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Contract No.: AID-294-I-00-12-00002
Task Order No : AID-294-TO-15-00010
Southwest Jenin Water Project (SWJ)

MONTHLY PROGRESS REPORT



Prepared by: **The Morganti Group, Inc.**
June , 2016

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Construction Monthly Progress Report # 8
Reporting Period: June 1, 2016 – June 30, 2016
Contractor: The Morganti Group, Inc.



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Abbreviation

ACOTR	Alternate Contracting Officer Technical Representative
B&V	Black and Veatch
CD	Calendar Day
COR	Contracting Officer Representative
CE	Chief Engineer
CEng	Contracts Engineer
CMC	Construction Management Contractor
CO	Contracting Officer
COB	Close of Business
COP	Chief of Party
CQC	Contractor Quality Control
CQCP	Contractor Quality Control Program
CRMP	Construction Risk Management Plan
CV	Curriculum Vita
DCL	District Civil Liaison
FO	Field Order
HR	High Risk
IQC	Indefinite Quantities Contract
LR	Low Risk
M	Moderate Risk
MH	Medium-High Risk
ML	Medium-Low Risk
MRR	Material Receiving Report
NCN	Non Compliance Notice
NUC	Notice of Unsafe Conditions
O&M	Operation and Maintenance
OSHA	Occupational Safety and Health Act (both Federal and State)
PA	Palestinian Authority
PCO	Project Control Officer
PIO	Public Information Officer
PM	Project Manager
PSU	Program Support Unit
PWA	Palestinian Water Authority
QA	Quality Assurance
QC	Quality Control
RE	Resident Engineers
RFI	Request For Information
RFTOP	Request for Task Order Proposal
TMGI	The Morganti group Inc.
TO	Task Order
TOL	Task Order Leader
TOM	Task Order Manager
SOP	Standard Operating Procedure
USAID	United State Agency for International Development
VO	Variation Order
VOR	Variation Order Request
WBG	West Bank Gaza
WBWD	West Bank Water Department



1. Task Order Overview



1.1 Description of the Project

Background:

Infrastructure in the West Bank suffers from years of neglect and lack of investment. The USAID Mission Infrastructure Needs Program II (INP II) focuses on the rehabilitation and construction of roads, schools, water and wastewater projects. The USAID objective is to help the Palestinian economy by improving Palestinians access to basic infrastructure and services.

Objective:

The objective of this Task Order is to upgrade the existing water supply system in the southeast part of the Jenin Governorate, located in the northern region of the West Bank. The upgrades will improve the transmission of water supply to villages southwest of the Jenin municipality, improve water storability by constructing new reservoirs, and provide a reliable, safe and affordable water supply to the project area.

1.2 Project General Information

Project Name:	Southwest Jenin Water Project
Indefinite Quantity Contract No	AID-294-I-00-12-00002
Task Order No	AID-294-TO-15-00010
Award Date	September 22, 2015
NTP Date	October 26, 2015
Completion Date	February 16, 2017
Contract Value	USD 12,949,433.37
BOQ Line Item Amount	USD 12,449,433.37
Day Work Amount	USD 500,000
Start Date Of Construction Activity	December 27, 2015
Contractual Period Of Performance:	480 Calendar Days
Contractual End Date:	February 16, 2017
Project Location (Area and governorate)	The project is located in Jenin Governorate (Arraba, Kuferit, Ajja, Kafr Rai', Jalqamus, Al Mutilla, Meithalun, and Sanur) in Area A, B and C.



1.3 Project Key Map

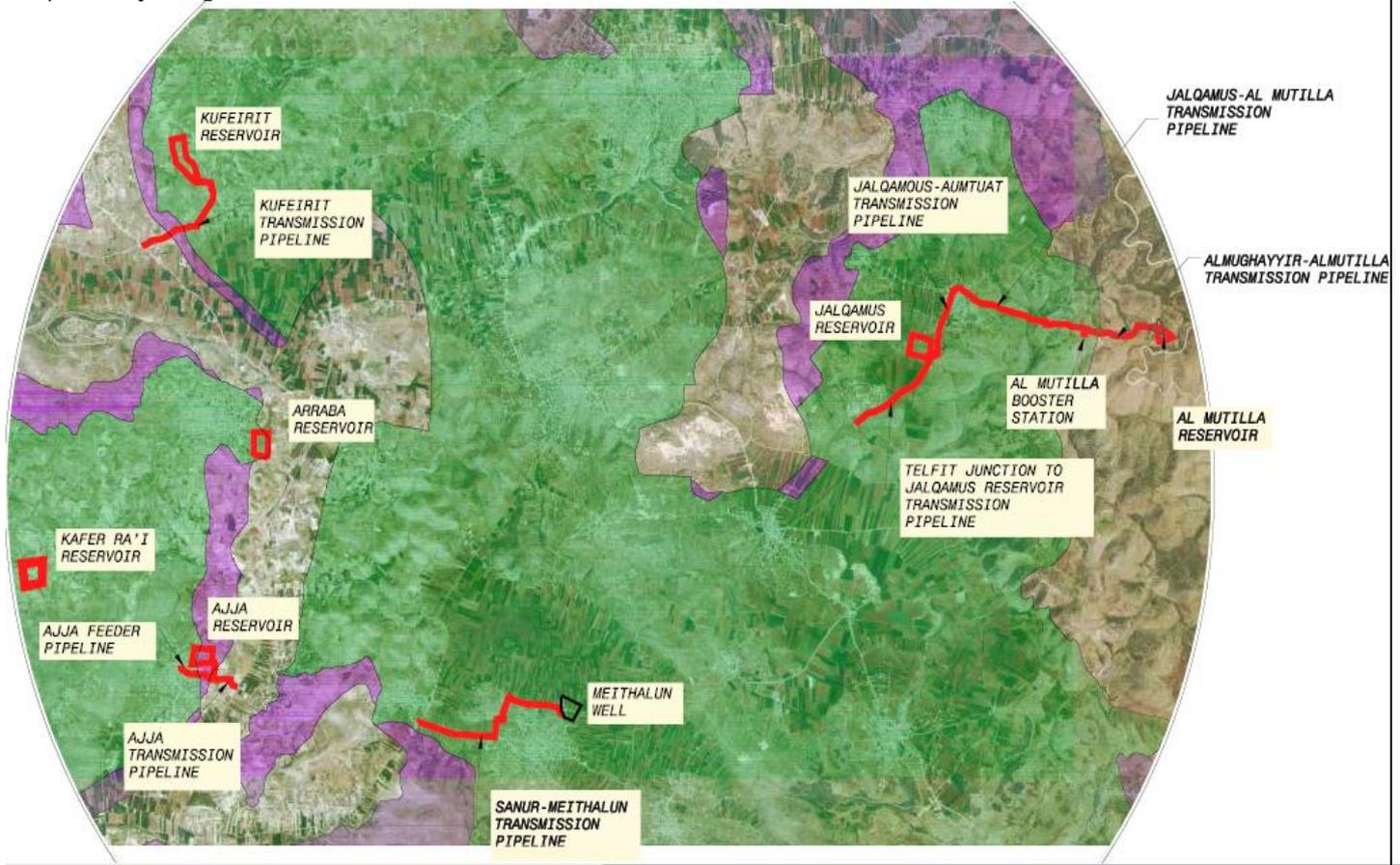


Figure 1: Southwest Jenin Project (SWJ)

1.4 Scope of Work:

The Statement of Work (SOW) is as defined as the below summary description:

Southwest Jenin Water Project

This project includes construction of six reservoirs, construction of booster station, chambers construction, chambers rehabilitation and the construction of approximately 17 km of steel transmission pipelines and Networks. Project elements will be constructed with SCADA system.

Project elements consist of the following:

Facilities

1. Arraba Reservoir – Replacement from existing 1000 m³ to a new 2,000 m³.
2. Jalqamus Reservoir – Replacement from existing 500m³ to a new 1000m³.
3. Kafr Rai Reservoir – New Construction 1,000 m³
4. Ajja Reservoir – New Construction 1000 m³
5. Kufirit Reservoir – New Construction 500 m³
6. Al Mutilla Reservoir – New Construction 500 m³
7. Al Mutilla Booster Station which consists of:
 - Construction of site civil, yard piping, and miscellaneous site equipment including concrete equipment pad for packaged booster pump skid and flow monitoring station, and parking bollard.
 - Construction of site electrical power, control, and instrumentation duct bank, site lighting, site grounding, tower mounted transformer, and new electrical equipment installed on an equipment pad.



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Pipelines

Construction of New Transmission Mains

1. Jalqamus Junction to Al Mutilla Booster Station
2. Al Mutilla Booster Station to Al Mutilla Reservoir
3. Sanur junction to Maythaloun Well
4. Anza Junction to Ajja Reservoir.

Replacement of Existing Transmission Mains

1. Yabad Junction to Kuferit Reservoir
2. Talfit Junction to Jalqamus Reservoir
3. Jalqamus Reservoir to Jalqamus Junction

Construction of New Network Supply Pipelines

- Ajja Network Supply Pipeline.

Construction of New Distribution Network

- Al Mutilla Distribution Network

Access Roads:

Upgrading and Improving the Access Roads to Reservoir Sites

1. Access Road to Jalqamus Reservoir (190 m of two-lane road with shoulder)
2. Access Road to Kuferit Reservoir (170 m of two-lane road with shoulder)
3. Access Road to Ajja Reservoir (238 m of two-lane road with shoulder)
4. Access Road to Kafr Rai Reservoir (62 m of two-lane road with shoulder)

Construction of new chambers and Existing Chambers Replacement and Rehabilitation.

1. Construction of new WO and ARV chambers along existing pipes (Zababdeh – Talfit Pipeline).
2. Mechanical and Structural Rehabilitation and new construction for Service Connection Chambers and Monitoring chambers along with SCADA monitoring system.
3. Replacement of old WO and ARV chambers along Existing Sanur Main pipeline.

1.5 Project Dashboard Status

Contract Elapsed Time as of June 30, 2016 [%]	51.19 %
Planned Percentage of Completion through June 30,2016[%]	24.26%
Actual Percentage of Completion through June 30,2016[%]	19.82 %
Float (Days)	-51 days

-51 days (Negative Float) due to deferring site condition at Arraba reservoir, Jalqamus Reservoir, Kuferit reservoir and Kafer Rai reservoir sites .

2. Safety

Regarding the special nature of Jenin Villages and the nature of this Task Order, like :

- Narrow roads within the residential area. Tight turn towards reservoir access
- Old stone (non-archaeological) walls exist at certain locations along the roads
- Reservoirs sites is an open area with wild vegetation and some olive trees
- Few residences are existing in the vicinity of the reservoir location
- Olive trees are located within reservoir compound
- Sanur reservoir on mountain top, open area and rock – head character
- Reservoir site within potential urban expiation area.



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TMGI take measures as following :

- Newly opened dirt road by the Municipality for the benefit of the project
- Follows right of way and Municipal Master Plan
- Remaining route is within an open area covered with olive trees and wild vegetation including Spiny Broom, Prickly Burnet, Bean-Clover, Roman Nettle, Flatpod Peavine, and other wild flowers and shrubs that are common in such habitat an transfer the olive trees to municipality lands

2.1 Traffic and Safety Management

According to the specifications and contract documents, comprehensive standard traffic control Plan submitted and approved for Al Mutilla Booster Station through Submittal Number SUB--15-00010-MTB-351-A .

As Morganti is responsible for periodic monitoring of the Risk aspects and compliance with the mitigation measures as we indicated in the approved CRMP. Safety and environmental officer check the following items at daily basis:

- All trenches and holes immediately backfilled after the completion of a section works.
- Applying all Safety Measures when it needs to work at night.
- Morganti will be responsible for the repair or replacement of any Damage done to the existing facilities
- Morganti will coordinate with respective utility owners prior to initiating works
- Morganti will provide all the required mitigation plans to engineers acceptance
- Depending on how close the structure is to the construction area, Morganti will monitor these structure throughout construction period and make necessary arrangements for each case accordingly

2.2 Safety Meetings

Safety issues were discussed during all internal meetings with both Morganti and subcontractor during the site periodic preparation.

Twelve safety Tool box meetings were conducted with the staff during the reporting period as mentioned in the following table the following issues were discussed:

No.	STBM No.	Description	Date	Location
1.	STBM-15-00010-JLR-C-E-033	Safety measures for work on heights	June 13, 2016	Jalqamus
2.	STBM-15-00010-AJR-C-E-034	Safety measures for work on heights	June 13, 2016	AJja
3.	STBM-15-00010-ARR-C-E-035	Safety measures for work on heights	June 13, 2016	Arraba
4.	STBM-15-00010-KFR-C-E-036	Safety measures for work on heights	June 13, 2016	Kuferit
5.	STBM-15-00010-AJR-C-E-037	Safety measures for work on heights	June 19, 2016	Ajja
6.	STBM-15-00010-MTR-C-E-038	Safety measures during high temperture	June 19, 2016	Al Mutilla



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7.	STBM-15-00010-SMT-C-E-039	Safety measures during high temperature	June 19, 2016	Sanur - Maythaloun transmission pipe line
8.	STBM-15-00010-ARR-C-E-040	Safety measures for work on heights	June 19, 2016	Arraba

2.3 Accident Status

None reported during this reporting period.

No.	AIR No.	Description	Accident Date	Location	Type of Accident
1.	AIR-15-00010-JLR-C-E-001	A labor tread on wood piece with nail while hose keeping works	April 13, 2016	Jalqamus	Foot injure

2.4 Notice of Unsafe Condition

None reported during this reporting period.

2.5 Safety Conclusion

All equipment listed and accepted in Safety Trench Excavation Plan were prepared and equipped. Prior to start any excavation activity, all safety measures have been taken into consideration.

Although, prior to start excavation in all projects, all required safety measures were taken into consideration. In Additional safety tool box meetings were conducted before excavation , scaffolding , steel fixing , and concrete works

3. Environmental Compliance

Environmental check list was issued during this reporting period ECL # 06 for June , 2016 and all comments in the check list were closed (inspection will be presented on next report).

During this reported period the project's lifecycle, all Environmental measures have been taken into considerations.

Environmental Measures:

- Conduct village meetings by Municipalities, informing right-of-way activities
- Ensure that the roads are within municipal master plans and are actually accessible and usable condition
- Conduct meeting with Municipality to ensure compliance with local plans and get informed of land categories
- Take same-point vantage photographs prior, during, and post-construction to ensure site restoration back to original characteristics as much as practical
- Do not overload the vehicles, in particular, the trucks to minimize exhausts emissions
- Water spray of the construction site and the stockpiles of the excess cut materials to minimize dust
- Schedule properly and monitor of any risky activities such as excavation and backfilling
- Assure the use of well-maintained mechanical construction equipment
- Prepare, submit and implement Contractor's safety plan for Engineer's approval prior to starting any project activities
- Identify and isolate construction zones by using warning signs, fencing, and ribbon barriers
- Take appropriate measures to prevent unauthorized persons from entering the work area
- Provide adequate hearing protection, hard hats, safety goggles, brightly colored vests, and other appropriate



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safety equipment to protect workers and visitors from injury

- Apply special safety requirements for construction of elevated structures such as reservoirs. Provide appropriate scaffoldings, guard rails and personal protection equipment
- Provide first aid kits on construction sites and ensure the presence of personnel with the minimum first aid skills at construction site all times
- Maintain portable toilet and hand washing area properly, with no leaks or spills to the surrounding area.
- Consider suitable engineering and occupational health and safety practices during site preparation in areas where unprotected electrical cables and unstable objects are stored and exist

4. Risk Measures:

As Morganti is responsible for periodic monitoring of the Risk aspects and compliance with the mitigation measures as we indicated in the approved CRMP. Safety and environmental officer check the following items at daily basis:

- Air Quality Control and Dust Control (Spraying water using water tank . vehicle cover loads by sheeting)
- Fire Protection and Prevention
- Personal Protection Equipment (PPE) (colored vest, hearing protection, hard hats, safety boots ...)
- Traffic Control (Barricades , traffic cones , warning signs , flagmen ... etc)
- Well-maintained construction equipment, vehicles and machinery to minimize pollutant emissions.
- Good housekeeping (No storage of materials , disposing dumping material in private land)
- Apply health and safety measures by provide temporary bridge, shade to the flag..etc.
- Provide emergency phone numbers (police, fire services, medical services ...etc.
- All dumping material carried to the approved dumping site , and all material moved immediately to keep the site clean
- All trenches and holes immediately backfilled after the completion of a section works.
- Applying all Safety Measures when it needs to work at night.
- Morganti will be responsible for the repair or replacement of any Damage done to the existing facilities
- Morganti will coordinate with respective utility owners prior to initiating works
- Morganti will provide all the required mitigation plans to engineers acceptance
- Depending on how close the structure is to the construction area, Morganti will monitor these structure throughout construction period and make necessary arrangements for each case accordingly

5. Community Outreach

Coordination with local councils and utilities owners were conducted to discuss work scope and challenges as detailed below.

Community outreach was conducted by TMGI in which meeting with Sanur Municipality, distribution of flyers on Sanur - Maythaloun citizens.

Location	Attention	Date	Description
Sanur - Maythaloun Area	Sanur Well Municipality	June 11, 2016	Coordination with Ajja Municipality for Electrical supply to site
Sanur - Maythaloun Area	Maythaloun Municipality	June 11, 2016	Coordination with Ajja Municipality for Electrical supply to site

6. Gender Action Plan

As per IQC Contract and executed task order contract requirements section F.5 regarding Gender Action Plan; all employment and man power data were disaggregated in daily joint reports to reflect gender. In addition; the Geo-MIS indicator no. 02 (Person Days of employment generated) data was disaggregated to



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reflect gender.

One female portable toilet was prepared and located in the storage yard, to be used during the construction period.

7. Coordination and Meetings

During this reporting period the following coordination and meetings occurred:

Date	Attendance	Subject	Description
June 01, 2016	USAID, B&V, MORGANTI	Bi- Weekly Progress meeting	To review and discuss work scope and Progress of work
June 13, 2016	USAID, B&V, MORGANTI	Bi- Weekly Progress meeting	To review and discuss work scope and Progress of work

8. Site Visitors

The following table shows the site visitors during this reporting period:

Date	Time	Representative	Representing	Location
June 08, 2016	11:30 AM	Kamal Kasbary	USAID	Kuferit Reservoir, Arraba Reservoir, Jalqamus Reservoir, Al Mutilla Reservoir
June 08, 2016	11:30 AM	Daoud Al Qawasmeh	BV	Kuferit Reservoir, Arraba Reservoir, Jalqamus Reservoir, Al Mutilla Reservoir
June 08, 2016	11:30 AM	Adnan Azazmeh	BV	Kuferit Reservoir, Arraba Reservoir, Jalqamus Reservoir, Al Mutilla Reservoir
June 12, 2016	2:00 PM	Maher Amro	Formwork Designer	Jalqamus Reservoir
June 15, 2016	11:00 AM	Kamal Kasbari	USAID	Sanour - Meithalon Main Transmission Pipeline
June 21, 2016	03.20 PM	Dr. Maher Amro.	Scaffolding Designer	Al Mutilla Reservoir
June 22, 2016	10:40AM	Kamal Kasbari	USAID COR	Kuferit Reservoir, Arraba Reservoir, Jalqamus Reservoir, Al Mutilla Reservoir
June 22, 2016	10:40AM	Ayser Rabia	PWA	Kuferit Reservoir, Arraba Reservoir, Jalqamus Reservoir, Al Mutilla Reservoir



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June 22, 2016	10:40AM	Walid Abodi	BV	Kuferit Reservoir, Arraba Reservoir, Jalqamus Reservoir, Al Mutilla Reservoir
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9. Material and Equipment Delivered to Site

All required construction material related to construction activities were delivered to the site and to the storage yard and construction sites such as Base course, Ready Mix Concrete A1 , lean concrete (B20), concrete (B30), – For more information please refer to Annex A.

Equipment on Site: Surveying tools, truck, welding machine ,crane and others were used during the reporting period for executing the ongoing construction activities – For more information please refer to Annex - A.

Materials Delivered on Site:

Item	Description	Quantity	Location	Date
1.	10" pipes	486 lm	Storage Yard	01-June -16
2.	Base course	54m ³	Telfit-Jalqamus & Jalqamus-Umatut	01-June -16
3.	Somson	72m ³	Telfit-Jalqamus & Jalqamus-Umatut	01-June -16
4.	Single size	72m ³	Telfit-Jalqamus & Jalqamus-Umatut	01-June -16
5.	Concrete class B-30	27 m ³	Foundation of retaining wall from point 4 to 5 at Ajja Reservoir	07-June -16
6.	Base course	72m ³	Sanour - Meithalon Main Transmission Pipeline	11-June -16
7.	Somson	90 m ³	Sanour - Meithalon Main Transmission Pipeline	11-June -16
8.	Single size	90 m ³	Sanour - Meithalon Main Transmission Pipeline	11-June -16
9.	Concrete class B-30	12.5 m ³	Stem wall from point 3 to 4 at Ajja Reservoir	12-June -16
10.	Base course	72m ³	Sanour - Meithalon Main Transmission Pipeline	12-June -16
11.	Somson	90 m ³	Sanour - Meithalon Main Transmission Pipeline	12-June -16
12.	Single size	90 m ³	Sanour - Meithalon Main Transmission Pipeline	12-June -16
13.	Base course	72m ³	Sanour - Meithalon Main Transmission Pipeline	13-June -16
14.	Somson	90 m ³	Sanour - Meithalon Main Transmission Pipeline	13-June -16
15.	Single size	90 m ³	Sanour - Meithalon Main	13-June -16



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			Transmission Pipeline	
16.	Base course	72m ³	Sanour - Meithalon Main Transmission Pipeline	14-June -16
17.	Somson	90 m ³	Sanour - Meithalon Main Transmission Pipeline	14-June -16
18.	Single size	90 m ³	Sanour - Meithalon Main Transmission Pipeline	14-June -16
19.	Base course	36m ³	Sanour - Meithalon Main Transmission Pipeline	15-June -16
20.	Somson	54 m ³	Sanour - Meithalon Main Transmission Pipeline	15-June -16
21.	Single size	54 m ³	Sanour - Meithalon Main Transmission Pipeline	15-June -16
22.	Concrete Class 30	24 m ³	Stem wall from point 4 to 5- first stage Ajja Reservoir	16-June -16
23.	Concrete Class 20	5 m ³	Lean concrete under retaining wall from point 2to 3- first stage Ajja Reservoir	16-June -16
24.	Base course	54 m ³	Sanour - Meithalon Main Transmission Pipeline	20-June -16
25.	Samson	72 m ³	Sanour - Meithalon Main Transmission Pipeline	20-June -16
26.	Single size	72 m ³	Sanour - Meithalon Main Transmission Pipeline	20-June -16
27.	Base course	36 m ³	Sanour - Meithalon Main Transmission Pipeline	22-June -16
28.	Samson	72 m ³	Sanour - Meithalon Main Transmission Pipeline	22-June -16
29.	Single size	72 m ³	Sanour - Meithalon Main Transmission Pipeline	22-June -16
30.	Concrete Class A1	78.0 m3	Wall Reservoir at Kuférit Reservoir	23-June -16
31.	Base course	36 m ³	Sanour - Meithalon Main Transmission Pipeline	23-June -16
32.	Samson	72 m ³	Sanour - Meithalon Main Transmission Pipeline	23-June -16
33.	Single size	72 m ³	Sanour - Meithalon Main Transmission Pipeline	23-June -16
34.	Concrete class B-30	34 .0 m ³	Retaining wall from point 4-5 (second stage) & from point 5-6 at Ajja Reservoir	24-June -16
35.	Concrete class A1	67 m ³	Reservoir's bottom slab at Al Mutilla Reservoir	26-June -16
36.	Base course	36 m ³	Sanour - Meithalon Main Transmission Pipeline	26-June -16
37.	Samson	72 m ³	Sanour - Meithalon Main Transmission Pipeline	26-June -16
38.	Single size	72 m ³	Sanour - Meithalon Main Transmission Pipeline	26-June -16
a-	Base course	36 m ³	Sanour - Meithalon Main Transmission Pipeline	27-June -16
39.	Samson	36 m ³	Sanour - Meithalon Main Transmission Pipeline	27-June -16



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40.	Single size	36 m ³	Sanour - Meithalon Main Transmission Pipeline	27-June -16
41.	Concrete class B-300	18.0 m ³	foundation of retaining walls from point 2 to 3 and lean concrete under boundary wall from point 2 to 3 at Ajja Reservoir	28-June -16
42.	Base course	36 m ³	Sanour - Meithalon Main Transmission Pipeline	28-June -16
43.	Samson	36 m ³	Sanour - Meithalon Main Transmission Pipeline	28-June -16
44.	Single size	36 m ³	Sanour - Meithalon Main Transmission Pipeline	28-June -16
45.	Concrete Class A1	104 m ³	Reservoir's roof slab at Arraba Reservoir	29-June -16
46.	Base course	36 m ³	Sanour - Meithalon Main Transmission Pipeline	29-June -16
47.	Samson	36 m ³	Sanour - Meithalon Main Transmission Pipeline	29-June -16
48.	Single size	36 m ³	Sanour - Meithalon Main Transmission Pipeline	29-June -16
49.	Base course	36 m ³	Sanour - Meithalon Main Transmission Pipeline	30-June -16
50.	Samson	36 m ³	Sanour - Meithalon Main Transmission Pipeline	30-June -16
51.	Single size	36 m ³	Sanour - Meithalon Main Transmission Pipeline	30-June -16

Equipment on Site:

Description	Quantity	Hours	Date
Surveying Tools	2	16	01-June -2016
KIA-FORTE(Without driver)	2	16	01-June -2016
PEUGEOT 301(Without driver)	1	8	01-June -2016
Truck	2	16	01-June -2016
Steel Compactor	1	3	01-June -2016
Excavator Caterpillar	1	8	01-June -2016
Skoda Fabia 2013	1	8	01-June -2016
JCB(with operator)	1	6	01-June -2016
Veco(with operator)	1	8	01-June -2016
Bobcat	1	3	01-June -2016
Surveying Tools	2	16	02-June -2016
KIA-FORTE(Without driver)	2	16	02-June -2016
PEUGEOT 301(Without driver)	1	8	02-June -2016
Bobcat	1	6	02-June -2016
Steel Compactor	1	4	02-June -2016
Truck	3	8	02-June -2016
Excavator Caterpillar	1	4	02-June -2016
Veco(with operator)	1	8	02-June -2016
Skoda Fabia 2013	1	8	02-June -2016



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JCB(with operator)	1	6	02-June -2016
Surveying Tools	2	16	03-June -2016
KIA-FORTE(Without driver)	2	16	03-June -2016
PEUOGEOT 301(Without driver)	1	8	03-June -2016
Skoda Fabia 2013	1	8	03-June -2016
Veco(with operator)	1	8	03-June -2016
Surveying Tools	2	16	04-June -2016
KIA-FORTE(Without driver)	2	16	04-June -2016
PEUOGEOT 301(Without driver)	1	8	04-June -2016
Truck	1	0	04-June -2016
Steel Compactor	1	4	04-June -2016
JCB(with operator)	1	8	04-June -2016
Excavator Caterpillar	1	8	04-June -2016
Roller	1	0	04-June -2016
Skoda Fabia 2013	1	8	04-June -2016
Veco(with operator)	1	8	04-June -2016
Bobcat	2	4	04-June -2016
Surveying Tools	2	10	05-June -2016
KIA-FORTE(Without driver)	2	16	05-June -2016
PEUOGEOT 301(Without driver)	1	8	05-June -2016
JCB(with operator)	1	8	05-June -2016
Bobcat	1	6	05-June -2016
Skoda Fabia 2013	1	8	05-June -2016
Steel Compactor	1	4	05-June -2016
Excavator Caterpillar	1	8	05-June -2016
Veco(with operator)	1	8	05-June -2016
Surveying Tools	3	10	07-June -2016
KIA-FORTE(Without driver)	2	16	07-June -2016
Steel Compactor	1	2	07-June -2016
PEUOGEOT 301(Without driver)	1	8	07-June -2016
Skoda Fabia 2013	1	8	07-June -2016
Truck	1	0	07-June -2016
JCB(with operator)	1	0	07-June -2016
Excavator Caterpillar	1	8	07-June -2016
3CX-JCB	1	2	07-June -2016
Bobcat	2	2	07-June -2016
Roller	1	0	07-June -2016
Veco(with operator)	1	8	07-June -2016
Surveying Tools	2	16	08-June -2016
KIA-FORTE(Without driver)	2	16	08-June -2016
PEUOGEOT 301(Without driver)	1	8	08-June -2016
Steel Compactor	1	1	08-June -2016
JCB(with operator)	1	8	08-June -2016
Truck	1	8	08-June -2016
Roller	1	4	08-June -2016
Skoda Fabia 2013	1	8	08-June -2016
Excavator Caterpillar	1	8	08-June -2016
Veco(with operator)	1	8	08-June -2016



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Bobcat	2	4	08-June -2016
Surveying Tools	2	16	09-June -2016
KIA-FORTE(Without driver)	2	16	09-June -2016
PEUGEOT 301(Without driver)	1	8	09-June -2016
Truck	2	12	09-June -2016
Veco(with operator)	1	8	09-June -2016
Excavator Caterpillar	1	8	09-June -2016
Steel Compactor	1	8	09-June -2016
3CX-JCB	1	8	09-June -2016
Skoda Fabia 2013	1	8	09-June -2016
Surveying Tools	2	16	10-June -2016
KIA-FORTE(Without driver)	2	16	10-June -2016
PEUGEOT 301(Without driver)	1	8	10-June -2016
Skoda Fabia 2013	1	8	10-June -2016
Veco(with operator)	1	8	10-June -2016
Surveying Tools	2	10	11-June -2016
KIA-FORTE(Without driver)	2	16	11-June -2016
PEUGEOT 301(Without driver)	1	6	11-June -2016
Truck	1	4	11-June -2016
Small Steel Compactor	1	2	11-June -2016
Skoda Fabia 2013	1	6	11-June -2016
Excavator Caterpillar & JCB	2	16	11-June -2016
JCB(with operator)	1	4	11-June -2016
Veco(with operator)	1	6	11-June -2016
Surveying Tools	2	16	12-June -2016
KIA-FORTE(Without driver)	2	16	12-June -2016
PEUGEOT 301(Without driver)	1	8	12-June -2016
Excavator Caterpillar & JCB	1	8	12-June -2016
JCB(with operator)	1	4	12-June -2016
Steel Compactor	1	4	12-June -2016
Truck	1	4	12-June -2016
Skoda Fabia 2013	1	8	12-June -2016
Bobcat	2	16	12-June -2016
Roller	1	8	12-June -2016
Veco(with operator)	1	8	12-June -2016
Surveying Tools	2	16	14-June -2016
KIA-FORTE(Without driver)	2	16	14-June -2016
PEUGEOT 301(Without driver)	1	8	14-June -2016
Truck	1	0	14-June -2016
Steel Compactor	1	0	14-June -2016
Skoda Fabia 2013	1	8	14-June -2016
Bobcat	1	8	14-June -2016
JCB(with operator)	1	4	14-June -2016
Excavator Caterpillar & JCB	1	4	14-June -2016
Veco(with operator)	1	8	14-June -2016
Surveying Tools	2	0	15-June -2016
KIA-FORTE(Without driver)	2	0	15-June -2016
PEUGEOT 301(Without driver)	1	0	15-June -2016



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Skoda Fabia 2013	1	0	15-June -2016
Veco(with operator)	1	0	15-June -2016
Surveying Tools	2	16	16-June -2016
KIA-FORTE(Without driver)	2	16	16-June -2016
PEUGEOT 301(Without driver)	1	8	16-June -2016
Skoda Fabia 2013	1	8	16-June -2016
Surveying Tools	2	16	17-June -2016
KIA-FORTE(Without driver)	2	16	17-June -2016
PEUGEOT 301(Without driver)	1	8	17-June -2016
Skoda Fabia 2013	1	8	17-June -2016
Veco(with operator)	1	8	17-June -2016
Surveying Tools	2	16	19-June -2016
KIA-FORTE(Without driver)	2	16	19-June -2016
PEUGEOT 301(Without driver)	1	8	19-June -2016
Steel Compactor	1	8	19-June -2016
Skoda Fabia 2013	1	8	19-June -2016
Veco(with operator)	1	8	19-June -2016
Surveying Tools	2	16	21-June -2016
KIA-FORTE(Without driver)	2	16	21-June -2016
PEUGEOT 301(Without driver)	1	8	21-June -2016
Skoda Fabia 2013	1	8	21-June -2016
Veco(with operator)	1	8	21-June -2016
Surveying Tools	2	16	22-June -2016
KIA-FORTE(Without driver)	2	16	22-June -2016
PEUGEOT 301(Without driver)	1	8	22-June -2016
Skoda Fabia 2013	1	8	22-June -2016
Veco(with operator)	1	8	22-June -2016
Surveying Tools	2	0	22-June -2016
Excavator JCB	1	0	22-June -2016
KIA-FORTE(Without driver)	2	0	22-June -2016
PEUGEOT 301(Without driver)	1	0	22-June -2016
Skoda Fabia 2013	1	0	22-June -2016
Veco(with operator)	1	0	22-June -2016
Surveying Tools	2	16	23-June -2016
KIA-FORTE(Without driver)	2	16	23-June -2016
PEUGEOT 301(Without driver)	1	8	23-June -2016
vecos	1	8	23-June -2016
Skoda Fabia 2013	1	8	23-June -2016
Excavator JCB	1	8	23-June -2016
Surveying Tools	2	16	24-June -2016
KIA-FORTE(Without driver)	2	16	24-June -2016
PEUGEOT 301(Without driver)	1	8	24-June -2016
vecos	1	8	24-June -2016
Skoda Fabia 2013	1	8	24-June -2016
Surveying Tools	2	16	25-June -2016
KIA-FORTE(Without driver)	2	16	25-June -2016



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PEUOGEOT 301(Without driver)	1	8	25-June -2016
Skoda Fabia 2013	1	8	25-June -2016
veco	1	8	25-June -2016
Surveying Tools	2	16	26-June -2016
KIA-FORTE(Without driver)	2	16	26-June -2016
PEUOGEOT 301(Without driver)	1	8	26-June -2016
Skoda Fabia 2013	1	8	26-June -2016
veco	1	8	26-June -2016
Surveying Tools	2	16	28-June -2016
KIA-FORTE(Without driver)	2	16	28-June -2016
PEUOGEOT 301(Without driver)	1	8	28-June -2016
Skoda Fabia 2013	1	8	28-June -2016
veco	1	8	28-June -2016
Surveying Tools	2	16	29-June -2016
KIA-FORTE(Without driver)	2	16	29-June -2016
PEUOGEOT 301(Without driver)	1	8	29-June -2016
Skoda Fabia 2013	1	8	29-June -2016
veco	1	8	29-June -2016
Surveying Tools	2	0	30-June -2016
KIA-FORTE(Without driver)	2	0	30-June -2016
PEUOGEOT 301(Without driver)	1	0	30-June -2016
Skoda Fabia 2013	1	0	30-June -2016
veco	1	0	30-June -2016

10. Progress and Scheduling

Original CPM Schedule Submittal through Submittal Number SUB-15-00010-SWJ-077-C which approved, Updated CPM Schedule Submittal May 31,2016 Submitted and approved For more information please refer to Annex B.

For one month look ahead please refer to Annex D

11. Activities During this Reporting Period:

1 General.

- Start of marking of Sanour –Methaloun pipe line and implementation of safety plane.
- Transfer of excavation equipment to Sanour – Meithalon pipe line and continue preparation for pipe installation.
- Installation of safety signs to Sanour – Meithalon pipe line and continue preparation for pipe installation
- Community outreach in Sanour Methaoun working area and roads around, in which flyers were distributed to local people.
- Delivery of 2676.5 lm of 6” pipes at Jalqamus storage yard.

2 500 cubic meter KUFERIT RESERVOIR - AT GRADE (KFR)

- Continuity and finish of internal formwork for reservoir wall.
- Steel reinforcement for reservoir wall.
- Start installation of access man way and thimbles for inlet, outlet and overflow.



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- Finish installation of reservoir's water stops and inspection of work by Fosroc's Engineer
- Start external formwork for reservoir's wall.
- Start & finish concrete casting for reservoir's wall and column.
- Fresh sample concrete were taken by technical lab (Building Center) for reservoir's wall and column.
- Continuity of concrete curing for reservoir's wall.

3 500 cubic meter AL MUTILLA RESERVOIR – ELEVATED (MTR)

- Continuity and finish of formwork for bottom slab of water tank.
- Steel reinforcement of bottom slab.
- Steel samples were taken by lab technician (Building Center) for the bottom slab of water tank.
- Start and Finish installation of water stop for reservoir base slab and inspection of installed water stop to reservoir walls by supplier Engineer.
- Start formwork and steel reinforcement for reservoir stairs at level 4.
- Inspection of bottom slab formwork system by Dr. Maher Amro.
- Start and finish concrete casting for reservoir bottom slab and stairs at level 4.
- Concrete samples were taken by lab technician (building center) for reservoir's bottom Slab.
- Start and Continuity of concrete curing for reservoir bottom slab and stairs at level 4.

4 1000 cubic meter AJJA RESERVOIR – AT GRADE (AJR)

- Start and finish de-shuttering for boundary wall from point 7-1 and from point 1-2 stage 3.
- Continuity of concrete curing for boundary wall from point 7-1 and from point 1-2 stage 3.
- Continuity of concrete curing for foundation of retaining wall from point 4 to 5.
- Finish concrete surface preparation for stem of retaining and boundary wall from point 1-7 & 1-2.
- Start and finish 1st layer of bituminous coat for stem of retaining and boundary wall from point 1-7 & 1-2.
- Finish concrete curing for boundary wall from point 7-1 and from point 1-2 stage 3.
- Finish formwork and steel reinforcement for foundation of retaining wall from point 5-6.
- Start formwork for stem wall from point 3 to 4 – stage 1.
- Continuity of steel reinforcement for reservoir wall.
- Finish installation of access man way and thimbles for inlet, outlet and overflow.
- Start and finish concrete casting for foundation of retaining wall from point 4 to 5.
- Fresh concrete samples were taken by lab technician (building center) for foundation of retaining wall from point 4 – 5.
- Continuity of concrete surface preparation for internal side of retaining and boundary wall from point 1 to 7 & from point 1 to 2.
- Start concrete curing for foundation of retaining wall from point 4 to 5.
- Continuity of formwork and steel reinforcement for stem wall from point 3 to 4 – first stage.
- Start and finish 1st layer of bitumen coat for boundary wall from point 1-7 & 1-2 – second stage.
- Finish installation of reservoir's water stops and inspection of work by Fosroc Engineer
- Finish formwork and steel reinforcement for stem wall from point 3 to 4 – first stage.
- Start and finish casting concrete for stem wall from point 3 to 4 – first stage.
- Fresh sample of concrete were taken by technical lab (Building Center) for stem wall from point 3 to 4.
- Finish concrete curing for foundation of retaining wall from point 5 to 6..
- Start backfill behind boundary & retaining wall from point 1 to 7.



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- Continuity of backfill behind boundary & retaining wall from point 1 to 7.
- Continuity of concrete curing for stem wall from point 3 to 4- first stage.
- Finish formwork and steel reinforcement for stem wall from point 4 to 5 – first stage.
- Start and finish concrete casting for stem wall from point 4 to 5 – first stage.
- Start and finish formwork for lean concrete under retaining wall from point 2 to 3- first stage.
- Start and finish concrete casting for lean concrete from point 2 to 3- first stage.
- Fresh sample concrete were taken by technician lap (Building center), for stem wall and lean concrete.
- Continuity of concrete curing for stem wall from point 4 to 5 – first stage and lean concrete from point 2 to 3- first stage.
- Start formwork for stem wall from point 4 to 5- second stage
- Start formwork for stem wall from point 5 to 6- first stage.
- Continuity of concrete curing for stem wall from point 4 to 5 – first stage and lean concrete from point 2 to 3- first stage.
- Start installation, steel reinforcement and formwork for wash out pipe of the reservoir.
- Continuity of installation, steel reinforcement and formwork for wash out pipe of the reservoir.
- Finish installation, steel reinforcement and formwork for wash out pipe of the reservoir.
- Finish formwork for stem wall from point 4 to 5- second stage & from point 5 to 6- first stage.
- Start and finish concrete casting for washout pipe encasement, stem wall from point 4 to 5- second stage and stem wall from point 5 to 6- first stage.
- Start and finish 1st layer of bitumen coat for foundation of retaining & boundary wall from point 1-7 & 1-2 –Internal Side
- Fresh sample concrete were taken by technical lab (Building Center) for stem wall from point 4 to 5- second stage & from point 5 to 6- first stage
- Start concrete curing for washout encasement and stem wall from point 4 to 5- second stage & from point 5 to 6- first stage.
- Start and finish 1st layer of bitumen coat for washout encasement
- Start formwork for foundation of retaining wall from point 2 to 3.
- Continuity of concrete curing for washout encasement and stem wall from point 4 to 5- second stage and from point 5 to 6- first stage.
- Start and finish backfilling the washout pipe under reservoir.
- Continuity of formwork and steel reinforcement for foundation of retaining walls from point 2 to 3.
- Start formwork and steel reinforcement for stem wall of retaining wall from point 4 to 5 (Second Stage).
- Continuity of concrete curing for stem wall from point 4 to 5- second stage & from point 5 to 6- first stage.
- Start and finish compacting the backfilling materials behind boundary & retaining wall from point 1 to 7.
- Start and finish compacting the sub grad under reservoir.
- Start spreading, compacting and finishing the base course layer under reservoir.
- Finish formwork and steel reinforcement for foundation of retaining walls from point 2 to 3 first stage.
- Start and finish concrete casting for foundation of retaining walls from point 2 to 3 first stage
- Start and finish concrete casting for lean concrete under boundary and retaining wall from point 2 to 3 second stage.
- Fresh concrete samples were taken by lab technician (Al Shamal Lap) for foundation of retaining walls from point 2 to 3 and lean concrete under boundary and retaining wall from point 2 to 3
- Continuity of formwork & steel reinforcement for stem wall of retaining wall from point 4 to 5 (Second Stage).
- Continuity of concrete curing for stem wall from point 4 to 5- second stage & from point 5 to 6- first



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stage.

- Continuity of spreading, compacting and finishing the base course layer under reservoir.
- Start concrete curing for foundation of retaining walls from point 2 to 3 first stage & lean concrete under boundary and retaining wall from point 2 to 3 second stage.
- Continuity of formwork & steel reinforcement for stem wall of retaining wall from point 4 to 3 (Second Stage)
- Start formwork & steel reinforcement for stem wall of retaining wall from point 2 to 3.
- Continuity of concrete curing for stem wall from point 4 to 5- second stage & from point 5 to 6- first stage.
- Continuity of spreading, compacting and finishing the base course layer under reservoir.
- Continuity of formwork & steel reinforcement for stem wall of retaining wall from point 4 to 3 (Second Stage)
- Continuity of formwork & steel reinforcement for stem wall of retaining wall from point 2 to 3 (First Stage).

5 1000 cubic meter JALQAMUS RESERVOIR - AT GRADE (JLR)

- Continuity of formwork for reservoir roof slab.
- Start and finish installation of sponge rubber between reservoir walls and roof slab.
- Start installation of seismic cans -second stage.
- Continuity of installation of seismic cans -second stage.
- Finish installation of seismic cans -second stage.
- Start steel reinforcement for reservoir's roof slab.
- Continuity of steel reinforcement for reservoir's roof slab.
- Continuity of formwork for reservoir's roof slab.
- Start and finish Installation of thimbles for reservoir's roof slab.
- Inspection of steel formwork support by Dr. Maher Amro.
- Curing of Concrete for reservoir's roof slab.
-

6 1000 cubic meter KAHER RA'I RESERVOIR - AT GRADE (KRR)

- No construction works.

7 2000 cubic meter ARRABA RESERVOIR - AT GRADE (ARR)

- Continuity of curing concrete for reservoir's wall (Stage 1-b).
- Start curing concrete of reservoir's wall (Stage 2-a).
- Start de-shuttering internal formwork of reservoir's wall (Stage 1-b).
- Start preparation works for shuttering reservoir's wall (stage 2-b).
- Start and finish installation of expandable water stop for reservoir's wall (Stage 2-b).
- Finish curing concrete for reservoir's wall (Stage 1-b).
- Continuity of curing concrete of reservoir's wall (Stage 2-a).
- Finish preparation works for shuttering reservoir's wall (stage 2-b).
- Start de-shuttering external formwork for reservoir's wall (stage 2-a).
- Start install external formwork for reservoir's wall (stage 2-b).
- Continuity of curing concrete of reservoir's wall (Stage 2-a).



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- Continuity of formwork for reservoir's wall (stage 2-b).
- Conducting safety toolbox meeting.
- Continuity of curing concrete of reservoir's wall (Stage 2-a).
- Finish formwork for reservoir's wall (stage 2-b).
- Continuity of curing concrete of reservoir's wall (Stage 2-a).
- Start and finish casting concrete for reservoir's wall (stage 2-b).
- Samples were taken by lab technician (building center) for concrete mix of reservoir's wall (Stage 2-b).
- Start curing concrete for reservoir's wall (Stage 2-b).
- Finish curing concrete for reservoir's wall (Stage 2-a).
- Continuity of curing concrete for reservoir's wall (stage 2-b).
- Finish de-shuttering internal formwork for reservoir's wall (Stage 1-b).
- Finish de-shuttering internal formwork for reservoir's wall (Stage 2-a).
- Start de-shuttering internal formwork for reservoir's wall (Stage 2-b).
- Continuity of de-shuttering external formwork for reservoir's wall (Stage 2-a).
- Continuity of curing concrete for reservoir's wall (stage 2-b).
- Continuity of de-shuttering internal formwork for reservoir's wall (Stage 2-b).
- Finish de-shuttering external formwork for reservoir's wall (Stage 2-a).
- Continuity of curing concrete for reservoir's wall (stage 2-b).
- Start formwork for reservoir's roof slab.
- Finish de-shuttering internal formwork for reservoir's wall (Stage 2-b).
- Start de-shuttering external formwork for reservoir's wall (Stage 2-b).
- Start removing scaffolding of reservoir's walls.
- Finish curing concrete for reservoir's wall (stage 2-b).
- Continuity of formwork for reservoir's roof slab.
- Finish de-shuttering external formwork for reservoir's wall (Stage 2-b).
- Continuity of removing scaffolding of reservoir's walls.
- Start installation of the seismic can second stage for reservoir.
- Continuity of formwork for reservoir's roof slab.
- Continuity of installation of seismic can second stage for reservoir.
- Start steel reinforcement for reservoir's roof slab.
- Start water stop installation.
- Continuity of steel reinforcement for reservoir's roof slab.
- Start and finish the installation of thimbles at the reservoir's roof slab.
- Finish water stop installation
- Start concrete repairing for tie holes of reservoir's walls.
- Finish steel reinforcement for reservoir's roof slab.
- Continuity of concrete repairing for tie holes of reservoir's walls.
- Start and finish concrete casting for reservoir's roof slab.
- Fresh concrete samples were taken by technical lap (Building Center) for reservoir's roof slab.
- Start and finish concrete curing by spraying curing compound (Concure WB309) for reservoir's roof slab.

8 AL MUTILLA BOOSTER STATION (MTB)

- No construction works.

9 SANOUR-MEITHALON MAIN TRANSMISSION PIPELINE (SMT)

- Start and finish of Excavation and 10" Pipe installation from station 00+155.67 to station 00+315.18



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- Start and finish of Bedding and backfilling from station 00+155.67 to station 00+315.18
- Start and finish of Excavation and 10" Pipe installation from station 00+315.18 To station 00+499.23
- Start and finish of Bedding and backfilling from station 00+315.18 To station 00+499.23
- Toolbox meeting on site concerning working with mobile equipment and Ramadan work plan
- Start and finish of Excavation and 10" Pipe installation from station 00+499.23 to station 00+683.28
- Start and finish of Bedding and backfilling from station 00+499.23 to station 00+683.28
- Start and finish of Excavation and 10" Pipe installation from station 00+683.28 to station 00+769.07.
- Start and finish of Bedding and backfilling from station 00+683.28 to station 00+769.07.
- Start and finish of Excavation and 10" Pipe installation from station 00+769.07 to station 00+929.0.
- Start and finish of Bedding and backfilling from station 00+769.07 to station 00+929.0.
- Start and finish of Excavation and 10" Pipe installation from station 00+929.0 to station 00+1063.97.
- Start and finish of Bedding and backfilling from station 00+929.0 to station 00+1063.97.
- Start and finish of excavation from station 01+063.86 To station 01+093
- Start and finish of Excavation and 10" Pipe installation from station 01+063.97 to station 1+198.94
- Start and finish of bedding and backfilling installation from station 01+063.97 to station 1+198.94.
- Start and finish of Excavation and 10" Pipe installation from station 1+198.94 to station 1+321.64.
- Start and finish of bedding and backfilling installation from station 1+198.94 to station 1+321.64.
- Start and finish of Excavation and 10" Pipe installation from station 1+321.64 to station 1+456.61
- Start and finish of bedding and backfilling installation from station 1+321.64 to station 1+456.61
- Start and finish of Excavation and 10" Pipe installation from station 1+456.61 to station 1+593.13
- Start and finish of bedding and backfilling installation from station 1+456.61 to station 1+593.13
- Start and finish of Excavation and 10" Pipe installation from station 1+593.13 to station 1+678.78
- Start and finish of bedding and backfilling installation from station 1+593.13 to station 1+678.78
- Start and finish of Excavation and 10" Pipe installation from station 1+678.78 to station 1+801.48
- Start and finish of bedding and backfilling installation from station 1+678.78 to station 1+801.48.
- Start and finish of Excavation and 10" Pipe installation from station 1+801.48 to station 1+924.18.
- Start and finish of bedding and backfilling installation from station 1+801.48 to station 1+924.18.
- Start and finish of Excavation and 10" Pipe installation from station 1+924.18 to station 1+978.43
- Start and finish of bedding and backfilling installation from station 1+924.18 to station 1+978.43

10 YABAD - KUFEIRIT TRANSMISSION PIPELINE (YKT)

- No construction works.

11 ANZA - AJJA TRANSMISSION PIPELINE (AAT)

- No construction works.

12 AJJA NETWORK SUPPLY PIPELINE (AJP)

- No construction works.

13 TELFIT-JALQAMUS TRANSMISSION PIPELINE (TJT)

- Start and finish of Excavation and 6" Pipe installation from station 1913.28 to station 2109.94.
- Start and finish of 2" pipe installation from Station 1920 to 2109.94.
- Start and finish of bedding and backfilling from station 1913.28 to station 2109.94.
- Start and finish of excavation and backfilling of double trench for 6"-TJT pipe line and 6" Jalqamous -Umatut pipe line from station 00+00 to station 00+150.
- Start Excavation to Jalqamous reservoir feeder pipeline by Trencher
- Start and finish of Excavation and 10" Pipe installation from station 00+32.97 To station 00+155.67
- Start and finish of Bedding and backfilling from station 00+32.97 To station 00+155.67

14 JALQAMUS TRANSMISSION PIPELINE (JLT)

- No construction works.

15 JALQAMUS - AL MUTILLA TRANSMISSION PIPELINE (JMT)

- No construction works.



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16 AL MUTILLA TRANSMISSION PIPELINE (MTT)

- No construction works.

17 ALMUTILLA DISTRIBUTION NETWORK (MTN)

- No construction works.

18 SWJ CHAMBERS REHABILITATION

- No construction works.

12. Planned Activities for Next Month

1. 500 cubic meter KUFERIT RESERVOIR - AT GRADE (KFR)

- Form/Steel Rebars for Roof Slab (2nd Face), Water Stop installation 1st Group
- Casting Concrete for Roof Slab & Mechanical Finishing DE shuttering for 1st Group (2nd face) & Curing For Walls

2. 500 cubic meter AL MUTILLA RESERVOIR – ELEVATED (MTR)

- Formwork for Lateral Walls of reservoir - Exterior Reinforcing of Bottom Beams, bottom Slab & Stairs of Reservoir Installation of Water Stop
- Formwork for Lateral Walls & Central Column - Interior
- Reinforcing of Lateral Walls & Central Column
- Cast-in-place concrete for Lateral Walls & Central Column
- De-shuttering of Lateral Walls & Central Columns

3. 1000 cubic meter AJJA RESERVOIR – AT GRADE (AJR)

- Form/Steel Rebars for Foundation
- Cast Concrete for slab on grad and foundation of the reservoir
- Concrete Curing
- Form/Steel Rebars for the Retaining Walls with Drain System - Fence Steel Props Installation
- Deshuttering & Curing For Walls
- Cast Reinforced Concrete for the Retaining Wall

4. 1000 cubic meter JALQAMUS RESERVOIR - AT GRADE (JLR)

- Repair & applying external paint for the reservoir Fixing Roof Ventilation
- Installing Hand Rail
- Fixing external ladder
- Install water level indicator & Access Cover Repair of Internal Walls
- Install steel pipes inside reservoir - Outlet

5. 1000 cubic meter KAFER RA'I RESERVOIR - AT GRADE (KRR)

- Excavation for Foundation & Subgrade layer Compaction
- Form/Steel Rebars for Foundation
- Cast Concrete
- Concrete Curing & Isolation
- Form/Steel Rebars for the Retaining Walls with Drain System - Fence Steel Props Installation

6. 2000 cubic meter ARRABA RESERVOIR - AT GRADE (ARR)

- Repair & applying external paint for the reservoir Fixing Roof Ventilation
- Installing Hand Rail
- Fixing external ladder
- Install water level indicator & Access Cover Repair of Internal Walls
- Install steel pipes inside reservoir – Outlet

7. AL MUTILLA BOOSTER STATION (MTB)

- No construction works.

8. SANOUR-MEITHALON MAIN TRANSMISSION PIPELINE (SMT)

- Exc., Bed., Install. and Backfill. 250mm Sanur - Maythaloun Transmission Pipeline from St.2+400 to St.3+699 Replacement of the existing Sanur Connection Chamber (CHD-103)
- Connection to Sanure Existing Pipe
- Construction of 100mm Washout Chamber at station 0+010 0on 250mm pipe



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- Construction of 250mm Gate Valve Chamber at Station 0+500
 - Construction of 100mm Air Release Valve Chamber at station 0+770 on 250mm pipe
 - Construction of 250mm Gate Valve Chamber at Station 1+000
 - Construction of 100mm Air Release Valve Chamber at station 1+190 on 250mm pipe
 - Construction of 250mm Gate Valve Chamber at Station 1+500
 - Construction of 100mm Air Release Valve Chamber at station 1+618 on 250mm pipe
 - Construction of 250mm Gate Valve Chamber at Station 2+000
 - Construction of 100mm Washout Chamber at station 2+100 on 250mm pipe
 - Construction of 100mm Air Release Valve Chamber at station 2+375 on 250mm pipe
 - Construction of 100mm Washout Chamber at station 2+545 on 250mm pipe
 - Construction of 100mm Air Release Valve Chamber at station 2+850 on 250mm pipe
 - Construction of 250mm Gate Valve Chamber at Station 3+000
 - Construction of 100mm Washout Chamber at station 3+298 on 250mm pipe
 - Construction of 250mm Gate Valve Chamber at Station 3+480
 - Construction of 100mm Air Release Valve Chamber at station 3+514 on 250mm pipe
 - Construction of Flow Monitoring Chamber at Station 3+620 (M-VCFM)
 - Connection to Tubas Pipeline (TEE 150 X 150 X 150)
 - Installation of TEE 250 X 150 X 250
 - Exc., Bed., Install. and Backfill. 150mm Pipe from Connection Outlet pipe (Booster Station) to TEE (0+000 to 0+085) Installation of TEE 250 X 250 X 250
 - Connection to Outlet Pipeline from Booster Station
 - Construction of Meithalun Well Outlet Connection Chamber 250mm (CCH-106)
9. **YABAD - KUFEIRIT TRANSMISSION PIPELINE (YKT)**
- No construction works.
10. **ANZA - AJJA TRANSMISSION PIPELINE (AAT)**
- No construction works.
11. **AJJA NETWORK SUPPLY PIPELINE (AJP)**
- No construction works.
12. **TELFIT-JALQAMUS TRANSMISSION PIPELINE (TJT)**
- No construction works.
13. **JALQAMUS TRANSMISSION PIPELINE (JLT)**
- No construction works.
14. **JALQAMUS - AL MUTILLA TRANSMISSION PIPELINE (JMT)**
- No construction works.
15. **AL MUTILLA TRANSMISSION PIPELINE (MTT)**
- No construction works.
16. **ALMUTILLA DISTRIBUTION NETWORK (MTN)**
- No construction works.
17. **SWJ CHAMBERS REHABILITATION**
- No construction works.

13. Indicators

Indicator 1: Quantity of drinking water available as a result of USG assistance:

Measured by the total volume determined in the design phase per USAID beneficiaries' standard definitions of drinking water supply to be made available as a result of USG assistance in discrete INP projects. Data will be measured at the design stage based on a variety of factors. For water well-drilling/transmission projects,



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measurements will be based on each well's estimated production capacity and/or transmission capacity. The Contractor shall request this data from the INP II A-E firm for inclusion in the Contractor's first Geo-MIS report as a target estimate. This indicator will be measured and reported on by the Contractor at the completion of the task order based on the tested capacity of the project.

Total number of Beneficiaries	Male		Female	
	No.	%	No.	%
37,836	19,296	51%	18,540	49%

Indicator 2:

This indicator is measured by the number of person days of employment generated by this Task Order. The Contractor must measure person days of employment directly generated by construction work on site. It is recognized that while this data may extend well beyond the immediate employment generated by this Task Order, this data will be measured by the Contractor at the "prime" and "first tier" subcontractor level only. The Contractor will measure this daily during Task Order implementation through time cards. Neither expatriate person days of employment (i.e. those worked by American or other Third Country National staff) nor management nor administrative person days of employment (i.e. program level and other general and administrative staff shared among multiple task orders) shall be included in the Geo-MIS related reporting. A target estimate is to be provided by the Contractor at the time of the first Geo-MIS report. This indicator will be measured daily and reported on a monthly basis in each Geo-MIS report in accordance with Section H.12.b above. The data shall be further reviewed and reported on at the completion of the task order.

The following table surmise the total number of Persons days of employment generated previously and during the current reporting period:

Target value = 33,847 *	
Person Days of Employment Generated Previously	7075.00
Person Days of Employment Generated During the Current Reporting Period	1970.125
Accumulative Persons Days of Employment Generated	9045.625
Male Person Days of Employment	
Person Days of Employment Generated Previously	6778.75
Person Days of Employment Generated during the current reporting period	1918.125
Accumulative Persons Days of Employment Generated	8696.875
Female Person Days of Employment	
Person Days of Employment Generated Previously	296.75
Person Days of Employment Generated during the current reporting period	52.00
Accumulative Persons Days of Employment Generated	348.75
Total Number of Full Time Equivalent Jobs (FTE)	
Number of Full Time Equivalent Jobs Generated Previously	297.29
Number of Full Time Equivalent Jobs Generated During Current Period	82.778
Total Number of Full Time Equivalent Jobs Generated	380.068

*The target value is based on the approved CPM schedule

- Geo MIS Data

Refer to "Annex M"-Geo MIS Data



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INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO.: AID-294-I-00-12-00002
TASK ORDER NO.: AID-294-TO-15-00010
TASK ORDER SHORT NAME: SWJ
Temporay Job Days Report



Task Order Name: Southwest Jenin Water Project
Contractor : The Morganti Group, Inc.
Sub-Contractor: Saqqa & Khoudary Co. Ltd.

PERIOD FROM: June 01, 2016
PERIOD TO: June 30, 2016

Date	Task Order Component									Total Job Days	Segregation by Gender		Notes / comments
	Site staff Job hours										Female	Male	
Month	Kuferit Reservoir	Ajja Reservoir	Jalqamous Reservoir	Kafer Ra'a Reservoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks	Chambers rehabilitations				
June 1, 2016	82	64	58	14	136	86	12	173	11	79.5	2	77.5	
June 2, 2016	82	72	76	14	136	86	12	49	11	67.25	2	65.25	
June 3, 2016	4	4	6	4	6	6	2	2	2	4.5	0	4.5	
June 4, 2016	82	72	42	14	136	38	12	29	11	54.5	2	52.5	
June 5, 2016	82	72	74	14	128	86	12	29	11	63.5	2	61.5	
June 6, 2016	77	60	84	14	118	79	12	29	11	60.5	2	58.5	
June 7, 2016	49	95	91	14	132	79	12	29	11	64	2	62	
June 8, 2016	90	95	58	14	132	79	12	29	11	65	2	63	
June 9, 2016	90	95	114	14	121	79	12	29	11	70.625	2	68.625	
June 10, 2016	4	4	66	4	6	6	2	2	2	12	0	12	
June 11, 2016	42	74	63	14	132	79	156	13	11	73	2	71	
June 12, 2016	89	88	98	14	132	79	158	11	11	85	2	83	
June 13, 2016	89	81	98	14	132	79	158	11	11	84.125	2	82.125	
June 14, 2016	89	95	140	14	125	79	158	11	11	90.25	2	88.25	
June 15, 2016	89	60	70	14	146	79	158	11	11	79.75	2	77.75	
June 16, 2016	89	88	42	31	146	79	46	11	11	67.875	2	65.875	
June 17, 2016	4	4	6	4	6	6	2	2	2	4.5	0	4.5	
June 18, 2016	73	88	98	29	132	79	30	11	11	68.875	2	66.875	
June 19, 2016	105	88	56	14	167	30	158	11	11	80	2	78	
June 20, 2016	105	95	56	14	153	72	158	11	11	84.375	2	82.375	
June 21, 2016	105	95	42	14	167	79	134	11	11	82.25	2	80.25	
June 22, 2016	49	95	42	14	167	72	166	11	11	78.375	2	76.375	
June 23, 2016	105	95	42	14	181	79	166	11	11	88	2	86	
June 24, 2016	4	4	6	4	6	6	2	2	2	4.5	0	4.5	
June 25, 2016	49	95	42	14	104	79	166	11	11	71.375	2	69.375	
June 26, 2016	81	102	42	14	104	79	166	11	11	76.25	2	74.25	
June 27, 2016	81	104	42	14	104	72	166	11	11	75.625	2	73.625	
June 28, 2016	81	118	42	14	104	79	166	11	11	78.25	2	76.25	
June 29, 2016	81	107	42	14	139	79	166	11	11	81.25	2	79.25	



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INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO.: AID-294-I-00-12-00002
TASK ORDER NO.: AID-294-TO-15-00010
TASK ORDER SHORT NAME: SWJ
Temporay Job Days Report



Task Order Name: Southwest Jenin Water Project
Contractor : The Morganti Group, Inc.
Sub-Contractor: Saqqa & Khoudary Co. Ltd.

PERIOD FROM: June 01, 2016
PERIOD TO: June 30, 2016

Date	Task Order Component									Total Job Days	Segregation by Gender		Notes / comments
	Site staff Job hours										Female	Male	
Month	Kuferit Reservoir	Ajja Reservoir	Jalqamous Reservoir	Kafer Ra'a Reservoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks	Chambers rehabilitations				
June 30, 2016	81	107	42	14	90	79	166	11	11	75.125	2	73.125	
Total Hours	2133	2316	1780	412	3488	1988	2746	604	294				
Total Days	266.63	289.5	222.5	51.5	436	248.5	343.25	75.5	36.75	1970.13	52	1918.125	



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14. Working / Non – Working Days

- 1 Total period of performance (Original): 480 Days
- 2 Total excusable delays/approved extension: None
- 3 Completion date: February 16, 2017
- 4 Modified completion date: --
- 5 Total no. of working days during this reporting period: 26
- 6 Accumulated working days: 200
- 7 Total no. of non-working days (holidays and weekends) during this reporting period: 3
- 8 Accumulated non-working days (holidays and weekends): 34
- 9 No. of other non-working days during this month: 0
- 10 Accumulated other non-working days: 15 (Rainy weather)
- 11 Accumulated non-working days (Item 8+Item 10): 49

Month	Working days	Non-working Days	
		Week Ends + Holidays	Others (Due to rain)
October 2015	5	1	0
November 2015	26	4	0
December 2015	27	4	0
January 2016	19	5	7
February 2016	20	4	5
March 2016	24	4	3
April 2016	25	5	0
May 2016	27	3	0
June 2016	27	3	0
Total	200	34	15



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15. Site Memos

Six site Memos was issued in this reporting period from contractor to CMC, and fourteen site memos were received from CMC during this reporting period

Site Memos to the Engineer			
No.	SM No.	Description	Submitted Date
1	SM-15-00010-KFR-C-E-008	Response of SM-15-00010-KFR-028 Unsatisfactory Work Practice Kufeirit Reservoir (KFR)	June 13, 2016
2	SM-15-00010-SMT-C-E-009	Response of SM-15-00010-SMT-031 Non-Complying Bedding Material for SMT Pipeline	June 21, 2016
3	SM-15-00010-TJT-C-E-010	Response of SM-15-00010-TJT-030 Unsafe Work Environment at Telfit-Jalqamus Force Line	June 22, 2016
4	SM-15-00010-TJT-C-E-011	Response of SM-15-00010-TJT-E-C-023(Unsafe Work Environment at Telfit-Jalqamous Force Line)	June 27, 2016
5	SM-15-00010-AJR-C-E-012	Response of SM-15-00010-AJR-C-E-011 (New Center for Ajja Reservoir and New Valve Vault Location)	June 30, 2016
6	SM-15-00010-MTR-C-E-013	Response of SM-15-00010-MTR-E-C-036 (Unsatisfactory Work Practice for Concrete Placing and Finishing)	June 30, 2016

Site Memos To Contractor			
No.	SM No.	Description	Submitted Date
1	SM-15-00010-KFR-E-C-028	Unsatisfactory Work Practice at Kuferit reservoir (KFR)	June 9, 2016
2	SM-15-00010-KFR-E-C-029	Response to SM-15-00010-KFR-C-E-008	June 14, 2016
3	SM-15-00010-TJT-E-C-030	Unsafe Work Environment at Telfit-Jalqamous Force Line	June 15, 2016
4	SM-15-00010-SMT-E-C-031	Non-Complying Bedding Material for SMT Pipeline	June 16, 2016
5	SM-15-00010-SMT-E-C-032	Unsatisfactory Work Practice at Sanour-Maythaloun Transmission Pipeline	June 23, 2016
6	SM-15-00010-SMT-E-C-033	Response to SM-15-00010-SMT-C-E-009	June 27, 2016
7	SM-15-00010-SWJ-E-C-034	Third-Party Test Report -Satisfactory Test Result	June 27, 2016
8	SM-15-00010-TJT-E-C-035	Response to SM-15-00010-TJT-C-E-010	June 27, 2016
9	SM-15-00010-MTR-E-C-036	Unsatisfactory work practice for concrete placing and finishing	June 29, 2016
10	SM-15-00010-ARR-E-C-037	Unsatisfactory practice of concrete placing and finishing	June 30, 2016
11	SM-15-00010-MTR-E-C-038	Response to SM-15-00010-MTR-C-E-013	June 30, 2016
12	SM-15-00010-AJR-E-C-039	Response to SM-15-00010-AJR-C-E-012	June 30, 2016

**16. Quality Control and Test Results**

The Quality Control Plan is established to provide all the necessary testing and documentation of the contract in order to assure that all work (Onsite/Offsite, Work by Subcontractors, Fabricators, Suppliers and Purchasing agents Subcontractors, Fabricators, and Suppliers) accomplished and all materials and equipment supplied are in accordance with the plans and specifications applicable to the work and meet the quality control provisions of the said plans and specifications.

The Quality Control Plan submitted to Engineer through submittal (SUB-15-00010-SWJ-010-B) to CMC and accepted. During this report period ,on site , several QC tests were conducted for concrete casting in Jalqamus , Al Mutilla, Kuferit , Arraba and Ajja Sites in which concrete sampling for compressive strength , slump , temperature and shrinkage tests were conducted , silica sand and fine aggregate random inspection and test was also conducted as part of QC plan, FDT for selected backfill layers under slab on grade of reservoirs were carried out, all test reports upon receive from Laboratory were submitted to CMC for approval .

Also due to current high temperature in project site, preventative actions were taken before casting concrete, during which Ice cubes were provided and spraying water on concrete mixer and mix aggregate to lower their temperature.

A total of thirty eight QC Submittals were submitted during the reporting period as per the following table, for more details please refer to below table and Annex (G) for cumulative on monthly basis.



CONTRACT NO. AID-294-I-00-12-00002
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Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
TEST-15-00010-ARR-081-B	07-Days Concrete Compressive Strength Test Reports (BM/CT/16571) – A1(35MPa) Base of the Arraba Reservoir (2000 m 3)	Concrete	June 1, 2016	June 8, 2016	A
TEST-15-00010-KFR-087-B	Test Report for FDT (field Density Test) Sub –Grade (ST/FD/16175), (ST/16155) – at Kufarit Reservoir Area=127m3	FDT	June 1, 2016	June 8, 2016	A
TEST-15-00010-JLR-106-B	28-Days Concrete Compressive Strength Test Reports (BM/CT/16520) – (B-30) Retaining Wall Between Points (1-2) / Jalqamus Reservoir	Concrete	June 1, 2016	June 8, 2016	A
TEST-15-00010-JLR-110-B	07-Days Concrete Compressive Strength Test Reports (BM/CT/16584) – (A1(35MPa (C))) footing of Jalqamus Reservoir	Concrete	June 1, 2016	June 8, 2016	A
TEST-15-00010-MTR-162-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16288) – (Type A1) trial for foundation Al-Mutilla Reservoir □	Concrete	June 1, 2016	June 8, 2016	A
TEST-15-00010-SWJ-163-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16615) – (A1(35 MPa (C))) Ready Mix Normal Concrete at Yabad Ready Mix Concrete Plant □	Concrete	June 1, 2016	June 8, 2016	A
TEST-15-00010-SWJ-164-A	Test Report for Sand equivalent (Silica Sand /Concrete Fine Aggregate) (BM/QC/16097) – at University Concrete Factory	Silica sand	June 1, 2016	June 8, 2016	A
TEST-15-00010-SWJ-165-A	Test Report for Sand equivalent (Silica Sand /Concrete Fine Aggregate) (BM/QC/16103) – at University Concrete Factory	Silica sand	June 1, 2016	June 8, 2016	A
TEST-15-00010-JLR-166-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16598) – (B-30) Retaining Wall Between Points (2-3) / Jalqamus Reservoir	Concrete	June 1, 2016	June 8, 2016	A
TEST-15-00010-TJT-167-A	Test Report for Back Fill Material (BM/QC/16130), Talfit – Jalqamus transmission pipe line between station(1+500 to 2+000) / at station 1+550 □	back fill	June 9, 2016	June 13, 2016	A
TEST-15-00010-TJT-168-A	Test Report for Back Fill Material (BM/QC/16131), Talfit – Jalqamus transmission pipe line between station (1+500 to 2+000) / combined aggregate mix (50% Hommos and 50 % Adas)	back fill	June 9, 2016	June 13, 2016	A
TEST-15-00010-TJT-169-A	Test Report for Back Fill Material (BM/QC/16132), Talfit – Jalqamus transmission pipe line between station (0+000 to 0+500) / (Somsom size)	back fill	June 9, 2016	June 13, 2016	A
TEST-15-00010-TJT-170-A	Test Report for Back Fill Material (BM/QC/16133), Talfit – Jalqamus transmission pipe line between station (0+000 to 0+500) / combined aggregate mix (50% Hommos and 50 % Adas)	back fill	June 9, 2016	June 13, 2016	A
TEST-15-00010-TJT-171-A	Test Report for Back Fill Material (BM/QC/16134), Talfit – Jalqamus transmission pipe line between station (1+000 to 1+500) / combined aggregate mix (50% Hommos and 50 % Adas)	back fill	June 12, 2016	June 13, 2016	A
TEST-15-00010-TJT-172-A	Test Report for Back Fill Material (BM/QC/16135), Talfit – Jalqamus transmission pipe line between station (01+000 to 1+500) / (Somsom size)	back fill	June 12, 2016	June 13, 2016	A
TEST-15-00010-TJT-173-A	Test Report for Back Fill Material (BM/QC/16136), Talfit – Jalqamus transmission pipe line between station (0+500 to 1+000) / (Somsom size)	back fill	June 12, 2016	June 13, 2016	A



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Southwest Jenin Water Project



Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
TEST-15-00010-TJT-174-A	Test Report for Back Fill Material (BM/QC/16137), Talfit – Jalqamus transmission pipe line between station (0+500 to 1+000) / combined aggregate mix (50% Hommos and 50 % Adas)	back fill	June 12, 2016	June 13, 2016	A
Test-15-00010-JLR-175-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16745) – (A1(35MPa(C))) Walls of the Reservoir/first stage of Jalqamus Reservoir	concrete	June 16, 2016	June 30, 2016	A
Test-15-00010-KFR-176-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16748) – (B-30) Retaining Wall Between Points (3-6) of Kuferit Reservoir	concrete	June 16, 2016	June 30, 2016	A
Test-15-00010-AJR-177-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16746) – (B-20) Blinding concrete for Retaining Wall Between Points (2-7) of Ajja Reservoir	concrete	June 16, 2016	June 30, 2016	A
Test-15-00010-AJR-178-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16750) – (B-30) Footing of Retaining Wall Between Points (1-2) & (1-7) of Ajja Reservoir	concrete	June 20, 2016	June 30, 2016	A
Test-15-00010-AJR-179-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16781) – (B-30) Retaining Wall Between Points (1-7) L= 10.5m & (1-2)L=10m and footing of boundary wall between points (1-2)L=8.5m of Ajja Reservoir	concrete	June 20, 2016	June 30, 2016	A
Test-15-00010-AJR-180-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16857) – (B-30) footing of Retaining Wall Between Points (3-4) of Ajja Reservoir	concrete	June 20, 2016	June 30, 2016	A
Test-15-00010-AJR-181-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16889) – (B-20) lean Concrete Pad for Retaining Wall Between Points (5-6) of Ajja Reservoir	concrete	June 20, 2016	June 30, 2016	A
Test-15-00010-AJR-182-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16888) – (B-30) Footing of Retaining Wall Between Points (4-5) of Ajja Reservoir	concrete	June 20, 2016	June 30, 2016	A
Test-15-00010-AJR-183-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16904) – (B-30) Boundary Wall Between Points (1-7) & (1-2) of Ajja Reservoir	concrete	June 20, 2016	June 30, 2016	A
Test-15-00010-KFR-184-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16760) – (B-30) Retaining Wall Between Points (1-7) second stage of Kuferit Reservoir	concrete	June 20, 2016	June 30, 2016	A
Test-15-00010-KFR-185-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16773) – (B-20) Lean concrete under reservoir floor slab of Kuferit Reservoir	concrete	June 20, 2016	June 30, 2016	A
Test-15-00010-KFR-186-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16858) – (A1(35MPa(C))) footing of the reservoir of Kuferit Reservoir	concrete	June 20, 2016	June 30, 2016	A
Test-15-00010-ARR-187-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16749) – (A1(35MPa)) Columns of Arraba Reservoir	concrete	June 20, 2016	June 30, 2016	A
Test-15-00010-ARR-188-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16759) – (B-30) Boundary Wall between Points (5-8)/ Arraba Reservoir	concrete	June 20, 2016	June 30, 2016	A
Test-15-00010-ARR-189-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16872) – (A1 (35MPa)) Walls of the reservoir /first stage – Second quarter / Arraba Reservoir	concrete	June 20, 2016	June 30, 2016	A
Test-15-00010-ARR-190-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16910) – (A1 (35MPa)) Walls of the reservoir / stage 2– B / Arraba Reservoir	concrete	June 20, 2016	June 30, 2016	A
TEST-15-00010-TJT-191-A	Test Report for Base Course (ST/16257), Jalqamus-Talfit transmission pipe line between stations(0+000-0+500)	Base Course	June 30, 2016		



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Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
TEST-15-00010-TJT-192-A	Test Report for Base Course (ST/16260), Jalqamus-Talfit transmission pipe line between stations(0+500-1+000)	Base Course	June 30, 2016		
TEST-15-00010-TJT-193-A	Test Report for Base Course (ST/16261), Jalqamus-Talfit Transmission Pipe line between stations(1+000-1+500)	Base Course	June 30, 2016		
TEST-15-00010-TJT-194-A	Test Report for Base Course (ST/16263), Jalqamus-Talfit Transmission Pipe Line Between stations(1+500-2+000)	Base Course	June 30, 2016		
TEST-15-00010-TJT-195-A	Test Report for Base Course (ST/16212), Stockpiling area at the project site / Ajja Reservoir	Base Course	June 30, 2016		



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17. Inspection Requests

Eighty four inspection requests were issued during the reporting period, for more details, please refer to Annex F

S. No.	Description	Submitting Date	Date Inspection Required	Actual Return Date	Status
IR-15-00010-SWJ-296-B	Inspection of High Potential Magnesium Anodes as attached Material Receiving Reports (MRR) at Jalqamus Storage Yard.	June 14, 2016	June 14, 2016	June 15, 2016	A
IR-15-00010-SWJ-301-A	Inspection of galvanized fittings and elbow (MRR) at Jalqamus Storage Yard.	June 1, 2016	June 2, 2016	June 2, 2016	A
IR-15-00010-AJR-302-A	Inspection of 2nd layer of Bituminous coat for retaining walls (foundation & stem) from point 7 to point 1 and from point 1 to point 2 prior to start backfilling works at Ajja Reservoir	June 2, 2016	June 2, 2016	June 2, 2016	A
IR-15-00010-ARR-303-A	Inspection of Installation for Expandable Water Stop SW30 at Arraba Reservoir / Quarter No. 2 – 2nd stage. Refer to attached certificate.	June 2, 2016	June 2, 2016	June 2, 2016	A
IR-15-00010-SMT-304-A	Inspection for marking the alignment of 10” pipeline for Sanour-Meithalon Main Transmission Pipeline.	June 2, 2016	June 2, 2016	June 2, 2016	A
IR-15-00010-ARR-305-A	Inspection of formwork for reservoir walls(Quarter No. 2-Stage 2-B)at Arraba Reservoir.	June 2, 2016	June 4, 2016	June 5, 2016	C
IR-15-00010-ARR-305-B	Inspection of formwork for reservoir walls(Quarter No. 2-Stage 2-B)at Arraba Reservoir.	June 5, 2016	June 5, 2016	June 5, 2016	C
IR-15-00010-ARR-305-C	Inspection of formwork for reservoir walls(Quarter No. 2-Stage 2-B)at Arraba Reservoir.	June 6, 2016	June 6, 2016	June 6, 2016	A
IR-15-00010-SMT-306-A	Inspection of delivered material 10” steel pipes as attached Material Receiving Reports (MRR-023,MRR-024,MRR-027,MRR-028 and MRR-029) at Sanur Yard.	June 2, 2016	June 4, 2016	June 5, 2016	A
IR-15-00010-AJR-307-A	Inspection of formwork and steel reinforcement for retaining wall foundation from section 5 to point 6 at Ajja Reservoir.	June 2, 2016	June 2, 2016	June 2, 2016	C
IR-15-00010-AJR-307-B	Inspection of formwork and steel reinforcement for retaining wall foundation from section 5 to point 6 at Ajja Reservoir.	June 6, 2016	June 7, 2016	June 7, 2016	A
IR-15-00010-AJR-308-A	Inspection of cast of concrete for retaining wall foundation from section 5 to point 6 at Ajja Reservoir.	June 2, 2016	June 5, 2016	June 5, 2016	C



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IR-15-00010-AJR-308-B	Inspection of cast of concrete for retaining wall foundation from section 5 to point 6 at Ajja Reservoir.	June 6, 2016	June 7, 2016	June 7, 2016	A
IR-15-00010-JLR-309-A	Inspection for fabrication ,welding & coating for vent thimbles for Jalqamus Reservoir at Jalqamus storage yard.	June 5, 2016	June 5, 2016	June 5, 2016	A
IR-15-00010-JLR-310-A	Inspection for fabrication ,welding & coating for washout pipe at Jalqamus storage yard.	June 5, 2016	June 5, 2016	June 5, 2016	A
IR-15-00010-ARR-311-A	Inspection of casting concrete for reservoir walls (Quarter No. 2 – Stage 2-B) at Arraba Reservoir	June 5, 2016	June 6, 2016	June 6, 2016	A
IR-15-00010-SWJ-312-A	Inspection of Seismic Cans as attached MRR. at Jalqamus storage yard.	June 6, 2016	June 6, 2016	June 7, 2016	A
IR-15-00010-KFR-313-A	Inspection of steel reinforcement for reservoir wall at Kuferit Reservoir.	June 6, 2016	June 7, 2016	June 7, 2016	C
IR-15-00010-KFR-313-B	Inspection of steel reinforcement for reservoir wall at Kuferit Reservoir.	June 9, 2016	June 12, 2016	June 12, 2016	A
IR-15-00010-KFR-314-A	Inspection for installation of Thimble (inlet ,outlet, altitude & overflow) and Access Manway at Kuferit Reservoir.	June 6, 2016	June 7, 2016	June 7, 2016	A
IR-15-00010-SMT-315-A	Inspection of implementing safety traffic plan for Sanour-Meithalon Transmission Pipeline.	June 7, 2016	June 8, 2016	June 8, 2016	C
IR-15-00010-SMT-315-B	Inspection of implementing safety traffic plan for Sanour-Meithalon Transmission Pipeline.	June 9, 2016	June 9, 2016	June 9, 2016	A
IR-15-00010-AJR-316-A	Inspection of surface preparation for stem and foundation of boundary walls from point 7 to point 1 and from point 1 to point 2 prior to apply 1st layer of bituminous coat at Ajja Reservoir	June 8, 2016	June 8, 2016	June 8, 2016	A
IR-15-00010-AJR-317-A	Inspection of 1st layer of Bituminous coat for stem and foundation of boundary walls from point 7 to point 1 and from point 1 to point 2 prior to apply 2nd layer of bituminous coat at Ajja Reservoir	June 8, 2016	June 8, 2016	June 8, 2016	A
IR-15-00010-AJR-318-A	Inspection of steel reinforcement for retaining wall stem from section 3-4 at Ajja Reservoir(first stage)	June 8, 2016	June 8, 2016	June 8, 2016	A
IR-15-00010-AJR-319-A	Inspection of 2nd layer of Bituminous coat for stem and foundation of boundary walls from point 7 to point 1 and from point 1 to point 2 prior to start backfilling works at Ajja Reservoir	June 9, 2016	June 9, 2016	June 9, 2016	A
IR-15-00010-AJR-320-A	Inspection of formwork for retaining wall stem from section 3-4 at Ajja Reservoir(first stage) .	June 9, 2016	June 12, 2016	June 12, 2016	A
IR-15-00010-AJR-321-A	Inspection of casting concrete for retaining wall stem from section 3-4 at	June 9, 2016	June 12, 2016	June 13, 2016	A



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FROM THE AMERICAN PEOPLE

	Ajja Reservoir(first stage) .				
IR-15-00010-AJR-322-A	Inspection of steel reinforcement for retaining wall stem from section 4-5 at Ajja Reservoir(first stage) .	June 9, 2016	June 11, 2016	June 12, 2016	A
IR-15-00010-KFR-323-A	Inspection for installation of Expandable Water StopSW30 for reservoir wall with attached certificateat Jalqamus Reservoir	June 9, 2016	June 11, 2016	June 12, 2016	A
IR-15-00010-JLR-324-A	Inspection for installation Seismic Cans for Jalqamus Reservoir (second stage).	June 12, 2016	June 13, 2016	June 13, 2016	A
IR-15-00010-JLR-325-A	Inspection for steel reinforcement for top slab at Jalqamus Reservoir.	June 12, 2016	June 13, 2016	June 13, 2016	A
IR-15-00010-JLR-326-A	Inspection of formwork for top slab at Jalqamus Reservoir.	June 12, 2016	June 13, 2016	June 13, 2016	A
IR-15-00010-JLR-327-A	Inspection for casting concrete for top slab at Jalqamus Reservoir.	June 12, 2016	June 13, 2016	June 14, 2016	A
IR-15-00010-JLR-328-A	Inspection for installation of balance tank vent and level indicator thimble at Jalqamus Reservoir.	June 12, 2016	June 13, 2016	June 13, 2016	A
IR-15-00010-KRR-329-A	Inspection for start excavation at Kafer Ra'i Reservoir.	June 15, 2016	June 15, 2016	June 15, 2016	C
IR-15-00010-KRR-329-B	Inspection for start excavation at Kafer Ra'i Reservoir.	June 16, 2016	June 16, 2016	June 16, 2016	A
IR-15-00010-AJR-330-A	Inspection of formwork for retaining wall stem from section 4-5 at Ajja Reservoir(first stage) .	June 15, 2016	June 16, 2016	June 16, 2016	A
IR-15-00010-AJR-331-A	Inspection of casting concrete for retaining wall stem from section 4-5 at Ajja Reservoir(first stage) .	June 15, 2016	June 16, 2016	June 16, 2016	A
IR-15-00010-AJR-332-A	Inspection of formwork for lean concrete under foundation of retaining wall from section 2-3 at Ajja Reservoir.	June 16, 2016	June 16, 2016	June 16, 2016	A
IR-15-00010-AJR-333-A	Inspection of casting lean concrete for retaining wall foundation from section 2-3 at Ajja Reservoir .	June 16, 2016	June 16, 2016	June 16, 2016	A
IR-15-00010-MTB-334-A	Inspection of implementing safety and traffic signs for Al Mutilla Booster Station.	June 16, 2016	June 19, 2016	June 20, 2016	C
IR-15-00010-AJR-335-A	Inspection of installation of washout pipes DN:150 mm at Ajja reservoir .	June 19, 2016	June 20, 2016	June 20, 2016	A
IR-15-00010-MTR-336-A	Inspection of Installation of PVC Waterstop / Supercast Watafoil S250 for Reservoir Foundation at Al Mutilla Reservoir. Refer to attached certificate.	June 19, 2016	June 20, 2016	June 20, 2016	A
IR-15-00010-KFR-337-A	Inspection of external formwork for reservoir wall at Kuferit Reservoir.	June 20, 2016	June 21, 2016	June 22, 2016	C
IR-15-00010-KFR-337-B	Inspection of external formwork for reservoir wall at Kuferit Reservoir.	June 23, 2016	June 23, 2016	June 23, 2016	A
IR-15-00010-KFR-338-A	Inspection of Formwork and Steel reinforcement for reservoir column at Kufeirit Reservoir	June 20, 2016	June 21, 2016	June 22, 2016	C
IR-15-00010-	Inspection of Formwork and Steel	June 23, 2016	June 23, 2016	June 23, 2016	A



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KFR-338-B	reinforcement for reservoir column at Kufeirit Reservoir				
IR-15-00010-AJR-339-A	Inspection of steel reinforcement for retaining wall stem from section 4-5 at Ajja Reservoir(second stage) .	June 21, 2016	June 21, 2016	June 21, 2016	A
IR-15-00010-AJR-340-A	Inspection of steel reinforcement for retaining wall stem from section 5-6 at Ajja Reservoir.	June 21, 2016	June 21, 2016	June 21, 2016	A
IR-15-00010-MTR-341-A	Inspection for installation of Thimble (inlet ,outlet, altitudeand washout) at Al MutillaReservoir.	June 22, 2016	June 23, 2016	June 23, 2016	C
IR-15-00010-MTR-341-B	Inspection for installation of Thimble (inlet ,outlet, altitudeand washout) at Al MutillaReservoir.	June 26, 2016	June 26, 2016	June 27, 2016	A
IR-15-00010-KFR-342-A	Inspection of casting concrete for reservoir column at Kufeirit Reservoir	June 23, 2016	June 23, 2016	June 23, 2016	A
IR-15-00010-KFR-343-A	Inspection of casting concrete for reservoir wall at Kuferit Reservoir.	June 23, 2016	June 23, 2016	June 23, 2016	A
IR-15-00010-MTR -344-A	Inspection of formwork and steel reinforcement for bottom slab at Al Mutilla Reservoir.	June 23, 2016	June 23, 2016	June 23, 2016	C
IR-15-00010-MTR -344-B	Inspection of formwork and steel reinforcement for bottom slab at Al Mutilla Reservoir.	June 26, 2016	June 26, 2016	June 26, 2016	A
IR-15-00010-MTR -345-A	Inspection of casting concrete for bottom slab and stairs at Al Mutilla Reservoir.	June 23, 2016	June 26, 2016	June 27, 2016	C
IR-15-00010-MTR -345-B	Inspection of casting concrete for bottom slab and stairs at Al Mutilla Reservoir.	June 30, 2016	July 2, 2016	July 3, 2016	C
IR-15-00010-AJR-346-A	Inspection of formwork for retaining wall stem from sections 4-5 and section 5-6 at Ajja Reservoir.	June 23, 2016	June 25, 2016	June 26, 2016	A
IR-15-00010-AJR-347-A	Inspection of casting concrete for retaining wall stem from section 4-5 (second stage) and section 5-6 at Ajja Reservoir	June 23, 2016	June 25, 2016	June 26, 2016	A
IR-15-00010-AJR-348-A	Inspection of casting concrete of incensement for washout pipes DN:150 mm at Ajja reservoir .	June 23, 2016	June 25, 2016	June 26, 2016	A
IR-15-00010-ARR-349-A	Inspection for installation of Seismic Cans for Arraba Reservoir	June 26, 2016	June 26, 2016	June 26, 2016	A
IR-15-00010-ARR-350-A	Inspection of steel reinforcement for top slab at Arraba Reservoir.	June 26, 2016	June 26, 2016	June 27, 2016	C
IR-15-00010-ARR-350-B	Inspection of steel reinforcement for top slab at Arraba Reservoir.	June 27, 2016	June 28, 2016	June 29, 2016	A
IR-15-00010-ARR-351-A	Inspection of formwork for top slab at Arraba Reservoir.	June 26, 2016	June 26, 2016	June 27, 2016	C
IR-15-00010-ARR-351-B	Inspection of formwork for top slab at Arraba Reservoir.	June 27, 2016	June 28, 2016	June 29, 2016	A
IR-15-00010-SMT-352-A	Inspection of road crossing and pipe incensement from STA. 1+579 to STA.1+597 at Sanour-Meithalon Main Transmission Pipeline .	June 26, 2016	June 26, 2016	June 27, 2016	A



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IR-15-00010-ARR-353-A	Inspection for installation roof vent 8” sleeve pipes and level indicator 4” sleeve pipe at Arraba Reservoir .	June 27, 2016	June 27, 2016	June 27, 2016	C
IR-15-00010-ARR-353-B	Inspection for installation roof vent 8” sleeve pipes and level indicator 4” sleeve pipe at Arraba Reservoir .	June 28, 2016	June 28, 2016	June 29, 2016	A
IR-15-00010-AJR-354-A	Inspection of formwork and Steel reinforcement for retaining wall foundation from point 2 to pint 3 at Ajja Reservoir(first stage).	June 27, 2016	June 28, 2016	June 29, 2016	A
IR-15-00010-AJR-355-A	Inspection of casting lean concrete for retaining wall foundation from point 2 to pint 3 at Ajja Reservoir(second stage).	June 27, 2016	June 28, 2016	June 29, 2016	A
IR-15-00010-AJR-356-A	Inspection of casting concrete for retaining wall foundation from point 2 to pint 3 at Ajja reservoir(first stage).	June 27, 2016	June 28, 2016	June 29, 2016	A
IR-15-00010-AJR-357-A	Inspection of reduced level and compaction for sub grade of reservoir at Ajja Reservoir.	June 28, 2016	June 28, 2016	June 29, 2016	A
IR-15-00010-AJR-358-A	Inspection of backfilling works for retaining wall from section 1-7 prior to start installation of filter fabric at Ajja Reservoir.	June 28, 2016	June 28, 2016	June 29, 2016	A
IR-15-00010-ARR-359-A	Inspection of cast of concrete for top slab at Arraba Reservoir.	June 29, 2016	June 29, 2016	June 29, 2016	A
IR-15-00010-AJR-360-A	Inspection of formwork for retaining wall and boundary wall foundation from point 2 to pint 3 at Ajja Reservoir(second stage).	June 30, 2016	June 30, 2016	June 30, 2016	A
IR-15-00010-AJR-361-A	Inspection of steel reinforcement for retaining wall and boundary wall foundation from point 2 to pint 3 at Ajja Reservoir(second stage).	June 30, 2016	June 30, 2016	June 30, 2016	A
IR-15-00010-AJR-362-A	Inspection of steel reinforcement for retaining wall stem from section 3-4 at Ajja Reservoir(second stage) .	June 30, 2016	June 30, 2016	June 30, 2016	A
IR-15-00010-AJR-363	Inspection of steel reinforcement for retaining wall stem from section 2-3 at Ajja Reservoir(first stage) .	June 30, 2016	June 30, 2016	June 30, 2016	A
IR-15-00010-AJR-364-A	Inspection of casting concrete for retaining wall and boundary wall foundation from point 2 to pint 3 at Ajja Reservoir(second stage).	June 30, 2016	July 2, 2016	July 3, 2016	C
IR-15-00010-AJR-365-A	Inspection of formwork for retaining wall stem from section 3-4 at Ajja Reservoir(second stage) .	June 30, 2016	July 2, 2016	July 3, 2016	C
IR-15-00010-AJR-366-A	Inspection of casting concrete for retaining wall stem from section 3-4 at Ajja Reservoir(second stage) .	June 30, 2016	July 2, 2016	July 3, 2016	C
IR-15-00010-AJR-367-A	Inspection of formwork for retaining wall stem from section 2-3 at Ajja Reservoir(first stage) .	June 30, 2016	July 2, 2016	July 3, 2016	C



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IR-15-00010-AJR-368-A	Inspection of casting concrete for retaining wall stem from section 2-3 at Ajja Reservoir(first stage) .	June 30, 2016	July 2, 2016	July 3, 2016	C
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18. Noncompliance report log-NCR

No NCR's were issued during this reporting period.

19. Submittals

A total of fifty two Submittals were submitted during the reporting period as per the following table. For complete listing of submittals refer to Annex I, Submittal Log.

The number of submitted submittals in June, 2016 is 53, 28 with status A, 6 with status B, 5 with status C and 8 with status E & 5 pending .



USAID WEST BANK - GAZA - INFRASTRUCTURE NEEDS PROGRAM II (INPII)

CONTRACT NO. AID-294-I-00-12-00002

TASK ORDER NO. AID-294-TO-15-00010

Southwest Jenin Water Project



TASK ORDER SUBMITTALS LOG						
No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
159	SUB-15-00010-MTR-098-D	Al Mutilla Elevated Reservoir piping Plan & Sections-For Construction	Shop Drawing	June 13, 2016	June 15, 2016	A
232	SUB-15-00010-ARR-148-B	Arraba Reservoir Mechanical Shop Drawings	Shop Drawing	June 27, 2016	June 28, 2016	E
254	SUB-15-00010-JLR-161-B	At Grade 1000 m3 Jalqamus Reservoir Piping Plan & Sections	Material-Mec	June 27, 2016	June 28, 2016	E
262	SUB-15-00010-AJR-099-D	Layout for Ajja Reservoir	Shop Drawing	June 28, 2016	June 29, 2016	A
302	SUB-15-0010-KRR-190-C	Shop Drawing for Retainig Wall for Kafer Ra'i Reservoir-For Construction	Shop Drawing	June 21, 2016	June 29, 2016	A
333	SUB-15-00010-SMT-211-C	Sanur Connection Changers Shop Drawings-For Construction	Shop Drawing	June 16, 2016	June 23, 2016	A
404	SUB-15-00010-AJR-259-D	Ajja 1000 m3 Reservoir Thimble & Under Drain Plan	Material-Mec	June 7, 2016	June 8, 2016	A
409	SUB-15-00010-TJT-262-B	AUU Connection Chamber Shop Drawings	Shop Drawing	June 27, 2016	June 28, 2016	E
415	SUB-15-00010-JMT-264-C	Mughayyir Connection Chamber Shop Drawings-For Construction	Shop Drawing	June 1, 2016	June 6, 2016	A
421	SUB-15-00010-JLT-266-C	Umatut Connection Chamber Shop Drawings-For Construction	Shop Drawing	June 1, 2016	June 6, 2016	A
425	SUB-15-00010-KRR-268-B	Excavation Plan For Kafer Ra'i Reservoir	Pre-Construction	June 30, 2016		UnderReview
429	SUB-15-00010-KRR-271-B	Kafer Ra'i 1000 m3 Reservoir Thimble & Under Drain Plan	Shop Drawing	June 13, 2016	June 15, 2016	A
436	SUB-15-00010-SWJ-276-B	QC Matrix	Pre-Construction	June 8, 2016	June 21, 2016	A
442	SUB-15-00010-SWJ-280-C	Float Level Indicator Shop Drawing-For Construction	Shop Drawing	June 22, 2016	June 23, 2016	A
445	SUB-15-00010-TJT-281-C	AAU Connection Chamber Shop Drawings-For Construction	Shop Drawing	June 23, 2016	June 28, 2016	A
447	SUB-15-00010-SWJ-282-B	SWJ Flow Control Valve	Materila-Mec	June 19, 2016	July 3, 2016	C
449	SUB-15-00010-SWJ-283-B	SWJ Pressure Reducing Valve	Materila-Mec	June 19, 2016	June 28, 2016	A
452	SUB-15-00010-SWJ-284-C	Altitude Level Control Valve	Materila-Mec	June 19, 2016	June 28, 2016	A
470	SUB-15-00010-ARR-296-B	Arraba 2000 m3 Reservoir Yard Piping and Fabrication Drawing	Shop Drawing	June 13, 2016	June 19, 2016	B
471	SUB-15-00010-ARR-296-C	Arraba 2000 m3 Reservoir Yard Piping and Fabrication Drawing-For Construction	Shop Drawing	June 26, 2016	June 28, 2016	A
478	SUB-15-00010-MTR-301-B	Lightning System Shop Drawing for Al Mutilla Elevated Reservoir	Shop Drawing	June 5, 2016	June 7, 2016	A
480	SUB-15-00010-AJR-302-B	Lightning System Shop Drawing for Ajja Reservoir	Shop Drawing	June 5, 2016	June 7, 2016	A
482	SUB-15-00010-ARR-303-B	Lightning System Shop Drawing for Arraba Reservoir	Shop Drawing	June 5, 2016	June 7, 2016	A
484	SUB-15-00010-JLR-304-B	Lightning System Shop Drawing for Jalqamus Reservoir	Shop Drawing	June 5, 2016	June 7, 2016	A
486	SUB-15-00010-KFR-305-B	Lightning System Shop Drawing forKuferit Reservoir	Shop Drawing	June 5, 2016	June 7, 2016	A
491	SUB-15-00010-JLR-308-C	Jalqamus 1000 m3 Reservoir Yard Piping and Fabrication Drawing-For Construction	Shop Drawing	June 13, 2016	June 15, 2016	A
503	SUB-15-00010-SMT-319-B	Shop Drawings Cathodic Protection System Sanour -Meithalon Main Transmission Pipeline(10") From STA. 0+000 - 1+594	Shop Drawing	June 15, 2016	June 21, 2016	B
505	SUB-15-00010-SMT-320-B	Shop Drawings Cathodic Protection System Sanour -Meithalon Main Transmission Pipeline(10") From STA. 1+593 - 3+648	Shop Drawing	June 15, 2016	June 21, 2016	B
510	SUB-15-00010-KFR-322-B	Kufairt Yard Piping & Fabrication Shop Drawings	Shop Drawing	June 27, 2016		UnderReview
516	SUB-15-00010-SWJ-326-B	Tank Roof Vent Shop Drawing	Shop Drawing	June 22, 2016	June 23, 2016	A
519	SUB-15-00010-SWJ-328-B	Method of Statement for Concrete Temperature Control	Method Statement	June 28, 2016	July 3, 2016	B
522	SUB-15-00010-KFR-330-B	Kuferit Rservoir Valve Vault Structural Drawing	Shop Drawing	June 28, 2016		UnderReview
525	SUB-15-00010-SWJ-332-B	Alternative Expansion JoinFlexicraft	Material-Mec	June 27, 2016	June 28, 2016	E
528	SUB-15-00010-SWJ-334-A	GSM and DC Flow Meters With Pressure Transmitters For Chambers	Material-Elec	June 2, 2016	June 15, 2016	C



USAID WEST BANK - GAZA - INFRASTRUCTURE NEEDS PROGRAM II (INPII)

CONTRACT NO. AID-294-I-00-12-00002

TASK ORDER NO. AID-294-TO-15-00010

Southwest Jenin Water Project



TASK ORDER SUBMITTALS LOG						
No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
529	SUB-15-00010-SWJ-334-B	GSM and DC Flow Meters With Pressure Transmitters For Chambers	Material-Elec	June 16, 2016	June 20, 2016	A
535	SUB-15-00010-SWJ-339-B	Equipment And System Operation And Maintenance Manuals	preconstruction	June 16, 2016	June 27, 2016	B
537	SUB-15-00010-SWJ-340-B	Stenflex Expansion Joint	Material-Mec	June 9, 2016	June 14, 2016	A
539	SUB-15-00010-MTR-342-A	Updated Structural Design Formwork of Slab for Al Mutilla Reservoir	Shop Drawing	June 2, 2016	June 6, 2016	E
540	SUB-15-00010-SWJ-343-A	Updated Structural Design Formwork of Slab for 1000m3 Reservoirs (Ajja Reservoir, Jalqamus Reservoir and Kafer Ra'i Reservoir)	Shop Drawing	June 2, 2016	June 6, 2016	E
541	SUB-15-00010-SWJ-344-A	AC Modbus Flowmeter for Booster & Reservoirs	Material-Elec	June 2, 2016	June 12, 2016	C
542	SUB-15-00010-SWJ-344-B	AC Modbus Flowmeter for Booster & Reservoirs	Material-Elec	June 14, 2016	June 29, 2016	A
543	SUB-15-00010-MTB-345-A	Al-Mutilla Booster Shed Calculation	preconstruction	June 5, 2016	June 7, 2016	E
544	SUB-15-00010-MTB-346-A	Al-Mutilla Booster Shed Shop Drawing	Shop Drawing	June 5, 2016	June 7, 2016	B
545	SUB-15-00010-MTB-346-B	Al-Mutilla Booster Shed Shop Drawing-For Construction	Shop Drawing	June 13, 2016	June 20, 2016	A
546	SUB-15-00010-SWJ-347-A	Updated CPM Schedule Submittal May 31,2016	preconstruction	June 9, 2016	June 23, 2016	B
547	SUB--15-00010-SWJ-348-A	Method Statement for Cast of Concrete for Reservoirs Top Ceiling (Arraba, Jalqamus, Kufeirit, Ajja, Kafer Ra'i and Al Mutilla Reservoirs)	preconstruction	June 9, 2016	June 20, 2016	A
548	SUB--15-00010-SWJ-349-A	Method Statement for Cast of Concrete for Walls of Kufeirit Reservoirs	preconstruction	June 9, 2016	June 29, 2016	A
549	SUB--15-00010-SWJ-350-A	Motorized Gate Valve Actuator - Alternative	Material-Mec	June 9, 2016	June 19, 2016	C
550	SUB--15-00010-MTB-351-A	Traffic Plan for Al Mutilla Booster Station	Pre-Construction	June 15, 2016	July 3, 2016	A
551	SUB-15-00010-JMT-352-A	Mughayyir Connection Chamber Revised Shop Drawings	Shop Drawing	June 23, 2016	June 30, 2016	A
552	SUB--15-00010-SWJ-353-A	Training (Out Line)	preconstruction	June 23, 2016	June 29, 2016	C
553	SUB-15-00010-SWJ-354-A	Confined Space Safety Plan	preconstruction	June 27, 2016	June 29, 2016	C
554	SUB-15-00010-ARR-355-A	Updated Structural Design Formwork for Arraba Reservoir	Shop Drawing	June 28, 2016	June 29, 2016	E



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20. Request for Information

No Request for Information was issued during the reporting period – For more details, please refer to Annex J.

No.	RFI No.	Project	Description	Submitted Date	Response Date
1.					

21. Letters and Correspondence with USAID

- a. Eight emails were received from USAID representative during this reporting period as per Table 22.1 (Incoming emails), for more information please refer to Annex K (Submittal Log).
- b. Thirteen emails were sent to USAID representative to Morganti during this reporting period as per Table 22.2, (Outgoing emails), for more information please refer to Annex K (Submittal Log).



USAID WEST BANK/ GAZA
 INFRASTRUCTURE NEEDS PROGRAM INPII
 CONTRACT NO. AID-294-I-00-12-00002
 TASK ORDER NO. AID-294-TO-15-00010
 Southwest Jenin Water Project



INCOMING EMAILS LOG

No.	DCN No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
	TMGI-15-00010-IN-0058	Re: TO 15-00010 SWJ: Contractor MPR April 2016 _ Review Comments	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	June 2, 2016
	TMGI-15-00010-IN-0059	PVS: Eligible Determination	Kamal Kasbary	USAID	Ghassan Alami	Morganti	June 3, 2016
	TMGI-15-00010-IN-0060	SWJ VO#1	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	June 9, 2016
	TMGI-15-00010-IN-0061	Re: TO 15-00010 SWJ: Contractor MPR April 2016 _ Review Comments	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	June 14, 2016
	TMGI-15-00010-IN-0062	Re: TO 15-00010 SWJ: Contractor MPR April 2016 _ Review Comments	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	June 16, 2016
	TMGI-15-00010-IN-0063	Re: TO-15-10-SWJ: Construction Monthly Progress # 07 for May , 2016	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	June 17, 2016
	TMGI-15-00010-IN-0064	Re: FW: TO 15-00010 SWJ: Contractor MPR April 2016 _ Review Comments	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	June 20, 2016
	TMGI-15-00010-IN-0065	Re: TO-15-10-SWJ: Construction Monthly Progress # 07 for May , 2016	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	June 28, 2016



USAID WEST BANK/GAZA
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CONTRACT NO. AID-294-I-00-12-00002
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Southwest Jenin Water Project



OUTGOING EMAILS LOG

No.	DC No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
	TMGI-15-00010-OUT-0054	RE: TO 15-00010 SWJ: Contractor MPR April 2016 _ Review Comments	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	June 1, 2016
	TMGI-15-00010-OUT-0055	RE: TO-15-10-SWJ: Construction Monthly Progress # 07 for May , 2016	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	June 5, 2016
	TMGI-15-00010-OUT-0056	RE: SWJ : shipments of coated 6''' pipes	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	June 12, 2016
	TMGI-15-00010-OUT-0057	RE: TO 15-00010 SWJ :Site Memo No.028 _ Sent	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	June 13, 2016
	TMGI-15-00010-OUT-0058	RE: TO 15-00010 SWJ: Contractor MPR April 2016 _ Review Comments	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	June 13, 2016
	TMGI-15-00010-OUT-0059	RE: TO 15-00010 SWJ: Contractor MPR April 2016 _ Review Comments	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	June 16, 2016
	TMGI-15-00010-OUT-0060	FW: TO 15-00010 SWJ: Contractor MPR April 2016 _ Review Comments	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	June 18, 2016
	TMGI-15-00010-OUT-0061	RE: TO 15-10-SWJ: Geo-MIS audit meeting "May 2016"	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	June 18, 2016
	TMGI-15-00010-OUT-0062	RE: SWJ : shipments of coated 6''' pipes	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	June 19, 2016
	TMGI-15-00010-OUT-0063	SWJ-TO-15-00010-Vetting Request- BSF Metals Ltd	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	June 20, 2016
	TMGI-15-00010-OUT-0064	RE: TO 15-00010 SWJ: Contractor MPR April 2016 _ Review Comments	Sommaya Abdallah	Morganti	Kamal Kasbary	USAID	June 28, 2016
	TMGI-15-00010-OUT-0065	RE: TO 15-00010 SWJ: Contractor MPR April 2016 _ Review Comments	Sommaya Abdallah	Morganti	Kamal Kasbary	USAID	June 28, 2016
	TMGI-15-00010-OUT-0066	RE: TO-15-10-SWJ: Construction Monthly Progress # 07 for May , 2016Rev.	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	June 28, 2016



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22. Transmittals

Transmittal No.	Description	Submitting Date
TRS.0010.C-E-080	SUB-15-00010-JLT-266-A Umatut Connection Chamber Shop Drawings SUB-15-00010-AJR-267-A Excavation Plan For Ajja Reservoir	June 01, 2016
TRS.0010.C-E-082	SUB-15-00010-KRR-268-A Excavation Plan For Kafer Ra'i Reservoir SUB-15-00010-SWJ-269 -A Method Statement for Cast of Concrete for Reservoirs (Foundation and Walls)1000 m3 Reservoirs	June 02, 2016
TRS.0010.C-E-083	B-15-00010-AJP-270-A "Shop Drawings, Plan, Profile & Typical Section Ajja Feeder Line (8") From STA. 0+443 - 1+260"	June 05, 2016
TRS.0010.C-E-084	B-15-00010-SMT-225-C Sanur Meithalun Flow Monitoring Vault Shop Drawings B-15-00010-CHR-243-B Chamber Rehabilitation Dilapidation Survey SUB-15-00010-KRR-271-A Kafer Ra'I 1000 m3 Reservoir Thimble & Under Drain Plan	June 09, 2016
TRS.0010.C-E-085	SUB-15-00010-SWJ-272-A Light Fixture SUB-15-00010-AJP-273-A Traffic Plan for Ajja Pipeline SUB-15-00010-YKT-274-A Traffic Plan for Kufेरit Pipeline	June 10, 2016
TRS.0010.C-E-086	SUB-15-00010-SWJ-025-B Concrete Batch Plants SUB-15-00010-SWJ-054-C Booster Pumps/KSB SUB-15-00010-SWJ-068-B Mechanical Coupling/FlexLock SUB-15-00010-SWJ-080-B Colored PVC Pipes-Conduit for Power and Light SUB-15-00010-SWJ-093-B Class B35 Cylinder Concrete Ready Mix Design(Zakarneh Batch Plant) SUB-15-00010-SWJ-095-B B35 Concrete Ready Mix Design-Me'June Batch plant SUB-15-00010-SWJ-104-B B20/B25/B30/B35 Concrete Ready Mix Design-(Zakarneh Batch Plant) SUB-15-00010-SWJ-151-C Swellable Water Stop (SW10) Method Statement SUB-15-00010-TJT-188-C Shop Drawings-Telfit - Jalqamus Force Line (6") Plan, Profile & Typical Section From STA. 0+000 - to STA. 2+137-For Construction SUB-15-00010-SMT-250-B "Shop Drawings For Sanour-Meithalon Main Transmission Pipeline (10"+6""Plan, Profile & Typical Section(Meithalon Well) From STA. 0+000 - 0+134 (10""From STA. 0+000 - 0+086 (10""+6"""	June 11, 2016



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	SUB-15-00008-SWJ-252 -B Location	Temporary Storage Yard	
	SUB-15-00010-SWJ-275-A Engineer Qualifications	Contractor's Corrosion	
	SUB-15-00010-SWJ-276-A	QC Matrix	
TRS.0010.C-E-087	SUB-15-00010-SWJ-277-A	Swing check DN50 & Smaller	June 12, 2016
TRS.0010.C-E-088	SUB-15-00010-MTB-249-B SUB-15-00010-SWJ-278-A Submittal June ch 31,2016 SUB15-00010-SWJ-279-A	Main Distribution Board Updated CPM Schedule Thioflex 600 Material & Method Statement	June 14, 2016
TRS.0010.C-E-089	SUB-15-00010-SWJ-155-C Testing Report SUB-15-00010-ARR-206-B Thimble Plan-For Construction SUB-15-00010-SWJ-280-A	Welder's Qualification Arraba 2000m3 Reservoir Float Level Indicator Shop Drawing	June 15, 2016
TRS.0010.C-E-090	SUB-15-00010-TJT-281-A Shop Drawings SUB-15-00010-SWJ-282-A SUB-15-00010-SWJ-283-A Valve SUB-15-00010-SWJ-284-A Valve	AAU Connection Chamber SWJ Flow Control Valve SWJ Pressure Reducing Altitude Level Control	June 17, 2016
TRS.0010.C-E-091	SUB-15-00010-SWJ-221-B Installation Testing of CP Reference Electrodes Test Station SUB-15-00010-JMT-238-C "Shop Drawings Jalqamus- Mughayyir Force Line (6") Plan, Profile & Typical Section From STA. 0+000 - to STA. 2+754-For Construction" SUB-15-00010-SWJ-242-C 250mm Gate Valve Chamber Mechanical Drawing-For Construction SUB15-00010-SWJ-285-A BILCO Hatches SUB-15-00010-TJT-286-A Specific Method of Statement for Pipeline Construction-Talefit -Jalqamus Transmission Pipeline SUB-15-00010-TJT-288-A Telfit - Jalqamus pipe line Fabricated Elbows Design		June 18, 2016
TRS.0010.C-E-092	SUB-15-00010-SWJ-177-B Combination Air Valve 2",3 " & 4" SUB-15-00010-SWJ-287-A Floor Drain SUB-15-00010-SWJ-289-A 75mm AVAR Mechanical Drawing SUB-15-00010-ARR-290-A Updated at Grade 2000 m3 Arraba Reservoir Formwork Drawings SUB-15-00010-SWJ-291-A "Washout chamber		June 19, 2016



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	DN:100,75 mm Mechanical Drawing"	
TRS.0010.C-E-093	SUB-15-00010-AJR-259-B Ajja 1000 m3 Reservoir Thimble & Under Drain Plan SUB-15-00010-SWJ-292-A Welder Qualification (CV,ID)Complementary SUB-15-00010-YKT-293-A "Shop Drawings Plan, Profile & Typical SectionKuferit Force Line (6") From STA. 0+000 - 2+460" SUB-15-00010-SWJ-294-A DN: 200,150mm Gate Valve Chamber Mechanical Drawing	June 21, 2016
TRS.0010.C-E-094	SUB-15-00010-SWJ-136-C Manhole Steps-Samples and Data SUB-15-00010-MTB-295-A Excavation Plan For Al Mutilla Booster Station	June 24, 2016
TRS.0010.C-E-095	SUB-15-00010-ARR-296-A Arraba 2000 m3 Reservoir Yard Piping and Fabrication Drawing B-15-00010-TJT-297-A "Detour of Telfit-Jalqamus Transmission Pipeline (Dilapidation Survey Video)" B-15-00010-KFR-298-A "Detour of Yabad-Kuferit Transmission Pipeline(Dilapidation Survey Video)"	June 25, 2016
TRS.0010.C-E-096	SUB-15-00010-SWJ-272-B Light Fixture	June 26, 2016

23. Payments:

One payment was issued during this reporting period ,for more detail for payment schedule refer to annex L,

Payment No.	Description	Submitted Date	Amount	Amount Received	Date Received
PAY-15-00010-SWJ-005	Progress payment # 5	June 28, 2016	\$525,880.76		Pending

24. Variation Orders

VO. No.	Description	VO Status	USAID Approval date	Variation Order Amount	Time Extension Days

No variation orders issued during this reporting period. for more detail for payment schedule refer to annex



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25. Variation Order Requests

One variation order request issued during this reporting period. for more detail for payment schedule refer to annex

VO. No.	Description	Submission Date.	Variation Order Amount	Time Extension Days
VOR-15-00010-SWJ-001-D	New Definitive Quantities	June 12, 2016	122,036.63	55

26. Obstacles and Challenges

There were many obstacles were taken place during this period, such as heat wave with high temperature degrees affected work on site and limiting casting of concrete ..

The differing site conditions and variations in Kufer Rai and Ajja sites affected the progress of work.

2. PROGRESS PHOTOS (GENERAL)



SWJ-1 Weekly meeting no.12



SWJ- Marking of pipe line



SWJ -1 Community outreach – Flyers



SWJ -2 Community outreach – Flyers



SWJ -3 Community outreach – Flyers



SWJ-1 Delivery of 6” pipes



SWJ-1 6” pipes delivery



SWJ-1 Site Visit

3. PROGRESS PHOTOS (ARRABA)



ARR-1 Reservoir walls formwork



ARR-3 Reservoir walls curing



ARR-1 toolbox meeting



ARR-2 formwork on walls



ARR-2 casting concrete for walls



ARR-1 cleaning and housekeeping



ARR-1 Roof slab formworks



ARR-1 reservoir inside formwork



ARR-1 steel formwork support to roof slab



ARR-1 formwork for reservoir roof slab



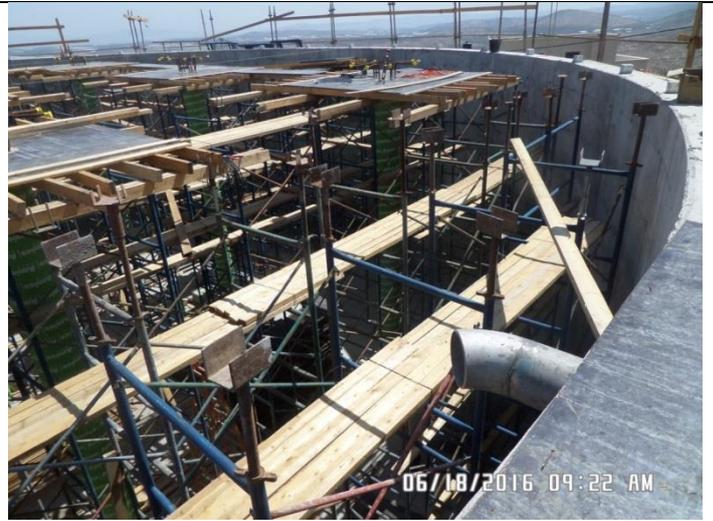
ARR-2 formwork for reservoir roof slab



ARR-1 safety harness on reservoir roof



ARR-2 formwork for reservoir roof slab



ARR-1 Safety measures on scaffolding



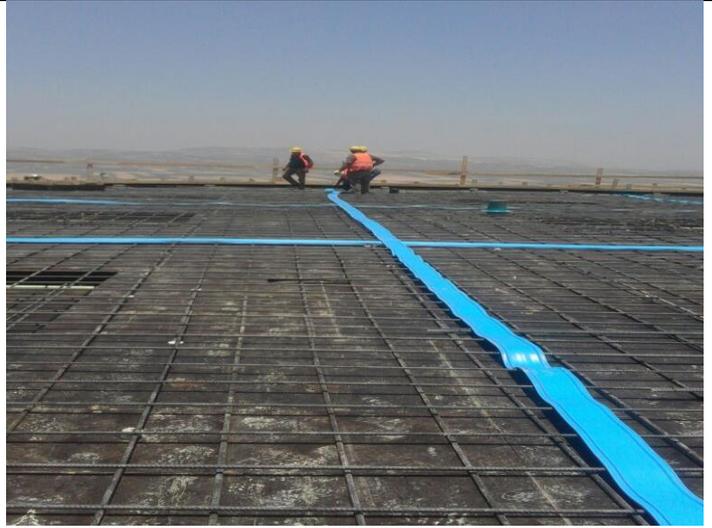
ARR-1 roof slab formwork



ARR-1 roof slab formwork



ARR-1 roof slab formwork



ARR-2 Reinforcement steel work



ARR-1 roof slab steel work



ARR-1 roof slab steel work



ARR-1 Inspection of roof slab formwork



ARR-1 casting concrete for roof slab



ARR-3 roof slab concrete

2. PROGRESS PHOTOS (Al Mutilla)



MTR-1 Floor slab formwork



MTR-2 Site view



MTR -1 Floor slab Steel works



MTR -2 site view



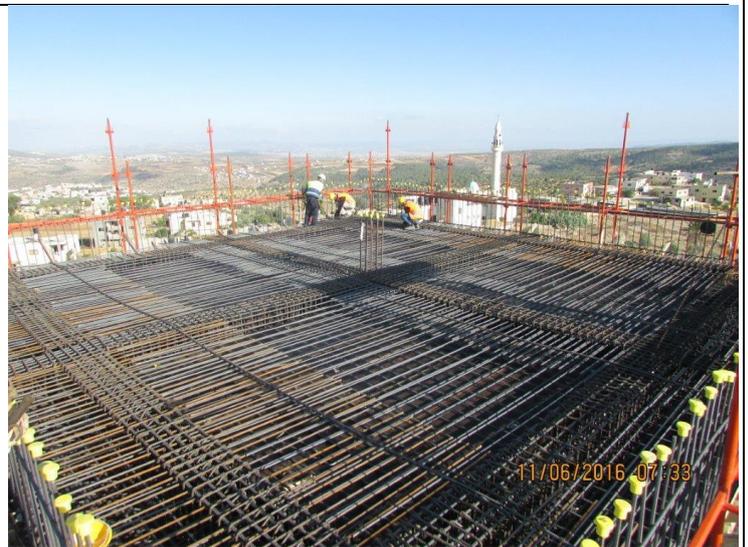
MTR -1 site Visit



MTR -2 steel works for Floor slab



MTR -1 site View



MTR -2 steel works for Floor slab



MTR -1 site View



MTR -1 site View



MTR -2 Water stop works



MTR -1 General View



MTR -2 Floor slab steel works



MTR-2 Site View

2. PROGRESS PHOTOS (Jalqamus)



JLR-1 site view



JLR-1 roof slab works



JLR-2 Toolbox meeting



JLR-1 seismic cans



JLR-2 site Visit



JLR-3 steel works for roof slab



JLR-2 inspection of roof slab supporting system



JLR-3 Seismic cans on roof slab



JLR-4 formwork for roof slab



JLR-1 Finish formwork for reservoir's roof slab.



JLR-1 casted reservoir roof slab concrete



JLR-2 surface treatment of roof slab concrete



JLR -1 Housekeeping on site



JLR -1 reservoir view



MTN-1 work on site



MTN-2 work on site



SMT -1 Holiday Test



SMT -4 Work on site



SMT -5 Work on site



SMT -3 Work on site



SMT -1 safety plan- Toolbox meeting



SMT -3 Work on site



SMT -3 Work on site



SMT -1 USAID Site visit



SMT -2 Work on site



SMT -1 Dust control



SMT -1 – Work on site



SMT -3 – Work on site



SMT -2 – Work on site



SMT -1 – Work on site



SMT -1 – Work on site- safety plane



SMT -2 – Work on site



TMN -2 – Pipes work on site



TMN -3 – Safety on site



SMT -3 – Work on site – Holiday test



SMT -4 – Work on site



SMT -5 – Work on site



SMT -1 – Work on site



SMT -2 – Work on site –Pipe Installation



SMT -3 – Work on site – Holiday test



SMT -4 – Work on site –warring tape



SMT -5 – Work on site – Filter Fabric



SMT -1 – Work on site



SMT -2 – Work on site



SMT -3 – Work on site



SMT -4 – Work on site –safety



SMT -1 – Work on site



SMT -2 – Work on site



SMT -2 – Work on site



SMT -1 – Work on site



SMT -2 – Work on site



SMT -4 – Work on site



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ANNEXES



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Annex A – Materials & Equipment Receiving Log



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Materials Delivered on Site:

Item	Description	Quantity	Location	Date
1	Concrete	5 m ³	Storage Yard	December 08, 2015
2	Base Course	80 Ton	Storage Yard	December 08, 2015
3	Concrete B-250	36 m ³	Al Mutilla Reservoir lean concrete	January 27, 2016
4	Reinforced steel bars	7.6 ton	Al Mutilla Reservoir	03-Feb-16
5	Reinforced steel	4.6 ton	Al Mutilla Reservoir	04-Feb-16
6	Galvanized steel 2" for electric works	90 m	Storage yard	09-Feb-16
7	Galvanized steel 1" for electric works	42 m	Storage yard	09-Feb-16
8	Galvanized steel 2" for electric works	52.2 m	Storage yard	09-Feb-16
9	Fosroc SP 430(Super-plasticizer)	250 lt	Storage yard	09-Feb-16
10	Concrete Class A1	99 m ³	Al Mutilla Reservoir	10-Feb-16
11	Subgrade	30 ton	Arraba Reservoir	13-Feb-16
12	Lean concrete	7 m ³	Al Mutilla Reservoir	15-Feb-16
13	Lean concrete	12 ton	Jalqamus Reservoir	17-Feb-16
14	Single Size	30 ton	Al Mutilla Reservoir	18-Feb-16
15	Concrete B30	12 m ³	Al Mutilla Reservoir	20-Feb-16
16	Encasement concrete	3 ton	Jalqamus Reservoir	21-Feb-16
17	Subgrade material	60 ton	Arraba Reservoir	
18	Lean concrete	42 m ³	Arraba Reservoir	
19	Encasement concrete	3ton	Jalqamus Reservoir	22-Feb-16
20	B 30	28 m ³	Jalqamus Reservoir	24-Feb-16
21	Base course	40 ton	Kuferit Reservoir	25-Feb-16
22	Pipe encasement concrete	3 m ³	Arraba Reservoir	
23	A1 class concrete	27 m ³	Al Mutilla Reservoir	27-Feb-16
24	Concrete B 30	6 m ³	Jalqamus Reservoir	28-Feb-16
25	Lean concrete	7 m ³	Al Mutilla Reservoir	15-Feb-16
26	Lean concrete	12 ton	Jalqamus Reservoir	17-Feb-16
27	Single Size	30 ton	Al Mutilla Reservoir	18-Feb-16
28	Lean concrete	17 m ³	JLR-Under	02-March -16



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			retaining wall between points 1-3	
29	Base Course	76 ton	ARR-Backfill Material	02-March -16
30	B 300 concrete	9.5 m3	JLR-Retaining wall 3-4	05-March -16
31	A1 concrete	3.5 m3	MTR-Stairs	05-March -16
32	B-30 concrete	12 m3	ARR-Boundary wall footing	07-March -16
33	B-30	27 m3	JLR-Retaining wall footing	08-March -16
34	Concrete A1	23 cum	MTR	10-March -16
35	B-30	31 m3	JLR-Retaining wall & Boundary wall	13-March -16
36	Concrete B-20	30 m3	KFR-Lean Concrete	19-March -16
37	Concrete B-20	130 m3	ARR-Lean Concrete	20-March -16
38	Concrete B-30	10 m3	ARR-Boundary wall stem	20-March -16
39	Concrete B-30	16 m3	KFR-Retaining wall footing	22-March -16
40	Concrete B-30	10 m3	JLR-Boundary walls	22-March -16
41	B-20	63 m3	JLR-Lean Concrete	23-March -16
42	B-30	15.5 m3	MTR-Retaining Wall	24-March -16
43	4" Steel pipes (3 LPE & lining)	170.81m	Jalqamus Storage Yard	27-March -16
44	4" Steel pipes (Epoxy & lining)	85.4lm	Jalqamus Storage Yard	27-March -16
45	3" Steel pipes (3 LPE & lining)	500.2lm	Jalqamus Storage Yard	27-March -16
46	3" Steel pipes (Epoxy & lining)	77.6 lm	Jalqamus Storage Yard	27-March -16
47	2" Steel pipes (3 LPE)	420lm	Jalqamus Storage Yard	27-March -16
48	3" Steel pipes (Epoxy)	60 1m	Jalqamus Storage Yard	27-March -16
49	Fittings - different sizes (tees, elbows, reducers, etc.)	270 Pes	Jalqamus Storage Yard	27-March -16
50	Water Stop (SuperCast Watafoil 250)	156 lm	Jalqamus Storage Yard	27-March -16
51	Expandable waterstop (Supercast SW30)	351m	Jalqamus Storage Yard	27-March -16
52	B-30	102 m3	KFR-Retaining Walls footing	29-March -16
53	Class A1	13 m3	MTR-2nd Level Columns	29-March -16
54.	Geotextile Roll 1 meter width	25 Roll	Jalqamus Storage Yard	03-April -16
55.	Geotextile Roll 2 meter width	1 Roll	Jalqamus Storage Yard	03-April -16



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56.	Geotextile Roll 3 meter width	1 Roll	Jalqamus Storage Yard	03-April -16
57.	Precast Manhole 150x150x200 cm	6	Jalqamus Storage Yard	03-April -16
58.	Manhole Ceiling 150x150x25 cm	6	Jalqamus Storage Yard	03-April -16
59.	Link Seal Model 200	16 Joint	Jalqamus Storage Yard	03-April -16
60.	Link Seal Model 300	61 Joint	Jalqamus Storage Yard	03-April -16
61.	Link Seal Model 425	22 Joint	Jalqamus Storage Yard	03-April -16
62.	Link Seal Model 475	79 joint	Jalqamus Storage Yard	03-April -16
63.	Base Course	70 ton	Ajja Reservoir	03-April -16
64.	Class A1 concrete	95 m ³	Reservoir foundation- Jalqamus Reservoir	06-April -16
65.	B-30 concrete	10 m ³	RW- Jalqamus Reservoir	06-April -16
66.	Base Course material	35 ton	Backfilling around Boundary wall- Arraba Reservoir	06-April -16
67.	Class A1 concrete	23.5 m ³	Beams at 2 nd level and stairs from 2 nd land to 2 nd level at Al Mutilla Reservoir	09-April -16
68.	Reinforced steel	11.333 Tone	Site area- Jalqamus Reservoir	11-April -16
69.	Concrete B300	10.5 cum	Boundary wall stem Second stage (2-3)- Jalqamus Reservoir	11-April -16
70.	Single size	30 tone	Site area- Jalqamus Reservoir	12-April -16
71.	Single Size	20 ton	On site- Arraba Reservoir	12-April -16
72.	Timbers	308 PCS	On site of Jalqamus reservoir	13-April -16
73.	B-300 concrete	24 m ³	Retaining Wall- Kuferit Reservoir	16-April -16
74.	Concrete A1	13 cum	Columns 3 rd level, stairs from 3 rd level to 3 rd land- Al Mutilla Reservoir	18-April -16
75.	Single size	18m ³	At Kuferit Reservoir	19-April -16
76.	Base Corse	18 m ³	At Ajja Reservoir	19-April -16
77.	Class A1 concrete	16 m ³	3 rd level columns- Al Mutilla Reservoir	19-April -16
78.	Steel reinforcement 20mm &	12 ton	Reservoir walls	21-April -16



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	16mm			
79.	B-30 Concrete	10.0 m3	Boundary wall	24-April -16
80.	Stainless steel thimble DN:100mm	5 PCs	Storage yard	25-April -16
81.	Stainless steel thimble DN:150mm	7 PCs	Storage yard	25-April -16
82.	Stainless steel thimble DN:200mm	7 PCs	Storage yard	25-April -16
83.	Stainless steel thimble DN:250mm	2 PCs	Storage yard	25-April -16
84.	Stainless Steel Access Manway	3 PCs	Storage yard	25-April -16
85.	Steel Ø16mm	2 Tone	Jalqamus Reservoir	25-April -16
86.	Concrete Class A1	5.0 m3	Reservoir Columns - Jalqamus Reservoir	27-April -16
87.	Class A1 concrete	21.0 m3	3 rd Level Beams- Al Mutilla Reservoir	27-April -16
88.	6" pipes	2003 m	Jalqamus Storage Yard	30-April -16
	Single size	18 m3	Kuferit	01-May -16
	B-30 Concrete	18.0 m3	Kuferit	02-May -16
	B-20 Concrete	9.0 m3	Ajja	02-May -16
	6" pipes	1837.5 LM	Jalqamus Storage Yard	03-May -16
	Seismic cans	70 set	Jalqamus Storage Yard	03-May -16
	A1 Concrete	56 m3	Jalqamus – Reservoir Walls	04-May -16
	B-30 concrete	23.0 m3	Ajja -Boundary and retaining walls foundation from point 7 to 1 and from 1 to 2.	07-May -16
	6" Steel Pipes (3LPE + Lining) / (158 Pipes X12.25m)	1935.5 m long	Jalqamus Storage Yard	08-May -16
	6" Heat Shrinkable Sheet	158 PCs	Jalqamus Storage Yard	08-May -16
	6" Steel Pipes (Epoxy Coated + Lining)	66.15 m long	Jalqamus Storage Yard	08-May -16
	B-30 Concrete	12.0 m3	Kuferit -Retaining wall from point 1 to 7 –stage 2	08-May -16
	B-30 Concrete	14.0 m3	Arraba - Boundary wall stem from point 8 to point 5	08-May -16
	Concrete class D7	56.5 cu m	Kuferit - Reservoir lean concrete	10-May -16
	Base course	90 m ³	TJT-from station 0+031.6 to 00+154.2	10-May -16



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	Sand (Somsom)	72 m ³	TJT-from station 0+031.6 to 00+154.2	10-May -16
	Single size	90 m ³	TJT-from station 0+031.6 to 00+154.2	10-May -16
	B-30 concrete	17 m ³	Ajja -Retaining wall	11-May -16
	Base course	72 m ³	TJT-from station 0+031.6 to 00+154.2	11-May -16
	Sand (Somsom)	54 m ³	TJT-from station 0+031.6 to 00+154.2	11-May -16
	Single size	90 m ³	TJT-from station 0+031.6 to 00+154.2	11-May -16
	6" pipes	1004.5 lm	SWJ storage yard	12-May -16
	Precast manholes 150*150*200cm	6	SWJ storage yard	12-May -16
	Manholes ceiling	6	SWJ storage yard	12-May -16
	Single size	36 m ³	Kuferit	12-May -16
	Concrete class D7	22 m ³	Ajja -Lean concrete of retaining wall from point 3 to 5.	15-May -16
	Tie-rod's water stop and tubes	2000 Pieces	Arraba - Tie-rod's water stop and tubes	15-May -16
	Concrete class A1	15.0 m ³	Al Mutilla - Columns at 3rd level and stairs from 3rd level to 4th land.	15-May -16
	Bascourse	36 m ³	TJT-From station 00+313.6 t0 station 354.9	16-May -16
	Somsom	54	TJT-From station 00+313.6 t0 station 354.9	16-May -16
	Single size	54	TJT-From station 00+313.6 t0 station 354.9	16-May -16
	B-30 concrete	11.0 m ³	Ajja -Stem of retaining wall from point 1-7- stage 2	17-May -16
	Seismic Cans (lower part)	39	Reservoir's wall (internal) - (Stage 1-a).	17-May -16
	Basecours	54 m ³	TJT-From station 00+354.9 To station 00+490	17-May -16
	Somsom	90 m ³	TJT-From station 00+354.9 To station 00+490	17-May -16



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	Single size	90 m ³	TJT-From station 00+354.9 To station 00+490	17-May -16
	10" Steel Pipe	857.5 L.M	SWJ storage yard	18-May -16
	A1 concrete	54.5 m ³	Jalqamus - Reservoir Walls Second Stage	18-May -16
	A1 Concrete	44.0 m ³	Reservoir walls	18-May -16
	Base course	72m ³	TJT-From station 00+354.9 To station 00+490	21-May -16
	Somsom	90 m ³	TJT-From station 00+354.9 To station 00+490	21-May -16
	Single size	90 m ³	TJT-From station 00+354.9 To station 00+490	21-May -16
	A1 concrete	44.0 m ³	Kuferit - Reservoir's Foundation and slab on grade.	22-May -16
	Base course	72m ³	TJT-From station 00+354.9 To station 00+490	22-May -16
	Somsom	90 m ³	TJT-From station 00+354.9 To station 00+490	22-May -16
	Single size	90 m ³	TJT-From station 00+354.9 To station 00+490	22-May -16
	B-30 concrete	65.0 m ³	Ajja- Foundation for retaining wall from point 3 to 4	23-May -16
	Base course	72m ³	TJT-From station 00+354.9 To station 00+490	23-May -16
	Somsom	72 m ³	TJT-From station 00+354.9 To station 00+490	23-May -16
	Single size	72 m ³	TJT-From station 00+354.9 To station 00+490	23-May -16
	Base course	36m ³	TJT-From station 00+354.9 To station 00+490	24-May -16
	Somsom	36m ³	TJT-From station 00+354.9 To station 00+490	24-May -16
	Single size	36 m ³	TJT-From station 00+354.9 To station 00+490	24-May -16
	Concrete class A1	44.0 m ³	Arraba - Reservoir's Wall – Stage 1-b	25-May -16
	10 " Pipes	428.75 lm	SWJ storage yard	26-May -16



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	Concrete class B-30	36.0 m3	Ajja-Foundation of retaining wall from point 4 to 5	28-May -16
	Concrete class B- 20	6.0 m3	Ajja- Lean concrete for retaining wall from point 5 to 6	28-May -16
	Concrete class B-30	10 m3	Ajja- Boundary wall from point 7 to 1-stage 3 & from point 1 to 2-stage 2	30-May -16
	Base course	90m ³	TJT-From station 00+354.9 To station 00+490	30-May -16
	Somsom	90m ³	TJT-From station 00+354.9 To station 00+490	30-May -16
	Single size	108 m ³	TJT-From station 00+354.9 To station 00+490	30-May -16
	Concrete A1	41 m3	Arraba - Reservoir walls	31-May -16
	Base course	90m ³	Base course	31-May -16
	Somsom	90m ³	Somsom	31-May -16
	Single size	90m ³	Single size	31-May -16

Equipment on Site:

Description	Quantity	Hours	Idle Qty	Date
Surveying Tools	1	8		December 01, 2015
Surveying Tools	2	16		December 02, 2015
KIA-FORTE (without Driver)	1	8		December 02, 2015
PEUGEOT 301 (without Driver)	1	8		December 02, 2015
Peugeot Car	1	8		December 02, 2015
Surveying Tools	2	8		December 03, 2015
KIA-FORTE (without Driver)	1	8		December 03, 2015
PEUGEOT 301 (without Driver)	1	8		December 03, 2015
Peugeot Car	1	8		December 03, 2015
Peugeot Car	1	8		December 04, 2015
Surveying Tools	1	8		December 04, 2015
Surveying Tools	2	16		December 05, 2015
KIA-FORTE (without Driver)	1	8		December 05, 2015
PEUGEOT 301 (without Driver)	1	8		December 05, 2015



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Peugeot Car	1	8		December 05, 2015
KIA-FORTE (without Driver)	1	8		December 06, 2015
PEUGEOT 301 (without Driver)	1	8		December 06, 2015
Peugeot Car	1	8		December 06, 2015
Surveying Tools	1	8		December 06, 2015
KIA-FORTE (without Driver)	1	8		December 07, 2015
PEUGEOT 301 (without Driver)	1	8		December 07, 2015
KIA-FORTE (without Driver)	1	8		December 07, 2015
PEUGEOT 301 (without Driver)	1	8		December 07, 2015
Peugeot Car	1	8		December 07, 2015
Surveying Tools	1	8		December 07, 2015
KIA-FORTE (without Driver)	1	8		December 08, 2015
PEUGEOT 301 (without Driver)	1	8		December 08, 2015
Truck	1	8		December 08, 2015
Peugeot Car	1	8		December 08, 2015
Surveying Tools	1	8		December 08, 2015
KIA-FORTE (without Driver)	1	8		December 09, 2015
PEUGEOT 301 (without Driver)	1	8		December 09, 2015
Truck	1	8		December 09, 2015
Peugeot Car	1	8		December 09, 2015
Surveying Tools	1	8		December 09, 2015
KIA-FORTE (without Driver)	1	8		December 10, 2015
PEUGEOT 301 (without Driver)	1	8		December 10, 2015
Truck	1	8		December 10, 2015
Peugeot Car	1	8		December 11, 2015
Surveying Tools	1	8		December 11, 2015
KIA-FORTE (without Driver)	1	8		December 12, 2015
PEUGEOT 301 (without Driver)	1	8		December 12, 2015
Truck	1	8		December 12, 2015
Peugeot Car	1	8		December 12, 2015
Surveying Tools	1	8		December 12, 2015
KIA-FORTE (without Driver)	1	8		December 13, 2015
PEUGEOT 301 (without Driver)	1	8		December 13, 2015
Truck	1	8		December 13, 2015
Welding Machine	1	8		December 13, 2015
Peugeot Car	1	8		December 13, 2015
Surveying Tools	1	8		December 13, 2015



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KIA-FORTE (without Driver)	1	8		December 14, 2015
PEUGEOT 301 (without Driver)	1	8		December 14, 2015
Crane	1	8		December 14, 2015
Welding Machine	1	8		December 14, 2015
KIA-FORTE (without Driver)	1	8		December 15, 2015
PEUGEOT 301 (without Driver)	1	8		December 15, 2015
KIA-FORTE (without Driver)	1	8		December 16, 2015
PEUGEOT 301 (without Driver)	1	8		December 16, 2015
KIA-FORTE (without Driver)	1	8		December 17, 2015
PEUGEOT 301 (without Driver)	1	8		December 17, 2015
KIA-FORTE (without Driver)	1	8		December 19, 2015
PEUGEOT 301 (without Driver)	1	8		December 19, 2015
KIA-FORTE (without Driver)	1	8		December 20, 2015
PEUGEOT 301 (without Driver)	1	8		December 20, 2015
KIA-FORTE (without Driver)	1	8		December 21, 2015
PEUGEOT 301 (without Driver)	1	8		December 21, 2015
Mercedes Benz 613	1	8		December 21, 2015
Dump Truck	1	8		December 21, 2015
3CX JCB	1	8		December 21, 2015
KIA-FORTE (without Driver)	1	8		December 22, 2015
PEUGEOT 301 (without Driver)	1	8		December 22, 2015
Mercedes Benz 613	1	8		December 22, 2015
Dump Truck	1	8		December 22, 2015
3CX JCB	1	8		December 22, 2015
KIA-FORTE (without Driver)	1	8		December 23, 2015
PEUGEOT 301 (without Driver)	1	8		December 23, 2015
Mercedes Benz 613	1	8		December 23, 2015
KIA-FORTE (without Driver)	1	8		December 24, 2015
PEUGEOT 301 (without Driver)	1	8		December 24, 2015
Mercedes Benz 613	1	8		December 24, 2015
KIA-FORTE (without Driver)	1	8		December 26, 2015



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PEUGEOT 301 (without Driver)	1	8		December 26, 2015
Mercedes Benz 613	1	8		December 26, 2015
KIA-FORTE (without Driver)	1	8		December 27, 2015
PEUGEOT 301 (without Driver)	1	8		December 27, 2015
Mercedes Benz 613	1	8		December 27, 2015
Wheel Excavator/DX210W DOSAN-2009	1	8		December 27, 2015
Dump Truck	1	8		December 27, 2015
KIA-FORTE (without Driver)	1	8		December 28, 2015
PEUGEOT 301 (without Driver)	1	8		December 28, 2015
Mercedes Benz 613	1	8		December 28, 2015
Wheel Excavator/DX210W DOSAN-2009	1	8		December 28, 2015
Dump Truck	2	14		December 28, 2015
3CX JCB	1	6		December 28, 2015
KIA-FORTE (without Driver)	1	8		January 02, 2016
PEUGEOT 301 (without Driver)	1	8		January 02, 2016
Mercedes Benz 613	1	8		January 02, 2016
SKODA FABIA 2013	1	8		
Wheel Excavator/DX210W DOSAN-2009	1	8		January 02, 2016
Dump Truck	1	8		January 02, 2016
3CX JCB	1	8		January 02, 2016
Surveying Tools	1	8		January 02, 2016
KIA-FORTE (without Driver)	1	8		January 03, 2016
PEUGEOT 301 (without Driver)	1	8		January 03, 2016
Mercedes Benz 613	1	8		January 03, 2016
SKODA FABIA 2013	1	8		January 03, 2016
Wheel Excavator/DX210W DOSAN-2009	1	8		January 03, 2016
Dump Truck	1	8		January 03, 2016
3CX JCB	1	8		January 03, 2016
Surveying Tools	1	8		January 03, 2016
KIA-FORTE (without Driver)	1	8		January 04, 2016
PEUGEOT 301 (without Driver)	1	8		January 04, 2016
Mercedes Benz 613	1	8		January 04, 2016
SKODA FABIA 2013	1	8		January 04, 2016
Wheel Excavator/DX210W DOSAN-2009	1	8		January 04, 2016



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3CX JCB	2	14	January 04, 2016
Surveying Tools	1	8	January 04, 2016
Crane	1	3	January 04, 2016
KIA-FORTE (without Driver)	2	16	January 05, 2016
PEUGEOT 301 (without Driver)	1	8	January 05, 2016
Mercedes Benz 613	1	8	January 05, 2016
SKODA FABIA 2013	1	8	January 05, 2016
Wheel Excavator/DX210W DOSAN-2009	1	8	January 05, 2016
3CX JCB	1	8	January 05, 2016
Surveying Tools	1	8	January 05, 2016
KIA-FORTE (without Driver)	2	16	January 06, 2016
PEUGEOT 301 (without Driver)	1	8	January 06, 2016
Mercedes Benz 613	1	8	January 06, 2016
SKODA FABIA 2013	1	8	January 06, 2016
Wheel Excavator/DX210W DOSAN-2009	1	8	January 06, 2016
3CX JCB	1	8	January 06, 2016
Surveying Tools	1	8	January 06, 2016
Dump Truck	1	8	January 06, 2016
KIA-FORTE (without Driver)	2	16	January 07, 2016
PEUGEOT 301 (without Driver)	1	8	January 07, 2016
Mercedes Benz 613	1	8	January 07, 2016
SKODA FABIA 2013	1	8	January 07, 2016
Wheel Excavator/DX210W DOSAN-2009	1	8	January 07, 2016
3CX JCB	1	8	January 07, 2016
Surveying Tools	1	8	January 07, 2016
KIA-FORTE (without Driver)	2	16	January 09, 2016
PEUGEOT 301 (without Driver)	1	8	January 09, 2016
Mercedes Benz 613	1	8	January 09, 2016
SKODA FABIA 2013	1	8	January 09, 2016
Wheel Excavator/DX210W DOSAN-2009	1	8	January 09, 2016
3CX JCB	1	8	January 09, 2016
Surveying Tools	1	8	January 09, 2016
Wheel Excavator/Cat 336-2009	1	8	January 10, 2016
KIA-FORTE (without Driver)	2	16	January 10, 2016
PEUGEOT 301 (without Driver)	1	8	January 10, 2016
Mercedes Benz 613	1	8	January 10, 2016



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SKODA FABIA 2013	1	8	January 10, 2016
Wheel Excavator/DX210W DOSAN-2009	1	8	January 10, 2016
3CX JCB	1	8	January 10, 2016
Surveying Tools	1	8	January 10, 2016
KIA-FORTE (without Driver)	2	16	January 11, 2016
PEUGEOT 301 (without Driver)	1	8	January 11, 2016
Mercedes Benz 613	1	8	January 11, 2016
SKODA FABIA 2013	1	8	January 11, 2016
Wheel Excavator/DX210W DOSAN-2009	1	8	January 11, 2016
3CX JCB	1	8	January 11, 2016
Surveying Tools	1	8	January 11, 2016
Dump Truck	2	16	January 11, 2016
Wheel Excavator/Cat 336-2009	1	8	January 11, 2016
KIA-FORTE (without Driver)	2	16	January 12, 2016
PEUGEOT 301 (without Driver)	1	8	January 12, 2016
Mercedes Benz 613	1	8	January 12, 2016
SKODA FABIA 2013	1	8	January 12, 2016
Wheel Excavator/DX210W DOSAN-2009	1	8	January 12, 2016
3CX JCB	1	8	January 12, 2016
Surveying Tools	1	8	January 12, 2016
Dump Truck	3	24	January 12, 2016
Wheel Excavator/Cat 336-2009	1	8	January 12, 2016
KIA-FORTE (without Driver)	2	16	January 13, 2016
PEUGEOT 301 (without Driver)	1	8	January 13, 2016
Mercedes Benz 613	1	8	January 13, 2016
SKODA FABIA 2013	1	8	January 13, 2016
Wheel Excavator/DX210W DOSAN-2009	1	8	January 13, 2016
3CX JCB	1	8	January 13, 2016
Surveying Tools	1	8	January 13, 2016
Dump Truck	2	16	January 13, 2016
KIA-FORTE (without Driver)	2	16	January 14, 2016
PEUGEOT 301 (without Driver)	1	8	January 14, 2016
Mercedes Benz 613	1	8	January 14, 2016
SKODA FABIA 2013	1	8	January 14, 2016
Wheel Excavator/DX210W DOSAN-2009	1	8	January 14, 2016



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3CX JCB	1	8		January 14, 2016
Surveying Tools	1	8		January 14, 2016
Dump Truck	1	8		January 14, 2016
KIA-FORTE (without Driver)	2	16		January 16, 2016
PEUGEOT 301 (without Driver)	1	8		January 16, 2016
Mercedes Benz 613	1	8		January 16, 2016
SKODA FABIA 2013	1	8		January 16, 2016
Wheel Excavator/DX210W DOSAN-2009	1	8		January 16, 2016
3CX JCB	2	16		January 16, 2016
Surveying Tools	1	8		January 16, 2016
Dump Truck	1	8		January 16, 2016
KIA-FORTE (without Driver)	2	16		January 17, 2016
PEUGEOT 301 (without Driver)	1	8		January 17, 2016
Mercedes Benz 613	1	8		January 17, 2016
SKODA FABIA 2013	1	8		January 17, 2016
Wheel Excavator/DX210W DOSAN-2009	1	8		January 17, 2016
3CX JCB	3	24		January 17, 2016
Surveying Tools	1	8		January 17, 2016
Dump Truck	1	8		January 17, 2016
KIA-FORTE (without Driver)	2	16		January 18, 2016
PEUGEOT 301 (without Driver)	1	8		January 18, 2016
Mercedes Benz 613	1	8		January 18, 2016
SKODA FABIA 2013	1	8		January 18, 2016
Wheel Excavator/DX210W DOSAN-2009	1	8		January 18, 2016
3CX JCB	2	16		January 18, 2016
Surveying Tools	1	8		January 18, 2016
Dump Truck	1	8		January 18, 2016
KIA-FORTE (without Driver)	2	16		January 19, 2016
PEUGEOT 301 (without Driver)	1	8		January 19, 2016
Mercedes Benz 613	1	8		January 19, 2016
SKODA FABIA 2013	1	8		January 19, 2016
Wheel Excavator/DX210W DOSAN-2009		8	1	January 19, 2016
3CX JCB		16	2	January 19, 2016
Surveying Tools		8	1	January 19, 2016
Dump Truck		8	1	January 19, 2016
KIA-FORTE (without Driver)	2	16		January 20, 2016



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PEUGEOT 301 (without Driver)	1	8		January 20, 2016
Mercedes Benz 613	1	8		January 20, 2016
SKODA FABIA 2013	1	8		January 20, 2016
Wheel Excavator/DX210W DOSAN-2009	1	8		January 20, 2016
3CX JCB	1	8		January 20, 2016
Surveying Tools	1	8		January 20, 2016
Dump Truck	1	8		January 20, 2016
KIA-FORTE (without Driver)	2	16		January 21, 2016
PEUGEOT 301 (without Driver)	1	8		January 21, 2016
Mercedes Benz 613	1	8		January 21, 2016
SKODA FABIA 2013	1	8		January 21, 2016
Wheel Excavator/DX210W DOSAN-2009	1	8		January 21, 2016
3CX JCB	1	8		January 21, 2016
Surveying Tools	1	8		January 21, 2016
Dump Truck	1	8		January 21, 2016
KIA-FORTE (without Driver)	2	16		January 23, 2016
PEUGEOT 301 (without Driver)	1	8		January 23, 2016
Mercedes Benz 613	1	8		January 23, 2016
SKODA FABIA 2013	1	8		January 23, 2016
Wheel Excavator/DX210W DOSAN-2009	1	8		January 23, 2016
3CX JCB	2	16		January 23, 2016
Surveying Tools	2	16		January 23, 2016
Dump Truck	3	24		January 23, 2016
Surveying Tools	2	16		January 25, 2016
KIA-FORTE (without Driver)	2	16		January 25, 2016
PEUGEOT 301 (without Driver)	1	8		January 25, 2016
Mercedes Benz 613	1	8		January 25, 2016
SKODA FABIA 2013	1	8		January 25, 2016
KIA-FORTE (without Driver)	2	16		January 26, 2016
PEUGEOT 301 (without Driver)	1	8		January 26, 2016
Mercedes Benz 613	1	8		January 26, 2016
SKODA FABIA 2013	1	8		January 26, 2016
KIA-FORTE (without Driver)	2	16		January 27, 2016
PEUGEOT 301 (without Driver)	1	8		January 27, 2016
Mercedes Benz 613	1	8		January 27, 2016



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SKODA FABIA 2013	1	8		January 27, 2016
3CX JCB		8	1	January 27, 2016
3CX JCB	1	8		January 27, 2016
Surveying Tools	1	8		January 27, 2016
KIA-FORTE (without Driver)	2	16		January 28, 2016
PEUGEOT 301 (without Driver)	1	8		January 28, 2016
Mercedes Benz 613	1	8		January 28, 2016
SKODA FABIA 2013	1	8		January 28, 2016
Wheel Excavator/DX210W DOSAN-2009	1	8		January 28, 2016
3CX JCB	1	8		January 28, 2016
3CX JCB		8	1	January 28, 2016
Surveying Tools	2	16		January 28, 2016
Dump Truck	3	24		January 28, 2016
KIA-FORTE (without Driver)	2	16		January 30, 2016
PEUGEOT 301 (without Driver)	1	8		January 30, 2016
Mercedes Benz 613	1	8		January 30, 2016
SKODA FABIA 2013	1	8		January 30, 2016
3CX JCB	1	8		January 30, 2016
Surveying Tools	2	16		January 30, 2016
Dump Truck	1	8		January 30, 2016
KIA-FORTE (without Driver)	2	16		January 31, 2016
PEUGEOT 301 (without Driver)	1	8		January 31, 2016
Mercedes Benz 613	1	8		January 31, 2016
SKODA FABIA 2013	1	8		January 31, 2016
3CX JCB	1	8		January 31, 2016
3CX JCB		8	1	January 31, 2016
Surveying Tools	2	16		January 31, 2016
Dump Truck	1	8		January 31, 2016
Surveing Tools	2	16		01-Feb-16
KIA-FORTE(Without driver)	2	16		01-Feb-16
PEUOGIOT 301(Without driver)	1	8		01-Feb-16
Truck	1	8		01-Feb-16
3CX-JCB	1	8		01-Feb-16
Skoda Fabia 2013	1	8		01-Feb-16
Mercedes Benz 613	1	8		01-Feb-16
Surveing Tools	2	16		02-Feb-16
KIA-FORTE(Without driver)	2	16		02-Feb-16
PEUOGIOT 301(Without driver)	1	8		02-Feb-16
Truck	1	8		02-Feb-16
Skoda Fabia 2013	1	8		02-Feb-16
3CX-JCB	1	8		02-Feb-16



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Mercedes Benz 613	1	8		02-Feb-16
Surveing Tools	2	8		03-Feb-16
KIA-FORTE(Without driver)	2	16		03-Feb-16
PEUOGIOT 301(Without driver)	1	8		03-Feb-16
Wheel Excavator /DX210W DOSAN-2009	1	8		03-Feb-16
3CX-JCB	1	8		03-Feb-16
Truck	1	8		03-Feb-16
Skoda Fabia 2013	1	8		03-Feb-16
Mercedes Benz 613	1	8		03-Feb-16
Surveing Tools		8	2	04-Feb-16
KIA-FORTE(Without driver)	2	16		04-Feb-16
PEUOGIOT 301(Without driver)	1	8		04-Feb-16
Truck		16	2	04-Feb-16
Welding Machine		8	1	04-Feb-16
3CX-JCB	1	8		04-Feb-16
Skoda Fabia 2013	1	8		04-Feb-16
Crane		8	1	04-Feb-16
Mercedes Benz 613		8	1	04-Feb-16
Surveing Tools		16	2	06-Feb-16
KIA-FORTE(Without driver)	2	16		06-Feb-16
PEUOGIOT 301(Without driver)	1	8		06-Feb-16
Skoda Fabia 2013	1	8		06-Feb-16
Truck		8	1	06-Feb-16
Welding Machine		8	1	06-Feb-16
Crane		16	2	06-Feb-16
Evco	1	2		06-Feb-16
Surveing Tools		8	1	07-Feb-16
KIA-FORTE(Without driver)	2	16		07-Feb-16
PEUOGIOT 301(Without driver)	1	8		07-Feb-16
Skoda Fabia 2013	1	8		07-Feb-16
Evco	1	8		07-Feb-16
Surveing Tools	2	16		08-Feb-16
KIA-FORTE(Without driver)	2	16		08-Feb-16
PEUOGIOT 301(Without driver)	1	8		08-Feb-16
Skoda Fabia 2013	1	8		08-Feb-16
Truck	1	8		08-Feb-16
Wheel Excavator /DX210W DOSAN-2009	1	8		08-Feb-16
3CX-JCB	1	8		08-Feb-16
Evco	1	8		08-Feb-16
Surveing Tools	2	16		09-Feb-16
KIA-FORTE(Without driver)	2	16		09-Feb-16
PEUOGIOT 301(Without driver)	1	8		09-Feb-16
Skoda Fabia 2013	1	8		09-Feb-16
Wheel Excavator /DX210W	1	4		09-Feb-16



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DOSAN-2009				
Truck	1	4		09-Feb-16
3CX-JCB	1	4		09-Feb-16
Evco	1	8		09-Feb-16
Surveing Tools	2	16		10-Feb-16
KIA-FORTE(Without driver)	2	16		10-Feb-16
PEUOGIOT 301(Without driver)	1	8		10-Feb-16
Skoda Fabia 2013	1	8		10-Feb-16
Evco	1	8		10-Feb-16
Surveing Tools	2	16		11-Feb-16
KIA-FORTE(Without driver)	2	16		11-Feb-16
PEUOGIOT 301(Without driver)	1	8		11-Feb-16
Veco(with operator)	1	8		11-Feb-16
3CX-JCB	1	8		11-Feb-16
Skoda Fabia 2013	1	8		11-Feb-16
Surveing Tools		8	2	12-Feb-16
KIA-FORTE(Without driver)		8	2	12-Feb-16
PEUOGIOT 301(Without driver)		8	1	12-Feb-16
Skoda Fabia 2013		8	1	12-Feb-16
Veco(with operator)		8	1	12-Feb-16
Surveing Tools	2	16		13-Feb-16
KIA-FORTE(Without driver)	2	16		13-Feb-16
PEUOGIOT 301(Without driver)	1	8		13-Feb-16
Skoda Fabia 2013	1	8		13-Feb-16
3CX-JCB	1	8		13-Feb-16
Veco(with operator)	1	8		13-Feb-16
Surveing Tools	2	16		14-Feb-16
KIA-FORTE(Without driver)	2	16		14-Feb-16
PEUOGIOT 301(Without driver)	1	8		14-Feb-16
Skoda Fabia 2013	1	8		14-Feb-16
Steel Compactor	1	8		14-Feb-16
3CX-JCB	1	8		14-Feb-16
Veco(with operator)	1	8		14-Feb-16
Surveing Tools	2	16		15-Feb-16
KIA-FORTE(Without driver)	2	16		15-Feb-16
PEUOGIOT 301(Without driver)	1	8		15-Feb-16
Skoda Fabia 2013	1	8		15-Feb-16
Steel Compactor	1	8		15-Feb-16
3CX-JCB	1	4		15-Feb-16
Veco(with operator)	1	8		15-Feb-16
Surveing Tools	2	16		16-Feb-16
KIA-FORTE(Without driver)	2	16		16-Feb-16
PEUOGIOT 301(Without driver)	1	8		16-Feb-16
Truck	1	8		16-Feb-16
Skoda Fabia 2013	1	8		16-Feb-16



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3CX-JCB	1	8		16-Feb-16
Bobcat	1	8		16-Feb-16
Steel Compactor	1	8		16-Feb-16
Veco(with operator)	1	8		16-Feb-16
Surveing Tools	2	16		17-Feb-16
KIA-FORTE(Without driver)	2	16		17-Feb-16
PEUOGEOOT 301(Without driver)	1	8		17-Feb-16
Truck	1	2		17-Feb-16
Skoda Fabia 2013	1	8		17-Feb-16
3CX-JCB	1	8		17-Feb-16
Bobcat	1	8		17-Feb-16
Steel Compactor	1	8		17-Feb-16
Veco(with operator)	1	8		17-Feb-16
Surveing Tools	2	16		18-Feb-16
KIA-FORTE(Without driver)	2	16		18-Feb-16
PEUOGEOOT 301(Without driver)	1	8		18-Feb-16
Truck		8	1	18-Feb-16
Skoda Fabia 2013		8	1	18-Feb-16
3CX-JCB	1	8		18-Feb-16
JCB(With operator)	1	1		18-Feb-16
Veco(with operator)	1	8		18-Feb-16
Surveing Tools		8	2	19-Feb-16
KIA-FORTE(Without driver)		8	2	19-Feb-16
PEUOGEOOT 301(Without driver)		8	1	19-Feb-16
Veco(with operator)		8	1	19-Feb-16
Skoda Fabia 2013		8	1	19-Feb-16
Surveing Tools	2	8		20-Feb-16
KIA-FORTE(Without driver)	2	16		20-Feb-16
PEUOGEOOT 301(Without driver)	1	8		20-Feb-16
Truck	1	8		20-Feb-16
3CX-JCB	1	8		20-Feb-16
Skoda Fabia 2013		8	1	20-Feb-16
Veco(with operator)	1	8		20-Feb-16
Surveing Tools	2	8		21-Feb-16
KIA-FORTE(Without driver)	2	16		21-Feb-16
PEUOGEOOT 301(Without driver)	1	8		21-Feb-16
Truck	1	8		21-Feb-16
Skoda Fabia 2013		8	1	21-Feb-16
3CX-JCB	1	8		21-Feb-16
Veco(with operator)	1	8		21-Feb-16
Surveing Tools	2	16		22-Feb-16
KIA-FORTE(Without driver)	2	16		22-Feb-16
PEUOGEOOT 301(Without driver)	1	8		22-Feb-16
Skoda Fabia 2013	1	8		22-Feb-16
Bobcat	1	4		22-Feb-16
3CX-JCB	1	4		22-Feb-16
Steel Roller	1	4		22-Feb-16
Veco(with operator)	1	8		22-Feb-16



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FROM THE AMERICAN PEOPLE

Surveing Tools	2	16		23-Feb-16
KIA-FORTE(Without driver)	2	16		23-Feb-16
PEUOGEOOT 301(Without driver)	1	8		23-Feb-16
Excavator JCB	1	6		23-Feb-16
JCB (with operator)	2	8		23-Feb-16
Bobcat	1	2		23-Feb-16
Steel Roller	1	2		23-Feb-16
Skoda Fabia 2013	1	8		23-Feb-16
Veco(with operator)	1	8		23-Feb-16
Surveing Tools	2	16		24-Feb-16
KIA-FORTE(Without driver)	2	16		24-Feb-16
PEUOGEOOT 301(Without driver)	1	8		24-Feb-16
Truck	1	6		24-Feb-16
veco	1	8		24-Feb-16
Skoda Fabia 2013	1	8		24-Feb-16
Steel Compactor	1	2		24-Feb-16
JCB(with operator)	2	12		24-Feb-16
Surveing Tools	2	16		25-Feb-16
KIA-FORTE(Without driver)	2	16		25-Feb-16
PEUOGEOOT 301(Without driver)	1	8		25-Feb-16
Truck	1	4		25-Feb-16
veco	1	8		25-Feb-16
Skoda Fabia 2013	1	8		25-Feb-16
Excavator JCB & Caterpillar	1	6		25-Feb-16
JCB(with operator)	1	4		25-Feb-16
Surveing Tools		8	2	26-Feb-16
KIA-FORTE(Without driver)		8	2	26-Feb-16
PEUOGEOOT 301(Without driver)		8	1	26-Feb-16
Skoda Fabia 2013		8	1	26-Feb-16
veco		8	1	26-Feb-16
Surveing Tools	2	16		27-Feb-16
KIA-FORTE(Without driver)	2	16		27-Feb-16
PEUOGEOOT 301(Without driver)	1	8		27-Feb-16
Truck	1	8		27-Feb-16
Skoda Fabia 2013	1	8		27-Feb-16
Steel Compactor	1	4		27-Feb-16
Excavator Caterpillar	1	8		27-Feb-16
jCB(with operator)	1	8		27-Feb-16
Steel Compactor	1	4		27-Feb-16
veco	1	8		27-Feb-16
Surveing Tools	2	16		28-Feb-16
KIA-FORTE(Without driver)	2	16		28-Feb-16
PEUOGEOOT 301(Without driver)	1	8		28-Feb-16
Truck	3	22		28-Feb-16
Skoda Fabia 2013	1	8		28-Feb-16
Excavator Caterpillar	1	8		28-Feb-16
Roller	1	6		28-Feb-16
Bobcat	1	6		28-Feb-16



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FROM THE AMERICAN PEOPLE

Water Tank	1	2		28-Feb-16
JCB(with operator)	1	6		28-Feb-16

Surveying Tools	2	16		01-March -2016
KIA-FORTE(Without driver)	2	16		01-March -2016
PEUOGIOT 301(Without driver)	1	8		01-March -2016
Water Tank	1	2		01-March -2016
JCB(with operator)	1	6		01-March -2016
Steel Compactor	1	2		01-March -2016
Bobcat	2	10		01-March -2016
Truck	3	22		01-March -2016
Excavator Caterpillar	1	8		01-March -2016
3CX-JCB	1	8		01-March -2016
Veco(with operator)	1	8		01-March -2016
Skoda Fabia 2013	1	8		01-March -2016
Roller	1	8		01-March -2016
Surveying Tools	2	16		02-March -2016
KIA-FORTE(Without driver)	2	16		02-March -2016
PEUOGIOT 301(Without driver)	1	8		02-March -2016
Truck	2	16		02-March -2016
Steel Compactor	1	3		02-March -2016
Excavator Caterpillar	1	8		02-March -2016
Skoda Fabia 2013	1	8		02-March -2016
JCB(with operator)	1	6		02-March -2016
Veco(with operator)	1	8		02-March -2016
Bobcat	1	3		02-March -2016
Surveying Tools	2	16		03-March -2016
KIA-FORTE(Without driver)	2	16		03-March -2016
PEUOGIOT 301(Without driver)	1	8		03-March -2016
Bobcat	1	6		03-March -2016
Steel Compactor	1	4		03-March -2016
Truck	3	8		03-March -2016
Excavator Caterpillar	1	4		03-March -2016
Veco(with operator)	1	8		03-March -2016
Skoda Fabia 2013	1	8		03-March -2016
JCB(with operator)	1	6		03-March -2016
Surveying Tools	2	0		04-March -2016
KIA-FORTE(Without driver)	2	0		04-March -2016
PEUOGIOT 301(Without driver)	1	0		04-March -2016
Skoda Fabia 2013	1	0		04-March -2016
Veco(with operator)	1	0		04-March -2016
Surveying Tools	2	16		05-March -2016
KIA-FORTE(Without driver)	2	16		05-March -2016
PEUOGIOT 301(Without driver)	1	8		05-March -2016
Truck	1	0		05-March -2016
Steel Compactor	1	4		05-March -2016
JCB(with operator)	1	8		05-March -2016
Excavator Caterpillar	1	8		05-March -2016



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Roller	1	0		05-March -2016
Skoda Fabia 2013	1	8		05-March -2016
Veco(with operator)	1	8		05-March -2016
Bobcat	2	4		05-March -2016
Surveying Tools	2	10		06-March -2016
KIA-FORTE(Without driver)	2	16		06-March -2016
PEUOGIOT 301(Without driver)	1	8		06-March -2016
JCB(with operator)	1	8		06-March -2016
Bobcat	1	6		06-March -2016
Skoda Fabia 2013	1	8		06-March -2016
Steel Compactor	1	4		06-March -2016
Excavator Caterpillar	1	8		06-March -2016
Veco(with operator)	1	8		06-March -2016
Surveying Tools	3	10		07-March -2016
KIA-FORTE(Without driver)	2	16		07-March -2016
Steel Compactor	1	2		07-March -2016
PEUOGIOT 301(Without driver)	1	8		07-March -2016
Skoda Fabia 2013	1	8		07-March -2016
Truck	1	0		07-March -2016
JCB(with operator)	1	0		07-March -2016
Excavator Caterpillar	1	8		07-March -2016
3CX-JCB	1	2		07-March -2016
Bobcat	2	2		07-March -2016
Roller	1	0		07-March -2016
Veco(with operator)	1	8		07-March -2016
Surveying Tools	2	16		08-March -2016
KIA-FORTE(Without driver)	2	16		08-March -2016
PEUOGIOT 301(Without driver)	1	8		08-March -2016
Skoda Fabia 2013	1	8		08-March -2016
Excavator Caterpillar	1	8		08-March -2016
Truck	1	8		08-March -2016
Bobcat	1	8		08-March -2016
Roller	1	8		08-March -2016
Veco(with operator)	1	8		08-March -2016
Surveying Tools	2	16		09-March -2016
KIA-FORTE(Without driver)	2	16		09-March -2016
PEUOGIOT 301(Without driver)	1	8		09-March -2016
Steel Compactor	1	1		09-March -2016
JCB(with operator)	1	0		09-March -2016
Truck	1	0		09-March -2016
Roller	1	4		09-March -2016
Skoda Fabia 2013	1	8		09-March -2016
Excavator Caterpillar	1	8		09-March -2016
Veco(with operator)	1	8		09-March -2016
Bobcat	2	4		09-March -2016
Surveying Tools	2	16		10-March -2016
KIA-FORTE(Without driver)	2	16		10-March -2016
PEUOGIOT 301(Without driver)	1	8		10-March -2016



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Truck	2	12		10-March -2016
Veco(with operator)	1	8		10-March -2016
Excavator Catetpillar	1	8		10-March -2016
Steel Compactor	1	8		10-March -2016
3CX-JCB	1	8		10-March -2016
Skoda Fabia 2013	1	8		10-March -2016
Surveying Tools	2	0		11-March -2016
KIA-FORTE(Without driver)	2	0		11-March -2016
PEUOGIOT 301(Without driver)	1	0		11-March -2016
Skoda Fabia 2013	1	0		11-March -2016
Veco(with operator)	1	0		11-March -2016
Surveying Tools	2	10		12-March -2016
KIA-FORTE(Without driver)	2	16		12-March -2016
PEUOGIOT 301(Without driver)	1	6		12-March -2016
Truck	1	4		12-March -2016
Small Steel Compactor	1	2		12-March -2016
Skoda Fabia 2013	1	6		12-March -2016
Excavator Caterpillar & JCB	2	16		12-March -2016
JCB(with operator)	1	4		12-March -2016
Veco(with operator)	1	6		12-March -2016
Surveying Tools	2	16		13-March -2016
KIA-FORTE(Without driver)	2	16		13-March -2016
PEUOGIOT 301(Without driver)	1	8		13-March -2016
Excavator Caterpillar & JCB	1	8		13-March -2016
JCB(with operator)	1	0		13-March -2016
Steel Compactor	1	0		13-March -2016
Truck	1	0		13-March -2016
Skoda Fabia 2013	1	8		13-March -2016
Bobcat	2	0		13-March -2016
Roller	1	0		13-March -2016
Veco(with operator)	1	8		13-March -2016
Surveying Tools	2	16		14-March -2016
KIA-FORTE(Without driver)	2	16		14-March -2016
PEUOGIOT 301(Without driver)	1	8		14-March -2016
Truck	1	0		14-March -2016
Steel Compactor	1	0		14-March -2016
Skoda Fabia 2013	1	8		14-March -2016
Bobcat	1	0		14-March -2016
JCB(with operator)	1	0		14-March -2016
Excavator Caterpillar & JCB	1	4		14-March -2016
Veco(with operator)	1	8		14-March -2016
Surveying Tools	2	0		15-March -2016
KIA-FORTE(Without driver)	2	0		15-March -2016
PEUOGIOT 301(Without driver)	1	0		15-March -2016
Skoda Fabia 2013	1	0		15-March -2016
Veco(with operator)	1	0		15-March -2016
Surveying Tools	2	16		16-March -2016
KIA-FORTE(Without driver)	2	16		16-March -2016



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PEUGEOT 301(Without driver)	1	8		16-March -2016
Skoda Fabia 2013	1	8		16-March -2016
Surveying Tools	2	16		17-March -2016
KIA-FORTE(Without driver)	2	16		17-March -2016
PEUGEOT 301(Without driver)	1	8		17-March -2016
Skoda Fabia 2013	1	8		17-March -2016
Veco(with operator)	1	8		17-March -2016
Surveying Tools	2	16		19-March -2016
KIA-FORTE(Without driver)	2	16		19-March -2016
PEUGEOT 301(Without driver)	1	8		19-March -2016
Steel Compactor	1	8		19-March -2016
Skoda Fabia 2013	1	8		19-March -2016
Veco(with operator)	1	8		19-March -2016
Surveying Tools	2	16		20-March -2016
KIA-FORTE(Without driver)	2	16		20-March -2016
PEUGEOT 301(Without driver)	1	8		20-March -2016
Skoda Fabia 2013	1	8		20-March -2016
Veco(with operator)	1	8		20-March -2016
Surveying Tools	2	16		21-March -2016
KIA-FORTE(Without driver)	2	16		21-March -2016
PEUGEOT 301(Without driver)	1	8		21-March -2016
Skoda Fabia 2013	1	8		21-March -2016
Veco(with operator)	1	8		21-March -2016
Surveying Tools	2	16		22-March -2016
Excavator JCB	1	8		22-March -2016
KIA-FORTE(Without driver)	2	16		22-March -2016
PEUGEOT 301(Without driver)	1	8		22-March -2016
Skoda Fabia 2013	1	8		22-March -2016
Veco(with operator)	1	8		22-March -2016
Surveying Tools	2	16		23-March -2016
KIA-FORTE(Without driver)	2	16		23-March -2016
PEUGEOT 301(Without driver)	1	8		23-March -2016
veco	1	8		23-March -2016
Skoda Fabia 2013	1	8		23-March -2016
Excavator JCB	1	8		23-March -2016
Surveying Tools	2	16		24-March -2016
KIA-FORTE(Without driver)	2	16		24-March -2016
PEUGEOT 301(Without driver)	1	8		24-March -2016
veco	1	8		24-March -2016
Skoda Fabia 2013	1	8		24-March -2016
Surveying Tools	2	0		25-March -2016
KIA-FORTE(Without driver)	2	0		25-March -2016
PEUGEOT 301(Without driver)	1	0		25-March -2016
Skoda Fabia 2013	1	0		25-March -2016
veco	1	0		25-March -2016



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Surveying Tools	2	16		26-March -2016
KIA-FORTE(Without driver)	2	16		26-March -2016
PEUOGEOOT 301(Without driver)	1	8		26-March -2016
Skoda Fabia 2013	1	8		26-March -2016
veco	1	8		26-March -2016
Surveying Tools	2	16		27-March -2016
KIA-FORTE(Without driver)	2	16		27-March -2016
PEUOGEOOT 301(Without driver)	1	8		27-March -2016
Skoda Fabia 2013	1	8		27-March -2016
veco	1	8		27-March -2016
Surveying Tools	2	16		28-March -2016
KIA-FORTE(Without driver)	2	16		28-March -2016
PEUOGEOOT 301(Without driver)	1	8		28-March -2016
Skoda Fabia 2013	1	8		28-March -2016
veco	1	8		28-March -2016
Surveying Tools	2	16		29-March -2016
KIA-FORTE(Without driver)	2	16		29-March -2016
PEUOGEOOT 301(Without driver)	1	8		29-March -2016
Skoda Fabia 2013	1	8		29-March -2016
veco	1	8		29-March -2016
Surveying Tools	2	16		30-March -2016
KIA-FORTE(Without driver)	2	16		30-March -2016
PEUOGEOOT 301(Without driver)	1	8		30-March -2016
Excavator JCB	1	8		30-March -2016
Skoda Fabia 2013	1	8		30-March -2016
veco	1	8		30-March -2016
Surveying Tools	2	16		31-March -2016
KIA-FORTE(Without driver)	2	16		31-March -2016
PEUOGEOOT 301(Without driver)	1	8		31-March -2016
Skoda Fabia 2013	1	8		31-March -2016
veco	1	8		31-March -2016
Surveying Tools	2	16		02-April -2016
KIA-FORTE(Without driver)	2	16		02-April -2016
PEUOGEOOT 301(Without driver)	1	8		02-April -2016
Truck	2	16		02-April -2016
Steel Compactor	1	3		02-April -2016
Excavator Caterpillar	1	8		02-April -2016
Skoda Fabia 2013	1	8		02-April -2016
JCB(with operator)	1	6		02-April -2016
Veco(with operator)	1	8		02-April -2016
Bobcat	1	3		02-April -2016
Surveying Tools	2	16		03-April -2016
KIA-FORTE(Without driver)	2	16		03-April -2016
PEUOGEOOT 301(Without driver)	1	8		03-April -2016
Bobcat	1	6		03-April -2016
Steel Compactor	1	4		03-April -2016
Truck	3	8		03-April -2016
Excavator Caterpillar	1	4		03-April -2016



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Veco(with operator)	1	8		03-April -2016
Skoda Fabia 2013	1	8		03-April -2016
JCB(with operator)	1	6		03-April -2016
Surveying Tools	2	16		04-April -2016
KIA-FORTE(Without driver)	2	16		04-April -2016
PEUOGIOT 301(Without driver)	1	8		04-April -2016
Skoda Fabia 2013	1	8		04-April -2016
Veco(with operator)	1	8		04-April -2016
Surveying Tools	2	16		05-April -2016
KIA-FORTE(Without driver)	2	16		05-April -2016
PEUOGIOT 301(Without driver)	1	8		05-April -2016
Truck	1	0		05-April -2016
Steel Compactor	1	4		05-April -2016
JCB(with operator)	1	8		05-April -2016
Excavator Caterpillar	1	8		05-April -2016
Roller	1	0		05-April -2016
Skoda Fabia 2013	1	8		05-April -2016
Veco(with operator)	1	8		05-April -2016
Bobcat	2	4		05-April -2016
Surveying Tools	2	10		06-April -2016
KIA-FORTE(Without driver)	2	16		06-April -2016
PEUOGIOT 301(Without driver)	1	8		06-April -2016
JCB(with operator)	1	8		06-April -2016
Bobcat	1	6		06-April -2016
Skoda Fabia 2013	1	8		06-April -2016
Steel Compactor	1	4		06-April -2016
Excavator Caterpillar	1	8		06-April -2016
Veco(with operator)	1	8		06-April -2016
Surveying Tools	3	10		07-April -2016
KIA-FORTE(Without driver)	2	16		07-April -2016
Steel Compactor	1	2		07-April -2016
PEUOGIOT 301(Without driver)	1	8		07-April -2016
Skoda Fabia 2013	1	8		07-April -2016
Truck	1	0		07-April -2016
JCB(with operator)	1	0		07-April -2016
Excavator Caterpillar	1	8		07-April -2016
3CX-JCB	1	2		07-April -2016
Bobcat	2	2		07-April -2016
Roller	1	0		07-April -2016
Veco(with operator)	1	8		07-April -2016
Surveying Tools	2	16		09-April -2016
KIA-FORTE(Without driver)	2	16		09-April -2016
PEUOGIOT 301(Without driver)	1	8		09-April -2016
Steel Compactor	1	1		09-April -2016
JCB(with operator)	1	8		09-April -2016
Truck	1	8		09-April -2016
Roller	1	4		09-April -2016
Skoda Fabia 2013	1	8		09-April -2016
Excavator Caterpillar	1	8		09-April -2016
Veco(with operator)	1	8		09-April -2016
Bobcat	2	4		09-April -2016
Surveying Tools	2	16		10-April -2016
KIA-FORTE(Without driver)	2	16		10-April -2016



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PEUOGEOOT 301(Without driver)	1	8		10-April -2016
Truck	2	12		10-April -2016
Veco(with operator)	1	8		10-April -2016
Excavetor Catetpillar	1	8		10-April -2016
Steel Compactor	1	8		10-April -2016
3CX-JCB	1	8		10-April -2016
Skoda Fabia 2013	1	8		10-April -2016
Surveying Tools	2	16		11-April -2016
KIA-FORTE(Without driver)	2	16		11-April -2016
PEUOGEOOT 301(Without driver)	1	8		11-April -2016
Skoda Fabia 2013	1	8		11-April -2016
Veco(with operator)	1	8		11-April -2016
Surveying Tools	2	10		12-April -2016
KIA-FORTE(Without driver)	2	16		12-April -2016
PEUOGEOOT 301(Without driver)	1	6		12-April -2016
Truck	1	4		12-April -2016
Small Steel Compactor	1	2		12-April -2016
Skoda Fabia 2013	1	6		12-April -2016
Excavetor Catetpillar & JCB	2	16		12-April -2016
JCB(with operator)	1	4		12-April -2016
Veco(with operator)	1	6		12-April -2016
Surveying Tools	2	16		13-April -2016
KIA-FORTE(Without driver)	2	16		13-April -2016
PEUOGEOOT 301(Without driver)	1	8		13-April -2016
Excavator Caterpillar & JCB	1	8		13-April -2016
JCB(with operator)	1	4		13-April -2016
Steel Compactor	1	4		13-April -2016
Truck	1	4		13-April -2016
Skoda Fabia 2013	1	8		13-April -2016
Bobcat	2	16		13-April -2016
Roller	1	8		13-April -2016
Veco(with operator)	1	8		13-April -2016
Surveying Tools	2	16		14-April -2016
KIA-FORTE(Without driver)	2	16		14-April -2016
PEUOGEOOT 301(Without driver)	1	8		14-April -2016
Truck	1	0		14-April -2016
Steel Compactor	1	0		14-April -2016
Skoda Fabia 2013	1	8		14-April -2016
Bobcat	1	8		14-April -2016
JCB(with operator)	1	4		14-April -2016
Excavator Caterpillar & JCB	1	4		14-April -2016
Veco(with operator)	1	8		14-April -2016
Surveying Tools	2	0		15-April -2016
KIA-FORTE(Without driver)	2	0		15-April -2016
PEUOGEOOT 301(Without driver)	1	0		15-April -2016
Skoda Fabia 2013	1	0		15-April -2016
Veco(with operator)	1	0		15-April -2016
Surveying Tools	2	16		16-April -2016
KIA-FORTE(Without driver)	2	16		16-April -2016
PEUOGEOOT 301(Without driver)	1	8		16-April -2016
Skoda Fabia 2013	1	8		16-April -2016
Surveying Tools	2	16		17-April -2016
KIA-FORTE(Without driver)	2	16		17-April -2016



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FROM THE AMERICAN PEOPLE

PEUGEOT 301(Without driver)	1	8		17-April -2016
Skoda Fabia 2013	1	8		17-April -2016
Veco(with operator)	1	8		17-April -2016
Surveying Tools	2	16		19-April -2016
KIA-FORTE(Without driver)	2	16		19-April -2016
PEUGEOT 301(Without driver)	1	8		19-April -2016
Steel Compactor	1	8		19-April -2016
Skoda Fabia 2013	1	8		19-April -2016
Veco(with operator)	1	8		19-April -2016
Surveying Tools	2	16		20-April -2016
KIA-FORTE(Without driver)	2	16		20-April -2016
PEUGEOT 301(Without driver)	1	8		20-April -2016
Skoda Fabia 2013	1	8		20-April -2016
Veco(with operator)	1	8		20-April -2016
Surveying Tools	2	16		21-April -2016
KIA-FORTE(Without driver)	2	16		21-April -2016
PEUGEOT 301(Without driver)	1	8		21-April -2016
Skoda Fabia 2013	1	8		21-April -2016
Veco(with operator)	1	8		21-April -2016
Surveying Tools	2	0		22-April -2016
Excavator JCB	1	0		22-April -2016
KIA-FORTE(Without driver)	2	0		22-April -2016
PEUGEOT 301(Without driver)	1	0		22-April -2016
Skoda Fabia 2013	1	0		22-April -2016
Veco(with operator)	1	0		22-April -2016
Surveying Tools	2	16		23-April -2016
KIA-FORTE(Without driver)	2	16		23-April -2016
PEUGEOT 301(Without driver)	1	8		23-April -2016
veco	1	8		23-April -2016
Skoda Fabia 2013	1	8		23-April -2016
Excavator JCB	1	8		23-April -2016
Surveying Tools	2	16		24-April -2016
KIA-FORTE(Without driver)	2	16		24-April -2016
PEUGEOT 301(Without driver)	1	8		24-April -2016
veco	1	8		24-April -2016
Skoda Fabia 2013	1	8		24-April -2016
Surveying Tools	2	16		25-April -2016
KIA-FORTE(Without driver)	2	16		25-April -2016
PEUGEOT 301(Without driver)	1	8		25-April -2016
Skoda Fabia 2013	1	8		25-April -2016
veco	1	8		25-April -2016
Surveying Tools	2	16		26-April -2016
KIA-FORTE(Without driver)	2	16		26-April -2016
PEUGEOT 301(Without driver)	1	8		26-April -2016
Skoda Fabia 2013	1	8		26-April -2016
veco	1	8		26-April -2016
Surveying Tools	2	16		27-April -2016
KIA-FORTE(Without driver)	2	16		27-April -2016
PEUGEOT 301(Without driver)	1	8		27-April -2016
Skoda Fabia 2013	1	8		27-April -2016
veco	1	8		27-April -2016
Surveying Tools	2	16		28-April -2016
KIA-FORTE(Without driver)	2	16		28-April -2016



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FROM THE AMERICAN PEOPLE

PEUOGEOOT 301(Without driver)	1	8		28-April -2016
Skoda Fabia 2013	1	8		28-April -2016
veco	1	8		28-April -2016
Surveying Tools	2	0		29-April -2016
KIA-FORTE(Without driver)	2	0		29-April -2016
PEUOGEOOT 301(Without driver)	1	0		29-April -2016
Skoda Fabia 2013	1	0		29-April -2016
veco	1	0		29-April -2016
Surveying Tools	2	16		30-April -2016
KIA-FORTE(Without driver)	2	16		30-April -2016
PEUOGEOOT 301(Without driver)	1	8		30-April -2016
Excavator JCB	1	8		30-April -2016
Skoda Fabia 2013	1	8		30-April -2016
veco	1	8		30-April -2016

Surveying Tools	2	16	01-May -2016
KIA-FORTE(Without driver)	2	16	01-May -2016
PEUOGEOOT 301(Without driver)	1	8	01-May -2016
Truck	2	16	01-May -2016
Steel Compactor	1	3	01-May -2016
Excavator Caterpillar	1	8	01-May -2016
Skoda Fabia 2013	1	8	01-May -2016
JCB(with operator)	1	6	01-May -2016
Veco(with operator)	1	8	01-May -2016
Bobcat	1	3	01-May -2016
Surveying Tools	2	16	02-May -2016
KIA-FORTE(Without driver)	2	16	02-May -2016
PEUOGEOOT 301(Without driver)	1	8	02-May -2016
Bobcat	1	6	02-May -2016
Steel Compactor	1	4	02-May -2016
Truck	3	8	02-May -2016
Excavator Caterpillar	1	4	02-May -2016
Veco(with operator)	1	8	02-May -2016
Skoda Fabia 2013	1	8	02-May -2016
JCB(with operator)	1	6	02-May -2016
Surveying Tools	2	16	03-May -2016
KIA-FORTE(Without driver)	2	16	03-May -2016
PEUOGEOOT 301(Without driver)	1	8	03-May -2016
Skoda Fabia 2013	1	8	03-May -2016
Veco(with operator)	1	8	03-May -2016
Surveying Tools	2	16	04-May -2016
KIA-FORTE(Without driver)	2	16	04-May -2016
PEUOGEOOT 301(Without driver)	1	8	04-May -2016
Truck	1	0	04-May -2016
Steel Compactor	1	4	04-May -2016
JCB(with operator)	1	8	04-May -2016
Excavator Caterpillar	1	8	04-May -2016
Roller	1	0	04-May -2016



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FROM THE AMERICAN PEOPLE

Skoda Fabia 2013	1	8	04-May -2016
Veco(with operator)	1	8	04-May -2016
Bobcat	2	4	04-May -2016
Surveying Tools	2	10	05-May -2016
KIA-FORTE(Without driver)	2	16	05-May -2016
PEUOGEOOT 301(Without driver)	1	8	05-May -2016
JCB(with operator)	1	8	05-May -2016
Bobcat	1	6	05-May -2016
Skoda Fabia 2013	1	8	05-May -2016
Steel Compactor	1	4	05-May -2016
Excavator Caterpillar	1	8	05-May -2016
Veco(with operator)	1	8	05-May -2016
Surveying Tools	3	10	07-May -2016
KIA-FORTE(Without driver)	2	16	07-May -2016
Steel Compactor	1	2	07-May -2016
PEUOGEOOT 301(Without driver)	1	8	07-May -2016
Skoda Fabia 2013	1	8	07-May -2016
Truck	1	0	07-May -2016
JCB(with operator)	1	0	07-May -2016
Excavator Caterpillar	1	8	07-May -2016
3CX-JCB	1	2	07-May -2016
Bobcat	2	2	07-May -2016
Roller	1	0	07-May -2016
Veco(with operator)	1	8	07-May -2016
Surveying Tools	2	16	08-May -2016
KIA-FORTE(Without driver)	2	16	08-May -2016
PEUOGEOOT 301(Without driver)	1	8	08-May -2016
Steel Compactor	1	1	08-May -2016
JCB(with operator)	1	8	08-May -2016
Truck	1	8	08-May -2016
Roller	1	4	08-May -2016
Skoda Fabia 2013	1	8	08-May -2016
Excavator Caterpillar	1	8	08-May -2016
Veco(with operator)	1	8	08-May -2016
Bobcat	2	4	08-May -2016
Surveying Tools	2	16	09-May -2016
KIA-FORTE(Without driver)	2	16	09-May -2016
PEUOGEOOT 301(Without driver)	1	8	09-May -2016
Truck	2	12	09-May -2016
Veco(with operator)	1	8	09-May -2016
Excavator Caterpillar	1	8	09-May -2016
Steel Compactor	1	8	09-May -2016
3CX-JCB	1	8	09-May -2016
Skoda Fabia 2013	1	8	09-May -2016
Surveying Tools	2	16	10-May -2016
KIA-FORTE(Without driver)	2	16	10-May -2016
PEUOGEOOT 301(Without driver)	1	8	10-May -2016
Skoda Fabia 2013	1	8	10-May -2016



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FROM THE AMERICAN PEOPLE

Veco(with operator)	1	8	10-May -2016
Surveying Tools	2	10	11-May -2016
KIA-FORTE(Without driver)	2	16	11-May -2016
PEUOGEOOT 301(Without driver)	1	6	11-May -2016
Truck	1	4	11-May -2016
Small Steel Compactor	1	2	11-May -2016
Skoda Fabia 2013	1	6	11-May -2016
Excavator Catetpillar & JCB	2	16	11-May -2016
JCB(with operator)	1	4	11-May -2016
Veco(with operator)	1	6	11-May -2016
Surveying Tools	2	16	12-May -2016
KIA-FORTE(Without driver)	2	16	12-May -2016
PEUOGEOOT 301(Without driver)	1	8	12-May -2016
Excavator Caterpillar & JCB	1	8	12-May -2016
JCB(with operator)	1	4	12-May -2016
Steel Compactor	1	4	12-May -2016
Truck	1	4	12-May -2016
Skoda Fabia 2013	1	8	12-May -2016
Bobcat	2	16	12-May -2016
Roller	1	8	12-May -2016
Veco(with operator)	1	8	12-May -2016
Surveying Tools	2	16	14-May -2016
KIA-FORTE(Without driver)	2	16	14-May -2016
PEUOGEOOT 301(Without driver)	1	8	14-May -2016
Truck	1	0	14-May -2016
Steel Compactor	1	0	14-May -2016
Skoda Fabia 2013	1	8	14-May -2016
Bobcat	1	8	14-May -2016
JCB(with operator)	1	4	14-May -2016
Excavator Caterpillar & JCB	1	4	14-May -2016
Veco(with operator)	1	8	14-May -2016
Surveying Tools	2	0	15-May -2016
KIA-FORTE(Without driver)	2	0	15-May -2016
PEUOGEOOT 301(Without driver)	1	0	15-May -2016
Skoda Fabia 2013	1	0	15-May -2016
Veco(with operator)	1	0	15-May -2016
Surveying Tools	2	16	16-May -2016
KIA-FORTE(Without driver)	2	16	16-May -2016
PEUOGEOOT 301(Without driver)	1	8	16-May -2016
Skoda Fabia 2013	1	8	16-May -2016
Surveying Tools	2	16	17-May -2016
KIA-FORTE(Without driver)	2	16	17-May -2016
PEUOGEOOT 301(Without driver)	1	8	17-May -2016
Skoda Fabia 2013	1	8	17-May -2016
Veco(with operator)	1	8	17-May -2016
Surveying Tools	2	16	19-May -2016
KIA-FORTE(Without driver)	2	16	19-May -2016
PEUOGEOOT 301(Without driver)	1	8	19-May -2016



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driver)			
Steel Compactor	1	8	19-May -2016
Skoda Fabia 2013	1	8	19-May -2016
Veco(with operator)	1	8	19-May -2016
Surveying Tools	2	16	21-May -2016
KIA-FORTE(Without driver)	2	16	21-May -2016
PEUOGEOOT 301(Without driver)	1	8	21-May -2016
Skoda Fabia 2013	1	8	21-May -2016
Veco(with operator)	1	8	21-May -2016
Surveying Tools	2	16	22-May -2016
KIA-FORTE(Without driver)	2	16	22-May -2016
PEUOGEOOT 301(Without driver)	1	8	22-May -2016
Skoda Fabia 2013	1	8	22-May -2016
Veco(with operator)	1	8	22-May -2016
Surveying Tools	2	0	22-May -2016
Excavator JCB	1	0	22-May -2016
KIA-FORTE(Without driver)	2	0	22-May -2016
PEUOGEOOT 301(Without driver)	1	0	22-May -2016
Skoda Fabia 2013	1	0	22-May -2016
Veco(with operator)	1	0	22-May -2016
Surveying Tools	2	16	23-May -2016
KIA-FORTE(Without driver)	2	16	23-May -2016
PEUOGEOOT 301(Without driver)	1	8	23-May -2016
veco	1	8	23-May -2016
Skoda Fabia 2013	1	8	23-May -2016
Excavator JCB	1	8	23-May -2016
Surveying Tools	2	16	24-May -2016
KIA-FORTE(Without driver)	2	16	24-May -2016
PEUOGEOOT 301(Without driver)	1	8	24-May -2016
veco	1	8	24-May -2016
Skoda Fabia 2013	1	8	24-May -2016
Surveying Tools	2	16	25-May -2016
KIA-FORTE(Without driver)	2	16	25-May -2016
PEUOGEOOT 301(Without driver)	1	8	25-May -2016
Skoda Fabia 2013	1	8	25-May -2016
veco	1	8	25-May -2016
Surveying Tools	2	16	26-May -2016
KIA-FORTE(Without driver)	2	16	26-May -2016
PEUOGEOOT 301(Without driver)	1	8	26-May -2016
Skoda Fabia 2013	1	8	26-May -2016
veco	1	8	26-May -2016
Surveying Tools	2	16	28-May -2016
KIA-FORTE(Without driver)	2	16	28-May -2016
PEUOGEOOT 301(Without driver)	1	8	28-May -2016
Skoda Fabia 2013	1	8	28-May -2016
veco	1	8	28-May -2016



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Surveying Tools	2	16	29-May -2016
KIA-FORTE(Without driver)	2	16	29-May -2016
PEUOGEOOT 301(Without driver)	1	8	29-May -2016
Skoda Fabia 2013	1	8	29-May -2016
veco	1	8	29-May -2016
Surveying Tools	2	0	30-May -2016
KIA-FORTE(Without driver)	2	0	30-May -2016
PEUOGEOOT 301(Without driver)	1	0	30-May -2016
Skoda Fabia 2013	1	0	30-May -2016
veco	1	0	30-May -2016
Surveying Tools	2	16	31-May -2016
KIA-FORTE(Without driver)	2	16	31-May -2016
PEUOGEOOT 301(Without driver)	1	8	31-May -2016
Excavator JCB	1	8	31-May -2016
Skoda Fabia 2013	1	8	31-May -2016
veco	1	8	31-May -2016



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Annex B – Original Time Schedule

Narrative report

1 Project Description

1.1 Background

Infrastructure in the West Bank and Gaza suffers from years of neglect and lack of investment. The USAID Mission Infrastructure Needs Program II (INP II) focuses on the rehabilitation and construction of roads, water, and wastewater projects. The USAID objective is to help the Palestinian economy by improving Palestinian access to basic infrastructure and services.

1.2 Project Objective

The objective of this Task Order is to upgrade the existing water supply system in the southeast part of the Jenin Governorate, located in the northern region of the West Bank. The upgrades will improve the transmission of water supply to villages southwest of the Jenin municipality, improve water storability by constructing new reservoirs, and provide a reliable, safe and affordable water supply to the project area.

1.3 Statement of Work

The following is a summary description of the Southwest Jenin Water Project:

This project includes constructing new reservoirs and a booster pump station, constructing new transmission pipelines, replacing old transmission pipelines, constructing new supply pipelines, and upgrading and improving access roads to reservoir sites. Project elements consist of the following:

Construction of Facilities

1. Arraba Reservoir – Replacement of existing 1000 m³ with a new 2,000 m³
2. Jalqamus Reservoir – Replacement of existing 500 m³ with a new 1000m³
3. Kafr Rai Reservoir – New Construction 1,000 m³
4. Ajja Reservoir – New Construction 1000 m³
5. Kuferit Reservoir – New Construction 500 m³
6. Al Mutilla Reservoir – New Construction 500 m³
7. Al Mutilla Booster Station - New Construction

Construction of New Transmission Mains & Supply Pipelines

1. Jalqamus Junction to Al Mutilla Booster Station (150mm x 2.7 km)
2. Al Mutilla Booster Station to Al Mutilla Reservoir (150mmx 1.7 km)
3. Sanur Junction to Maythaloun Well (250mm x 3.7 km)
4. Anza Junction to Ajja Reservoir (200mm x 1.1 km)
5. Ajja Network Supply Pipeline (200mm x 1.2 km)

Replacement of Existing Transmission Mains

1. Yabad Junction to Kuferit Reservoir (150mm x 2.4 km)
2. Talfit Junction to Jalqamus Reservoir (150mm x 2.3 km)
3. Jalqamus Reservoir to Jalqamus Junction (150mm x 1.8 km)

Construction of New Distribution Network

1. Al Mutilla Distribution Network

BOQ Line Item Amount:	\$ 12,449,433.37
Day Work Amount:	\$ 500,000.00
Start Date Of Construction Activity:	Not Yet
Contractual Period Of Performance:	480 Calendar Days
Contractual completion Date:	February 16, 2017

1.6 Contract Milestones:

The contractual milestones are:

Start Milestone – Notice to Proceed: October 26, 2015

Finish Milestone – Project Completion Date: February 16, 2017

2 Permits

The following permits have been obtained for the work under this Task Order.

- Israeli Civil Administration (ICA) Construction Permit
- Palestinian Water Authority (PWA) Construction Permits

3 Project Construction Area

- The project construction area distributed between Areas A, B and C. Therefore; The Morganti Group, Inc., (TMGI) will implement a proactive performance of any and all coordination needed with the District Civil Liaison Office (DCL), Civil Administration Departments, Ma'atz (Israeli National Roads Company), the Israeli Police and any other relevant authority or utility that has jurisdiction over any portion of the construction works. Coordination includes, but is not limited to, any work needed to obtain approvals; coordinating the movement of personnel, equipment and materials to and from the project site; and any other coordination required by the relevant authorities to ensure no hindrance of the scheduled completion of the project in a timely manner.

4 Traffic Control Plan

TMGI and SAK will implement traffic control plan prior to starting any work in the road right-of-way/easement and the traffic control plan and safety measures will be maintained during construction activities.

The following segments of transmission pipe lines are located in Area C

1. ANZA - AJJA TRANSMISSION PIPELINE
From STA: 0+270 to STA: 1+104
2. YABAD - KUFEIRIT TRANSMISSION PIPELINE
From STA: 0+000 to STA: 0+640.
3. JALQAMUS - AL MUTILLA TRANSMISSION PIPELINE (AL Mughayyir-AL Mutilla Force Line).
From STA 0+270 to STA: 1+430.

5 Safety Program:

TMGI will post OSHA-required notices and establish safety programs prior to starting any work as stated in section C.9.2 of basic IQC Contract; protect life, property and the environment with

respect to all work performed under this IQC, whether performed by the Prime-Contractor or subcontractors.

6 Period of Performance

The period of performance for this project ‘**Southwest Jenin Water Project**’ under this Task Order is **480 calendar days** from the date of USAID’s issuance of the Notice to Proceed (NTP) to the date of project completion and acceptance by USAID.

7 Task Order Constraints

All schedule constraints were incorporated in the preliminary schedule as required in RFTOP-WATER-294-15-000008 section F5 – B1

Activity Name	Constraint
Preparation & Submit Copy of Bank Guarantee Certificates	Within (14) calendar days after the date of Task Order award
Preparation & Submit Scheduling Qualification Submittal	within 10 Days after Notice to Proceed
Preparation & Submit Key Staff	Due no later than 14 days NTP
Preparation & Submit Quality Control Program	Due no later than 30 days after Notice to Proceed and prior to commencement of any construction activity.
Preparation & Submit Safety Plan	Due no later than 45 days after issuance of NTP and prior to commencement of any construction activity.
Preparation & Submit Traffic Control Plan	Due prior to commencement of any construction activity.
Preparation & Submit Environmental Monitoring and Mitigation Plan	Due no later than 45 days after issuance of NTP, and prior to commencement of any construction activity.
Preparation & Submit Baseline CPM Schedule	Due no later than 45 days after issuance of NTP

8 Work Groups and Crews:

As indicated previously TMGI will execute and perform the work through its subcontractor SAK, the construction work plan was established based on the following work groups and crews:

1. Surveying, Shop Drawings and Dilapidation Activity:

- Three crews will start the surveying, shop drawings and dilapidation recording. Each crew will compose of the following equipment and workforce:
 - 1 Foreman, 1 surveyor, 1 Engineer and 2 helpers.
 - 1 Pickups and 1 surveying equipment sets,

2. Construction of Facilities:

- Two Groups (each Group consist of two Crews) will handle the construction of the civil works of Reservoirs and the Booster Station. The responsibility of each crew includes:
 - Demolition and excavation.
 - Pouring concrete for blinding. Fixing and installing formwork. Bending and fixing steel reinforcement. R.C pouring for foundations, columns, walls and roof slab.
 - External works including base course, asphalt, riprap, fences, walls, gates, and all other works.

Each crew will compose of the following equipment and workforce:

- 1 Foreman, 3 formwork erectors, 2 steel fixers, 5 helpers and 1 pipe fitter.
- 1 Rock breaker/ excavator, 1 JCB 3CX, 1 Loader, 1 Dump Trucks, 1 Steel Roller, 1 Plate Compactor, 1 Concrete Pump, 4 Transit Mixers, 2 Vibrators, 1 Water Tank-Part Time, and 1 steel bar bending and cutting machine.

3. Yard piping and mechanical assemblies at the Booster Station and Reservoirs:

- One crew will handle all yard piping and mechanical assemblies. The responsibility of this crew includes:
 - Welding and installing all pipes at the booster station and reservoirs.
 - Installing all mechanical assemblies in the booster station and reservoirs.

This crew will compose of the following equipment and workforce:

- 1 Foreman, 1 welder, 1 fabricator, and 2 unskilled labors.
- 1 Generator, 1 Welding Machine, 1 small crane, 1 Truck.

4. Excavation, pipeline Installation, Backfilling:

- One crew will handle the main transmission pipeline. As per the following sequence of work
 1. Sanur Junction to Maythaloun Well pipeline (250mm x 3.7 km)
 2. Talfit Junction to Jalqamus Reservoir (150mm x 2.3 km)
 3. Jalqamus Reservoir to Jalqamus Junction (150mm x 1.8 km)
 4. Jalqamus Junction to Al Mutilla Booster Station (150mm x 2.7 km)
 5. Al Mutilla Booster Station to Al Mutilla Reservoir (150mmx 1.7 km)
 6. Al Mutilla Distribution Network.
 7. Yabad Junction to Kuferit Reservoir pipeline (150mm x 2.4 km)
 8. Anza Junction to Ajja Reservoir pipeline (200mm x 1.1 km)
 9. Ajja Network Supply Pipeline (200mm x 1.2 km)

The responsibility of each crew includes:

- Excavation, bedding, pipe welding and backfilling,

Each crew will compose of the following equipment and workforce:

- 1 Foreman, 2 skilled labors and 2 welders.
- 1 Excavator, 1 JCB 3CX, 2 Dump Trucks, 1 Loader CAT 950, 1 Water tank, 1 Steel Roller Bomag, 1 Generator, 1 truck crane, 1 welding machine, and 1 Asphalt Cutter and Hand tools.

The average productivity rate for each crew including trench excavation, bedding, installation, and backfilling and cathode protection and testing will be:

For 2” Transmission Pipeline is 100 linear meter per day (Network)

For 3” Transmission Pipeline is 100 linear meter per day (Network)

For 6” Transmission Pipeline is 120 linear meter per day

For 8” Transmission Pipeline is 90 linear meter per day

For 10” Transmission Pipeline is 80 linear meter per day

5. Pipe Fabrication and welding:

- One crew will handle the pipe fabrication and welding and will compose of the following equipment and workforce:
 - 1 Welding Forman, 2 welders, and 2 skilled labors.
 - 2 Welding Machines, 2 mobile generator sets, 1 20 ton crane and 1 holiday machine.

6. Pipeline Cathodic Protection:

- One crew will handle the cathodic protection installation. The responsibility of this crew includes:
 - Hole Boring, Anodes Installation, Exothermal welding and weld protection,
 - Install Test Stations

This crew will compose of the following equipment and workforce:

- 1 Foreman, welder and helper.
- 1 Auger drill, 1 Generator, 1 pickup, I welding machine and 1 set of hand tools.

7. Chambers Construction:

- Two crews will handle all chambers Construction and fittings installation. The responsibility of each crew includes:
 - Fixing and installing manhole formwork.
 - Bending and fixing steel reinforcement.
 - Concrete pouring and Covers installation

Each crew will compose of the following equipment and workforce:

- 2 Carpenter (one of them Foreman), 2 Steel Fixer, 2 unskilled and 2 skilled labors.
- 1 Concrete Vibrator, 1 Generator and 1 Truck.

8. Mechanical assemblies inside Chambers:

- One crew will handle all piping and mechanical assemblies at chambers. The responsibility of this crew includes:
 - Welding and installing all pipes connection.
 - Installing all mechanical assemblies in chambers.

This crew will compose of the following equipment and workforce:

- 1 Foreman, 1 welder, 1 fabricator, and 4 unskilled labors.
- 1 Generator, 1 Welding Machine, 1 small crane, 1 Truck.

9. Pipelines trench reinstatement:

- One crew will handle the trench reinstatement over trenches. The responsibility of this crew includes:
 - Spreading, mixing, leveling and compaction of base course layers with the required thicknesses as per specifications, details and BOQ.
 - Spraying prime coat MCO70.
 - Spreading, levelling and compaction of asphalt layers with the required thicknesses as per specifications, details and BOQ.
 - Spraying tack coat RC where needed.

This crew will compose of the following equipment and workforce:

- 1 Foreman, 2 skilled labors, 2 unskilled labors.
- 1 truck, 1 Excavator JCB 3CX, 1 Water Tanker, 1 bobcat with power broom, 1 pickup, 1x 120cm asphalt steel roller, 1 pneumatic roller, 1 MCO70 and/ or RC spraying tanker and 1 asphalt cutting machine.

Productivity rate for pipelines trench reinstatement will be as follows:

- 200 - 300 linear meters per day for asphalt trench restoration.
- 150 - 200 linear meters per day for Base course trench restoration (if required). Laying of Base course layer will be immediately after completion of installation and backfilling of trench.
- The testing of base course layer will be carried out prior applying the two layers of asphalt.

10. Cleaning, washing, testing & disinfection:

- One crew will handle the cleaning, washing, testing & disinfection of water-holding structures and/or pipelines. The responsibility of this crew includes:
 - Hydro testing, cleaning, washing, flushing & disinfection of the pipelines.
 - Perform all bacteriological tests as per the specifications.

This crew will compose of the following equipment and workforce:

- 1 Foreman, 1 lead bacteriological technician, 2 skilled labors, 2 unskilled labors.
- 1 Water Tanker, 1 hydrostatic pump, 1 pickup, 2 calibrated gauges and 1 generator.

11. Power Supply, Electrical Panels, Instrumentation Installation and SCADA Activation:

- One crew will handle the electrical power supply connections and SCADA activation. The responsibility of this crew includes:
 - Installation of the RTU/PLC panels and Antennas at specific locations
 - Programing and communication setup and integration into Ramallah CCR Panel
 - Installation of MCC panels and necessary cabling to various instruments and equipment

This crew will compose of the following equipment and workforce:

- 1 Foremen, 3 skilled electricians, 3 unskilled labors.
- Cable termination kits, megger meter and tools.

It is to be noted that all required plant and equipment needed to perform the works per the crews' assignment above are all available.

12. Roads reinstatement and Access Road Upgrades:

- One crew will handle the roads reinstatement for the complete or up to 3.0 m of the road width. The responsibility of this crew includes:
 - Spreading, mixing, leveling and compaction of subgrade layers, and base course layers with the required thicknesses as per specifications, details and BOQ.

- Spraying prime coat MCO70.
- Spreading, leveling and compaction of asphalt layers with the required thicknesses as per specifications, details and BOQ.

This crew will compose of the following equipment and workforce:

- 1 Foreman, 2 skilled labors, 2 unskilled labors.
- 4 trucks, 1 loader CAT 950, 1 water tanker, 1 bobcat, 1 pickup, 1 asphalt steel roller, 2 pneumatic rollers, 1 asphalt finisher, 1 MCO70 spraying tanker and 1 asphalt cutting machine.

Productivity Rate will be as follows:

- Excavation, backfilling, subgrade preparation, Sub Base and Base course layers: 1000 – 1200 m² per day.
- Asphalt work: 2000 – 2200 m² per day.

9 Sequence of work and logic Network:

- ✓ Based on the above-mentioned work groups and crews and the task order scope of work, the construction related activities were planned and sequenced to minimize public disruption and to complete the project within the time frame.
- ✓ The execution activities were scheduled to be started following approval of implementation of traffic control plan and safety plan.
- ✓ The execution activities will be started following approval of shop drawings in addition to the approval of material and method statement submittals.
- ✓ The above work will be scheduled and sequenced to ensure continuous operation of the existing plant facilities as per specification section 01310 part 24.04.
- ✓ The work group of transmission pipelines and chambers will start work following delivery of pipes and will start construction activities from Area A and B, to allow sufficient time for coordination and approval of traffic control plan from Israeli authority at area C.
- ✓ TMGI will execute and perform the aforementioned task order through its subcontractor SAK.
- ✓ TMGI will use the CPM scheduling technique to plan, schedule, and tracking and control the performance of work prior, during, and after construction period of the project.
- ✓ The Original Baseline CPM Schedule comprises all the detailed construction-related activities using the critical path method (CPM). The Schedule provides sufficient detail and clarity to reflect the intricacies and interdependencies of activities to Morganti plan, schedule, monitor, control and report on the progress of its work. In addition, it shall provide the Engineer and Owner a tool to monitor and follow the progress for all phases of the Work.

The original CPM Schedule shows detailed construction-related activities for the entire project including **preconstruction**, **construction** and **post construction** phase as Follows:

- The project was divided to three main phases; **Preconstruction Phase**, **Construction Phase** and **Post Construction phase**, in addition to the **general and intermediate milestones**.
- The **Preconstruction Phase** consists of the following:
 - ✓ List of Preconstruction Submittals activities that will be submitted during the preconstruction phase and prior to commencement of any construction activities.
 - ✓ List of mobilization activities that will be completed during the initial 30 days after Notice to Proceed (NTP).
- The **Construction Phase** consists of the following activities:
 - ✓ Construction submittals activities that consist of the following:
 - Material Submittals such as mechanical, electrical and civil material submittals,
 - Submittals necessary for long lead items procurement.
 - Shop drawing submittals for transmission pipelines, booster station and reservoirs.
 - ✓ Procurement activities are planned to be started immediately following approval of long lead items submittals.
 - ✓ Execution Activities: the Work Break down Structure (WBS) consists of all execution activities to complete the scope of work under this task order. The execution phase divided into four major zones based on the geographical location and sequenced as follows :
 - ✓ Zone 01

1. Al Mutilla Reservoir (Elevated); Work group 01 – First crew
 2. Jalqamous Reservoir; Work group 01 – Second crew
 3. Al Mutilla Booster Station; Work group 01 – First crew
- ✓ Zone 02
1. Arraba Reservoir; Work group 02 – First crew
 2. Kuferit Reservoir; Work group 02 – Second crew
- ✓ Zone 03
1. Ajja Reservoir; Work group 02 – First crew
 2. Kafr Rai Reservoir; Work group 02 – Second crew

For more details regarding Sequence of work groups, please see attached schematic plan

- ✓ Zone 04 (Chamber crew 01)
- Replacement of chambers
- ✓ Each zone is organized based on the scope of work for the project as follows:
- Segment 1: Construction of Facilities and Access Road Upgrades.
 - Segment 2: Construction of Transmission Mains & Supply Pipelines
- ✓ Training, commissioning and start up activities.
- The **Post Construction Phase** Consists of the following activities:
 - ✓ Post Construction submittals that include warranties, operation and maintenance manual submittals activities.
 - ✓ Demobilization activities.

(For more details regarding the component of each WBS, please refer to the attached WBS – Summary Schedule and detail CPM Schedule).

10 Calendars:

Three types of calendars were used for the Preliminary progress schedule

- 7-Day Workweek (without holidays): for Milestones activities
 - Working Days: 7 days / week.
 - Working Hours: 8 hours / day.
- SWJ - 6 Day Work: for Contractor's activities:
 - Working Days: 6 days / week
 - Working Hours: 8 hours / day
 - Weekly Holiday: Friday
 - Including local holidays listed below.
 - Including rainy days listed below.
- SWJ- 5 Day Work: for Engineer's activities:
 - Working Days: 5 days / week
 - Working Hours: 8 hours / day
 - Weekly Holiday: Friday and Saturday.
 - Including local holidays listed below.
- Working Hours (Normal): 8 hours / day
- Working Hours during month of Ramadan: Saturday – Thursday, 5 hours / day,

During the Ramadan period, the Governmental Authorities, utility agencies, and many other organizations work short hours, normally from 9:00 a.m. to 2:00 p.m. (unless otherwise announced by the Palestinian Government). Traffic patterns change at this time. TMGI and SAK will accommodate and revise their operations during this period according to their actual working hour requirements.

- Official Palestinian Holidays:

- ✓ Official Palestinian Holidays 2015:

- January 01, 2015: National Day
- April 12, 2015: Easter Day (Eastern)
- May 01, 2015: Labor Day (International)
- July 18 to July 20, 2015: Eid Al-Fitr (Feast of Breaking the Fast)
- September 23 to September 27, 2015: Eid Al-Adha (Feast of the Sacrifice)
- November 15, 2015: Independence Day (Palestinian State Declaration)
- December 25, 2015: Christmas Day (Western calendar).

- ✓ Official Palestinian Holidays 2016:

- January 01, 2016: National Day
- May 01, 2016: Easter Day (Eastern)
- May 01, 2016: Labor Day (International) Actual Holiday to be taken on May 02, 2016
- July 05 to July 07, 2016: Eid Al-Fitr (Feast of Breaking the Fast)
- September 11 to September 13, 2016: Eid Al-Adha (Feast of the Sacrifice)
- November 15, 2016: Independence Day (Palestinian State Declaration)
- December 25, 2016: Christmas Day (Western calendar).

- ✓ Official Palestinian Holidays 2017:

- January 01, 2017: National Day
- April 16, 2017: Easter Day (Eastern)
- May 01, 2017: Labor Day (International)
- June 25 to June 27, 2017: Eid Al-Fitr (Feast of Breaking the Fast)
- September 02 to September 05, 2017: Eid Al-Adha (Feast of the Sacrifice)
- November 15, 2017: Independence Day (Palestinian State Declaration)
- December 25, 2017: Christmas Day (Western calendar).

- ✓ Any public holiday that falls on a Friday will be taken on a Thursday but if that Thursday is part of the holiday then the preceding non-holiday day will be taken instead
- ✓ Any public holiday that falls on a Saturday (for SWJ - 5 Day Work) will be taken on a Sunday but if that Sunday is part of the holiday then the following non-holiday day will be taken instead.

- Weather Delays:

The project geographic area has a rainy weather season. Morganti is familiar with local climatological conditions and adjust the schedule accordingly. The weather data will be obtained during construction from a reputable source and will be reported on the daily joint reports. The CPM schedule includes 12 days of delay in accordance with FAR 52.236-3.

- ✓ Two days during January 2016: January 19, and 20, 2016.
- ✓ Two days during February 2016: February 20 and 21, 2016.
- ✓ Two days during December 2016: December 15 and 17, 2016.
- ✓ Three days during January 2017: January 7, 10, and 11, 2017.
- ✓ Three days during February 2017: February 05, 06 and 07, 2017.

11 Scheduling assumptions

11.1 Project Constraint:

All schedule constraints were incorporated in the original CPM schedule as required in executed task order section F5.

Activity Name	Constraint
Start Milestone - Notice to Proceed:	October 26, 2015
Finish Milestone - Project Completion:	February 16, 2017
Preparation & Submit Copy of Bank Guarantee Certificates	Within (14) calendar days after the date of Task Order award
Preparation & Submit Scheduling Qualification Submittal	within 10 Days after Notice to Proceed
Preparation & Submit Key Staff	Due no later than 14 days NTP
Preparation & Submit Quality Control Plan with Testing Lab C.V	Due no later than 30 days after issuance of Notice to Proceed and prior to commencement of any construction activity.
Preparation & Submit Safety Plan	Due no later than 45 days after issuance of NTP and prior to commencement of any construction activity.
Preparation & Submit Traffic Control Plan	Due prior to commencement of any construction activity.
Preparation & Submit Environmental Monitoring and Mitigation Plan	Due no later than 45 days after issuance of NTP, and prior to commencement of any construction activity.
Preparation & Submit Original CPM Construction Schedule	Due no later than 45 days after issuance of NTP

11.2 Activity Codes:

A: General Milestone
 IA: Intermediate Milestone
 SWJ: South West Jenin Project
 ARR: Arraba Reservoir
 JLR: Jalqamus Reservoir
 KRR: Kafr Rai Reservoir
 AJR: Ajja Reservoir
 KFR: Kuferit Reservoir
 MTR: Al Mutilla Reservoir
 MTB: Al Mutilla Booster Station
 JMT: Jalqamus - Al Mutilla Transmission Pipeline
 MTT: Al Mutilla Transmission Pipeline
 SMT: Sanur - Maythaloun Transmission Pipeline
 AAT: Anza - Ajja Transmission Pipeline
 YKT: Yabad - Kuferit Transmission Pipeline
 TJT: Talfit - Jalqamus Transmission Pipeline
 JLT: Jalqamus Transmission Pipeline
 AJP: Ajja Network Supply Pipeline
 MTN: Al Mutilla Distribution Network
 MOB: Mobilization
 PCS: Preconstruction Submittals
 R&A: Review and Approval

COR: Coordination activities
 SD: Shop drawing submittals
 CS: Construction Submittals
 MMS: Mechanical Material Submittals
 CMS: Civil Material Submittals
 EMS: Electrical Material Submittals
 PRO: Procurement
 E: Execution activities
 PCS: Post Construction Submittals
 ER: Elevated Reservoir
 BS: Pump station
 CH: Chambers

11.3 Duration Estimates:

The activities included in the CPM Schedule defined in work days. Durations based on the labor (crafts), equipment, and materials required performing each activity on a normal workday basis. Maximum Activity durations is 20 working days or less except in the case of non-construction activities such as procurement of materials and delivery of equipment. Duration estimate based on the Productivity rates mentioned above.

11.4 Primavera Setting

- A. Schedule Options:
 - i. defined as “Use expected finish dates”;
 - ii. Scheduling progressed activities set as “Use only retained logic”, not progress override option;
 - iii. Critical Path activities defined as Total Float less than or equal to zero;
 - iv. Calculating start-to-start lag from “early start” dates; and computing total float as “finish float = late finish – early finish”;
 - v. Calendar set for scheduling relationship lag as “Predecessor Activity Calendar.”
- B. Activity progress will be shown using Remaining Duration. Date format DDMMYY.
- C. The Default activity type is “Independent Task”.
- D. Date/time activity constraint(s): included in the original BL schedule as per executed task order Section F.5 REPORTS AND DELIVERABLES OR OUTPUTS.

11.5 Scheduling setting

SchedulingYes
 LevelingNo
 Ignore relationships to and from other projectsNo
 Make open-ended activities criticalNo
 Use Expected Finish DatesYes
 Schedule automatically when a change affects datesNo
 Level resources during schedulingNo
 Recalculate assignment costs after schedulingNo
 When scheduling progressed activities useRetained Logic

Calculate start-to-start lag fromEarly Start
Define critical activities as Total Float less than or equal to 0
Compute Total Float asFinish Float
Calculate float based on finish date ofEach project
Calendar for scheduling Relationship LagPredecessor Activity Calendar

Advanced

Calculate multiple float paths.....No

Project Zones:

Graphical Report for:
Summary Schedule – WBS

WBS Code	WBS Name	2016												2017							
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
TO 15-10 SWJ - BL-MP	TO 15-10 SWJ - Original Baseline Schedule - Southwest Jenin Water Project	26-Oct-15 to 16-Feb-17																			
TO 15-10 SWJ - BL-MP4	Milestones	26-Oct-15 to 16-Feb-17																			
TO 15-10 SWJ - BL-MP4.1	General Milestones	26-Oct-15 to 16-Feb-17																			
TO 15-10 SWJ - BL-MP4.2	Intermediate Milestones	26-Oct-15 to 16-Feb-17																			
TO 15-10 SWJ - BL-MP1	Preconstruction Phase	26-Oct-15 to 21-Apr-16																			
TO 15-10 SWJ - BL-MP1.1	Mobilization	26-Oct-15 to 25-Nov-15																			
TO 15-10 SWJ - BL-MP1.2	Preconstruction Submittals	26-Oct-15 to 06-Jan-16																			
TO 15-10 SWJ - BL-MP1.3	Traffic Control Plan Submittals	07-Nov-15 to 21-Apr-16																			
TO 15-10 SWJ - BL-MP1.3.1	Reservoirs Traffic Control Plan Submittals	07-Nov-15 to 19-Jan-16																			
TO 15-10 SWJ - BL-MP1.3.2	Al Mutilla Booster Station Traffic Control Plan Submittals	21-Nov-15 to 27-Dec-15																			
TO 15-10 SWJ - BL-MP1.3.3	Transmission main and supply pipelines Traffic Control Plan Submittals	25-Nov-15 to 21-Apr-16																			
TO 15-10 SWJ - BL-MP1.3.3.1	Area A and Area B	25-Nov-15 to 04-Apr-16																			
TO 15-10 SWJ - BL-MP1.3.3.2	Area C	26-Nov-15 to 21-Apr-16																			
TO 15-10 SWJ - BL-MP2	Construction Phase	26-Oct-15 to 16-Feb-17																			
TO 15-10 SWJ - BL-MP2.1	Construction Submittals	26-Oct-15 to 20-Jul-16																			
TO 15-10 SWJ - BL-MP2.1.1	Shop drawing Submittals	26-Oct-15 to 20-Jul-16																			
TO 15-10 SWJ - BL-MP2.1.1.1	Reservoirs Shop drawing Submittals	26-Oct-15 to 28-Feb-16																			
TO 15-10 SWJ - BL-MP2.1.1.1.1	Al Mutilla Elevated Reservoir - New Construction 500 m3	26-Oct-15 to 27-Jan-16																			
TO 15-10 SWJ - BL-MP2.1.1.1.6	Arraba Reservoir - Replacement of existing 1000 m3 with a new 2,000 m3	12-Nov-15 to 04-Feb-16																			
TO 15-10 SWJ - BL-MP2.1.1.1.3	Jalqamus Reservoir - Replacement of existing 500 m3 with a new 1,000 m3	12-Nov-15 to 25-Feb-16																			
TO 15-10 SWJ - BL-MP2.1.1.1.2	Kuferit Reservoir - New Construction 500 m3	12-Nov-15 to 28-Feb-16																			
TO 15-10 SWJ - BL-MP2.1.1.1.5	Ajja Reservoir - New Construction 1,000 m3	12-Nov-15 to 03-Feb-16																			
TO 15-10 SWJ - BL-MP2.1.1.1.4	Kafr Rai Reservoir - New Construction 1,000 m3	12-Nov-15 to 25-Feb-16																			
TO 15-10 SWJ - BL-MP2.1.1.2	Al Mutilla Booster Station Shop drawing Submittals	12-Nov-15 to 28-Feb-16																			
TO 15-10 SWJ - BL-MP2.1.1.3	Road Shop drawing Submittals	12-Nov-15 to 27-Jan-16																			
TO 15-10 SWJ - BL-MP2.1.1.4	Transmission main and supply pipelines Shop drawing Submittals	12-Nov-15 to 14-Apr-16																			
TO 15-10 SWJ - BL-MP2.1.1.4.1	Shop drawing for Sanur - Maythaloun Transmission Pipeline (250mm x 3.7 km)	12-Nov-15 to 07-Mar-16																			
TO 15-10 SWJ - BL-MP2.1.1.4.1.1	Pipeline	12-Nov-15 to 06-Jan-16																			
TO 15-10 SWJ - BL-MP2.1.1.4.1.2	Chambers	07-Dec-15 to 07-Mar-16																			
TO 15-10 SWJ - BL-MP2.1.1.4.2	Shop drawing for Jalqamus - Al Mutilla Transmission Pipeline	07-Dec-15 to 07-Apr-16																			
TO 15-10 SWJ - BL-MP2.1.1.4.2.1	Pipeline	07-Dec-15 to 31-Jan-16																			
TO 15-10 SWJ - BL-MP2.1.1.4.2.2	Chambers	08-Feb-16 to 07-Apr-16																			
TO 15-10 SWJ - BL-MP2.1.1.4.3	Shop drawing for Anza - Ajja Transmission Pipeline	02-Jan-16 to 10-Feb-16																			
TO 15-10 SWJ - BL-MP2.1.1.4.4	Shop drawing for Yabad - Kuferit Transmission Pipeline	13-Jan-16 to 14-Apr-16																			
TO 15-10 SWJ - BL-MP2.1.1.4.4.1	Pipe line	13-Jan-16 to 16-Feb-16																			
TO 15-10 SWJ - BL-MP2.1.1.4.4.2	Chambers	10-Mar-16 to 14-Apr-16																			
TO 15-10 SWJ - BL-MP2.1.1.5	Shop drawing for Al Mutilla Distribution Network	21-Jan-16 to 01-Mar-16																			
TO 15-10 SWJ - BL-MP2.1.1.6	Shop drawing for Chamber Construction, Replacement, and Rehabilitation	17-Feb-16 to 20-Jul-16																			
TO 15-10 SWJ - BL-MP2.1.1.7	Typical Shop drawing for Chambers	08-Dec-15 to 19-Apr-16																			
TO 15-10 SWJ - BL-MP2.1.1.7.1	Typical Shopdrawing for Gate Valve Chambers	19-Dec-15 to 19-Apr-16																			
TO 15-10 SWJ - BL-MP2.1.1.7.2	Typical Shopdrawing for Wash out Chambers	08-Dec-15 to 28-Jan-16																			
TO 15-10 SWJ - BL-MP2.1.1.7.3	Typical Shopdrawing for Air Release Valve Chambers	19-Dec-15 to 01-Feb-16																			
TO 15-10 SWJ - BL-MP2.1.2	Material Submittals	26-Oct-15 to 07-Mar-16																			
TO 15-10 SWJ - BL-MP2.1.2.4	Civil Material Submittals	26-Oct-15 to 06-Jan-16																			
TO 15-10 SWJ - BL-MP2.1.2.2	Mechanical Material Submittals	26-Oct-15 to 07-Mar-16																			
TO 15-10 SWJ - BL-MP2.1.2.3	Electrical Material Submittals	26-Oct-15 to 19-Jan-16																			
TO 15-10 SWJ - BL-MP2.1.3	Method Statement	12-Nov-15 to 30-Dec-15																			
TO 15-10 SWJ - BL-MP2.2	Procurement	14-Dec-15 to 16-Oct-16																			
TO 15-10 SWJ - BL-MP2.3	Execution	21-Dec-15 to 16-Feb-17																			
TO 15-10 SWJ - BL-MP2.3.3	Zone 01 - (Al Mutilla and Jalqamus)	21-Dec-15 to 29-Jan-17																			
TO 15-10 SWJ - BL-MP2.3.3.2	Al Mutilla Elevated Reservoir - New Construction 500 m3	21-Dec-15 to 19-Nov-16																			
TO 15-10 SWJ - BL-MP2.3.3.2.2	Traffic Control Plan and Safety	21-Dec-15 to 19-Nov-16																			
TO 15-10 SWJ - BL-MP2.3.3.2.0	Structural Works	23-Dec-15 to 04-Oct-16																			

 All Projects
  Summary

 WBS Elements below Project

WBS Code	WBS Name	2016												2017								
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
TO 15-10 SWJ - BL-MP2.3.3.2.0 .1	Foundation and Mechanical Room				23-Dec-15																	
TO 15-10 SWJ - BL-MP2.3.3.2.0 .1	First Level					16-Feb-16																
TO 15-10 SWJ - BL-MP2.3.3.2.0 .10	Secound Level							22-Mar-16														
TO 15-10 SWJ - BL-MP2.3.3.2.0 .11	Third Level									25-Apr-16												
TO 15-10 SWJ - BL-MP2.3.3.2.0 .12	Fourth Level																					
TO 15-10 SWJ - BL-MP2.3.3.2.0 .13	Reservoir Bottom Slab																					
TO 15-10 SWJ - BL-MP2.3.3.2.0 .14	Reservoir Walls & Columns																					
TO 15-10 SWJ - BL-MP2.3.3.2.0 .15	Reservoir Roof Slab																					
TO 15-10 SWJ - BL-MP2.3.3.2.00	Finishing Works																					
TO 15-10 SWJ - BL-MP2.3.3.2.01	External Works																					
TO 15-10 SWJ - BL-MP2.3.3.2.01.2	Retaining Walls																					
TO 15-10 SWJ - BL-MP2.3.3.2.01.2.1	Retaining Wall from Station 01 to station 03 (South)																					
TO 15-10 SWJ - BL-MP2.3.3.2.01.2.2	Retaining Wall from Station 03 to station 05 (North)																					
TO 15-10 SWJ - BL-MP2.3.3.2.01.2.3	Retaining Wall from Station 06 to station 01 (West)																					
TO 15-10 SWJ - BL-MP2.3.3.2.01.0	Boundary Wall																					
TO 15-10 SWJ - BL-MP2.3.3.2.01.00	Mechanical Works																					
TO 15-10 SWJ - BL-MP2.3.3.2.01.01	Electrical Work																					
TO 15-10 SWJ - BL-MP2.3.3.2.4	Instrumentation and SCADA Programming																					
TO 15-10 SWJ - BL-MP2.3.3.2.3	Testing, Training and Commissioning																					
TO 15-10 SWJ - BL-MP2.3.3.3	AI Mutilla Booster Station																					
TO 15-10 SWJ - BL-MP2.3.3.3.2	Traffic Control Plan and Safety Measures																					
TO 15-10 SWJ - BL-MP2.3.3.3.1	Construction of New Pump Station																					
TO 15-10 SWJ - BL-MP2.3.3.3.1.6 12	Booster Pump Station and Transmission Flow Meter																					
TO 15-10 SWJ - BL-MP2.3.3.3.1.6 12.0	Civil & Structural Works																					
TO 15-10 SWJ - BL-MP2.3.3.3.1.6 12.00	Steel Structure & Metal Works																					
TO 15-10 SWJ - BL-MP2.3.3.3.1.6 12.00	Mechanical Works																					
TO 15-10 SWJ - BL-MP2.3.3.3.1.6 12.01	Electrical & Instrumentation Works																					
TO 15-10 SWJ - BL-MP2.3.3.3.1.6 12.02	Coatings & Finishing Works																					
TO 15-10 SWJ - BL-MP2.3.3.3.1.6 11	Electrical Unit and Transfromer																					
TO 15-10 SWJ - BL-MP2.3.3.3.1.6 11.0	Civil & Structural Works																					
TO 15-10 SWJ - BL-MP2.3.3.3.1.6 11.01	Electrical & Instrumentation Works																					
TO 15-10 SWJ - BL-MP2.3.3.3.1.6 112	Yard Works & Site Electrical Power																					
TO 15-10 SWJ - BL-MP2.3.3.3.1.6 112.0	External & Finishing Works																					
TO 15-10 SWJ - BL-MP2.3.3.3.1.6 112.1	Mechanical Works																					
TO 15-10 SWJ - BL-MP2.3.3.3.1.6 112.2	Electrical & Instrumentation Works																					
TO 15-10 SWJ - BL-MP2.3.3.3.10	Testing, Training and Commissioning																					
TO 15-10 SWJ - BL-MP2.3.3.1	Jalqamus Reservoir and Access Road																					
TO 15-10 SWJ - BL-MP2.3.3.1.1	Jalqamus Reservoir - Replacement of existing 500 m3 with a new 1000m3 - at Grade																					
TO 15-10 SWJ - BL-MP2.3.3.1.1.8	Traffic Control Plan and Safety																					
TO 15-10 SWJ - BL-MP2.3.3.1.1.7	Boundary and Retaining Walls																					
TO 15-10 SWJ - BL-MP2.3.3.1.1.7.1	Boundary and Retaining Wall from Station 01 to station 04 Length = 35 lm																					
TO 15-10 SWJ - BL-MP2.3.3.1.1.7.2	Boundary and Retaining Wall from Station 04 to station 03 Length = 36 lm																					
TO 15-10 SWJ - BL-MP2.3.3.1.1.7.3	Boundary and Retaining Wall from Station 02 to station 03 Length = 30 lm																					
TO 15-10 SWJ - BL-MP2.3.3.1.1.7.4	Boundary and Retaining Wall from Station 01 to station 02 Length = 8 lm																					
TO 15-10 SWJ - BL-MP2.3.3.1.1.1	Earth Work																					
TO 15-10 SWJ - BL-MP2.3.3.1.1.2	Civil Work																					
TO 15-10 SWJ - BL-MP2.3.3.1.1.3	Mechanical Work																					
TO 15-10 SWJ - BL-MP2.3.3.1.1.4	Electrical Work																					
TO 15-10 SWJ - BL-MP2.3.3.1.1.5	Finishing Work																					
TO 15-10 SWJ - BL-MP2.3.3.1.1.6	Yard work																					
TO 15-10 SWJ - BL-MP2.3.3.1.7	Access Road to Jalqamus Reservoir (190 m of two-lane road with shoulder)																					
TO 15-10 SWJ - BL-MP2.3.3.1.9	Testing, Training and Commissioning																					
TO 15-10 SWJ - BL-MP2.3.3.7	Transmission Pipe lines																					

WBS Code	WBS Name	2016												2017									
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
TO 15-10 SWJ - BL-MP2.3.3.7.1	Traffic Control Plan and Safety											15-Jun-16										18-Dec-16	
TO 15-10 SWJ - BL-MP2.3.3.7.4	Talfit - Jalqamus Force line (Talfit Junction to Jalqamus Reservoir)											19-Jun-16										14-Aug-16	
TO 15-10 SWJ - BL-MP2.3.3.7.8	Jalqamus Reservoir to Umatut Force Line (Jalqamus Junction) (150mm x 1.8 km)											21-Jul-16										30-Aug-16	
TO 15-10 SWJ - BL-MP2.3.3.7.9	Jalqamus to Al Mughayyir Force Line											07-Aug-16										26-Sep-16	
TO 15-10 SWJ - BL-MP2.3.3.7.10	Al Mughayyir to Al Mutilla Force Line (Al Mutilla Booster Station to Al Mutilla Reservoir)																					21-Sep-16	23-Oct-16
TO 15-10 SWJ - BL-MP2.3.3.5	Al Mutilla Distribution Network																					08-Oct-16	02-Nov-16
TO 15-10 SWJ - BL-MP2.3.5	Zone 02 - (Arraba and Kuferit)					02-Jan-16																	13-Feb-17
TO 15-10 SWJ - BL-MP2.3.5.1	Arraba Reservoir - Replacement of existing 1000 m3 with a new 2,000 m3 At Grade					02-Jan-16																	04-Dec-16
TO 15-10 SWJ - BL-MP2.3.5.1.8	Traffic Control Plan and Safety					02-Jan-16																	04-Dec-16
TO 15-10 SWJ - BL-MP2.3.5.1.1	Earth Work					02-Jan-16																	
TO 15-10 SWJ - BL-MP2.3.5.1.2	Civil Work																						
TO 15-10 SWJ - BL-MP2.3.5.1.3	Mechanical Work																						
TO 15-10 SWJ - BL-MP2.3.5.1.4	Electrical Work																						
TO 15-10 SWJ - BL-MP2.3.5.1.5	Finishing Work																						
TO 15-10 SWJ - BL-MP2.3.5.1.6	Yard work																						
TO 15-10 SWJ - BL-MP2.3.5.1.9	Testing, Training and Commissioning																						
TO 15-10 SWJ - BL-MP2.3.5.2	Kuferit Reservoir and Access Road																						
TO 15-10 SWJ - BL-MP2.3.5.2.1	Kuferit Reservoir - New Construction 500 m3 - At Grade																						
TO 15-10 SWJ - BL-MP2.3.5.2.1.8	Traffic Control Plan and Safety																						
TO 15-10 SWJ - BL-MP2.3.5.2.1.2	Retaining Walls																						
TO 15-10 SWJ - BL-MP2.3.5.2.1.2.1	Retaining Wall from Station 02 to station 03 Length = 27.16 lm																						
TO 15-10 SWJ - BL-MP2.3.5.2.1.2.2	Retaining Wall from Station 03 to station 04 Length = 9.47 lm																						
TO 15-10 SWJ - BL-MP2.3.5.2.1.2.3	Retaining Wall from Station 04 to station 05 Length = 9.24 lm																						
TO 15-10 SWJ - BL-MP2.3.5.2.1.2.4	Retaining Wall from Station 05 to station 06 Length = 8 lm																						
TO 15-10 SWJ - BL-MP2.3.5.2.1.2.7	Retaining Wall from Station 06 to station 07 Length = 22.9 lm																						
TO 15-10 SWJ - BL-MP2.3.5.2.1.2.8	Retaining Wall from Station 07 to station 01 Length = 44.14																						
TO 15-10 SWJ - BL-MP2.3.5.2.1.0	Civil Work																						
TO 15-10 SWJ - BL-MP2.3.5.2.1.00	Finishing Work																						
TO 15-10 SWJ - BL-MP2.3.5.2.1.00 .1	Reservoir wall																						
TO 15-10 SWJ - BL-MP2.3.5.2.1.00 .1	Metal Fabricated Works																						
TO 15-10 SWJ - BL-MP2.3.5.2.1.01	Mechanical and Electrical Work																						
TO 15-10 SWJ - BL-MP2.3.5.2.1.01 .0	Chambers Works																						
TO 15-10 SWJ - BL-MP2.3.5.2.1.01 .00	Mechanical Works																						
TO 15-10 SWJ - BL-MP2.3.5.2.1.01 .01	Electrical & Instrumentation Works																						
TO 15-10 SWJ - BL-MP2.3.5.2.1.0 1	Yard Work																						
TO 15-10 SWJ - BL-MP2.3.5.2.1.03	Test Water Tightness For Reservoir																						
TO 15-10 SWJ - BL-MP2.3.5.2.1.9	Testing, Training and Commissioning																						
TO 15-10 SWJ - BL-MP2.3.5.2.4	Access Road to Kuferit Reservoir (170 m of two-lane road with shoulder)																						
TO 15-10 SWJ - BL-MP2.3.5.3	Kuferit Main Transmission Pipeline - Yabad Junction to Kuferit Reservoir (150mm x2.4 km)																						
TO 15-10 SWJ - BL-MP2.3.5.3.8	Traffic Control Plan and Safety																						
TO 15-10 SWJ - BL-MP2.3.5.3.1	Transmission Pipeline																						
TO 15-10 SWJ - BL-MP2.3.6	Zone 03 - (Kafr Rai and Ajja)																						
TO 15-10 SWJ - BL-MP2.3.6.1	Kafr Rai Reservoir and Access Road																						
TO 15-10 SWJ - BL-MP2.3.6.1.1	Kafr Rai Reservoir - New Construction 1,000 m3 At Grade																						
TO 15-10 SWJ - BL-MP2.3.6.1.1.8	Traffic Control Plan and Safety																						
TO 15-10 SWJ - BL-MP2.3.6.1.1.7	Retaining Walls																						
TO 15-10 SWJ - BL-MP2.3.6.1.1.7.1	Retaining Wall from Station 01 to station 04 Length = 35 lm																						
TO 15-10 SWJ - BL-MP2.3.6.1.1.7.2	Retaining Wall from Station 04 to station 03 Length = 36 lm																						
TO 15-10 SWJ - BL-MP2.3.6.1.1.7.3	Retaining Wall from Station 02 to station 03 Length = 30 lm																						
TO 15-10 SWJ - BL-MP2.3.6.1.1.7.4	Retaining Wall from Station 01 to station 02 Length = 8 lm																						
TO 15-10 SWJ - BL-MP2.3.6.1.1.1	Earth Work																						
TO 15-10 SWJ - BL-MP2.3.6.1.1.2	Civil Work																						
TO 15-10 SWJ - BL-MP2.3.6.1.1.3	Mechanical Work																						

 All Projects
  Summary
  WBS Elements below Project

WBS Code	WBS Name	2016												2017								
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
TO 15-10 SWJ - BL-MP2.3.6.1.1.4	Electrical Work									27-Jun-16												21-Dec-16
TO 15-10 SWJ - BL-MP2.3.6.1.1.5	Finishing Work												08-Sep-16									11-Dec-16
TO 15-10 SWJ - BL-MP2.3.6.1.1.6	Yard work																26-Oct-16					13-Dec-16
TO 15-10 SWJ - BL-MP2.3.6.1.1.9	Testing, Training and Commissioning																16-Nov-16					17-Jan-17
TO 15-10 SWJ - BL-MP2.3.6.1.4	Access Road to Kufr Rai Reservoir (62 m of two-lane road with shoulder)																					
TO 15-10 SWJ - BL-MP2.3.6.2	Ajja Reservoir and Access Road																					
TO 15-10 SWJ - BL-MP2.3.6.2.1	Ajja Reservoir - New Construction 1000 m3 At Grade																					
TO 15-10 SWJ - BL-MP2.3.6.2.1.8	Traffic Control Plan and Safety																					
TO 15-10 SWJ - BL-MP2.3.6.2.1.7	Retaining Walls																					
TO 15-10 SWJ - BL-MP2.3.6.2.1.7.1	Retaining Wall from Station 01 to station 04 Length = 35 lm																					
TO 15-10 SWJ - BL-MP2.3.6.2.1.7.2	Retaining Wall from Station 04 to station 03 Length = 36 lm																					
TO 15-10 SWJ - BL-MP2.3.6.2.1.7.3	Retaining Wall from Station 02 to station 03 Length = 30 lm																					
TO 15-10 SWJ - BL-MP2.3.6.2.1.7.4	Retaining Wall from Station 01 to station 02 Length = 8 lm																					
TO 15-10 SWJ - BL-MP2.3.6.2.1.1	Earth Work																					
TO 15-10 SWJ - BL-MP2.3.6.2.1.2	Civil Work																					
TO 15-10 SWJ - BL-MP2.3.6.2.1.3	Mechanical Work																					
TO 15-10 SWJ - BL-MP2.3.6.2.1.4	Electrical Work																					
TO 15-10 SWJ - BL-MP2.3.6.2.1.5	Finishing Work																					
TO 15-10 SWJ - BL-MP2.3.6.2.1.6	Yard work																					
TO 15-10 SWJ - BL-MP2.3.6.2.1.9	Testing, Training and Commissioning																					
TO 15-10 SWJ - BL-MP2.3.6.2.3	Access Road to Ajja Reservoir (238 m of two-lane road with shoulder)																					
TO 15-10 SWJ - BL-MP2.3.6.3	Main Transmission Pipe lines																					
TO 15-10 SWJ - BL-MP2.3.6.3.8	Traffic Control Plan and Safety																					
TO 15-10 SWJ - BL-MP2.3.6.3.5	Sanur Junction to Maythaloun Well Main Transmission Pipeline (250mm x 3.7 km)																					
TO 15-10 SWJ - BL-MP2.3.6.3.6	Anza Junction to Ajja Reservoir Transmission (Ajja Feeder Pipeline) (200mm x 1.1 km)																					
TO 15-10 SWJ - BL-MP2.3.6.3.7	Ajja Force Line (200mm x 1.2 km)																					
TO 15-10 SWJ - BL-MP2.3.7	Zone 04 - Chamber Construction, Replacement, and Rehabilitation																					
TO 15-10 SWJ - BL-MP2.3.7.12	Traffic Control Plan and Safety																					
TO 15-10 SWJ - BL-MP2.3.7.1	Location No. 01																					
TO 15-10 SWJ - BL-MP2.3.7.2	Location No. 02																					
TO 15-10 SWJ - BL-MP2.3.7.3	Location No. 03																					
TO 15-10 SWJ - BL-MP2.3.7.4	Location No. 04																					
TO 15-10 SWJ - BL-MP2.3.7.5	Location No. 05																					
TO 15-10 SWJ - BL-MP2.3.7.7	Location No. 06																					
TO 15-10 SWJ - BL-MP2.3.7.6	Location No. 07																					
TO 15-10 SWJ - BL-MP2.3.7.8	Location No. 08																					
TO 15-10 SWJ - BL-MP2.3.7.9	Location No. 09																					
TO 15-10 SWJ - BL-MP2.3.7.10	Location No. 10																					
TO 15-10 SWJ - BL-MP2.3.7.11	Location No. 11																					
TO 15-10 SWJ - BL-MP2.3.12	Installation of Electro - Mechanical Component																					
TO 15-10 SWJ - BL-MP2.3.12.1	Zone 01																					
TO 15-10 SWJ - BL-MP2.3.12.1.1	Electro - Mechanical work - Zone 01																					
TO 15-10 SWJ - BL-MP2.3.12.1.3	Instrumentation and SCADA Programming - Zone 01																					
TO 15-10 SWJ - BL-MP2.3.12.4	Zone 02																					
TO 15-10 SWJ - BL-MP2.3.12.4.1	Electro - Mechanical work - Zone 02																					
TO 15-10 SWJ - BL-MP2.3.12.4.3	Instrumentation and SCADA Programming - Zone 02																					
TO 15-10 SWJ - BL-MP2.3.12.5	Zone 03																					
TO 15-10 SWJ - BL-MP2.3.12.5.1	Electro - Mechanical work - Zone 03																					
TO 15-10 SWJ - BL-MP2.3.12.5.3	Instrumentation and SCADA Programming - Zone 03																					
TO 15-10 SWJ - BL-MP2.3.12.2	Zone 04																					
TO 15-10 SWJ - BL-MP2.3.12.2.1	Electro - Mechanical work - Zone 04																					
TO 15-10 SWJ - BL-MP2.3.12.2.3	Instrumentation and SCADA Programming - Zone 04																					
TO 15-10 SWJ - BL-MP2.3.4	Pavement repair and reinstatement																					

 All Projects
  Summary
  WBS Elements below Project

WBS Code	WBS Name	2016												2017								
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
TO 15-10 SWJ - BL-MP2.3.4.7	Reinstatement of Zone 01											18-Aug-16						05-Dec-16				
TO 15-10 SWJ - BL-MP2.3.4.7.4	Talfit - Jalqamus Force line (Talfit Junction to Jalqamus Reservoir)											18-Aug-16					18-Sep-16					
TO 15-10 SWJ - BL-MP2.3.4.7.8	Jalqamus Reservoir to Umatut Force Line (Jalqamus Junction) (150mm x 1.8 km)															18-Sep-16						
TO 15-10 SWJ - BL-MP2.3.4.7.9	Jalqamus to Al Mughayyir Force Line																08-Oct-16					
TO 15-10 SWJ - BL-MP2.3.4.7.9.1	Reinstatement of Jalqamus to Al Mughayyir pipeline from St. 0+000 to St. 1+500																08-Oct-16					
TO 15-10 SWJ - BL-MP2.3.4.7.9.2	Reinstatement of Jalqamus to Al Mughayyir pipeline from St. 1+500 to St. 1+770																					
TO 15-10 SWJ - BL-MP2.3.4.7.9.3	Reinstatement of Jalqamus to Al Mughayyir pipeline from St. 1+770 to St. 2+772																					
TO 15-10 SWJ - BL-MP2.3.4.7.10	Al Mughayyir to Al Mutilla Force Line (Al Mutilla Booster Station to Al Mutilla Reservoir)																					
TO 15-10 SWJ - BL-MP2.3.4.7.5	Al Mutilla Distribution Network																					
TO 15-10 SWJ - BL-MP2.3.4.1	Reinstatement of Zone 02																					
TO 15-10 SWJ - BL-MP2.3.4.1.1	Transmission Pipeline - Yabad Junction to Kuferit Reservoir																					
TO 15-10 SWJ - BL-MP2.3.4.1.1.1	Reinstatement of Kuferit Force Line from St. 0+000 to St. 1+210																					
TO 15-10 SWJ - BL-MP2.3.4.1.1.2	Reinstatement of Kuferit Force Line from St. 1+210 to St. 2+300																					
TO 15-10 SWJ - BL-MP2.3.4.3	Reinstatement of Zone 03																					
TO 15-10 SWJ - BL-MP2.3.4.3.5	Sanur Junction to Maythaloun Well Main Transmission Pipeline (250mm x 3.7 km)																					
TO 15-10 SWJ - BL-MP2.3.4.3.5.1	Reinstatement of Pipe Connection to Outlet Pipeline from Booster Station St. 0+000 to 0+085																					
TO 15-10 SWJ - BL-MP2.3.4.3.5.2	Reinstatement of Sanur - Maythaloun Transmission Pipeline from St. 0+000 to St. 1+600																					
TO 15-10 SWJ - BL-MP2.3.4.3.5.3	Reinstatement of Sanur - Maythaloun Transmission Pipeline from St. 1+600 to St. 2+080																					
TO 15-10 SWJ - BL-MP2.3.4.3.5.4	Reinstatement of Sanur - Maythaloun Transmission Pipeline from St. 2+080 to St. 2+840																					
TO 15-10 SWJ - BL-MP2.3.4.3.5.5	Reinstatement of Sanur - Maythaloun Transmission Pipeline from St. 2+840 to St. 3+647																					
TO 15-10 SWJ - BL-MP2.3.4.3.6	Anza Junction to Ajja Reservoir Transmission (Ajja Feeder Pipeline) (200mm x 1.1 km)																					
TO 15-10 SWJ - BL-MP2.3.4.3.6.1	Reinstatement of Ajja Feeder Pipeline from St. 0+235 to St. 0+550 and St. 0+635 to St. 0+845																					
TO 15-10 SWJ - BL-MP2.3.4.3.6.2	Reinstatement of Ajja Feeder Pipeline from St. 0+550 to St. 0+635																					
TO 15-10 SWJ - BL-MP2.3.4.3.6.3	Reinstatement of Ajja Feeder Pipeline from St. 0+845 to St. 1+259																					
TO 15-10 SWJ - BL-MP2.3.4.3.7	Ajja Force Line (200mm x 1.2 km)																					
TO 15-10 SWJ - BL-MP2.3.4.3.7.1	Reinstatement of Ajja Force Line from St. 0+235 to St. 0+550																					
TO 15-10 SWJ - BL-MP2.3.4.3.7.2	Reinstatement of Ajja Force Line from St. 0+550 to St. 1+000																					
TO 15-10 SWJ - BL-MP2.3.4.3.7.3	Reinstatement of Ajja Force Line from St. 1+000 to St. 1+033 & St. 1+065 to St. 1+104																					
TO 15-10 SWJ - BL-MP2.3.4.2	Reinstatement of Zone 04																					
TO 15-10 SWJ - BL-MP2.3.10	Testing, Training and Commissioning																					
TO 15-10 SWJ - BL-MP2.3.10.1	Zone 1 - Testing, Training and Commissioning																					
TO 15-10 SWJ - BL-MP2.3.10.2	Zone 2 - Testing, Training and Commissioning																					
TO 15-10 SWJ - BL-MP2.3.10.3	Zone 3 - Testing, Training and Commissioning																					
TO 15-10 SWJ - BL-MP2.3.10.3.1	Zone 3 - Testing, Training and Commissioning - SMT																					
TO 15-10 SWJ - BL-MP2.3.10.3.2	Zone 3 - Testing, Training and Commissioning - AJP																					
TO 15-10 SWJ - BL-MP2.3.10.4	Zone 4 - Testing, Training and Commissioning																					
TO 15-10 SWJ - BL-MP3	Post Construction Phase																					
TO 15-10 SWJ - BL-MP3.1	Post construction Submittals																					
TO 15-10 SWJ - BL-MP3.2	Demobilization																					

Report for:
Activities Sorted by Early Start and Total Float

TO 15-10 SWJ - Original Baseline Schedule - Southwest Jenin Water Project



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Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018											
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A					
TO 15-10 SWJ - Original Baseline Schedule - Southwest Jenin Water Project					16-Feb-17, TO 15-10 SWJ - Orig...																																			
Milestones					16-Feb-17, Milestones																																			
General Milestones					16-Feb-17, General Milestones																																			
A-1000	Notice To Proceed (NTP)	0d	26-Oct-15*		◆ Notice To Proceed (NTP)																																			
A-1010	Project Duration	480d	26-Oct-15	16-Feb-17	■ Project Duration																																			
A-1020	Project Completion Date	0d		16-Feb-17*	◆ Project Completion Date																																			
Intermediate Milestones					16-Feb-17, Intermediate Milest...																																			
AI-1000	Start of Mobilization	0d	26-Oct-15		◆ Start of Mobilization																																			
AI-1010	Finish of Mobilization	0d		25-Nov-15*	◆ Finish of Mobilization																																			
AI-1020	Start of Pre-Construction Submittals	0d	26-Oct-15		◆ Start of Pre-Construction Subm...																																			
AI-1030	Finish of Pre-Construction Submittals	0d		06-Jan-16*	◆ Finish of Pre-Construction Sub...																																			
AI-1040	Start of Construction Submittals	0d	26-Oct-15		◆ Start of Construction Submitta...																																			
AI-1050	Finish of Construction Submittals	0d		03-Dec-16	◆ Finish of Construction Submitt...																																			
AI-1060	Finish of Construction	0d		29-Jan-17	◆ Finish of Construction																																			
AI-AJR-1090	Start of Ajja Reservoir	0d	30-Jan-16		◆ Start of Ajja Reservoir																																			
AI-AJR-1100	Finish of Ajja Reservoir	0d		25-Jan-17	◆ Finish of Ajja Reservoir																																			
AI-ARR-1000	Start of Arraba Reservoir	0d	02-Jan-16		◆ Start of Arraba Reservoir																																			
AI-ARR-1030	Finish of Arraba Reservoir	0d		04-Dec-16	◆ Finish of Arraba Reservoir																																			
AI-JLR-1070	Start of Jalqamus Reservoir	0d	06-Jan-16		◆ Start of Jalqamus Reservoir																																			
AI-JLR-1080	Finish of Jalqamus Reservoir	0d		29-Nov-16	◆ Finish of Jalqamus Reservoir																																			
AI-KFR-1070	Start of Kuferit Reservoir	0d	30-Jan-16		◆ Start of Kuferit Reservoir																																			
AI-KFR-1080	Finish of Kuferit Reservoir	0d		02-Nov-16	◆ Finish of Kuferit Reservoir																																			
AI-KRR-1110	Start of Kafr Rai Reservoir	0d	28-Jan-16		◆ Start of Kafr Rai Reservoir																																			
AI-KRR-1120	Finish of Kafr Rai Reservoir	0d		17-Jan-17	◆ Finish of Kafr Rai Reservoir																																			
AI-MTB-1070	Start of Al Mutilla Booster Station	0d	08-Sep-16		◆ Start of Al Mutilla Booster St...																																			
AI-MTB-1080	Finish of Al Mutilla Booster Station	0d		29-Jan-17	◆ Finish of Al Mutilla Booster S...																																			
AI-MTR-1050	Start of Al Mutilla Elevated Reservoir	0d	23-Dec-15		◆ Start of Al Mutilla Elevated R...																																			
AI-MTR-1060	Finish of Al Mutilla Elevated Reservoir	0d		19-Nov-16	◆ Finish of Al Mutilla Elevated ...																																			
AI-MTR-1070	Start of Jalqamus Transmission	0d	19-Jun-16		◆ Start of Jalqamus Transmission																																			
AI-MTR-1080	Finish of Jalqamus Transmission	0d		16-Feb-17	◆ Finish of Jalqamus Transmissio...																																			
AI-MTR-1090	Start of Al Mutilla Booster Station to Al Mutilla Reservoir	0d	21-Sep-16		◆ Start of Al Mutilla Booster St...																																			
AI-MTR-1100	Finish of Al Mutilla Booster Station to Al Mutilla Reservoir	0d		16-Feb-17	◆ Finish of Al Mutilla Booster S...																																			
AI-MTR-1110	Start of Sanur Junction to Maythaloun Well	0d	12-Apr-16		◆ Start of Sanur Junction to May...																																			
AI-MTR-1120	Finish of Sanur Junction to Maythaloun Well	0d		16-Feb-17	◆ Finish of Sanur Junction to Ma...																																			
AI-MTR-1130	Start of Ajja Transmission line	0d	21-Nov-16		◆ Start of Ajja Transmission lin...																																			
AI-MTR-1140	Finish of Ajja Transmission line	0d		16-Feb-17	◆ Finish of Ajja Transmission L...																																			
AI-MTR-1150	Start of Yabad - Kuferit Main Transmission line	0d	16-Oct-16		◆ Start of Yabad - Kuferit Main ...																																			
AI-MTR-1160	Finish of Yabad - Kuferit Main Transmission line	0d		13-Feb-17	◆ Finish of Yabad - Kuferit Main...																																			
Preconstruction Phase					21-Apr-16, Preconstruction Pha...																																			
Mobilization					25-Nov-15, Mobilization																																			
SWJ - MOB-0999	Construction Site Handover and Receive Conformed Drawings	1d	27-Oct-15	27-Oct-15	■ Construction Site Handover and...																																			
SWJ - MOB-1000	Pre-Construction Dilapidation Survey	15d	28-Oct-15	14-Nov-15	■ Pre-Construction Dilapidation ...																																			
SWJ - MOB-1010	Provide, furnish and erect Temporary Project Signs	2d	26-Oct-15	27-Oct-15	■ Provide, furnish and erect Tem...																																			
SWJ - MOB-1020	Supply and furnish Field Office Furniture and Miscellaneous	2d	19-Nov-15	21-Nov-15	■ Supply and furnish Field Offic...																																			
SWJ - MOB-1030	Supply and install Field Office Computer Systems and IT Equipments	5d	21-Nov-15	25-Nov-15	■ Supply and install Field Offic...																																			

■ Actual Work
 ■ Critical Remaining Work
 ▼ Summary
■ Remaining Work
 ◆ Milestone

TO 15-10 SWJ - Original Baseline Schedule - Southwest Jenin Water Project



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Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018											
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A					
SWJ-PC-SUB-22-R&A	Review & Approval of Storage Yard	15d	29-Oct-15	19-Nov-15	Review & Approval of Storage Y...																																			
Traffic Control Plan Submittals					21-Apr-16, Traffic Control Pla...																																			
Reservoirs Traffic Control Plan Submittals					19-Jan-16, Reservoirs Traffic ...																																			
SWJ-TCP-1000	Preparation & Submit Traffic Control Plan for Al Mutilla Reservoir	11d	07-Nov-15	19-Nov-15	Preparation & Submit Traffic C...																																			
SWJ-TCP-1010	Review & Approval of Traffic Control Plan for Al Mutilla Reservoir	21d	22-Nov-15	20-Dec-15	Review & Approval of Traffic C...																																			
SWJ-TCP-1180	Preparation & Submit Traffic Control Plan for Arraba Reservoir	5d	21-Nov-15	25-Nov-15	Preparation & Submit Traffic C...																																			
SWJ-TCP-1190	Review & Approval of Traffic Control Plan for Arraba Reservoir	21d	26-Nov-15	27-Dec-15	Review & Approval of Traffic C...																																			
SWJ-TCP-1200	Preparation & Submit Traffic Control Plan for Jalqamus Reservoir	5d	26-Nov-15	01-Dec-15	Preparation & Submit Traffic C...																																			
SWJ-TCP-1210	Review & Approval of Traffic Control Plan for Jalqamus Reservoir	21d	02-Dec-15	03-Jan-16	Review & Approval of Traffic C...																																			
SWJ-TCP-1220	Preparation & Submit Traffic Control Plan for Kuferit Reservoir	5d	02-Dec-15	07-Dec-15	Preparation & Submit Traffic C...																																			
SWJ-TCP-1230	Review & Approval of Traffic Control Plan for Kuferit Reservoir	21d	08-Dec-15	07-Jan-16	Review & Approval of Traffic C...																																			
SWJ-TCP-1240	Preparation & Submit Traffic Control Plan for Kafr Rai Reservoir	5d	08-Dec-15	13-Dec-15	Preparation & Submit Traffic C...																																			
SWJ-TCP-1250	Review & Approval of Traffic Control Plan for Kafr Rai Reservoir	21d	14-Dec-15	13-Jan-16	Review & Approval of Traffic C...																																			
SWJ-TCP-1260	Preparation & Submit Traffic Control Plan for Ajja Reservoir	5d	14-Dec-15	19-Dec-15	Preparation & Submit Traffic C...																																			
SWJ-TCP-1270	Review & Approval of Traffic Control Plan for Ajja Reservoir	21d	20-Dec-15	19-Jan-16	Review & Approval of Traffic C...																																			
Al Mutilla Booster Station Traffic Control Plan Submittals					27-Dec-15, Al Mutilla Booster ...																																			
SWJ-TCP-1020	Preparation & Submit Traffic Control Plan for Al Mutilla Booster Station	5d	21-Nov-15	25-Nov-15	Preparation & Submit Traffic C...																																			
SWJ-TCP-1030	Review & Approval of Traffic Control Plan for Al Mutilla Booster Station	21d	26-Nov-15	27-Dec-15	Review & Approval of Traffic C...																																			
Transmission main and supply pipelines Traffic Control Plan Submittals					21-Apr-16, Transmission main a...																																			
Area A and Area B					04-Apr-16, Area A and Area B																																			
SWJ-TCP-1280	Preparation & Submit Traffic Control Plan for Sanur Junction to Maythaloun Well	5d	25-Nov-15	30-Nov-15	Preparation & Submit Traffic C...																																			
SWJ-TCP-1290	Review & Approval of Traffic Control Plan for Sanur Junction to Maythaloun Well	21d	01-Dec-15	30-Dec-15	Review & Approval of Traffic C...																																			
SWJ-TCP-1300	Preparation & Submit Traffic Control Plan for Talfit - Al Mutilla Pipeline (ø 150 mm - (9300) LM)	5d	01-Dec-15	06-Dec-15	Preparation & Submit Traffic C...																																			
SWJ-TCP-1310	Review & Approval of Traffic Control Plan for Talfit - Al Mutilla Pipeline (ø 150 mm - (9300) LM)	21d	07-Dec-15	06-Jan-16	Review & Approval of Traffic C...																																			
SWJ-TCP-1320	Preparation & Submit Traffic Control Plan for Yabad-Kuferit Pipeline (Area A and B)	5d	04-Feb-16	09-Feb-16	Preparation & Submit Traffic C...																																			
SWJ-TCP-1330	Review & Approval of Traffic Control Plan for Yabad-Kuferit Pipeline (Area A and B)	21d	10-Feb-16	09-Mar-16	Review & Approval of Traffic C...																																			
SWJ-TCP-1340	Preparation & Submit Traffic Control Plan for Anza-Ajja (Area A and B)	5d	01-Mar-16	06-Mar-16	Preparation & Submit Traffic C...																																			
SWJ-TCP-1350	Review & Approval of Traffic Control Plan for Anza-Ajja (Area A and B)	21d	07-Mar-16	04-Apr-16	Review & Approval of Traffic C...																																			
Area C					21-Apr-16, Area C																																			
SWJ-COR-1010	Coordination with the COGATand DCL to obtain all the necessary approvals inclusive of traffic plans - Area C	45d	26-Nov-15	09-Jan-16	Coordination with the COGATand...																																			
SWJ-TCP-1420	Preparation & Submit Traffic Control Plan for Anza-Ajja (Area C) From STA: 0+270 to STA: 1+104	20d	01-Mar-16	23-Mar-16	Preparation & Submit Traffic C...																																			
SWJ-TCP-1430	Review & Approval of Traffic Control Plan for Anza-Ajja (Area C) From STA: 0+270 to STA: 1+104	21d	24-Mar-16	21-Apr-16	Review & Approval of Traffic C...																																			
SWJ-TCP-1440	Preparation & Submit Traffic Control Plan for Yabad-Kuferit Pipeline (Area C) From STA: 0+000 to STA: 0+640	20d	04-Feb-16	29-Feb-16	Preparation & Submit Traffic C...																																			
SWJ-TCP-1450	Review & Approval of Traffic Control Plan for Yabad-Kuferit Pipeline (Area C) From STA: 0+000 to STA: 0+640	21d	01-Mar-16	29-Mar-16	Review & Approval of Traffic C...																																			
SWJ-TCP-1460	Preparation & Submit Traffic Control Plan for AL Mughayyir-AL Mutilla Force Line From STA 0+270 to STA: 1+430.	20d	10-Jan-16	03-Feb-16	Preparation & Submit Traffic C...																																			
SWJ-TCP-1470	Review & Approval of Traffic Control Plan for AL Mughayyir-AL Mutilla Force Line From STA 0+270 to STA: 1+430.	21d	04-Feb-16	03-Mar-16	Review & Approval of Traffic C...																																			
SWJ-TCP-1480	Preparation & Submit Traffic Control Plan for Zone 4, Location 8, 9 and 10 (Area C)	20d	04-Feb-16	29-Feb-16	Preparation & Submit Traffic C...																																			
SWJ-TCP-1490	Review & Approval of Traffic Control Plan for Zone 4, Location 8, 9 and 10 (Area C)	21d	01-Mar-16	29-Mar-16	Review & Approval of Traffic C...																																			
Construction Phase					16-Feb-17, Construction Phase																																			
Construction Submittals					20-Jul-16, Construction Submitt...																																			
Shop drawing Submittals					20-Jul-16, Shop drawing Submitt...																																			
Reservoirs Shop drawing Submittals					28-Feb-16, Reservoirs Shop dra...																																			
Al Mutilla Elevated Reservoir - New Construction 500 m3					27-Jan-16, Al Mutilla Elevated...																																			
MTR-SD-100	Prep. & Sub. Survey plan (grid points) for Al Mutilla Elevated Reservoir	3d	12-Nov-15	16-Nov-15	Prep. & Sub. Survey plan (grid...																																			
MTR-SD-110	Review & Approval of Survey plan (grid points) for Al Mutilla Elevated Reservoir	21d	17-Nov-15	15-Dec-15	Review & Approval of Survey pl...																																			

■ Actual Work
 ■ Critical Remaining Work
 ▼ Summary
■ Remaining Work
 ◆ Milestone

TO 15-10 SWJ - Original Baseline Schedule - Southwest Jenin Water Project



13-Feb-16 21:22

Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018					
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M
Installation of Electro - Mechanical Component																																		
Zone 01																																		
Electro - Mechanical work - Zone 01																																		
SWJ-2000	Mechanical and Electrical installation Zone 1	21d	02-Nov-16	28-Nov-16																														
SWJ-2020	Installation of Cathodic Protection system - Anode and Test Station for Zone 1	20d	04-Sep-16	02-Oct-16																														
Instrumentation and SCADA Programming - Zone 01																																		
SWJ-2030	Supply and Install Instruments for the site and its facilities and Structures per section 13500A, P&ID - Zone 1	10d	28-Nov-16	10-Dec-16																														
SWJ-2040	SCADA Head-End Integration and Programming - Zone 1	5d	10-Dec-16	18-Dec-16																														
Zone 02																																		
Electro - Mechanical work - Zone 02																																		
SWJ-2050	Mechanical and Electrical installation Zone 02	21d	27-Nov-16	24-Dec-16																														
SWJ-2060	Installation of Cathodic Protection system - Anode and Test Station for Zone 02	20d	05-Nov-16	29-Nov-16																														
Instrumentation and SCADA Programming - Zone 02																																		
SWJ-2070	Supply and Install Instruments for the site and its facilities and Structures per section 13500A, P&ID - Zone 02	10d	24-Dec-16	08-Jan-17																														
SWJ-2080	SCADA Head-End Integration and Programming - Zone 02	5d	08-Jan-17	16-Jan-17																														
Zone 03																																		
Electro - Mechanical work - Zone 03																																		
SWJ-2090	Mechanical and Electrical installation Zone 03	21d	30-Nov-16	28-Dec-16																														
SWJ-2100	Installation of Cathodic Protection system - Anode and Test Station for Zone 03	20d	30-Apr-16	24-May-16																														
Instrumentation and SCADA Programming - Zone 03																																		
SWJ-2110	Supply and Install Instruments for the site and its facilities and Structures per section 13500A, P&ID - Zone 03	10d	28-Dec-16	14-Jan-17																														
SWJ-2120	SCADA Head-End Integration and Programming - Zone 03	5d	14-Jan-17	19-Jan-17																														
Zone 04																																		
Electro - Mechanical work - Zone 04																																		
SWJ-2130	Mechanical Installation for Air Valves and Washouts chambers - Zone 04	24d	04-Sep-16	06-Oct-16																														
Instrumentation and SCADA Programming - Zone 04																																		
SWJ-2150	Supply and Install Instruments for the site and its facilities and Structures per section 13500A, P&ID - Zone 04	10d	06-Oct-16	18-Oct-16																														
SWJ-2160	SCADA Head-End Integration and Programming - Zone 04	5d	18-Oct-16	24-Oct-16																														
Pavement repair and reinstatement																																		
Reinstatement of Zone 01																																		
Talfit - Jalqamus Force line (Talfit Junction to Jalqamus Reservoir)																																		
E-TJT-1120	200 mm Basecourse Reinstatement over trench for Talfit - Jalqamus line from St. 0+000 to St.2+140	19d	18-Aug-16	10-Sep-16																														
E-TJT-1125	100 mm Basecourse Layer for shoulder width for Talfit - Jalqamus line from St. 0+000 to St.2+140	19d	18-Aug-16	10-Sep-16																														
E-TJT-1130	Aphalt Reinstatement for Talfit - Jalqamus St. 0+000 to St. 0+010,	3d	10-Sep-16	18-Sep-16																														
Jalqamus Reservoir to Umatut Force Line (Jalqamus Junction) (150mm x 1.8 km)																																		
E-JLT-1100	200 mm Basecourse Reinstatement over trench for JALQAMUS-UMATUT Line from St. 0+190 to St.1+880	14d	18-Sep-16	04-Oct-16																														
E-JLT-1120	100 mm Basecourse Layer for shoulder width for JALQAMUS-UMATUT Line from St. 0+190 to St.1+880	14d	18-Sep-16	04-Oct-16																														
E-JLT-1130	Aphalt Reinstatement for JALQAMUS-UMATUT Line from St. 0+190 to St.1+880	3d	04-Oct-16	08-Oct-16																														
Jalqamus to Al Mughayyir Force Line																																		
Reinstatement of Jalqamus to Al Mughayyir pipeline from St. 0+000 to St. 1+500																																		
E-JMT-1140	200mm Basecourse Reinstatement over trench for Jalqamus to Al Mughayyir pipeline from St. 0+000 to St.1+500	10d	08-Oct-16	19-Oct-16																														
E-JMT-1165	100 mm Basecourse Layer for shoulder width of Jalqamus to Al Mughayyir pipeline from St. 0+000 to St.1+500	10d	08-Oct-16	19-Oct-16																														
Reinstatement of Jalqamus to Al Mughayyir pipeline from St. 1+500 to St. 1+770																																		
E-JMT-1150	200mm Subgrade layer for Jalqamus to Al Mughayyir pipeline from St. 1+500 to St. 1+770	1d	19-Oct-16	20-Oct-16																														
E-JMT-1175	200mm Base course layer for Jalqamus to Al Mughayyir pipeline from St. 1+500 to St. 1+770	2d	20-Oct-16	23-Oct-16																														

█ Actual Work
 █ Critical Remaining Work
 ▼ Summary
 █ Remaining Work
 ◆ Milestone

TASK filter: All Activities

SR-01 Classic Schedule Report - Sort by ES, TF

Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
SWJ - MOB-1080	Mobilization Summary	26d	26d	0%	26-Oct-15	25-Nov-15	26-Oct-15	25-Nov-15	0d
SWJ-PC-SUB-C	Preparation & Submit Engineer's Field Office Location and Layout	2d	2d	0%	26-Oct-15	27-Oct-15	26-Oct-15	27-Oct-15	0d
SWJ-PC-SUB-C	Preparation & Submit Field Office Furniture and Equipment	2d	2d	0%	26-Oct-15	27-Oct-15	26-Oct-15	27-Oct-15	0d
SWJ-PC-SUB-C	Preparation & Submit Field Office Computer Systems and Miscellaneous	5d	5d	0%	26-Oct-15	31-Oct-15	26-Oct-15	31-Oct-15	0d
SWJ-PC-SUB-C	Preparation & Submit Storage Yard	3d	3d	0%	26-Oct-15	28-Oct-15	26-Oct-15	28-Oct-15	0d
AI-1000	Start of Mobilization	0d	0d	0%	26-Oct-15		26-Oct-15		0d
AI-1020	Start of Pre-Construction Submittals	0d	0d	0%	26-Oct-15		26-Oct-15		0d
AI-1040	Start of Construction Submittals	0d	0d	0%	26-Oct-15		26-Oct-15		0d
A-1000	Notice To Proceed (NTP)	0d	0d	0%	26-Oct-15*		26-Oct-15		0d
A-1010	Project Duration	480d	480d	0%	26-Oct-15	16-Feb-17	26-Oct-15	16-Feb-17	0d
SWJ-MMS-100	Prep. & Sub. Steel Pipes (250mm, 200mm, 150mm, 100mm, 75mm, 50mm etc.)	15d	15d	0%	26-Oct-15	11-Nov-15	26-Oct-15	12-Nov-15	0d 3.00h
SWJ - MOB-1075	Survey Work	15d	15d	0%	26-Oct-15	11-Nov-15	28-Oct-15	16-Nov-15	2d 3.00h
SWJ-PC-SUB-C	Preparation & Submit Scheduling Qualification Submittal	2d	2d	0%	26-Oct-15	27-Oct-15*	29-Oct-15	31-Oct-15	3d
SWJ-PC-SUB-C	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)	9d	9d	0%	26-Oct-15	04-Nov-15*	29-Oct-15	08-Nov-15	3d
SWJ-PC-SUB-1	Preparation & Submit Construction Risk Management Program	5d	5d	0%	26-Oct-15	31-Oct-15	04-Nov-15	10-Nov-15	8d 3.00h
SWJ-PC-SUB-1	Preparation & Submit Safety Plan	5d	5d	0%	26-Oct-15	31-Oct-15*	17-Nov-15	22-Nov-15	18d
SWJ-PC-SUB-1	Preparation & Submit Quality Control Plan with Testing Lab	5d	5d	0%	26-Oct-15	31-Oct-15*	21-Nov-15	25-Nov-15	21d
MTR-SD-120	Prep. & Sub. Layout Shop drawing for AI Mutila Elevated Reservoir	3d	3d	0%	26-Oct-15	28-Oct-15	22-Nov-15	25-Nov-15	22d 3.00h
SWJ - MOB-1010	Provide, furnish and erect Temporary Project Signs	2d	2d	0%	26-Oct-15	27-Oct-15	24-Nov-15	25-Nov-15	24d
SWJ-EMS-180	Prep. & Sub. Pressure Transmitters	5d	5d	0%	26-Oct-15	31-Oct-15	01-Dec-15	06-Dec-15	30d
SWJ-PC-SUB-1	Preparation & Submit General Construction Method Statement	5d	5d	0%	26-Oct-15	31-Oct-15	03-Dec-15	08-Dec-15	32d
SWJ-PC-SUB-1	Preparation & Submit Environmental Monitoring and Mitigation Plan	3d	3d	0%	26-Oct-15	28-Oct-15*	07-Dec-15	10-Dec-15	35d 5.00h
SWJ-CMS-146	Prep. & Sub. Formwork Ties (Sample)	5d	5d	0%	26-Oct-15	31-Oct-15	17-Dec-15	23-Dec-15	44d 3.00h
SWJ-CMS-148	Prep. & Sub. Formwork Release Agent	5d	5d	0%	26-Oct-15	31-Oct-15	17-Dec-15	23-Dec-15	44d 3.00h
SWJ-CMS-150	Prep. & Sub. Formwork Plywood (Sample)	5d	5d	0%	26-Oct-15	31-Oct-15	17-Dec-15	23-Dec-15	44d 3.00h
SWJ-CMS-140	Prep. & Sub. Concrete Ready Mix Company	5d	5d	0%	26-Oct-15	31-Oct-15	02-Jan-16	07-Jan-16	55d 3.00h
SWJ-EMS-440	Prep. & Sub. Cathode protection: Test Stations	5d	5d	0%	26-Oct-15	31-Oct-15	07-Jan-16	12-Jan-16	60d
SWJ-EMS-520	Prep. & Sub. Pressure Indicating Transmitter	9d	9d	0%	26-Oct-15	04-Nov-15	09-Jan-16	18-Jan-16	61d
SWJ-EMS-540	Prep. & Sub. Grounding System	9d	9d	0%	26-Oct-15	04-Nov-15	09-Jan-16	18-Jan-16	61d
SWJ-EMS-560	Prep. & Sub. Switches and Sockets	9d	9d	0%	26-Oct-15	04-Nov-15	09-Jan-16	18-Jan-16	61d
SWJ-EMS-580	Prep. & Sub. Lighting Pole	9d	9d	0%	26-Oct-15	04-Nov-15	09-Jan-16	18-Jan-16	61d
SWJ-EMS-600	Prep. & Sub. Lighting & Lamps	9d	9d	0%	26-Oct-15	04-Nov-15	09-Jan-16	18-Jan-16	61d
SWJ-EMS-620	Prep. & Sub. Fire Alarm Detection	9d	9d	0%	26-Oct-15	04-Nov-15	09-Jan-16	18-Jan-16	61d
SWJ-EMS-640	Prep. & Sub. Float Level Switch	9d	9d	0%	26-Oct-15	04-Nov-15	09-Jan-16	18-Jan-16	61d
SWJ-EMS-660	Prep. & Sub. Conduit For Electrical Work	9d	9d	0%	26-Oct-15	04-Nov-15	09-Jan-16	18-Jan-16	61d
SWJ-EMS-680	Prep. & Sub. Computer System Hardware	9d	9d	0%	26-Oct-15	04-Nov-15	09-Jan-16	18-Jan-16	61d
SWJ-EMS-700	Prep. & Sub. Network System	9d	9d	0%	26-Oct-15	04-Nov-15	09-Jan-16	18-Jan-16	61d
SWJ-EMS-740	Prep. & Sub. Pressure and Level Instrument	9d	9d	0%	26-Oct-15	04-Nov-15	09-Jan-16	18-Jan-16	61d
SWJ-EMS-760	Prep. & Sub. Instruments Cable	9d	9d	0%	26-Oct-15	04-Nov-15	09-Jan-16	18-Jan-16	61d
SWJ-EMS-780	Prep. & Sub. Earth Pit For Earthing Electrode - With Sample.	9d	9d	0%	26-Oct-15	04-Nov-15	09-Jan-16	18-Jan-16	61d
SWJ-EMS-480	Prep. & Sub. Lighting Surge Arrestor	5d	5d	0%	26-Oct-15	31-Oct-15	13-Jan-16	18-Jan-16	65d
SWJ-EMS-500	Prep. & Sub. Lighting Surge Arrestor Cabinet	5d	5d	0%	26-Oct-15	31-Oct-15	13-Jan-16	18-Jan-16	65d
SWJ-MMS-152	Prep. & Sub. Lightning System	5d	5d	0%	26-Oct-15	31-Oct-15	13-Jan-16	18-Jan-16	65d
SWJ-MMS-142	Prep. & Sub. Booster Pump Control Valves	5d	5d	0%	26-Oct-15	31-Oct-15	02-Feb-16	07-Feb-16	80d
SWJ-MMS-144	Prep. & Sub. Booster Pump flow meter	5d	5d	0%	26-Oct-15	31-Oct-15	02-Feb-16	07-Feb-16	80d
SWJ-MMS-104	Prep. & Sub. Butterfly Valve	5d	5d	0%	26-Oct-15	31-Oct-15	13-Feb-16	17-Feb-16	89d
SWJ-MMS-106	Prep. & Sub. Gate Valve - 2", 3" & 4"	10d	10d	0%	26-Oct-15	05-Nov-15	13-Feb-16	25-Feb-16	89d
SWJ-PC-SUB-C	Preparation & Submit Key Staff	5d	5d	0%	26-Oct-15	31-Oct-15	16-Feb-16	23-Feb-16	92d
SWJ-PC-SUB-1	Preparation & Submit Insurances	5d	5d	0%	26-Oct-15	31-Oct-15	16-Feb-16	23-Feb-16	92d
SWJ-PC-SUB-2	Preparation & Submit Lists of Permits and Licenses	5d	5d	0%	26-Oct-15	31-Oct-15	16-Feb-16	23-Feb-16	92d
SWJ-PC-SUB-2	Preparation & Submit Dumping Site	4d	4d	0%	26-Oct-15	29-Oct-15	17-Feb-16	23-Feb-16	93d
SWJ-MMS-108	Prep. & Sub. Combination Air Valve	5d	5d	0%	26-Oct-15	31-Oct-15	18-Feb-16	25-Feb-16	94d
SWJ-MMS-110	Prep. & Sub. Check Valve	5d	5d	0%	26-Oct-15	31-Oct-15	18-Feb-16	25-Feb-16	94d
SWJ-MMS-136	Prep. & Sub. Mechanical Coupling	10d	10d	0%	26-Oct-15	05-Nov-15	18-Feb-16	02-Mar-16	94d
SWJ-PC-SUB-C	Preparation & Submit Submittals Schedule	2d	2d	0%	26-Oct-15	27-Oct-15	22-Feb-16	23-Feb-16	95d
SWJ-PC-SUB-C	Preparation & Submit Project Temporary Signs	2d	2d	0%	26-Oct-15	27-Oct-15	27-Feb-16	28-Feb-16	99d
SWJ-MMS-122	Prep. & Sub. Flange Gasket	5d	5d	0%	26-Oct-15	31-Oct-15	27-Feb-16	02-Mar-16	99d
SWJ-MMS-126	Prep. & Sub. Ball Valves DN50 & Smaller	5d	5d	0%	26-Oct-15	31-Oct-15	27-Feb-16	02-Mar-16	99d
SWJ-MMS-140	Prep. & Sub. Float Control Valve	5d	5d	0%	26-Oct-15	31-Oct-15	27-Feb-16	02-Mar-16	99d
SWJ-MMS-160	Prep. & Sub. Flap Valves	5d	5d	0%	26-Oct-15	31-Oct-15	27-Feb-16	02-Mar-16	99d
SWJ-MMS-130	Prep. & Sub. Pipe Heat Shrinkable Sleeve & Tape	5d	5d	0%	26-Oct-15	31-Oct-15	08-Mar-16	14-Mar-16	108d 3.00h
SWJ-MMS-134	Prep. & Sub. Gate Valve - 6", 8" & 10"- PN16-40	10d	10d	0%	26-Oct-15	05-Nov-15	26-Mar-16	06-Apr-16	123d 1.00h
SWJ-MMS-138	Prep. & Sub. Perforated Pipes	10d	10d	0%	26-Oct-15	05-Nov-15	07-Apr-16	19-Apr-16	134d 3.00h
SWJ-MMS-132	Prep. & Sub. Steel Flanges	5d	5d	0%	26-Oct-15	31-Oct-15	03-May-16	09-May-16	154d 4.00h
SWJ-CMS-158	Prep. & Sub. Access Man way Fabrication Detail	5d	5d	0%	26-Oct-15	31-Oct-15	23-May-16	29-May-16	171d 1.00h
SWJ-CMS-162	Prep. & Sub. Access Hatches	5d	5d	0%	26-Oct-15	31-Oct-15	11-Aug-16	16-Aug-16	227d 3.00h
SWJ-EMS-720	Prep. & Sub. Warning Tape for Electrical Work	9d	9d	0%	26-Oct-15	04-Nov-15	22-Aug-16	31-Aug-16	236d 3.00h
SWJ-CMS-160	Prep. & Sub. Handrail	5d	5d	0%	26-Oct-15	31-Oct-15	05-Sep-16	10-Sep-16	248d 3.00h
SWJ-CMS-136	Prep. & Sub. Internal Epoxy Coating (Nitocote EP405)	5d	5d	0%	26-Oct-15	31-Oct-15	08-Sep-16	18-Sep-16	251d 3.00h
SWJ-CMS-164	Prep. & Sub. Curbstone	5d	5d	0%	26-Oct-15	31-Oct-15	17-Sep-16	21-Sep-16	254d 3.00h
SWJ-CMS-132	Prep. & Sub. Non-Shrink Cementations Grout for Tie Rods (Conbextra HF)	5d	5d	0%	26-Oct-15	31-Oct-15	22-Sep-16	27-Sep-16	259d 3.00h

SR-01 Classic Schedule Report - Sort by ES, TF

Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
SWJ-CMS-134	Prep. & Sub. External Top Coating (Dekguard FC)& External Primer Coating (Nitocote SN522)	5d	5d	0%	26-Oct-15	31-Oct-15	22-Sep-16	27-Sep-16	259d 3.00h
SWJ-CMS-138	Prep. & Sub. Cementation Repair Mortar (Renderoc FC)	5d	5d	0%	26-Oct-15	31-Oct-15	01-Oct-16	05-Oct-16	266d 3.00h
SWJ-CMS-142	Prep. & Sub. Asphalt Materials Source	5d	5d	0%	26-Oct-15	31-Oct-15	08-Oct-16	12-Oct-16	272d 3.00h
SWJ-CMS-144	Prep. & Sub. Prime Coat & Tack Coat	5d	5d	0%	26-Oct-15	31-Oct-15	08-Oct-16	12-Oct-16	272d 3.00h
SWJ-CMS-154	Prep. & Sub. Asphalt Mix Design	5d	5d	0%	26-Oct-15	31-Oct-15	08-Oct-16	12-Oct-16	272d 3.00h
SWJ-CMS-156	Prep. & Sub. Steel Fence & Post	5d	5d	0%	26-Oct-15	31-Oct-15	11-Oct-16	16-Oct-16	275d 3.00h
SWJ-MMS-124	Prep. & Sub. Pressure Gauges & Snubbers	5d	5d	0%	26-Oct-15	31-Oct-15	26-Oct-16	31-Oct-16	288d 3.00h
SWJ-MMS-128	Prep. & Sub. Bolts, washers, and nuts	5d	5d	0%	26-Oct-15	31-Oct-15	26-Oct-16	31-Oct-16	288d 3.00h
SWJ-CMS-115	Prep. & Sub. Concrete Mix Design	28d	28d	0%	26-Oct-15	28-Nov-15	01-Dec-16	08-Jan-17	318d 3.00h
SWJ-CMS-117	Prep. & Sub. Bedding Material Source	5d	5d	0%	26-Oct-15	31-Oct-15	28-Dec-16	03-Jan-17	338d 3.00h
SWJ-CMS-099	Prep. & Sub. Backfilling Material Source	5d	5d	0%	26-Oct-15	31-Oct-15	29-Dec-16	04-Jan-17	339d 3.00h
SWJ-CMS-107	Prep.&Submit of Manhole Cover	7d	7d	0%	26-Oct-15	02-Nov-15	09-Jan-17	18-Jan-17	346d 3.00h
SWJ-CMS-109	Prep.&Submit of Manhole rung	7d	7d	0%	26-Oct-15	02-Nov-15	09-Jan-17	18-Jan-17	346d 3.00h
SWJ-CMS-130	Prep. & Sub. Proposed Welders for Welders Qualification Test – CVs	5d	5d	0%	26-Oct-15	31-Oct-15	14-Jan-17	18-Jan-17	348d 3.00h
SWJ-CMS-128	Prep. & Sub. Welding Testing lab - Radiographic Third Party Testing Lab	5d	5d	0%	26-Oct-15	31-Oct-15	14-Jan-17	18-Jan-17	348d 3.00h
SWJ-CMS-103	Prep. & Sub. Reinforcement Steel Manufactures Data Sheets	5d	5d	0%	26-Oct-15	31-Oct-15	14-Jan-17	18-Jan-17	348d 3.00h
SWJ - MOB-0999	Construction Site Handover and Receive Conformed Drawings	1d	1d	0%	27-Oct-15	27-Oct-15	07-Nov-15	07-Nov-15	9d
SWJ-PC-SUB-C	Review & Approval of Engineer's Field Office Location and Layout	15d	15d	0%	28-Oct-15	18-Nov-15	28-Oct-15	18-Nov-15	0d
SWJ-PC-SUB-C	Review & Approval of Field Office Furniture and Equipment Plan	15d	15d	0%	28-Oct-15	18-Nov-15	28-Oct-15	18-Nov-15	0d
SWJ - MOB-1000	Pre-Construction Dilapidation Survey	15d	15d	0%	28-Oct-15	14-Nov-15	08-Nov-15	25-Nov-15	9d
SWJ-PC-SUB-C	Review & Approval of Scheduling Qualification Submittal	21d	21d	0%	28-Oct-15	26-Nov-15	24-Feb-16	23-Mar-16	82d
SWJ-PC-SUB-C	Review & Approval of Project Temporary Signs	18d	18d	0%	28-Oct-15	23-Nov-15	29-Feb-16	23-Mar-16	85d
SWJ-CMS-101	Prep. & Sub. Base Course material Source	5d	5d	0%	28-Oct-15	02-Nov-15	02-Jan-17	08-Jan-17	339d 3.00h
SWJ-PC-SUB-2	Review & Approval of Storage Yard	15d	15d	0%	29-Oct-15	19-Nov-15	29-Oct-15	19-Nov-15	0d
SWJ-PC-SUB-1	Preparation & Submit Original CPM Construction Schedule	21d	21d	0%	29-Oct-15	23-Nov-15*	14-Nov-15	08-Dec-15	13d
MTR-SD-130	Review & Approval of Layout Shop drawing for Al Mutilla Elevated Reservoir	21d	21d	0%	29-Oct-15	29-Nov-15	25-Nov-15	27-Dec-15	18d 3.00h
SWJ-PC-SUB-1	Review & Approval of Environmental Monitoring and Mitigation Plan	21d	21d	0%	29-Oct-15	29-Nov-15	24-Feb-16	23-Mar-16	81d
SWJ-PC-SUB-C	Review & Approval of Field Office Computer Systems and Miscellaneous	14d	14d	0%	01-Nov-15	19-Nov-15	01-Nov-15	19-Nov-15	0d
SWJ - MOB-1060	Post OSHA-required notices and establish safety programs	2d	2d	0%	01-Nov-15	02-Nov-15	24-Nov-15	25-Nov-15	19d
SWJ-PC-SUB-1	Review & Approval of Quality Control Plan with Testing Lab C.V	21d	21d	0%	01-Nov-15	30-Nov-15	09-Dec-15	10-Jan-16	27d
SWJ-PC-SUB-1	Review & Approval of Safety Plan	21d	21d	0%	01-Nov-15	30-Nov-15	09-Dec-15	10-Jan-16	27d
SWJ-PC-SUB-1	Review & Approval of General Construction Method Statement	21d	21d	0%	01-Nov-15	30-Nov-15	09-Dec-15	10-Jan-16	27d
SWJ-EMS-240	Prep. & Sub. of SCADA system	20d	20d	0%	01-Nov-15	24-Nov-15	07-Dec-15	30-Dec-15	30d
SWJ-CMS-147	Review & Approval of Formwork Ties (Sample)	21d	21d	0%	01-Nov-15	30-Nov-15	23-Dec-15	25-Jan-16	37d 3.00h
SWJ-CMS-149	Review & Approval of Formwork Release Agent	21d	21d	0%	01-Nov-15	30-Nov-15	23-Dec-15	25-Jan-16	37d 3.00h
SWJ-CMS-151	Review & Approval of Formwork Plywood (Sample)	21d	21d	0%	01-Nov-15	30-Nov-15	23-Dec-15	25-Jan-16	37d 3.00h
SWJ-EMS-200	Prep. & Sub. Magnetic flow-meters	5d	5d	0%	01-Nov-15	05-Nov-15	26-Dec-15	30-Dec-15	45d
SWJ-EMS-100	Prep. & Sub. Pressure Differential switches	9d	9d	0%	01-Nov-15	10-Nov-15	26-Dec-15	05-Jan-16	45d
SWJ-EMS-220	Prep. & Sub. of RTU-PLC	20d	20d	0%	01-Nov-15	24-Nov-15	26-Dec-15	18-Jan-16	45d
SWJ-CMS-141	Review & Approval of Concrete Ready Mix Company	21d	21d	0%	01-Nov-15	30-Nov-15	07-Jan-16	07-Feb-16	46d 3.00h
SWJ-EMS-190	Review & Approval of Pressure Transmitters	21d	21d	0%	01-Nov-15	30-Nov-15	21-Jan-16	18-Feb-16	56d
SWJ-EMS-450	Review & Approval of Cathode protection: Test Stations	21d	21d	0%	01-Nov-15	30-Nov-15	21-Jan-16	18-Feb-16	56d
SWJ-EMS-490	Review & Approval of Lighting Surge Arrestor	21d	21d	0%	01-Nov-15	30-Nov-15	21-Jan-16	18-Feb-16	56d
SWJ-EMS-510	Review & Approval of Lighting Surge Arrestor Cabinet	21d	21d	0%	01-Nov-15	30-Nov-15	21-Jan-16	18-Feb-16	56d
SWJ-MMS-153	Review & Approval of Lightning System	21d	21d	0%	01-Nov-15	30-Nov-15	21-Jan-16	18-Feb-16	56d
SWJ-EMS-460	Prep. & Sub. Cathode protection: Accessories: Link Seal	5d	5d	0%	01-Nov-15	05-Nov-15	13-Jan-16	18-Jan-16	60d
SWJ-MMS-143	Review & Approval of Booster Pump Control Valves	21d	21d	0%	01-Nov-15	30-Nov-15	08-Feb-16	07-Mar-16	68d
SWJ-MMS-145	Review & Approval of Booster Pump flow meter	21d	21d	0%	01-Nov-15	30-Nov-15	08-Feb-16	07-Mar-16	68d
SWJ-PC-SUB-C	Review & Approval of Submittals Schedule	21d	21d	0%	01-Nov-15	30-Nov-15	24-Feb-16	23-Mar-16	80d
SWJ-PC-SUB-C	Review & Approval of Key Staff	21d	21d	0%	01-Nov-15	30-Nov-15	24-Feb-16	23-Mar-16	80d
SWJ-PC-SUB-1	Review & Approval of Construction Risk Management Program	21d	21d	0%	01-Nov-15	30-Nov-15	24-Feb-16	23-Mar-16	80d
SWJ-PC-SUB-1	Review & Approval of Insurances	21d	21d	0%	01-Nov-15	30-Nov-15	24-Feb-16	23-Mar-16	80d
SWJ-PC-SUB-2	Review & Approval of Lists of Permits and Licenses	21d	21d	0%	01-Nov-15	30-Nov-15	24-Feb-16	23-Mar-16	80d
SWJ-PC-SUB-2	Review & Approval of Dumping Site	21d	21d	0%	01-Nov-15	30-Nov-15	24-Feb-16	23-Mar-16	80d
SWJ-MMS-105	Review & Approval of Butterfly Valve	21d	21d	0%	01-Nov-15	30-Nov-15	03-Mar-16	31-Mar-16	86d
SWJ-MMS-109	Review & Approval of Combination Air Valve	21d	21d	0%	01-Nov-15	30-Nov-15	03-Mar-16	31-Mar-16	86d
SWJ-MMS-111	Review & Approval of Check Valve	21d	21d	0%	01-Nov-15	30-Nov-15	03-Mar-16	31-Mar-16	86d
SWJ-MMS-123	Review & Approval of Flange Gasket	21d	21d	0%	01-Nov-15	30-Nov-15	03-Mar-16	31-Mar-16	86d
SWJ-MMS-127	Review & Approval of Ball Valves DN50 & Smaller	21d	21d	0%	01-Nov-15	30-Nov-15	03-Mar-16	31-Mar-16	86d
SWJ-MMS-141	Review & Approval of Float Control Valve	21d	21d	0%	01-Nov-15	30-Nov-15	03-Mar-16	31-Mar-16	86d
SWJ-MMS-161	Review & Approval of Flap Valves	21d	21d	0%	01-Nov-15	30-Nov-15	03-Mar-16	31-Mar-16	86d
SWJ-MMS-131	Review & Approval of Pipe Heat Shrinkable Sleeve & Tape	21d	21d	0%	01-Nov-15	30-Nov-15	14-Mar-16	12-Apr-16	93d 3.00h
SWJ-MMS-112	Prep. & Sub. Flow Control Valve	5d	5d	0%	01-Nov-15	05-Nov-15	27-Feb-16	02-Mar-16	94d
SWJ-MMS-114	Prep. & Sub. Pressure Reducing Valve	5d	5d	0%	01-Nov-15	05-Nov-15	27-Feb-16	02-Mar-16	94d
SWJ-MMS-116	Prep. & Sub. Strainer PN16 & PN25	5d	5d	0%	01-Nov-15	05-Nov-15	27-Feb-16	02-Mar-16	94d
SWJ-MMS-133	Review & Approval of Steel Flanges	21d	21d	0%	01-Nov-15	30-Nov-15	09-May-16	08-Jun-16	131d 4.00h
SWJ-CMS-159	Review & Approval of Access Man way Fabrication Detail	21d	21d	0%	01-Nov-15	30-Nov-15	29-May-16	11-Jul-16	145d 1.00h
SWJ-CMS-163	Review & Approval of Access Hatches	21d	21d	0%	01-Nov-15	30-Nov-15	17-Aug-16	14-Sep-16	189d 1.00h
SWJ-CMS-161	Review & Approval of Handrail	21d	21d	0%	01-Nov-15	30-Nov-15	15-Sep-16	13-Oct-16	210d 1.00h
SWJ-CMS-137	Review & Approval of Internal Epoxy Coating (Nitocote EP405)	21d	21d	0%	01-Nov-15	30-Nov-15	19-Sep-16	17-Oct-16	212d 1.00h

SR-01 Classic Schedule Report - Sort by ES, TF

Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
SWJ-CMS-165	Review & Approval of Curbstone	21d	21d	0%	01-Nov-15	30-Nov-15	22-Sep-16	20-Oct-16	215d 1.00h
SWJ-CMS-133	Review & Approval of Non-Shrink Cementations Grout for Tie Rods (Conbextra HF)	21d	21d	0%	01-Nov-15	30-Nov-15	28-Sep-16	26-Oct-16	219d 1.00h
SWJ-CMS-135	Review & Approval of External Top Coating (Dekguard FC)& External Primer Coating (Nitocote SN522)	21d	21d	0%	01-Nov-15	30-Nov-15	28-Sep-16	26-Oct-16	219d 1.00h
SWJ-CMS-139	Review & Approval of Cementation Repair Mortar (Renderoc FC)	21d	21d	0%	01-Nov-15	30-Nov-15	06-Oct-16	03-Nov-16	225d 1.00h
SWJ-CMS-143	Review & Approval of Asphalt Materials Source	21d	21d	0%	01-Nov-15	30-Nov-15	13-Oct-16	10-Nov-16	230d 1.00h
SWJ-CMS-145	Review & Approval of Prime Coat & Tack Coat	21d	21d	0%	01-Nov-15	30-Nov-15	13-Oct-16	10-Nov-16	230d 1.00h
SWJ-CMS-155	Review & Approval of Asphalt Mix Design	21d	21d	0%	01-Nov-15	30-Nov-15	13-Oct-16	10-Nov-16	230d 1.00h
SWJ-CMS-157	Review & Approval of Steel Fence & Post	21d	21d	0%	01-Nov-15	30-Nov-15	17-Oct-16	14-Nov-16	232d 1.00h
SWJ-MMS-125	Review & Approval of Pressure Gauges & Snubbers	21d	21d	0%	01-Nov-15	30-Nov-15	01-Nov-16	30-Nov-16	243d 1.00h
SWJ-MMS-129	Review & Approval of Bolts, washers, and nuts	21d	21d	0%	01-Nov-15	30-Nov-15	01-Nov-16	30-Nov-16	243d 1.00h
SWJ-CMS-129	Review & Approval of Welding Testing lab - Radiographic Third Party Testing Lab	21d	21d	0%	01-Nov-15	30-Nov-15	19-Jan-17	16-Feb-17	297d 1.00h
SWJ-CMS-131	Review & Approval of Proposed Welders for Welders Qualification Test - CVs	21d	21d	0%	01-Nov-15	30-Nov-15	19-Jan-17	16-Feb-17	297d 1.00h
SWJ-CMS-100	Review & Approval of Backfilling Material Source	21d	21d	0%	01-Nov-15	30-Nov-15	19-Jan-17	16-Feb-17	297d 1.00h
SWJ-CMS-104	Review & Approval of Reinforcement Steel Manufactures Data Sheets	21d	21d	0%	01-Nov-15	30-Nov-15	19-Jan-17	16-Feb-17	297d 1.00h
SWJ-CMS-118	Review & Approval of Bedding Material Source	21d	21d	0%	01-Nov-15	30-Nov-15	19-Jan-17	16-Feb-17	297d 1.00h
SWJ-CMS-124	Prep. & Sub. Material Testing lab	5d	5d	0%	01-Nov-15	05-Nov-15	04-Jan-17	12-Jan-17	338d 3.00h
SWJ-CMS-120	Prep. & Sub. Identification Tape	5d	5d	0%	01-Nov-15	05-Nov-15	14-Jan-17	18-Jan-17	343d 3.00h
SWJ-CMS-102	Review & Approval of Base Course material Source	21d	21d	0%	03-Nov-15	02-Dec-15	19-Jan-17	16-Feb-17	295d 1.00h
SWJ-CMS-108	Review & Approval of Manhole Cover	21d	21d	0%	03-Nov-15	02-Dec-15	19-Jan-17	16-Feb-17	295d 1.00h
SWJ-CMS-110	Review & Approval of Manhole rung	21d	21d	0%	03-Nov-15	02-Dec-15	19-Jan-17	16-Feb-17	295d 1.00h
SWJ-CMS-105	Prep.&Submit Bituminous Cold Material	7d	7d	0%	03-Nov-15	10-Nov-15	09-Jan-17	18-Jan-17	339d 3.00h
SWJ-PC-SUB-C	Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation)	21d	21d	0%	05-Nov-15	06-Dec-15	09-Nov-15	08-Dec-15	2d
SWJ-EMS-530	Review & Approval of Pressure Indicating Transmitter	21d	21d	0%	05-Nov-15	06-Dec-15	21-Jan-16	18-Feb-16	52d
SWJ-EMS-550	Review & Approval of Grounding System	21d	21d	0%	05-Nov-15	06-Dec-15	21-Jan-16	18-Feb-16	52d
SWJ-EMS-570	Review & Approval of Switches and Sockets	21d	21d	0%	05-Nov-15	06-Dec-15	21-Jan-16	18-Feb-16	52d
SWJ-EMS-590	Review & Approval of Lighting Pole	21d	21d	0%	05-Nov-15	06-Dec-15	21-Jan-16	18-Feb-16	52d
SWJ-EMS-610	Review & Approval of Lighting & Lamps	21d	21d	0%	05-Nov-15	06-Dec-15	21-Jan-16	18-Feb-16	52d
SWJ-EMS-630	Review & Approval of Fire Alarm Detection	21d	21d	0%	05-Nov-15	06-Dec-15	21-Jan-16	18-Feb-16	52d
SWJ-EMS-650	Review & Approval of Float Level Switch	21d	21d	0%	05-Nov-15	06-Dec-15	21-Jan-16	18-Feb-16	52d
SWJ-EMS-670	Review & Approval of Conduit For Electrical Work	21d	21d	0%	05-Nov-15	06-Dec-15	21-Jan-16	18-Feb-16	52d
SWJ-EMS-690	Review & Approval of Computer System Hardware	21d	21d	0%	05-Nov-15	06-Dec-15	21-Jan-16	18-Feb-16	52d
SWJ-EMS-710	Review & Approval of Network System	21d	21d	0%	05-Nov-15	06-Dec-15	21-Jan-16	18-Feb-16	52d
SWJ-EMS-750	Review & Approval of Pressure and Level Instrument	21d	21d	0%	05-Nov-15	06-Dec-15	21-Jan-16	18-Feb-16	52d
SWJ-EMS-770	Review & Approval of Instruments Cable	21d	21d	0%	05-Nov-15	06-Dec-15	21-Jan-16	18-Feb-16	52d
SWJ-EMS-790	Review & Approval of Earth Pit For Earthing Electrode - With Sample.	21d	21d	0%	05-Nov-15	06-Dec-15	21-Jan-16	18-Feb-16	52d
SWJ-EMS-730	Review & Approval of Warning Tape for Electrical Work	21d	21d	0%	05-Nov-15	06-Dec-15	01-Sep-16	29-Sep-16	196d 1.00h
SWJ-TCP-100	Preparation & Submit Traffic Control Plan for Al Mutilla Reservoir	11d	11d	0%	07-Nov-15	19-Nov-15	10-Nov-15	24-Nov-15	3d 3.00h
SWJ-MMS-118	Prep. & Sub. Dismantling Joint PN16 & 25	5d	5d	0%	07-Nov-15	11-Nov-15	27-Feb-16	02-Mar-16	89d
SWJ-CMS-126	Prep. & Sub. Water Quality Testing lab	5d	5d	0%	07-Nov-15	11-Nov-15	14-Jan-17	18-Jan-17	338d 3.00h
SWJ-EMS-210	Review & Approval of Magnetic flow-meters	21d	21d	0%	08-Nov-15	07-Dec-15	21-Jan-16	18-Feb-16	51d
SWJ-EMS-470	Review & Approval of Cathode protection: Accessories: Link Seal	21d	21d	0%	08-Nov-15	07-Dec-15	21-Jan-16	18-Feb-16	51d
SWJ-MMS-107	Review & Approval of Gate Valve - 2", 3" & 4"	21d	21d	0%	08-Nov-15	07-Dec-15	03-Mar-16	31-Mar-16	81d
SWJ-MMS-113	Review & Approval of Flow Control Valve	21d	21d	0%	08-Nov-15	07-Dec-15	03-Mar-16	31-Mar-16	81d
SWJ-MMS-115	Review & Approval of Pressure Reducing Valve	21d	21d	0%	08-Nov-15	07-Dec-15	03-Mar-16	31-Mar-16	81d
SWJ-MMS-117	Review & Approval of Strainer PN16 & PN25	21d	21d	0%	08-Nov-15	07-Dec-15	03-Mar-16	31-Mar-16	81d
SWJ-MMS-137	Review & Approval of Mechanical Coupling	21d	21d	0%	08-Nov-15	07-Dec-15	03-Mar-16	31-Mar-16	81d
SWJ-MMS-135	Review & Approval of Gate Valve - 6", 8" & 10"- PN16-40	21d	21d	0%	08-Nov-15	07-Dec-15	06-Apr-16	09-May-16	105d 1.00h
SWJ-MMS-139	Review & Approval of Perforated Pipes	21d	21d	0%	08-Nov-15	07-Dec-15	19-Apr-16	22-May-16	114d 3.00h
SWJ-CMS-125	Review & Approval of Material Testing lab	21d	21d	0%	08-Nov-15	07-Dec-15	19-Jan-17	16-Feb-17	292d 1.00h
SWJ-CMS-121	Review & Approval of Identification Tape	21d	21d	0%	08-Nov-15	07-Dec-15	19-Jan-17	16-Feb-17	292d 1.00h
SWJ-PC-SUB-C	Preparation & Submit Copy of Bank Guarantee Certificates	1d	1d	0%	09-Nov-15	09-Nov-15*	09-Nov-15	09-Nov-15	0d
SWJ-PC-SUB-C	Review & Approval of Bank Guarantee Certificates	21d	21d	0%	10-Nov-15	09-Dec-15	24-Feb-16	23-Mar-16	73d
SWJ-EMS-110	Review & Approval of Pressure differential switches	21d	21d	0%	11-Nov-15	10-Dec-15	21-Jan-16	18-Feb-16	48d
SWJ-CMS-106	Review & Approval of Bituminous Cold Material	21d	21d	0%	11-Nov-15	10-Dec-15	19-Jan-17	16-Feb-17	289d 1.00h
SWJ-MMS-101	Review & Approval of Steel Pipes (250mm, 200mm, 150mm, 100mm, 75mm, 50mm etc.)	21d	21d	0%	12-Nov-15	13-Dec-15	12-Nov-15	14-Dec-15	0d 3.00h
ARR-SD-100	Prep. & Sub. Survey plan (grid points) for Arraba Reservoir	10d	10d	0%	12-Nov-15	24-Nov-15	16-Nov-15	28-Nov-15	2d 3.00h
MTR-SD-100	Prep. & Sub. Survey plan (grid points) for Al Mutilla Elevated Reservoir	3d	3d	0%	12-Nov-15	16-Nov-15	17-Nov-15	21-Nov-15	3d 3.00h
KFR-SD-100	Prep. & Sub. Survey plan (grid points) for Kuferit Reservoir	9d	9d	0%	12-Nov-15	23-Nov-15	25-Nov-15	06-Dec-15	10d 3.00h
JLR-SD-1000	Prep. & Sub. Survey plan (grid points) for Jalqamus Reservoir	8d	8d	0%	12-Nov-15	22-Nov-15	20-Dec-15	30-Dec-15	31d 3.00h
SMT-SD-1000	Prep. & Sub. Shop drawing for Sanur Junction to Maythaloun Well (from St. SMT 0+000 to St. 1+000) (250mm)	10d	10d	0%	12-Nov-15	24-Nov-15	31-Jan-16	11-Feb-16	63d 1.00h
KRR-SD-100	Prep. & Sub. Survey plan (grid points) for Kafr Rai Reservoir	8d	8d	0%	12-Nov-15	22-Nov-15	09-Feb-16	17-Feb-16	71d
SWJ-MMS-119	Review & Approval of Dismantling Joint PN16 & 25	21d	21d	0%	12-Nov-15	13-Dec-15	03-Mar-16	31-Mar-16	77d
R-SD-1000	Prep. & Sub. of Shop drawing for Access Road to Jalqamus Reservoir (190 m of two-lane road with shoulder)	8d	8d	0%	12-Nov-15	22-Nov-15	22-Feb-16	02-Mar-16	80d 3.00h
SWJ-MMS-120	Prep. & Sub. Steel Flanges, Steel Fittings (elbows, reducers, tees, etc.)	5d	5d	0%	12-Nov-15	18-Nov-15	27-Feb-16	02-Mar-16	84d
AJR-SD-1000	Prep. & Sub. Layout Shop drawing for Ajja Reservoir	5d	5d	0%	12-Nov-15	18-Nov-15	02-Mar-16	08-Mar-16	88d 3.00h
AJR-SD-1080	Prep. & Sub. Survey plan (grid points) for Ajja Reservoir	9d	9d	0%	12-Nov-15	23-Nov-15	02-Mar-16	13-Mar-16	88d 3.00h
SWJ-MSS-106	Prep. & Sub. Welding Procedure	10d	10d	0%	12-Nov-15	24-Nov-15	02-Mar-16	14-Mar-16	88d 3.00h
SWJ-MSS-102	Prep. & Sub. Radiographic Testing method statement and safety plan	5d	5d	0%	12-Nov-15	18-Nov-15	08-Mar-16	14-Mar-16	93d 3.00h
MTB-SD-100	Prep. & Sub. Survey plan (grid points) for Al Mutilla Booster	9d	9d	0%	12-Nov-15	23-Nov-15	27-Jun-16	13-Jul-16	179d 3.00h

SR-01 Classic Schedule Report - Sort by ES, TF

Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
SWJ-CMS-127I	Review & Approval of Water Quality Testing lab	21d	21d	0%	12-Nov-15	13-Dec-15	19-Jan-17	16-Feb-17	288d 1.00h
SWJ-PC-SUB-1	Preparation & Submit Dilapidation Survey	3d	3d	0%	16-Nov-15	18-Nov-15	18-Feb-16	23-Feb-16	77d
MTR-SD-140	Prep. & Sub. Excavation Plan for Al Mutilla Elevated Reservoir	3d	3d	0%	17-Nov-15	19-Nov-15	21-Nov-15	24-Nov-15	3d 3.00h
MTR-SD-110	Review & Approval of Survey plan (grid points) for Al Mutilla Elevated Reservoir	21d	21d	0%	17-Nov-15	15-Dec-15	24-Nov-15	23-Dec-15	5d 3.00h
MTR-SD-160	Prep. & Sub. Structural Shop drawing for Al Mutilla Elevated Reservoir	5d	5d	0%	17-Nov-15	22-Nov-15	25-Nov-15	01-Dec-15	7d 3.00h
MTR-SD-280	Prep. & Submit Retaining wall Shopdrawing for Al Mutilla Elevated Reservoir	5d	5d	0%	17-Nov-15	22-Nov-15	27-Aug-16	31-Aug-16	222d 3.00h
SWJ - MOB-1020	Supply and furnish Field Office Furniture and Miscellaneous	2d	2d	0%	19-Nov-15	21-Nov-15	19-Nov-15	21-Nov-15	0d
SWJ-MMS-102I	Prep. & Sub. Booster Pumps - AL MUTILLA BOOSTER	20d	20d	0%	19-Nov-15	12-Dec-15	19-Nov-15	12-Dec-15	0d
SWJ-EMS-360	Prep. & Sub. of Variable Frequency Drives (VFD)	5d	5d	0%	19-Nov-15	24-Nov-15	13-Jan-16	18-Jan-16	45d
SWJ-EMS-420	Prep. & Sub. of Motor Control Centers (MCC)	5d	5d	0%	19-Nov-15	24-Nov-15	13-Jan-16	18-Jan-16	45d
SWJ-PC-SUB-1	Review & Approval of Dilapidation Survey	21d	21d	0%	19-Nov-15	17-Dec-15	24-Feb-16	23-Mar-16	67d
SWJ-MMS-121I	Review & Approval of Steel Flanges, Steel Fittings (elbows, reducers, tees, etc.)	21d	21d	0%	19-Nov-15	17-Dec-15	03-Mar-16	31-Mar-16	73d
SWJ-MSS-103I	Review & Approval of Radiographic Testing method statement and safety plan	21d	21d	0%	19-Nov-15	17-Dec-15	14-Mar-16	12-Apr-16	80d 3.00h
AJR-SD-1010	Review & Approval of Layout Shop drawing for Ajja Reservoir	21d	21d	0%	19-Nov-15	17-Dec-15	17-Apr-16	18-May-16	104d 3.00h
SWJ-MSS-100I	Prep. & Sub. Cathode protection Installation Method Statement	5d	5d	0%	19-Nov-15	24-Nov-15	27-Jul-16	01-Aug-16	194d 3.00h
SWJ - MOB-1040	Arrange for and erect Contractor's work and Storage Yards	2d	2d	0%	21-Nov-15	22-Nov-15	21-Nov-15	22-Nov-15	0d
SWJ - MOB-1030	Supply and install Field Office Computer Systems and IT Equipments	5d	5d	0%	21-Nov-15	25-Nov-15	21-Nov-15	25-Nov-15	0d
SWJ-TCP-1180	Preparation & Submit Traffic Control Plan for Arraba Reservoir	5d	5d	0%	21-Nov-15	25-Nov-15	15-Feb-16	23-Feb-16	70d 3.00h
SWJ-TCP-102C	Preparation & Submit Traffic Control Plan for Al Mutilla Booster Station	5d	5d	0%	21-Nov-15	25-Nov-15	08-Jan-17	15-Jan-17	324d 3.00h
SWJ-TCP-101C	Review & Approval of Traffic Control Plan for Al Mutilla Reservoir	21d	21d	0%	22-Nov-15	20-Dec-15	24-Nov-15	23-Dec-15	2d 3.00h
MTR-SD-150	Review & Approval of Excavation Plan for Al Mutilla Elevated Reservoir	21d	21d	0%	22-Nov-15	20-Dec-15	24-Nov-15	23-Dec-15	2d 3.00h
SWJ - MOB-1070	Installation of Temporary Facilities as per section 01500	3d	3d	0%	23-Nov-15	25-Nov-15	23-Nov-15	25-Nov-15	0d
MTR-SD-170	Review & Approval of Structural Shop drawing for Al Mutilla Elevated Reservoir	21d	21d	0%	23-Nov-15	21-Dec-15	01-Dec-15	03-Jan-16	6d 3.00h
MTR-SD-240	Prep. & Submit Formwork shopdrawing for Al Mutilla Elevated Reservoir	5d	5d	0%	23-Nov-15	28-Nov-15	17-Dec-15	23-Dec-15	21d 3.00h
JLR-SD-1010	Review & Approval of Survey plan (grid points) for Jalqamus Reservoir	21d	21d	0%	23-Nov-15	21-Dec-15	01-Feb-16	01-Mar-16	48d 3.00h
KRR-SD-110	Review & Approval of Survey plan (grid points) for Kafr Rai Reservoir	21d	21d	0%	23-Nov-15	21-Dec-15	18-Feb-16	17-Mar-16	61d
R-SD-1010	Review & Approval of Shop drawing for Access Road to Jalqamus Reservoir (190 m of two-lane road with shoulder)	21d	21d	0%	23-Nov-15	21-Dec-15	02-Mar-16	31-Mar-16	70d 3.00h
MTR-SD-180	Prep. & Sub. Mechanical Shop drawing for Al Mutilla Elevated Reservoir	9d	9d	0%	23-Nov-15	02-Dec-15	17-Feb-16	01-Mar-16	70d 3.00h
MTR-SD-290	Review & Approval of Retaining wall Shopdrawing for Al Mutilla Elevated Reservoir	21d	21d	0%	23-Nov-15	21-Dec-15	01-Sep-16	29-Sep-16	185d 1.00h
R-SD-1020	Prep. & Sub. of Shop drawing for Access Road to Kuferit Reservoir (170 m of two-lane road with shoulder)	10d	10d	0%	23-Nov-15	03-Dec-15	18-Sep-16	28-Sep-16	232d 3.00h
JLR-SD-1180	Prep. & Submit Retaining wall Shopdrawing for Jalqamus Reservoir	5d	5d	0%	23-Nov-15	28-Nov-15	06-Oct-16	11-Oct-16	248d 3.00h
KRR-SD-280	Prep. & Submit Retaining wall Shopdrawing for Kafr Rai Reservoir	5d	5d	0%	23-Nov-15	28-Nov-15	06-Oct-16	11-Oct-16	248d 3.00h
KFR-SD-110	Review & Approval of Survey plan (grid points) for Kuferit Reservoir	21d	21d	0%	24-Nov-15	22-Dec-15	06-Dec-15	06-Jan-16	8d 3.00h
AJR-SD-1090	Review & Approval of Survey plan (grid points) for Ajja Reservoir	21d	21d	0%	24-Nov-15	22-Dec-15	13-Mar-16	11-Apr-16	76d 3.00h
AJR-SD-1020	Prep. & Sub. Structural Shop drawing for Ajja Reservoir	5d	5d	0%	24-Nov-15	29-Nov-15	19-Apr-16	25-Apr-16	120d 3.00h
MTB-SD-110	Review & Approval of Survey plan (grid points) for Al Mutilla Booster Station	21d	21d	0%	24-Nov-15	22-Dec-15	14-Jul-16	16-Aug-16	152d 1.00h
KFR-SD-280	Prep. & Submit Retaining wall Shopdrawing for Kuferit Reservoir	5d	5d	0%	24-Nov-15	29-Nov-15	17-Sep-16	21-Sep-16	230d 3.00h
AJR-SD-1190	Prep. & Submit Retaining wall Shopdrawing for Ajja Reservoir	5d	5d	0%	24-Nov-15	29-Nov-15	05-Oct-16	10-Oct-16	246d 3.00h
MTB-SD-280	Prep. & Submit Retaining wall Shopdrawing for Al Mutilla Booster Station	5d	5d	0%	24-Nov-15	29-Nov-15	14-Jan-17	18-Jan-17	324d 3.00h
ARR-SD-120	Prep. & Sub. Layout Shop drawing for Arraba Reservoir	5d	5d	0%	25-Nov-15	30-Nov-15	28-Nov-15	03-Dec-15	2d 3.00h
ARR-SD-140	Prep. & Sub. Excavation Plan for Arraba Reservoir	5d	5d	0%	25-Nov-15	30-Nov-15	28-Nov-15	03-Dec-15	2d 3.00h
ARR-SD-160	Prep. & Sub. Structural Shop drawing for Arraba Reservoir	5d	5d	0%	25-Nov-15	30-Nov-15	23-Dec-15	30-Dec-15	24d 3.00h
SWJ-EMS-260	Prep. & Sub. of Power Cable	5d	5d	0%	25-Nov-15	30-Nov-15	02-Jan-16	06-Jan-16	30d
SWJ-EMS-230	Review & Approval of RTU-PLC	21d	21d	0%	25-Nov-15	23-Dec-15	21-Jan-16	18-Feb-16	39d
SWJ-EMS-250	Review & Approval of SCADA system	21d	21d	0%	25-Nov-15	23-Dec-15	21-Jan-16	18-Feb-16	39d
SWJ-EMS-370	Review & Approval of Variable Frequency Drives (VFD)	21d	21d	0%	25-Nov-15	23-Dec-15	21-Jan-16	18-Feb-16	39d
SWJ-EMS-430	Review & Approval of Motor Control Centers (MCC)	21d	21d	0%	25-Nov-15	23-Dec-15	21-Jan-16	18-Feb-16	39d
ARR-SD-280	Prep. & Submit Retaining wall Shopdrawing for Arraba Reservoir	5d	5d	0%	25-Nov-15	30-Nov-15	16-Jan-16	24-Jan-16	42d 3.00h
SMT-SD-1020	Prep. & Sub. Shop drawing for Sanur Junction to Maythaloun Well (from St. SMT 1+000 to St. 3+700) (250mm)	10d	10d	0%	25-Nov-15	06-Dec-15	11-Feb-16	25-Feb-16	63d 1.00h
SMT-SD-1010	Review & Approval of Shop drawing for Sanur Junction to Maythaloun Well (from St. SMT 0+000 to St. 1+000)	21d	21d	0%	25-Nov-15	23-Dec-15	14-Mar-16	12-Apr-16	76d 3.00h
SWJ-MSS-107I	Review & Approval of Welding Procedure	21d	21d	0%	25-Nov-15	23-Dec-15	14-Mar-16	12-Apr-16	76d 3.00h
SWJ-MSS-104I	Prep. & Sub. Repairing Pipe Cement Mortar Lining method Statement	5d	5d	0%	25-Nov-15	30-Nov-15	08-Mar-16	14-Mar-16	83d 3.00h
SWJ-MSS-101I	Review & Approval of Cathode protection Installation Method Statement	21d	21d	0%	25-Nov-15	23-Dec-15	02-Aug-16	04-Sep-16	164d 1.00h
SWJ-TCP-128C	Preparation & Submit Traffic Control Plan for Sanur Junction to Maythaloun Well	5d	5d	0%	25-Nov-15	30-Nov-15	24-Oct-16	29-Oct-16	261d 3.00h
ARR-SD-110	Review & Approval of Survey plan (grid points) for Arraba Reservoir	21d	21d	0%	25-Nov-15	23-Dec-15	19-Jan-17	16-Feb-17	280d 1.00h
AI-1010	Finish of Mobilization	0d	0d	0%		25-Nov-15*		25-Nov-15	0d
SWJ-TCP-120C	Preparation & Submit Traffic Control Plan for Jalqamus Reservoir	5d	5d	0%	26-Nov-15	01-Dec-15	23-Feb-16	29-Feb-16	70d 3.00h
SWJ-TCP-103C	Review & Approval of Traffic Control Plan for Al Mutilla Booster Station	21d	21d	0%	26-Nov-15	27-Dec-15	16-Jan-17	13-Feb-17	276d 1.00h
SWJ-TCP-1190	Review & Approval of Traffic Control Plan for Arraba Reservoir	21d	21d	0%	26-Nov-15	27-Dec-15	17-Jan-17	14-Feb-17	277d 1.00h

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Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
SWJ-COR-101	Coordination with the COGATand DCL to obtain all the necessary approvals inclusive of traffic plans - Area C	45d	45d	0%	26-Nov-15	09-Jan-16	15-Sep-16	29-Oct-16	294d
MTR-SD-250	Review & Approval of Formwork shopdrawing for Al Mutilla Elevated Reservoir	21d	21d	0%	29-Nov-15	28-Dec-15	23-Dec-15	25-Jan-16	18d 3.00h
JLR-SD-1190	Review & Approval of Retaining wall Shopdrawing for Jalqamus Reservoir	21d	21d	0%	29-Nov-15	28-Dec-15	12-Oct-16	09-Nov-16	210d 1.00h
KRR-SD-290	Review & Approval of Retaining wall Shopdrawing for Kafr Rai Reservoir	21d	21d	0%	29-Nov-15	28-Dec-15	12-Oct-16	09-Nov-16	210d 1.00h
SWJ-CMS-116	Review & Approval of Concrete Mix Design	21d	21d	0%	29-Nov-15	28-Dec-15	19-Jan-17	16-Feb-17	278d 1.00h
SWJ-CMS-112	Prep. & Submit Water Stop	7d	7d	0%	29-Nov-15	06-Dec-15	09-Jan-17	18-Jan-17	318d 3.00h
AJR-SD-1030	Review & Approval of Structural Shop drawing for Ajja Reservoir	21d	21d	0%	30-Nov-15	29-Dec-15	05-May-16	05-Jun-16	109d 4.50h
KRR-SD-160	Prep. & Sub. Structural Shop drawing for Kafr Rai Reservoir	5d	5d	0%	30-Nov-15	05-Dec-15	25-Apr-16	03-May-16	120d 3.00h
AJR-SD-1150	Prep. & Submit Formwork shopdrawing for Ajja Reservoir	5d	5d	0%	30-Nov-15	05-Dec-15	16-Jun-16	26-Jun-16	159d 6.00h
KFR-SD-290	Review & Approval of Retaining wall Shopdrawing for Jalqamus Reservoir	21d	21d	0%	30-Nov-15	29-Dec-15	22-Sep-16	20-Oct-16	195d 1.00h
AJR-SD-1195	Review & Approval of Retaining wall Shopdrawing for Ajja Reservoir	21d	21d	0%	30-Nov-15	29-Dec-15	11-Oct-16	08-Nov-16	208d 1.00h
AJR-SD-1040	Prep. & Sub. Mechanical Shop drawing for Ajja Reservoir	9d	9d	0%	30-Nov-15	09-Dec-15	28-Sep-16	08-Oct-16	235d 3.00h
MTB-SD-290	Review & Approval of Retaining wall Shopdrawing for Arraba Reservoir	21d	21d	0%	30-Nov-15	29-Dec-15	19-Jan-17	16-Feb-17	277d 1.00h
ARR-SD-130	Review & Approval of Layout Shop drawing for Arraba Reservoir	21d	21d	0%	01-Dec-15	30-Dec-15	03-Dec-15	05-Jan-16	2d 3.00h
ARR-SD-150	Review & Approval of Excavation Plan for Arraba Reservoir	21d	21d	0%	01-Dec-15	30-Dec-15	03-Dec-15	05-Jan-16	2d 3.00h
ARR-SD-170	Review & Approval of Structural Shop drawing for Arraba Reservoir	21d	21d	0%	01-Dec-15	30-Dec-15	04-Jan-16	02-Feb-16	22d 3.00h
JLR-SD-1060	Prep. & Sub. Structural Shop drawing for Jalqamus Reservoir	5d	5d	0%	01-Dec-15	06-Dec-15	30-Dec-15	06-Jan-16	24d 3.00h
ARR-SD-180	Prep. & Sub. Mechanical Shop drawing for Arraba Reservoir	9d	9d	0%	01-Dec-15	10-Dec-15	06-Jan-16	17-Jan-16	29d 3.00h
SWJ-EMS-140	Prep. & Sub. Cathode protection:High Potential Magnesium Anodes	5d	5d	0%	01-Dec-15	06-Dec-15	07-Jan-16	12-Jan-16	30d
SWJ-EMS-270	Review & Approval of Power Cable	21d	21d	0%	01-Dec-15	30-Dec-15	21-Jan-16	18-Feb-16	35d
SWJ-EMS-280	Prep. & Sub. of Data Cable	5d	5d	0%	01-Dec-15	06-Dec-15	13-Jan-16	18-Jan-16	35d
ARR-SD-290	Review & Approval of Retaining wall Shopdrawing for Arraba Reservoir	21d	21d	0%	01-Dec-15	30-Dec-15	24-Jan-16	22-Feb-16	36d 3.00h
ARR-SD-240	Prep. & Submit Formwork shopdrawing for Arraba Reservoir	5d	5d	0%	01-Dec-15	06-Dec-15	10-Feb-16	16-Feb-16	57d 3.00h
SWJ-MSS-105	Review & Approval of Repairing Pipe Cement Mortar Lining method Statement	21d	21d	0%	01-Dec-15	30-Dec-15	14-Mar-16	12-Apr-16	72d 3.00h
SWJ-TCP-129	Review & Approval of Traffic Control Plan for Sanur Junction to Maythaloun Well	21d	21d	0%	01-Dec-15	30-Dec-15	17-Jan-17	14-Feb-17	274d 1.00h
SWJ-TCP-130	Preparation & Submit Traffic Control Plan for Talfit - Al Mutilla Pipeline (ø 150 mm - (9300) LM)	5d	5d	0%	01-Dec-15	06-Dec-15	17-Nov-16	22-Nov-16	276d 3.00h
SWJ-TCP-121	Review & Approval of Traffic Control Plan for Jalqamus Reservoir	21d	21d	0%	02-Dec-15	03-Jan-16	29-Feb-16	29-Mar-16	61d 3.00h
SWJ-TCP-122	Preparation & Submit Traffic Control Plan for Kuferit Reservoir	5d	5d	0%	02-Dec-15	07-Dec-15	22-Sep-16	27-Sep-16	228d 3.00h
MTR-SD-190	Review & Approval of Mechanical Shop drawing for Al Mutilla Elevated Reservoir	21d	21d	0%	03-Dec-15	04-Jan-16	01-Mar-16	30-Mar-16	61d 3.00h
MTR-SD-200	Prep. & Sub. Electrical shopdarwing for Al Mutilla Elevated Reservoir	9d	9d	0%	03-Dec-15	13-Dec-15	08-Aug-16	17-Aug-16	192d 3.00h
MTR-SD-260	Prep. & Submit Piping Plan for Al Mutilla Elevated Reservoir	5d	5d	0%	03-Dec-15	08-Dec-15	30-Aug-16	04-Sep-16	211d 3.00h
R-SD-1040	Prep. & Sub. of Shop drawing for Access Road to Ajja Reservoir (238 m of two-lane road with shoulder)	10d	10d	0%	05-Dec-15	15-Dec-15	16-Nov-16	27-Nov-16	272d 3.00h
KRR-SD-170	Review & Approval of Structural Shop drawing for Kafr Rai Reservoir	21d	21d	0%	06-Dec-15	05-Jan-16	03-May-16	01-Jun-16	103d 3.00h
KRR-SD-240	Prep. & Submit Formwork shopdrawing for Kafr Rai Reservoir	5d	5d	0%	06-Dec-15	10-Dec-15	07-May-16	12-May-16	123d 1.00h
AJR-SD-1155	Review & Approval of Formwork shopdrawing for Ajja Reservoir	21d	21d	0%	06-Dec-15	05-Jan-16	26-Jun-16	01-Aug-16	136d 1.00h
R-SD-1030	Review & Approval of Shop drawing for Access Road to Kuferit Reservoir (170 m of two-lane road with shoulder)	21d	21d	0%	06-Dec-15	05-Jan-16	29-Sep-16	27-Oct-16	196d 1.00h
MTB-SD-160	Prep. & Sub. Structural Shop drawing for Al Mutilla Booster Station	5d	5d	0%	06-Dec-15	10-Dec-15	29-Aug-16	03-Sep-16	208d 3.00h
MTB-SD-320	Prep. & Submit Shed Design for Al Mutilla Booster Station	20d	20d	0%	06-Dec-15	29-Dec-15	02-Nov-16	26-Nov-16	260d 3.00h
SWJ-PC-SUB-1	Review & Approval of Original CPM Construction Schedule	21d	21d	0%	07-Dec-15	06-Jan-16*	09-Dec-15	10-Jan-16	2d
KFR-SD-160	Prep. & Sub. Structural Shop drawing for Kuferit Reservoir	5d	5d	0%	07-Dec-15	12-Dec-15	06-Jan-16	12-Jan-16	24d 3.00h
SWJ-EMS-160	Prep. & Sub. Cathode protection: Accessories, flanges insulating kit	5d	5d	0%	07-Dec-15	12-Dec-15	13-Jan-16	18-Jan-16	30d
SWJ-EMS-290	Review & Approval of Data Cable	21d	21d	0%	07-Dec-15	06-Jan-16	21-Jan-16	18-Feb-16	31d
SWJ-EMS-150	Review & Approval of Cathode protection: High Potential Magnesium Anodes	21d	21d	0%	07-Dec-15	06-Jan-16	21-Jan-16	18-Feb-16	31d
ARR-SD-250	Review & Approval of Formwork shopdrawing for Arraba Reservoir	21d	21d	0%	07-Dec-15	06-Jan-16	16-Feb-16	16-Mar-16	49d 3.00h
TJT-SD-1000	Prep. & Sub. Shop drawing for Talfit to Jalqamus Force line (from St. TJT 0+000 to St. 2+330) (150mm)	5d	5d	0%	07-Dec-15	12-Dec-15	25-Feb-16	02-Mar-16	63d 1.00h
JLR-SD-1070	Review & Approval of Structural Shop drawing for Jalqamus Reservoir	21d	21d	0%	07-Dec-15	06-Jan-16	17-Mar-16	17-Apr-16	71d 3.00h
SMT-SD-1030	Review & Approval of Shop drawing for Sanur Junction to Maythaloun Well (from St. SMT 1+000 to St. 3+700)	21d	21d	0%	07-Dec-15	06-Jan-16	31-Mar-16	28-Apr-16	81d
JLR-SD-1140	Prep. & Submit Formwork shopdrawing for Jalqamus Reservoir	5d	5d	0%	07-Dec-15	12-Dec-15	21-Apr-16	27-Apr-16	111d 3.00h
SMT-SD-1050	Prep. & Sub. Shop drawing for Sanur Connection Chamber (CHD-103)	10d	10d	0%	07-Dec-15	17-Dec-15	30-Jun-16	17-Jul-16	161d 3.00h
SWJ-TCP-131	Review & Approval of Traffic Control Plan for Talfit - Al Mutilla Pipeline (ø 150 mm - (9300) LM)	21d	21d	0%	07-Dec-15	06-Jan-16	17-Jan-17	14-Feb-17	270d 1.00h
SWJ-CMS-114	Review & Approval of Water Stop	21d	21d	0%	07-Dec-15	06-Jan-16	19-Jan-17	16-Feb-17	272d 1.00h
SWJ-CH-SD-1	Prep. & Sub. Shop drawing for 50mm Washout Chamber on 75mm pipe	3d	3d	0%	08-Dec-15	10-Dec-15	27-Jun-16	03-Jul-16	158d 3.00h
SWJ-TCP-123	Review & Approval of Traffic Control Plan for Kuferit Reservoir	21d	21d	0%	08-Dec-15	07-Jan-16	28-Sep-16	26-Oct-16	193d 1.00h
SWJ-TCP-124	Preparation & Submit Traffic Control Plan for Kafr Rai Reservoir	5d	5d	0%	08-Dec-15	13-Dec-15	02-Jan-17	08-Jan-17	305d 3.00h
MTR-SD-270	Review & Approval of Piping Plan for Al Mutilla Elevated Reservoir	21d	21d	0%	09-Dec-15	10-Jan-16	05-Sep-16	03-Oct-16	175d 1.00h
AJR-SD-1050	Review & Approval of Mechanical Shop drawing for Ajja Reservoir	21d	21d	0%	10-Dec-15	11-Jan-16	08-Nov-16	07-Dec-16	220d 1.00h
AJR-SD-1060	Prep. & Sub. Electrical shopdarwing for Ajja Reservoir	9d	9d	0%	10-Dec-15	20-Dec-15	09-Oct-16	18-Oct-16	235d 3.00h
AJR-SD-1170	Prep. & Submit Piping Plan for Ajja Reservoir	5d	5d	0%	10-Dec-15	15-Dec-15	02-Nov-16	07-Nov-16	256d 3.00h
ARR-SD-200	Prep. & Sub. Electrical shopdarwing for Arraba Reservoir	9d	9d	0%	12-Dec-15	21-Dec-15	03-Nov-16	13-Nov-16	256d 3.00h

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Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
ARR-SD-260	Prep. & Submit Piping Plan for Arraba Reservoir	5d	5d	0%	12-Dec-15	16-Dec-15	06-Dec-16	11-Dec-16	283d 3.00h
SWJ-MMS-103	Review & Approval of Booster Pumps - AL MUTILLA BOOSTER	21d	21d	0%	13-Dec-15	12-Jan-16	13-Dec-15	12-Jan-16	0d
KFR-SD-170	Review & Approval of Structural Shop drawing for Kuferit Reservoir	21d	21d	0%	13-Dec-15	12-Jan-16	12-Jan-16	10-Feb-16	20d 3.00h
ARR-SD-190	Review & Approval of Mechanical Shop drawing for Arraba Reservoir	21d	21d	0%	13-Dec-15	12-Jan-16	17-Jan-16	15-Feb-16	23d 3.00h
SWJ-EMS-320	Prep. & Sub. of Switches	5d	5d	0%	13-Dec-15	17-Dec-15	13-Jan-16	18-Jan-16	25d
SWJ-EMS-340	Prep. & Sub. of Program Logical Controller (PLC) Panel For Booster Station.	5d	5d	0%	13-Dec-15	17-Dec-15	13-Jan-16	18-Jan-16	25d
SWJ-EMS-170	Review & Approval of Cathode protection: Accessories, flanges insulating kit	21d	21d	0%	13-Dec-15	12-Jan-16	21-Jan-16	18-Feb-16	27d
KFR-SD-240	Prep. & Submit Formwork shopdrawing for Kuferit Reservoir	5d	5d	0%	13-Dec-15	17-Dec-15	23-Feb-16	29-Feb-16	56d 3.00h
TJT-SD-1020	Prep. & Sub. Shop drawing for Jalqamus to Um Atut Forceline (from St. TJT 0+000 to St. 1+800) (150mm)	5d	5d	0%	13-Dec-15	17-Dec-15	02-Mar-16	08-Mar-16	63d 1.00h
JLR-SD-1150	Review & Approval of Formwork shopdrawing for Jalqamus Reservoir	21d	21d	0%	13-Dec-15	12-Jan-16	27-Apr-16	30-May-16	96d 3.00h
KRR-SD-250	Review & Approval of Formwork shopdrawing for Kafr Rai Reservoir	21d	21d	0%	13-Dec-15	12-Jan-16	12-May-16	14-Jun-16	105d 1.00h
TJT-SD-1010	Review & Approval of Shop drawing for Talfit to Jalqamus Force line (from St. TJT 0+000 to St. 2+330) (150mm)	21d	21d	0%	13-Dec-15	12-Jan-16	16-May-16	20-Jun-16	107d 3.00h
MTB-SD-170	Review & Approval of Structural Shop drawing for Al Mutilla Booster Station	21d	21d	0%	13-Dec-15	12-Jan-16	04-Sep-16	02-Oct-16	172d 1.00h
SWJ-CH-SD-11	Review & Approval of Shop drawing for 50mm Washout Chamber on 75mm pipe	21d	21d	0%	13-Dec-15	12-Jan-16	17-Oct-16	14-Nov-16	203d 1.00h
A1440	Order, Manufacturing and Delivery of Steel Pipes (250mm, 200mm, 150mm, etc.)	120d	120d	0%	14-Dec-15	11-Apr-16	14-Dec-15	12-Apr-16	0d 3.00h
MTR-SD-210	Review & Approval of Electrical shopdrawing for Al Mutilla Elevated Reservoir	21d	21d	0%	14-Dec-15	13-Jan-16	01-Sep-16	29-Sep-16	170d 1.00h
SWJ-TCP-125C	Review & Approval of Traffic Control Plan for Kafr Rai Reservoir	21d	21d	0%	14-Dec-15	13-Jan-16	17-Jan-17	14-Feb-17	265d 1.00h
SWJ-TCP-126C	Preparation & Submit Traffic Control Plan for Ajja Reservoir	5d	5d	0%	14-Dec-15	19-Dec-15	09-Jan-17	16-Jan-17	305d 3.00h
AJR-SD-1175	Review & Approval of Piping Plan for Ajja Reservoir	21d	21d	0%	16-Dec-15	17-Jan-16	08-Nov-16	07-Dec-16	216d 1.00h
R-SD-1050	Review & Approval of Shop drawing for Access Road to Ajja Reservoir (238 m of two-lane road with shoulder)	21d	21d	0%	16-Dec-15	17-Jan-16	28-Nov-16	27-Dec-16	229d 1.00h
R-SD-1060	Prep. & Sub. of Shop drawing for Access Road to Kufr Rai Reservoir (62 m of two-lane road with shoulder)	10d	10d	0%	16-Dec-15	28-Dec-15	01-Dec-16	12-Dec-16	275d 3.00h
ARR-SD-270	Review & Approval of Piping Plan for Arraba Reservoir	21d	21d	0%	17-Dec-15	18-Jan-16	12-Dec-16	11-Jan-17	238d 1.00h
A1460	Order, Manufacturing and Delivery of Mechanical Valves and fittings	240d	240d	0%	18-Dec-15	13-Aug-16	02-Apr-16	27-Nov-16	106d
TJT-SD-1040	Prep. & Sub. Shop drawing for Um Atut - Al Mutilla Transmission Pipeline (from St. 0+000 to St. 3+400)	5d	5d	0%	19-Dec-15	23-Dec-15	08-Mar-16	14-Mar-16	63d 1.00h
SWJ-CH-SD-12	Prep. & Sub. Shop drawing for 50mm Air Release Valve Chamber on 75mm Pipe	3d	3d	0%	19-Dec-15	21-Dec-15	08-Jun-16	14-Jun-16	139d 1.00h
SWJ-CH-SD-12	Prep. & Sub. Shop drawing for 75mm Washout Chamber on 150mm pipe	3d	3d	0%	19-Dec-15	21-Dec-15	03-Jul-16	10-Jul-16	152d 3.00h
SWJ-CH-SD-11	Prep. & Sub. Shop drawing for 50mm Gate Valve Chamber	15d	15d	0%	19-Dec-15	06-Jan-16	13-Jul-16	30-Jul-16	157d 3.00h
SMT-SD-1070	Prep. & Sub. Shop drawing for Flow Monitoring Chamber at Station 3+620 (M-VCFM) - Sanur Transmission	10d	10d	0%	19-Dec-15	30-Dec-15	18-Jul-16	28-Jul-16	161d 3.00h
SWJ-EMS-330	Review & Approval of Switches	21d	21d	0%	20-Dec-15	19-Jan-16	21-Jan-16	18-Feb-16	22d
SWJ-EMS-350	Review & Approval of Program Logical Controller (PLC) Panel For Booster Station.	21d	21d	0%	20-Dec-15	19-Jan-16	21-Jan-16	18-Feb-16	22d
KFR-SD-250	Review & Approval of Formwork shopdrawing for Kuferit Reservoir	21d	21d	0%	20-Dec-15	19-Jan-16	29-Feb-16	29-Mar-16	49d 3.00h
TJT-SD-1030	Review & Approval of Shop drawing for Jalqamus to Um Atut Forceline (from St. TJT 0+000 to St. 1+800) (150mm)	21d	21d	0%	20-Dec-15	19-Jan-16	09-Jun-16	21-Jul-16	119d 1.00h
SMT-SD-1060	Review & Approval of Shop drawing for Sanur Connection Chamber (CHD-103)	21d	21d	0%	20-Dec-15	19-Jan-16	09-Oct-16	06-Nov-16	192d 1.00h
SWJ-TCP-127C	Review & Approval of Traffic Control Plan for Ajja Reservoir	21d	21d	0%	20-Dec-15	19-Jan-16	17-Jan-17	14-Feb-17	261d 1.00h
E-MTR-1030	Implement Safety and Traffic Plan	2d	2d	0%	21-Dec-15	22-Dec-15	23-Dec-15	27-Dec-15	2d 3.00h
AJR-SD-1070	Review & Approval of Electrical shopdrawing for Ajja Reservoir	21d	21d	0%	21-Dec-15	20-Jan-16	19-Oct-16	17-Nov-16	199d 1.00h
JLR-SD-1020	Prep. & Sub. Layout Shop drawing for Jalqamus Reservoir	5d	5d	0%	22-Dec-15	28-Dec-15	01-Mar-16	07-Mar-16	54d 3.00h
JLR-SD-1040	Prep. & Sub. Excavation Plan for Jalqamus Reservoir	5d	5d	0%	22-Dec-15	28-Dec-15	01-Mar-16	07-Mar-16	54d 3.00h
KRR-SD-120	Prep. & Sub. Layout Shop drawing for Kafr Rai Reservoir	5d	5d	0%	22-Dec-15	28-Dec-15	19-Mar-16	24-Mar-16	69d 3.00h
KRR-SD-140	Prep. & Sub. Excavation Plan for Kafr Rai Reservoir	5d	5d	0%	22-Dec-15	28-Dec-15	19-Mar-16	24-Mar-16	69d 3.00h
SWJ-CH-SD-12	Review & Approval of Shop drawing for 75mm Washout Chamber on 150mm pipe	21d	21d	0%	22-Dec-15	21-Jan-16	18-Jul-16	18-Aug-16	134d 1.00h
SWJ-CH-SD-12	Prep. & Sub. Shop drawing for 75mm Air Release Valve Chamber on 150mm Pipe	3d	3d	0%	22-Dec-15	26-Dec-15	14-Jun-16	19-Jun-16	139d 1.00h
SWJ-CH-SD-12	Prep. & Sub. Shop drawing for 75mm Washout Chamber on 200mm pipe	3d	3d	0%	22-Dec-15	26-Dec-15	11-Jul-16	13-Jul-16	152d 3.00h
MTR-SD-220	Prep. & Submit Coordination Shop drawing for Al Mutilla Elevated Reservoir	5d	5d	0%	22-Dec-15	28-Dec-15	18-Aug-16	23-Aug-16	185d 3.00h
SWJ-CH-SD-12	Review & Approval of Shop drawing for 50mm Air Release Valve Chamber on 75mm Pipe	21d	21d	0%	22-Dec-15	21-Jan-16	13-Oct-16	10-Nov-16	194d 1.00h
ARR-SD-210	Review & Approval of Electrical shopdrawing for Arraba Reservoir	21d	21d	0%	22-Dec-15	21-Jan-16	21-Nov-16	19-Dec-16	220d 1.00h
E-MTR-1040	Demolition, removal, clear and grub site	2d	2d	0%	23-Dec-15	26-Dec-15	27-Dec-15	29-Dec-15	2d 3.00h
E-MTR-1050	Maintain of Traffic Control Plan and Safety measures for Faqqua Elevated Reservoir	259d	259d	0%	23-Dec-15	19-Nov-16	27-Dec-15	21-Nov-16	2d 3.00h
AI-MTR-1050	Start of Al Mutilla Elevated Reservoir	0d	0d	0%	23-Dec-15		30-Dec-15		5d 3.00h
KFR-SD-140	Prep. & Sub. Excavation Plan for Kuferit Reservoir	5d	5d	0%	23-Dec-15	29-Dec-15	06-Jan-16	12-Jan-16	10d 3.00h
KFR-SD-120	Prep. & Sub. Layout Shop drawing for Kuferit Reservoir	5d	5d	0%	23-Dec-15	29-Dec-15	06-Jan-16	12-Jan-16	10d 3.00h
AJR-SD-1120	Prep. & Sub. Excavation Plan for Ajja Reservoir	5d	5d	0%	23-Dec-15	29-Dec-15	11-Apr-16	17-Apr-16	88d 3.00h
MTB-SD-120	Prep. & Sub. Layout Shop drawing for Al Mutilla Booster Station	5d	5d	0%	23-Dec-15	29-Dec-15	17-Aug-16	22-Aug-16	183d 3.00h
MTB-SD-140	Prep. & Sub. Excavation Plan for Al Mutilla Booster Station	5d	5d	0%	23-Dec-15	29-Dec-15	22-Aug-16	27-Aug-16	187d 3.00h
TJT-SD-1060	Prep. & Sub. Shop drawing for Al Mutilla Transmission Pipeline (from St. 0+000 to St. 1+720) (150mm)	5d	5d	0%	26-Dec-15	30-Dec-15	14-Mar-16	20-Mar-16	63d 1.00h
E-MTR-1060	Survey Works	1d	1d	0%	27-Dec-15	27-Dec-15	29-Dec-15	30-Dec-15	2d 3.00h
SWJ-CH-SD-12	Review & Approval of Shop drawing for 75mm Air Release Valve Chamber on 150mm Pipe	21d	21d	0%	27-Dec-15	25-Jan-16	19-Jun-16	27-Jul-16	119d 1.00h
TJT-SD-1050	Review & Approval of Shop drawing for Um Atut - Al Mutilla Transmission Pipeline (from St. 0+000 to St. 3+400)	21d	21d	0%	27-Dec-15	25-Jan-16	10-Jul-16	07-Aug-16	126d 1.00h
SWJ-CH-SD-12	Prep. & Sub. Shop drawing for 100mm Washout Chamber on 250mm pipe	3d	3d	0%	27-Dec-15	29-Dec-15	14-Jul-16	17-Jul-16	152d 3.00h

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Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
SWJ-CH-SD-11	Review & Approval of Shop drawing for 75mm Washout Chamber on 200mm pipe	21d	21d	0%	27-Dec-15	25-Jan-16	01-Nov-16	30-Nov-16	205d 1.00h
SWJ-CH-SD-11	Prep. & Sub. Shop drawing for 75mm Air Release Valve Chamber on 200mm Pipe	3d	3d	0%	27-Dec-15	29-Dec-15	06-Oct-16	09-Oct-16	220d 3.00h
E-MTR-1070	Site Grading & Leveling and Preparation	2d	2d	0%	28-Dec-15	29-Dec-15	30-Dec-15	03-Jan-16	2d 3.00h
JLR-SD-1030	Review & Approval of Layout Shop drawing for Jalqamus Reservoir	21d	21d	0%	29-Dec-15	27-Jan-16	07-Mar-16	05-Apr-16	48d 3.00h
JLR-SD-1050	Review & Approval of Excavation Plan for Jalqamus Reservoir	21d	21d	0%	29-Dec-15	27-Jan-16	07-Mar-16	05-Apr-16	48d 3.00h
KRR-SD-130	Review & Approval of Layout Shop drawing for Kafr Rai Reservoir	21d	21d	0%	29-Dec-15	27-Jan-16	24-Mar-16	24-Apr-16	61d 3.00h
KRR-SD-150	Review & Approval of Excavation Plan for Kafr Rai Reservoir	21d	21d	0%	29-Dec-15	27-Jan-16	24-Mar-16	24-Apr-16	61d 3.00h
MTR-SD-230	Review & Approval of Coordination Shop drawing for Al Mutilla Elevated Reservoir	21d	21d	0%	29-Dec-15	27-Jan-16	24-Aug-16	21-Sep-16	154d 1.00h
KRR-SD-180	Prep. & Sub. Mechanical Shop drawing for Kafr Rai Reservoir	9d	9d	0%	29-Dec-15	09-Jan-16	24-Aug-16	03-Sep-16	185d 3.00h
R-SD-1070	Review & Approval of Shop drawing for Access Road to Kufr Rai Reservoir (62 m of two-lane road with shoulder)	21d	21d	0%	29-Dec-15	27-Jan-16	13-Dec-16	12-Jan-17	232d 1.00h
JLR-SD-1080	Prep. & Sub. Mechanical Shop drawing for Jalqamus Reservoir	9d	9d	0%	29-Dec-15	09-Jan-16	21-Nov-16	30-Nov-16	256d 3.00h
E-MTR-1080	Structural Excavation Work For Foundations & Grade	5d	5d	0%	30-Dec-15	05-Jan-16	03-Jan-16	09-Jan-16	2d 3.00h
KFR-SD-150	Review & Approval of Excavation Plan for Kuferit Reservoir	21d	21d	0%	30-Dec-15	28-Jan-16	12-Jan-16	10-Feb-16	8d 3.00h
KFR-SD-130	Review & Approval of Layout Shop drawing for Kuferit Reservoir	21d	21d	0%	30-Dec-15	28-Jan-16	12-Jan-16	10-Feb-16	8d 3.00h
AJR-SD-1130	Review & Approval of Excavation Plan for Ajja Reservoir	21d	21d	0%	30-Dec-15	28-Jan-16	17-Apr-16	18-May-16	76d 3.00h
SWJ-CH-SD-11	Review & Approval of Shop drawing for 100mm Washout Chamber on 250mm pipe	21d	21d	0%	30-Dec-15	28-Jan-16	18-Jul-16	18-Aug-16	129d 1.00h
MTB-SD-130	Review & Approval of Layout Shop drawing for Al Mutilla Booster Station	21d	21d	0%	30-Dec-15	28-Jan-16	23-Aug-16	20-Sep-16	152d 1.00h
MTB-SD-150	Review & Approval of Excavation Plan for Al Mutilla Booster Station	21d	21d	0%	30-Dec-15	28-Jan-16	28-Aug-16	25-Sep-16	155d 1.00h
MTB-SD-180	Prep. & Sub. Mechanical Shop drawing for Al Mutilla Booster Station	9d	9d	0%	30-Dec-15	10-Jan-16	07-Sep-16	21-Sep-16	196d 3.00h
SWJ-CH-SD-11	Review & Approval of Shop drawing for 75mm Air Release Valve Chamber on 200mm Pipe	21d	21d	0%	30-Dec-15	28-Jan-16	01-Nov-16	30-Nov-16	202d 1.00h
KFR-SD-180	Prep. & Sub. Mechanical Shop drawing for Kuferit Reservoir	9d	9d	0%	30-Dec-15	10-Jan-16	04-Oct-16	13-Oct-16	215d 3.00h
MTB-SD-330	Review & Approval of Shed Design for Al Mutilla Booster Station	21d	21d	0%	30-Dec-15	28-Jan-16	27-Nov-16	26-Dec-16	219d 1.00h
SWJ-CH-SD-11	Prep. & Sub. Shop drawing for 100mm Air Release Valve Chamber on 250mm Pipe	3d	3d	0%	30-Dec-15	03-Jan-16	10-Oct-16	12-Oct-16	220d 3.00h
AJR-SD-1110	Prep. & Submit Coordination Shop drawing for Ajja Reservoir	5d	5d	0%	30-Dec-15	05-Jan-16	26-Oct-16	31-Oct-16	234d 3.00h
E-ARR-1040	Relocation of the existing pipeline and Demolition of existing reservoir	15d	15d	0%	02-Jan-16	18-Jan-16	05-Jan-16	25-Jan-16	3d 3.00h
AI-ARR-1000	Start of Arraba Reservoir	0d	0d	0%	02-Jan-16		25-Jan-16		18d 3.00h
AAT-SD-1000	Prep. & Sub. Shop drawing for Ajja Feeder Pipeline (from St AAT 0+000 to St. 1+290) (200mm)	5d	5d	0%	02-Jan-16	06-Jan-16	20-Mar-16	26-Mar-16	63d 1.00h
SMT-SD-1090	Prep. & Sub. Shop drawing for Inlet Connection Chamber at Station 3+680 (CHD - 105)	10d	10d	0%	02-Jan-16	12-Jan-16	30-Jul-16	09-Aug-16	161d 3.00h
ARR-SD-220	Prep. & Submit Coordination Shop drawing for Arraba Reservoir	5d	5d	0%	02-Jan-16	06-Jan-16	14-Nov-16	20-Nov-16	249d 3.00h
E-ARR-1000	Implement Safety measures and Traffic Control Plan	2d	2d	0%	02-Jan-16	03-Jan-16	15-Feb-17	16-Feb-17	318d 3.00h
TJT-SD-1070	Review & Approval of Shop drawing for Al Mutilla Transmission Pipeline (from St. 0+000 to St. 1+720)	21d	21d	0%	03-Jan-16	31-Jan-16	24-Aug-16	21-Sep-16	152d 1.00h
SMT-SD-1080	Review & Approval of Shop drawing for Flow Monitoring Chamber at Station 3+620 (M-VCFM) - Sanur Transmission	21d	21d	0%	03-Jan-16	31-Jan-16	09-Oct-16	06-Nov-16	184d 1.00h
E-ARR-1010	Maintain of Traffic Control Plan and Safety measures for Arraba Reservoir	264d	264d	0%	04-Jan-16	04-Dec-16	16-Feb-17	16-Feb-17	54d 3.00h
E-JLR-3030	Implement Safety measures and Traffic Control Plan for Jalqamus Reservoir	2d	2d	0%	04-Jan-16	05-Jan-16	29-Mar-16	31-Mar-16	69d 3.00h
SWJ-CH-SD-11	Review & Approval of Shop drawing for 100mm Air Release Valve Chamber on 250mm Pipe	21d	21d	0%	04-Jan-16	01-Feb-16	13-Oct-16	10-Nov-16	187d 1.00h
E-MTR-1085	Soil verification report - Geotechnical report	3d	3d	0%	06-Jan-16	09-Jan-16	09-Jan-16	12-Jan-16	2d 3.00h
E-JLR-3040	Maintain of Traffic Control Plan and Safety measures for Jalqamus Reservoir	258d 3.00h	258d 3.00h	0%	06-Jan-16	29-Nov-16	31-Mar-16	29-Jan-17	45d
E-JLR-1000	Excavation to the required level for Access Road to Jalqamus Reservoir	4d	4d	0%	06-Jan-16	10-Jan-16	31-Mar-16	05-Apr-16	69d 3.00h
AJR-SD-1115	Review & Approval of Coordination Shop drawing for Ajja Reservoir	21d	21d	0%	06-Jan-16	03-Feb-16	01-Nov-16	30-Nov-16	198d 1.00h
E-MTR-5000	Excavation for Foundation & Subgrade layer Compaction	2d	2d	0%	06-Jan-16	07-Jan-16	21-Sep-16	22-Sep-16	199d 3.00h
AI-JLR-1070	Start of Jalqamus Reservoir	0d	0d	0%	06-Jan-16		10-Nov-16		242d 3.00h
AI-1030	Finish of Pre-Construction Submittals	0d	0d	0%		06-Jan-16*		23-Mar-16	62d
AAT-SD-1020	Prep. & Sub. Shop drawing for Ajja Force Line Pipeline (from St. AAT 0+000 to St. 1+080) (200mm)	5d	5d	0%	07-Jan-16	12-Jan-16	26-Mar-16	31-Mar-16	63d 1.00h
SWJ-CH-SD-11	Prep. & Sub. Shop drawing for 75mm Gate Valve Chamber	15d	15d	0%	07-Jan-16	26-Jan-16	31-Jul-16	16-Aug-16	157d 3.00h
AAT-SD-1010	Review & Approval of Shop drawing for Ajja Feeder Pipeline (from St. AAT 0+000 to St. 1+290) (200mm)	21d	21d	0%	07-Jan-16	04-Feb-16	11-Oct-16	08-Nov-16	182d 1.00h
SWJ-CH-SD-11	Review & Approval of Shop drawing for 50mm Gate Valve Chamber	21d	21d	0%	07-Jan-16	04-Feb-16	17-Oct-16	14-Nov-16	186d 1.00h
ARR-SD-230	Review & Approval of Coordination Shop drawing for Arraba Reservoir	21d	21d	0%	07-Jan-16	04-Feb-16	21-Nov-16	19-Dec-16	210d 1.00h
E-MTR-5010	Form/Steel Rebars for Foundation	4d	4d	0%	09-Jan-16	12-Jan-16	24-Sep-16	27-Sep-16	199d 3.00h
E-MTR-5020	Excavation for Foundation & Subgrade layer Compaction	2d	2d	0%	09-Jan-16	10-Jan-16	26-Sep-16	27-Sep-16	201d 3.00h
E-MTR-1090	Furnishing, leveling, and compacting of subgrade layer under footing	3d	3d	0%	10-Jan-16	12-Jan-16	12-Jan-16	16-Jan-16	2d 3.00h
KRR-SD-200	Prep. & Sub. Electrical shopdrawing for Kafr Rai Reservoir	9d	9d	0%	10-Jan-16	21-Jan-16	04-Sep-16	18-Sep-16	185d 3.00h
KRR-SD-190	Review & Approval of Mechanical Shop drawing for Kafr Rai Reservoir	21d	21d	0%	10-Jan-16	07-Feb-16	07-Dec-16	08-Jan-17	221d 1.00h
SWJ-TCP-146C	Preparation & Submit Traffic Control Plan for AL Mughayyir-AL Mutilla Force Line From STA 0+270 to STA:	20d	20d	0%	10-Jan-16	03-Feb-16	30-Oct-16	22-Nov-16	229d 3.00h
JLR-SD-1090	Review & Approval of Mechanical Shop drawing for Jalqamus Reservoir	21d	21d	0%	10-Jan-16	07-Feb-16	19-Jan-17	16-Feb-17	250d 1.00h
JLR-SD-1160	Prep. & Submit Piping Plan for Jalqamus Reservoir	5d	5d	0%	10-Jan-16	14-Jan-16	01-Dec-16	06-Dec-16	256d 3.00h
KRR-SD-260	Prep. & Submit Piping Plan for Kafr Rai Reservoir	5d	5d	0%	10-Jan-16	14-Jan-16	01-Dec-16	06-Dec-16	256d 3.00h
JLR-SD-1100	Prep. & Sub. Electrical shopdrawing for Jalqamus Reservoir	9d	9d	0%	10-Jan-16	21-Jan-16	29-Dec-16	12-Jan-17	277d 3.00h
MTB-SD-190	Review & Approval of Mechanical Shop drawing for Al Mutilla Booster Station	21d	21d	0%	11-Jan-16	08-Feb-16	09-Oct-16	06-Nov-16	178d 1.00h
KFR-SD-190	Review & Approval of Mechanical Shop drawing for Kuferit Reservoir	21d	21d	0%	11-Jan-16	08-Feb-16	31-Oct-16	29-Nov-16	194d 1.00h

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Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
MTB-SD-200	Prep. & Sub. Electrical shopdrawing for Al Mutilla Booster Station	9d	9d	0%	11-Jan-16	23-Jan-16	22-Sep-16	02-Oct-16	196d 3.00h
E-MTR-5030	Excavation for Foundation & Subgrade layer Compaction	2d	2d	0%	11-Jan-16	12-Jan-16	01-Oct-16	02-Oct-16	203d 3.00h
MTB-SD-260	Prep. & Submit Piping Plan for Al Mutilla Booster Station	5d	5d	0%	11-Jan-16	16-Jan-16	03-Oct-16	08-Oct-16	205d 3.00h
KFR-SD-200	Prep. & Sub. Electrical shopdrawing for Kuferit Reservoir	9d	9d	0%	11-Jan-16	23-Jan-16	15-Oct-16	24-Oct-16	215d 3.00h
KFR-SD-260	Prep. & Submit Piping Plan for Kuferit Reservoir	5d	5d	0%	11-Jan-16	16-Jan-16	25-Oct-16	30-Oct-16	224d 3.00h
MTB-SD-300	Prep. & Submit Booster Station SCADA-PLC system for Al Mutilla Booster Station	5d	5d	0%	11-Jan-16	16-Jan-16	29-Oct-16	02-Nov-16	227d 3.00h
E-JLR-1010	Structural Excavation for Retaining Wall from Station 0+070 to Station 0+165	6d	6d	0%	11-Jan-16	17-Jan-16	14-Dec-16	22-Dec-16	266d 3.00h
SWJ-MMS-103	Prep. & Sub. Booster Pumps - AL MUTILLABOOSTER - Second Submission	20d	20d	0%	13-Jan-16	07-Feb-16	13-Jan-16	07-Feb-16	0d
E-MTR-1110	Furnish and install subgrade piping	3d	3d	0%	13-Jan-16	16-Jan-16	16-Jan-16	21-Jan-16	2d 3.00h
YKT-SD-1000	Prep. & Sub. Shop drawing for Yabad - Kuferit Transmission Pipeline (from St. YKT 0+000 to St. 2+300) (150mm)	5d	5d	0%	13-Jan-16	18-Jan-16	31-Mar-16	06-Apr-16	63d 1.00h
SMT-SD-1110	Prep. & Sub. Shop drawing for Meithalun Well Outlet Connection Chamber 150mm (CCH-106)	10d	10d	0%	13-Jan-16	26-Jan-16	10-Aug-16	21-Aug-16	161d 3.00h
SMT-SD-1100	Review & Approval of Shop drawing for Inlet Connection Chamber at Station 3+680 (CHD - 105)	21d	21d	0%	13-Jan-16	10-Feb-16	09-Oct-16	06-Nov-16	176d 1.00h
AAT-SD-1030	Review & Approval of Shop drawing for Ajja Force Line Pipeline (from St. AAT 0+000 to St. 1+080) (200mm)	21d	21d	0%	13-Jan-16	10-Feb-16	23-Oct-16	21-Nov-16	186d 1.00h
E-MTR-5040	Cast Concrete	1d	1d	0%	13-Jan-16	13-Jan-16	28-Sep-16	28-Sep-16	199d 3.00h
E-MTR-5050	Form/Steel Rebars for Foundation	4d	4d	0%	13-Jan-16	17-Jan-16	28-Sep-16	02-Oct-16	199d 3.00h
E-MTR-5070	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	10d	10d	0%	14-Jan-16	27-Jan-16	29-Sep-16	10-Oct-16	199d 3.00h
E-MTR-5060	Concrete Curing & Isolation	7d	7d	0%	14-Jan-16	24-Jan-16	29-Oct-16	05-Nov-16	224d 3.00h
E-MTR-1970	lean concrete under foundation for reservoir	3d	3d	0%	17-Jan-16	21-Jan-16	21-Jan-16	25-Jan-16	2d 3.00h
MTB-SD-270	Review & Approval of Piping Plan for Al Mutilla Booster Station	21d	21d	0%	17-Jan-16	14-Feb-16	09-Oct-16	06-Nov-16	174d 1.00h
KFR-SD-270	Review & Approval of Piping Plan for Kuferit Reservoir	21d	21d	0%	17-Jan-16	14-Feb-16	31-Oct-16	29-Nov-16	190d 1.00h
MTB-SD-310	Review & Approval of Booster Station SCADA-PLC system for Al Mutilla Booster Station	21d	21d	0%	17-Jan-16	14-Feb-16	03-Nov-16	04-Dec-16	193d 1.00h
JLR-SD-1170	Review & Approval of Piping Plan for Jalqamus Reservoir	21d	21d	0%	17-Jan-16	14-Feb-16	07-Dec-16	08-Jan-17	216d 1.00h
KRR-SD-270	Review & Approval of Piping Plan for Kafr Rai Reservoir	21d	21d	0%	17-Jan-16	14-Feb-16	07-Dec-16	08-Jan-17	216d 1.00h
E-MTR-5090	Form/Steel Rebars for Foundation	4d	4d	0%	18-Jan-16	24-Jan-16	03-Oct-16	06-Oct-16	199d 3.00h
E-MTR-5080	Cast Concrete	1d	1d	0%	18-Jan-16	18-Jan-16	05-Oct-16	05-Oct-16	201d 3.00h
E-JLR-1020	Construction of Retaining Wall from Station 0+070 to Station 0+165	21d	21d	0%	18-Jan-16	13-Feb-16	24-Dec-16	22-Jan-17	266d 3.00h
YKT-SD-1010	Review & Approval of Shop drawing for Yabad - Kuferit Transmission Pipeline (from St. YKT 0+000 to St. 2+300) (150mm)	21d	21d	0%	19-Jan-16	16-Feb-16	06-Apr-16	09-May-16	56d 1.00h
A1470	Order, Manufacturing and Delivery of Electrical components and SCADA System	240d	240d	0%	20-Jan-16	15-Sep-16	21-Feb-16	17-Oct-16	32d
E-ARR-1050	Site and access Road Grading and Preparation	7d	7d	0%	21-Jan-16	28-Jan-16	25-Jan-16	02-Feb-16	3d 3.00h
MTN-SD-1000	Prep. & Sub. Shop drawing for Al Mutilla Distribution Network	10d	10d	0%	21-Jan-16	01-Feb-16	28-Aug-16	07-Sep-16	171d 3.00h
E-MTR-5100	Concrete Curing & Isolation	7d	7d	0%	21-Jan-16	28-Jan-16	06-Oct-16	13-Oct-16	201d 3.00h
E-MTR-5110	Form/Steel Rebars for the Retaining Walls with Drain System - Fence Steel Props Installation	5d	5d	0%	21-Jan-16	26-Jan-16	08-Oct-16	12-Oct-16	202d 3.00h
E-MTR-1100	Formwork Works For Foundation & Grade Beams	5d	5d	0%	23-Jan-16	27-Jan-16	25-Jan-16	31-Jan-16	2d 3.00h
KRR-SD-220	Prep. & Submit Coordination Shop drawing for Kafr Rai Reservoir	5d	5d	0%	23-Jan-16	27-Jan-16	19-Sep-16	24-Sep-16	185d 3.00h
JLR-SD-1120	Prep. & Submit Coordination Shop drawing for Jalqamus Reservoir	5d	5d	0%	23-Jan-16	27-Jan-16	14-Jan-17	18-Jan-17	277d 3.00h
KRR-SD-210	Review & Approval of Electrical shopdrawing for Kafr Rai Reservoir	21d	21d	0%	24-Jan-16	21-Feb-16	19-Oct-16	17-Nov-16	177d 1.00h
KFR-SD-210	Review & Approval of Electrical shopdrawing for Kuferit Reservoir	21d	21d	0%	24-Jan-16	21-Feb-16	03-Nov-16	04-Dec-16	188d 1.00h
MTB-SD-210	Review & Approval of Electrical shopdrawing for Al Mutilla Booster Station	21d	21d	0%	24-Jan-16	21-Feb-16	03-Nov-16	04-Dec-16	188d 1.00h
MTB-SD-220	Prep. & Submit Coordination Shop drawing for Al Mutilla Booster Station	5d	5d	0%	24-Jan-16	28-Jan-16	03-Oct-16	08-Oct-16	196d 3.00h
KFR-SD-220	Prep. & Submit Coordination Shop drawing for Kuferit Reservoir	5d	5d	0%	24-Jan-16	28-Jan-16	25-Oct-16	30-Oct-16	215d 3.00h
JLR-SD-1110	Review & Approval of Electrical shopdrawing for Jalqamus Reservoir	21d	21d	0%	24-Jan-16	21-Feb-16	19-Jan-17	16-Feb-17	240d 1.00h
E-MTR-1120	Reinforcement Works For Foundation & Ground Beams	6d	6d	0%	25-Jan-16	31-Jan-16	27-Jan-16	03-Feb-16	2d 3.00h
E-MTR-5120	Cast Concrete	1d	1d	0%	25-Jan-16	25-Jan-16	08-Oct-16	08-Oct-16	199d 3.00h
E-MTR-5130	Concrete Curing & Isolation	7d	7d	0%	26-Jan-16	02-Feb-16	09-Oct-16	16-Oct-16	199d 3.00h
E-MTR-5140	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	5d	5d	0%	26-Jan-16	31-Jan-16	10-Oct-16	15-Oct-16	200d 3.00h
SWJ-CH-SD-11	Prep. & Sub. Shop drawing for 150mm Gate Valve Chamber	15d	15d	0%	27-Jan-16	13-Feb-16	17-Aug-16	03-Sep-16	157d 3.00h
SMT-SD-1130	Prep. & Sub. Shop drawing for Meithalun Well Outlet Connection Chamber 250mm (CCH-106)	10d	10d	0%	27-Jan-16	07-Feb-16	22-Aug-16	01-Sep-16	161d 3.00h
SMT-SD-1120	Review & Approval of Shop drawing for Meithalun Well Outlet Connection Chamber 150mm (CCH-106)	21d	21d	0%	27-Jan-16	24-Feb-16	09-Oct-16	06-Nov-16	166d 1.00h
SWJ-CH-SD-11	Review & Approval of Shop drawing for 75mm Gate Valve Chamber	21d	21d	0%	27-Jan-16	24-Feb-16	17-Oct-16	14-Nov-16	172d 1.00h
E-MTR-5150	Cast Reinforced Concrete for the Retaining Wall	1d	1d	0%	27-Jan-16	27-Jan-16	13-Oct-16	13-Oct-16	202d 3.00h
E-KFR-2000	Implement Safety measures and Traffic Control Plan	2d	2d	0%	27-Jan-16	28-Jan-16	27-Oct-16	29-Oct-16	214d 3.00h
E-KRR-1720	Implement Safety measures and Traffic Control Plan for Kafr Rai Reservoir	2d	2d	0%	27-Jan-16	28-Jan-16	15-Feb-17	16-Feb-17	298d 3.00h
E-JLR-1175	Demolition of existing Facilities, Site Cleaning & Grubbing	10d	10d	0%	28-Jan-16	08-Feb-16	05-Apr-16	17-Apr-16	56d 3.00h
E-KRR-1710	Demolition, removal, clear and grub site	5d	5d	0%	28-Jan-16	02-Feb-16	24-Apr-16	30-Apr-16	72d 3.00h
KRR-SD-230	Review & Approval of Coordination Shop drawing for Kafr Rai Reservoir	21d	21d	0%	28-Jan-16	25-Feb-16	25-Sep-16	23-Oct-16	155d 1.00h
E-MTR-5160	Cast Reinforced Concrete for the Retaining Wall	1d	1d	0%	28-Jan-16	28-Jan-16	11-Oct-16	11-Oct-16	199d 3.00h
AI-KRR-1110	Start of Kafr Rai Reservoir	0d	0d	0%	28-Jan-16		10-Nov-16		225d 3.00h
JLR-SD-1130	Review & Approval of Coordination Shop drawing for Jalqamus Reservoir	21d	21d	0%	28-Jan-16	25-Feb-16	19-Jan-17	16-Feb-17	236d 1.00h
E-ARR-1060	Excavation for the base slab of the Reservoir and subgrade layer	8d	8d	0%	30-Jan-16	07-Feb-16	02-Feb-16	11-Feb-16	3d 3.00h
E-KFR-2015	Demolition, removal, clear and grub site, Site Grading and Preparation	5d	5d	0%	30-Jan-16	03-Feb-16	10-Feb-16	16-Feb-16	10d 3.00h
E-KRR-1730	Maintain of Traffic Control Plan and Safety measures for Kafr Rai Reservoir	275d	275d	0%	30-Jan-16	17-Jan-17	29-Jan-17	29-Jan-17	10d 3.00h

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Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
AI-KFR-1070	Start of Kuferit Reservoir	0d	0d	0%	30-Jan-16		16-Feb-16		15d 3.00h
E-KFR-2010	Maintain of Traffic Control Plan and Safety measures for Kuferit Reservoir	218d 3.00h	218d 3.00h	0%	30-Jan-16	02-Nov-16	30-Oct-16	29-Jan-17	67d
E-AJR-1410	Demolition, removal, clear and grub site	15d	15d	0%	30-Jan-16	15-Feb-16	18-May-16	05-Jun-16	90d 3.00h
AI-AJR-1090	Start of Ajja Reservoir	0d	0d	0%	30-Jan-16		05-Jun-16		105d 3.00h
E-MTR-5180	Deshuttering & Curing	7d	7d	0%	30-Jan-16	06-Feb-16	12-Oct-16	19-Oct-16	199d 3.00h
E-MTR-5170	Deshuttering & Curing For Walls	7d	7d	0%	30-Jan-16	06-Feb-16	15-Oct-16	22-Oct-16	201d 3.00h
E-AJR-1670	Implement Safety measures and Traffic Control Plan for Kafr Rai Reservoir	2d	2d	0%	30-Jan-16	31-Jan-16	15-Feb-17	16-Feb-17	296d 3.00h
MTB-SD-230	Review & Approval of Coordination Shop drawing for Al Mutilla Booster Station	21d	21d	0%	31-Jan-16	28-Feb-16	09-Oct-16	06-Nov-16	164d 1.00h
KFR-SD-230	Review & Approval of Coordination Shop drawing for Kuferit Reservoir	21d	21d	0%	31-Jan-16	28-Feb-16	31-Oct-16	29-Nov-16	180d 1.00h
E-MTR-1140	Earthing	3d	3d	0%	01-Feb-16	03-Feb-16	03-Feb-16	07-Feb-16	2d 3.00h
E-AJR-1680	Maintain of Traffic Control Plan and Safety measures for Kafr Rai Reservoir	280d	280d	0%	01-Feb-16	25-Jan-17	29-Jan-17	29-Jan-17	3d 3.00h
E-MTR-5190	Cast Reinforced Concrete for the Retaining Wall	1d	1d	0%	01-Feb-16	01-Feb-16	16-Oct-16	16-Oct-16	200d 3.00h
MTN-SD-1010	Review & Approval of Shop drawing for Al Mutilla Distribution Network	21d	21d	0%	02-Feb-16	01-Mar-16	08-Sep-16	06-Oct-16	141d 1.00h
E-KRR-1810	Site and access Road Grading and Preparation	3d	3d	0%	03-Feb-16	06-Feb-16	30-Apr-16	05-May-16	72d 3.00h
E-MTR-5200	Deshuttering & Curing For Wall	7d	7d	0%	03-Feb-16	10-Feb-16	17-Oct-16	24-Oct-16	199d 3.00h
E-MTR-1130	Cast-in-Place Concrete For Footings	1d	1d	0%	04-Feb-16	04-Feb-16	07-Feb-16	08-Feb-16	2d 3.00h
E-KFR-2016	Excavation to the Required Depth for the Base slab	8d	8d	0%	04-Feb-16	13-Feb-16	16-Feb-16	28-Feb-16	10d 3.00h
SWJ-TCP-147C	Review & Approval of Traffic Control Plan for AL Mughayyir-AL Mutilla Force Line From STA 0+270 to STA: 1+430.	21d	21d	0%	04-Feb-16	03-Mar-16	17-Jan-17	14-Feb-17	229d 1.00h
SWJ-TCP-144C	Preparation & Submit Traffic Control Plan for Yabad-Kuferit Pipeline (Area C) From STA: 0+000 to STA: 0+640	20d	20d	0%	04-Feb-16	29-Feb-16	23-Nov-16	18-Dec-16	229d 3.00h
SWJ-TCP-132C	Preparation & Submit Traffic Control Plan for Yabad-Kuferit Pipeline (Area A and B)	5d	5d	0%	04-Feb-16	09-Feb-16	11-Dec-16	18-Dec-16	244d 3.00h
SWJ-TCP-148C	Preparation & Submit Traffic Control Plan for Zone 4, Location 8, 9 and 10 (Area C)	20d	20d	0%	04-Feb-16	29-Feb-16	19-Dec-16	16-Jan-17	249d 3.00h
E-MTR-1150	Deshuturing of Foundation & Grade Beams	2d	2d	0%	06-Feb-16	07-Feb-16	08-Feb-16	10-Feb-16	2d 3.00h
E-KRR-1820	Excavation for the base slab of the Reservoir & Inlet Outlet Chamber	8d	8d	0%	07-Feb-16	15-Feb-16	05-May-16	15-May-16	72d 3.00h
E-MTR-5210	Furnish and install filter fabric and Base Course 150mm	2d	2d	0%	07-Feb-16	08-Feb-16	20-Oct-16	22-Oct-16	199d 3.00h
SWJ-MMS-103	Review & Approval of Booster Pumps - AL MUTILLA BOOSTER - Second Submission	21d	21d	0%	08-Feb-16	07-Mar-16	08-Feb-16	07-Mar-16	0d
E-MTR-1160	Insulation of Footings	2d	2d	0%	08-Feb-16	09-Feb-16	10-Feb-16	13-Feb-16	2d 3.00h
E-ARR-1065	Soil verification report - Geotechnical report	3d	3d	0%	08-Feb-16	10-Feb-16	11-Feb-16	15-Feb-16	3d 3.00h
SMT-SD-1140	Review & Approval of Shop drawing for Meithalun Well Outlet Connection Chamber 250mm (CCH-106)	21d	21d	0%	08-Feb-16	07-Mar-16	09-Oct-16	06-Nov-16	158d 1.00h
TJT-SD-1080	Prep. & Sub. Shop drawing for AAU Connection Chamber at Station 0+620 (CHD-155)	5d	5d	0%	08-Feb-16	13-Feb-16	03-Sep-16	07-Sep-16	161d 3.00h
E-JLR-1180	Site Grading and Preparation	3d	3d	0%	09-Feb-16	11-Feb-16	17-Apr-16	20-Apr-16	56d 3.00h
E-MTR-5220	Furnish and install filter fabric and Base Course 150mm	2d	2d	0%	09-Feb-16	10-Feb-16	23-Oct-16	24-Oct-16	199d 3.00h
E-MTR-1170	Furnish and install base course (200mm in depth) under Slab On Grade	5d	5d	0%	10-Feb-16	15-Feb-16	13-Feb-16	18-Feb-16	2d 3.00h
SWJ-TCP-133C	Review & Approval of Traffic Control Plan for Yabad-Kuferit Pipeline (Area A and B)	21d	21d	0%	10-Feb-16	09-Mar-16	17-Jan-17	14-Feb-17	225d 1.00h
E-ARR-1070	Digging of Inlet Outlet chamber (S-RVV01)	4d	4d	0%	11-Feb-16	15-Feb-16	15-Feb-16	22-Feb-16	3d 3.00h
E-MTR-5230	Furnish and install filter fabric and Base Course 150mm	2d	2d	0%	11-Feb-16	13-Feb-16	25-Oct-16	26-Oct-16	199d 3.00h
E-JLR-1055	Excavation for Foundation & Subgrade layer Compaction	4d	4d	0%	11-Feb-16	15-Feb-16	10-Nov-16	14-Nov-16	213d 3.00h
E-JLR-1310	Structural Excavation for the base slab of the Reservoir & Inlet Outlet Chamber and Subgrade layer	5d	5d	0%	13-Feb-16	17-Feb-16	20-Apr-16	26-Apr-16	56d 3.00h
E-KFR-2020	Soil verification report - Geotechnical report	3d	3d	0%	14-Feb-16	16-Feb-16	28-Feb-16	02-Mar-16	10d 3.00h
TJT-SD-1090	Review & Approval of Shop drawing for AAU Connection Chamber at Station 0+620 (CHD-155)	21d	21d	0%	14-Feb-16	13-Mar-16	09-Oct-16	06-Nov-16	154d 1.00h
SWJ-CH-SD-12	Prep. & Sub. Shop drawing for 200mm Gate Valve Chamber	15d	15d	0%	14-Feb-16	03-Mar-16	04-Sep-16	25-Sep-16	157d 3.00h
SWJ-CH-SD-11	Review & Approval of Shop drawing for 150mm Gate Valve Chamber	21d	21d	0%	14-Feb-16	13-Mar-16	13-Oct-16	10-Nov-16	158d 1.00h
TJT-SD-1100	Prep. & Sub. Shop drawing for Tanin Connection Chamber at station 1+030	5d	5d	0%	14-Feb-16	18-Feb-16	08-Sep-16	18-Sep-16	161d 3.00h
E-MTR-1180	Reinforcing of Slab On Grade	2d	2d	0%	16-Feb-16	17-Feb-16	18-Feb-16	23-Feb-16	2d 3.00h
E-ARR-1080	Excavation for Retaining and Boundary walls	6d	6d	0%	16-Feb-16	24-Feb-16	22-Feb-16	29-Feb-16	3d 3.00h
E-ARR-1090	Excavation for piping system (Perforated, Outlet & Washout)	4d	4d	0%	16-Feb-16	22-Feb-16	24-Feb-16	29-Feb-16	5d 3.00h
E-KRR-1830	Digging of Inlet Outlet chamber (S-RVV01)	4d	4d	0%	16-Feb-16	22-Feb-16	15-May-16	19-May-16	72d 3.00h
E-KRR-1825	Soil verification report - Geotechnical report	3d	3d	0%	16-Feb-16	18-Feb-16	16-May-16	19-May-16	73d 3.00h
E-AJR-1420	Site Grading and Preparation	12d	12d	0%	16-Feb-16	02-Mar-16	05-Jun-16	27-Jun-16	90d 3.00h
E-JLR-1060	Form/Steel Rebars for Foundation	8d	8d	0%	16-Feb-16	27-Feb-16	16-Nov-16	24-Nov-16	213d 3.00h
E-JLR-1070	Excavation for Foundation & Subgrade layer Compaction	4d	4d	0%	16-Feb-16	22-Feb-16	21-Nov-16	24-Nov-16	217d 3.00h
E-KFR-2025	Furnishing, leveling, and compacting of subgrade layer	8d	8d	0%	17-Feb-16	28-Feb-16	02-Mar-16	12-Mar-16	10d 3.00h
SWJ-CH-SD-1C	Prep. & Sub. Shop drawing for Monitoring Chamber (1) as per detail M-VCFM	15d	15d	0%	17-Feb-16	07-Mar-16	09-May-16	26-May-16	66d 1.00h
E-MTR-1190	Cast-in-place concrete For Slab On Grade	1d	1d	0%	18-Feb-16	18-Feb-16	23-Feb-16	24-Feb-16	2d 3.00h
E-JLR-1315	Soil verification report - Geotechnical report	5d	5d	0%	18-Feb-16	25-Feb-16	26-Apr-16	04-May-16	56d 3.00h
TJT-SD-1110	Review & Approval of Shop drawing for Tanin Connection Chamber at station 1+030	21d	21d	0%	21-Feb-16	20-Mar-16	13-Oct-16	10-Nov-16	153d 1.00h
E-MTR-1210	Reinforcing of 1st Level Columns	4d	4d	0%	22-Feb-16	25-Feb-16	24-Feb-16	29-Feb-16	2d 3.00h
E-MTR-1200	Scaffolding Works For First Level	3d	3d	0%	22-Feb-16	24-Feb-16	21-Mar-16	24-Mar-16	24d 3.00h
TJT-SD-1120	Prep. & Sub. Shop drawing for Jalqamous Connection Chamber (CHD-171)	5d	5d	0%	22-Feb-16	27-Feb-16	19-Sep-16	24-Sep-16	161d 3.00h
E-MTR-1220	Excavation for Ground Beam around Yard for Fence	1d	1d	0%	22-Feb-16	22-Feb-16	01-Oct-16	01-Oct-16	171d 3.00h
E-ARR-1360	Pipe Encasement - RC where needed	2d	2d	0%	23-Feb-16	24-Feb-16	14-Mar-16	16-Mar-16	17d 3.00h
E-KRR-1840	Excavation for piping system and Furnishing, leveling, and compacting of subgrade layer	4d	4d	0%	23-Feb-16	27-Feb-16	19-May-16	24-May-16	72d 3.00h
E-MTR-1240	Furnish and installation of duct banks, Cables & Electrical Utility power supply	5d	5d	0%	23-Feb-16	28-Feb-16	02-Oct-16	06-Oct-16	171d 3.00h
E-MTR-1230	Blinding Concret under Ground Beam for Fence	1d	1d	0%	23-Feb-16	23-Feb-16	10-Oct-16	10-Oct-16	178d 3.00h
E-JLR-1080	Excavation for Foundation & Subgrade layer Compaction	4d	4d	0%	23-Feb-16	27-Feb-16	30-Nov-16	04-Dec-16	221d 3.00h

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Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
E-MTR-1260	Reinforcing of Ground Beam for Fence	3d	3d	0%	24-Feb-16	27-Feb-16	11-Oct-16	13-Oct-16	178d 3.00h
E-ARR-1100	Furnish and install base course (150mm in depth) under base slab	6d	6d	0%	25-Feb-16	02-Mar-16	29-Feb-16	07-Mar-16	3d 3.00h
E-ARR-1120	Construct retaining walls - North side	21d	21d	0%	25-Feb-16	20-Mar-16	19-Nov-16	12-Dec-16	209d 3.00h
E-MTR-1250	Formwork for 1st Level Columns	2d	2d	0%	27-Feb-16	28-Feb-16	29-Feb-16	02-Mar-16	2d 3.00h
E-JLR-1350	Digging of Inlet Outlet chamber (S-RVV01)	3d	3d	0%	27-Feb-16	29-Feb-16	04-May-16	08-May-16	56d 3.00h
E-KRR-1860	ResFurnish and install base course (150mm in depth) under base slab	2d	2d	0%	28-Feb-16	29-Feb-16	24-May-16	26-May-16	72d 3.00h
E-KRR-1850	Pipe Encasement - RC where needed	2d	2d	0%	28-Feb-16	29-Feb-16	02-Jun-16	05-Jun-16	80d 3.00h
TJT-SD-1130	Review & Approval of Shop drawing for Jalqamous Connection Chamber (CHD-171)	21d	21d	0%	28-Feb-16	27-Mar-16	09-Oct-16	06-Nov-16	144d 1.00h
TJT-SD-1140	Prep. & Sub. Shop drawing for Umatut Connection Chamber (CHD-173)	5d	5d	0%	28-Feb-16	03-Mar-16	25-Sep-16	29-Sep-16	161d 3.00h
E-JLR-1100	Form/Steel Rebars for Foundation	8d	8d	0%	28-Feb-16	07-Mar-16	26-Nov-16	04-Dec-16	213d 3.00h
E-JLR-1110	Excavation for Foundation & Subgrade layer Compaction	4d	4d	0%	28-Feb-16	02-Mar-16	10-Dec-16	13-Dec-16	225d 3.00h
E-JLR-1090	Cast Concrete for foundation	1d	1d	0%	28-Feb-16	28-Feb-16	19-Dec-16	19-Dec-16	231d 3.00h
E-MTR-1270	Cast-in-place concrete for 1st Level Columns	1d	1d	0%	29-Feb-16	29-Feb-16	02-Mar-16	03-Mar-16	2d 3.00h
E-KFR-2030	Supply and Spread 150mm B/C Layers With Compaction Test & under ground Piping & Perforated Pipes	6d	6d	0%	29-Feb-16	06-Mar-16	12-Mar-16	19-Mar-16	10d 3.00h
E-MTR-1280	Electrical Manhole	2d	2d	0%	29-Feb-16	01-Mar-16	08-Oct-16	09-Oct-16	171d 3.00h
E-JLR-1130	Form/Steel Rebars for the Retaining Walls with Drain System - Fence Steel Props Installation	14d	14d	0%	29-Feb-16	15-Mar-16	20-Dec-16	08-Jan-17	231d 3.00h
E-JLR-1120	Concrete Curing & Isolation	7d	7d	0%	29-Feb-16	07-Mar-16	29-Jan-17	08-Feb-17	260d 3.00h
E-JLR-1370	Excavation, Furnish and install subgrade piping system (Perforated, Outlet & Washout)	3d	3d	0%	01-Mar-16	03-Mar-16	08-May-16	11-May-16	56d 3.00h
SWJ-TCP-145C	Review & Approval of Traffic Control Plan for Yabad-Kuferit Pipeline (Area C) From STA: 0+000 to STA: 0+640	21d	21d	0%	01-Mar-16	29-Mar-16	17-Jan-17	14-Feb-17	211d 1.00h
SWJ-TCP-149C	Review & Approval of Traffic Control Plan for Zone 4, Location 8, 9 and 10 (Area C)	21d	21d	0%	01-Mar-16	29-Mar-16	17-Jan-17	14-Feb-17	211d 1.00h
SWJ-TCP-142C	Preparation & Submit Traffic Control Plan for Anza-Ajja (Area C) From STA: 0+270 to STA: 1+104	20d	20d	0%	01-Mar-16	23-Mar-16	19-Dec-16	16-Jan-17	229d 3.00h
SWJ-TCP-134C	Preparation & Submit Traffic Control Plan for Anza-Ajja (Area A and B)	5d	5d	0%	01-Mar-16	06-Mar-16	09-Jan-17	16-Jan-17	244d 3.00h
E-MTR-1300	Installation of RTU, RTU Panel and breaker Panel, electrical conduit and wire complete for RTU	7d	7d	0%	02-Mar-16	09-Mar-16	10-Oct-16	17-Oct-16	171d 3.00h
E-MTR-1320	Formwork For Ground Beam for Fence	3d	3d	0%	02-Mar-16	05-Mar-16	18-Oct-16	20-Oct-16	178d 3.00h
E-ARR-1130	Construction of Lean Concrete under Reservoir	5d	5d	0%	03-Mar-16	08-Mar-16	07-Mar-16	13-Mar-16	3d 3.00h
E-AJR-1430	Excavation for the base slab of the Reservoir & Inlet Outlet Chamber	8d	8d	0%	03-Mar-16	12-Mar-16	27-Jun-16	12-Jul-16	90d 3.00h
E-MTR-1290	De-shuttering of 1st Level Columns	1d	1d	0%	05-Mar-16	05-Mar-16	07-Mar-16	08-Mar-16	2d 3.00h
E-JLR-1420	Furnish and install base course (150mm in depth) under base slab	4d	4d	0%	05-Mar-16	08-Mar-16	11-May-16	16-May-16	56d 3.00h
E-JLR-1410	Pipe Encasement - RC where needed	2d	2d	0%	05-Mar-16	06-Mar-16	28-May-16	30-May-16	70d 3.00h
SWJ-CH-SD-12	Prep. & Sub. Shop drawing for 250mm Gate Valve Chamber	15d	15d	0%	05-Mar-16	21-Mar-16	26-Sep-16	12-Oct-16	157d 3.00h
TJT-SD-1160	Prep. & Sub. Shop drawing for Al Mughayyir Connection Chamber (CHD-191)	5d	5d	0%	05-Mar-16	09-Mar-16	01-Oct-16	05-Oct-16	161d 3.00h
E-MTR-1310	Formwork for Intermediate Beams & Stairs 1st Level	5d	5d	0%	06-Mar-16	10-Mar-16	08-Mar-16	14-Mar-16	2d 3.00h
TJT-SD-1150	Review & Approval of Shop drawing for Umatut Connection Chamber (CHD-173)	21d	21d	0%	06-Mar-16	03-Apr-16	09-Oct-16	06-Nov-16	139d 1.00h
SWJ-CH-SD-12	Review & Approval of Shop drawing for 200mm Gate Valve Chamber	21d	21d	0%	06-Mar-16	03-Apr-16	01-Nov-16	30-Nov-16	156d 1.00h
E-MTR-1340	Cast-in-place concrete for Ground Beam for Fence	1d	1d	0%	06-Mar-16	06-Mar-16	22-Oct-16	22-Oct-16	178d 3.00h
E-KFR-2026	Furnish and install subgrade piping (Washout drainage pipe and other pipes)	8d	8d	0%	07-Mar-16	15-Mar-16	19-Mar-16	28-Mar-16	10d 3.00h
SWJ-TCP-135C	Review & Approval of Traffic Control Plan for Anza-Ajja (Area A and B)	21d	21d	0%	07-Mar-16	04-Apr-16	17-Jan-17	14-Feb-17	207d 1.00h
A1450	Order, Manufacturing and Delivery of Booster Pump	223d	223d	0%	08-Mar-16	16-Oct-16	08-Mar-16	16-Oct-16	0d
SWJ-CH-SD-1C	Review & Approval of Shop drawing for Monitoring Chamber (1) as per detail M-VCFM	21d	21d	0%	08-Mar-16	05-Apr-16	26-May-16	10-Jul-16	55d 1.00h
SWJ-CH-SD-1C	Prep. & Sub. Shop drawing for Monitoring Chamber (1) with Main Pipeline from Qabatiya Well	15d	15d	0%	08-Mar-16	24-Mar-16	23-Aug-16	08-Sep-16	129d 3.00h
E-JLR-1150	Form/Steel Rebars for Foundation	8d	8d	0%	08-Mar-16	16-Mar-16	05-Dec-16	13-Dec-16	213d 3.00h
E-JLR-1140	Cast Concrete for foundation	1d	1d	0%	08-Mar-16	08-Mar-16	21-Dec-16	21-Dec-16	225d 3.00h
E-ARR-1110	Installation of perforated pipes	3d	3d	0%	09-Mar-16	12-Mar-16	13-Mar-16	16-Mar-16	3d 3.00h
E-JLR-1430	Construction of Lean Concrete under Reservoir	5d	5d	0%	09-Mar-16	14-Mar-16	16-May-16	22-May-16	56d 3.00h
E-JLR-1170	Form/Steel Rebars for the Retaining Walls with Drain System - Fence Steel Props Installation	14d	14d	0%	09-Mar-16	24-Mar-16	22-Dec-16	12-Jan-17	225d 3.00h
E-JLR-1160	Concrete Curing & Isolation	7d	7d	0%	09-Mar-16	16-Mar-16	03-Jan-17	14-Jan-17	233d 3.00h
TJT-SD-1170	Review & Approval of Shop drawing for Al Mughayyir Connection Chamber (CHD-191)	21d	21d	0%	10-Mar-16	07-Apr-16	09-Oct-16	06-Nov-16	135d 1.00h
YKT-SD-1020	Prep. & Sub. Shop drawing for Connection Chamber at station 0+618 on 150mm pipe (CHF-122)	3d	3d	0%	10-Mar-16	13-Mar-16	06-Oct-16	09-Oct-16	161d 3.00h
E-MTR-1370	De-shuttering of Ground Beam	1d	1d	0%	10-Mar-16	10-Mar-16	26-Oct-16	26-Oct-16	178d 3.00h
E-MTR-1350	Site Lighting	2d	2d	0%	10-Mar-16	12-Mar-16	20-Nov-16	21-Nov-16	198d 3.00h
E-MTR-1330	Reinforcing of intermediate Beams & Stairs 1st Level	3d	3d	0%	12-Mar-16	14-Mar-16	14-Mar-16	17-Mar-16	2d 3.00h
E-MTR-1390	200 mm thick granular base course and Concrete Sidewalk as per Detail C-416	14d	14d	0%	12-Mar-16	27-Mar-16	27-Oct-16	12-Nov-16	178d 3.00h
E-MTR-1380	Installation of Steel Boundary Fence	5d	5d	0%	12-Mar-16	16-Mar-16	16-Nov-16	21-Nov-16	194d 3.00h
E-ARR-1140	Reservoir base slab - Formwork	7d	7d	0%	13-Mar-16	20-Mar-16	16-Mar-16	24-Mar-16	3d 3.00h
E-AJR-1550	Digging of Inlet Outlet chamber (S-RVV01)	4d	4d	0%	13-Mar-16	16-Mar-16	13-Jul-16	17-Jul-16	90d 3.00h
E-AJR-1435	Soil verification report - Geotechnical report	3d	3d	0%	13-Mar-16	15-Mar-16	14-Jul-16	17-Jul-16	91d 3.00h
YKT-SD-1030	Review & Approval of Shop drawing for Connection Chamber at station 0+618 on 150mm pipe (CHF-122)	21d	21d	0%	14-Mar-16	11-Apr-16	01-Nov-16	30-Nov-16	150d 1.00h
YKT-SD-1040	Prep. & Sub. Shop drawing for Future Connection to Kufiret Well (150mm Gate Valve at Station 1+220)	3d	3d	0%	14-Mar-16	16-Mar-16	10-Oct-16	12-Oct-16	161d 3.00h
E-MTR-1360	Cast-in-place concrete for intermediate Beams & Stairs 1st Level	1d	1d	0%	15-Mar-16	15-Mar-16	17-Mar-16	19-Mar-16	2d 3.00h
E-JLR-1460	Installation of perforated pipes	2d	2d	0%	15-Mar-16	16-Mar-16	22-May-16	24-May-16	56d 3.00h
E-KFR-2040	Casting Lean Concrete Under reservoir	1d	1d	0%	16-Mar-16	16-Mar-16	28-Mar-16	29-Mar-16	10d 3.00h
E-JLR-1190	Cast Reinforced Concrete for the Retaining Wall	1d	1d	0%	16-Mar-16	16-Mar-16	09-Jan-17	09-Jan-17	231d 3.00h
E-KFR-2050	Concrete Curing	7d	7d	0%	17-Mar-16	24-Mar-16	29-Mar-16	06-Apr-16	10d 3.00h

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Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
E-KFR-2060	Form/Steel Rebars for Base Slab and Installing Water Stop	7d	7d	0%	17-Mar-16	24-Mar-16	29-Mar-16	06-Apr-16	10d 3.00h
E-AJR-1460	Furnishing, leveling, and compacting of subgrade layer and Excavation for piping system (Perforated, Outlet & Washout)	4d	4d	0%	17-Mar-16	21-Mar-16	18-Jul-16	21-Jul-16	90d 3.00h
YKT-SD-1050	Review & Approval of Shop drawing for Future Connection to Kufiret Well (150mm Gate Valve at Station 1+220)	21d	21d	0%	17-Mar-16	14-Apr-16	13-Oct-16	10-Nov-16	134d 1.00h
E-KFR-1820	Excavation for Foundation & Subgrade layer Compaction	2d	2d	0%	17-Mar-16	19-Mar-16	23-Oct-16	24-Oct-16	169d 3.00h
E-JLR-1220	Form/Steel Rebars for Foundation	8d	8d	0%	17-Mar-16	26-Mar-16	14-Dec-16	26-Dec-16	213d 3.00h
E-JLR-1210	Cast Concrete for foundation	1d	1d	0%	17-Mar-16	17-Mar-16	24-Dec-16	24-Dec-16	219d 3.00h
E-JLR-1200	Deshuttering & Curing	7d	7d	0%	17-Mar-16	24-Mar-16	12-Jan-17	19-Jan-17	231d 3.00h
E-JLR-1240	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	14d	0%	19-Mar-16	03-Apr-16	26-Dec-16	15-Jan-17	219d 3.00h
E-JLR-1230	Concrete Curing & Isolation	7d	7d	0%	19-Mar-16	26-Mar-16	05-Jan-17	16-Jan-17	227d 3.00h
E-MTR-1400	De-shuttering of intermediate Beams & Stairs 1st Level	2d	2d	0%	20-Mar-16	21-Mar-16	22-Mar-16	24-Mar-16	2d 3.00h
E-KFR-1830	Form/Steel Rebars for Foundation	4d	4d	0%	20-Mar-16	23-Mar-16	25-Oct-16	29-Oct-16	169d 3.00h
E-KFR-1740	Excavation for Foundation & Subgrade layer Compaction	2d	2d	0%	20-Mar-16	21-Mar-16	27-Oct-16	29-Oct-16	171d 3.00h
E-KFR-1000	Excavation to the required level for Access Road to Kufirit Reservoir from Station 0+000 to Station 0+170	7d	7d	0%	20-Mar-16	27-Mar-16	30-Oct-16	06-Nov-16	173d 3.00h
E-ARR-1150	Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and other pipes)	2d	2d	0%	21-Mar-16	22-Mar-16	24-Mar-16	27-Mar-16	3d 3.00h
E-ARR-1170	Construction of Bounadry Walls - south and west side	21d	21d	0%	21-Mar-16	13-Apr-16	13-Dec-16	14-Jan-17	209d 3.00h
E-MTR-1410	Scaffolding Works For Secound Level	3d	3d	0%	22-Mar-16	24-Mar-16	24-Mar-16	28-Mar-16	2d 3.00h
E-AJR-1440	Compacted base course for site grading, 200 mm layer	2d	2d	0%	22-Mar-16	23-Mar-16	23-Jul-16	24-Jul-16	90d 3.00h
E-AJR-1400	Pipe Encasement - RC where needed	2d	2d	0%	22-Mar-16	23-Mar-16	31-Jul-16	01-Aug-16	97d 3.00h
SWJ-CH-SD-12	Review & Approval of Shop drawing for 250mm Gate Valve Chamber	21d	21d	0%	22-Mar-16	19-Apr-16	13-Oct-16	10-Nov-16	131d 1.00h
E-KFR-1340	Excavation for Foundation & Subgrade layer Compaction	2d	2d	0%	22-Mar-16	23-Mar-16	01-Nov-16	02-Nov-16	173d 3.00h
E-ARR-1160	Reservoir base slab reinforcing steel & water stop installation	7d	7d	0%	23-Mar-16	30-Mar-16	27-Mar-16	04-Apr-16	3d 3.00h
E-JLR-1470	Reservoir base slab - Formwork	5d	5d	0%	23-Mar-16	28-Mar-16	30-May-16	05-Jun-16	56d 3.00h
E-KFR-1750	Form/Steel Rebars for Foundation	4d	4d	0%	24-Mar-16	28-Mar-16	30-Oct-16	02-Nov-16	169d 3.00h
E-KFR-1500	Excavation for Foundation & Subgrade layer Compaction	4d	4d	0%	24-Mar-16	28-Mar-16	03-Nov-16	07-Nov-16	173d 3.00h
SWJ-TCP-143C	Review & Approval of Traffic Control Plan for Anza-Ajja (Area C) From STA: 0+270 to STA: 1+104	21d	21d	0%	24-Mar-16	21-Apr-16	17-Jan-17	14-Feb-17	194d 1.00h
E-KFR-1840	Cast Concrete for Foundation	1d	1d	0%	24-Mar-16	24-Mar-16	13-Dec-16	13-Dec-16	206d 3.00h
E-MTR-1420	Reinforceing of 2nd level columns	2d	2d	0%	26-Mar-16	27-Mar-16	28-Mar-16	30-Mar-16	2d 3.00h
E-KFR-2070	Internal Formwork for 1st Group Ring Foundation (Costruction Joints)	3d	3d	0%	26-Mar-16	28-Mar-16	06-Apr-16	10-Apr-16	10d 3.00h
SWJ-CH-SD-1C	Prep. & Sub. Shop drawing for Raba Connection Chamber as per detail CHD-241	15d	15d	0%	26-Mar-16	11-Apr-16	10-Sep-16	01-Oct-16	129d 3.00h
E-KFR-1260	Earthing	1d	1d	0%	26-Mar-16	26-Mar-16	04-Dec-16	04-Dec-16	197d 3.00h
E-KFR-1860	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	10d	10d	0%	26-Mar-16	05-Apr-16	14-Dec-16	28-Dec-16	206d 3.00h
E-JLR-1260	Cast Reinforced Concrete for the Retaning Wall	1d	1d	0%	26-Mar-16	26-Mar-16	14-Jan-17	14-Jan-17	225d 3.00h
E-KFR-1850	Concrete Curing & Isolation	7d	7d	0%	26-Mar-16	02-Apr-16	21-Jan-17	28-Jan-17	231d 3.00h
E-JLR-1250	Furnish & Install Fence	2d	2d	0%	26-Mar-16	27-Mar-16	21-Jan-17	22-Jan-17	231d 3.00h
SWJ-CH-SD-1C	Review & Approval of Shop drawing for Monitoring Chamber (1) with Main Pipeline from Qabatiya Well	21d	21d	0%	27-Mar-16	24-Apr-16	27-Dec-16	25-Jan-17	179d 1.00h
E-JLR-1280	Cast Concrete for foundation	1d	1d	0%	27-Mar-16	27-Mar-16	27-Dec-16	27-Dec-16	213d 3.00h
E-JLR-1270	Deshuttering & Curing For Walls	7d	7d	0%	27-Mar-16	03-Apr-16	15-Jan-17	22-Jan-17	225d 3.00h
E-MTR-1430	Reinforcement and formwork for 2nd Level Columns and Valve Room walls	4d	4d	0%	28-Mar-16	31-Mar-16	30-Mar-16	04-Apr-16	2d 3.00h
E-YKT-1160	Exc., Bed., Install. and Backfill. 150mm Kuferit Force Line from St. 2+300 to St. 2+463	2d	2d	0%	28-Mar-16	29-Mar-16	07-Nov-16	08-Nov-16	173d 3.00h
E-MTR-1450	Spread and compact 7 cm 3/4" asphalt concrete (7cm after compaction) with MCO prime coat for Yard	5d	5d	0%	28-Mar-16	02-Apr-16	13-Nov-16	19-Nov-16	178d 3.00h
E-JLR-1300	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	14d	0%	28-Mar-16	12-Apr-16	28-Dec-16	17-Jan-17	213d 3.00h
E-KFR-1010	Supply and lay 400mm Pre-Cast Concrete Pipe Connection joint precast	5d	5d	0%	28-Mar-16	02-Apr-16	08-Jan-17	15-Jan-17	220d 3.00h
E-JLR-1290	Concrete Curing & Isolation	7d	7d	0%	28-Mar-16	04-Apr-16	09-Jan-17	18-Jan-17	221d 3.00h
E-KFR-2080	Casting Concrete for 1st Group Ring Foundation	1d	1d	0%	29-Mar-16	29-Mar-16	10-Apr-16	11-Apr-16	10d 3.00h
E-JLR-1480	Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and perforated pipes)	2d	2d	0%	29-Mar-16	30-Mar-16	05-Jun-16	08-Jun-16	56d 3.00h
E-KFR-1350	Form/Steel Rebars for Foundation	4d	4d	0%	29-Mar-16	02-Apr-16	03-Nov-16	07-Nov-16	169d 3.00h
E-KFR-1420	Excavation for Foundation & Subgrade layer Compaction	4d	4d	0%	29-Mar-16	02-Apr-16	08-Nov-16	12-Nov-16	173d 3.00h
E-KFR-1760	Cast Concrete for Foundation	1d	1d	0%	29-Mar-16	29-Mar-16	22-Dec-16	22-Dec-16	208d 3.00h
E-KFR-2090	Deshuttering/Steel Rebars Cleaning	2d	2d	0%	30-Mar-16	31-Mar-16	11-Apr-16	13-Apr-16	10d 3.00h
E-KFR-2100	Concrete Curing	7d	7d	0%	30-Mar-16	06-Apr-16	13-Apr-16	21-Apr-16	12d 3.00h
E-KFR-1770	Concrete Curing & Isolation	7d	7d	0%	30-Mar-16	06-Apr-16	24-Dec-16	02-Jan-17	208d 3.00h
E-KFR-1780	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	5d	5d	0%	30-Mar-16	04-Apr-16	26-Dec-16	31-Dec-16	209d 3.00h
E-ARR-1180	Reservoir base slab - Place concrete (Stage 1 - Part A, C, H, L)	1d	1d	0%	31-Mar-16	31-Mar-16	04-Apr-16	05-Apr-16	3d 3.00h
E-JLR-1490	Reservoir base slab reinforcing steel & water stop installation	10d	10d	0%	31-Mar-16	11-Apr-16	08-Jun-16	27-Jun-16	56d 3.00h
E-ARR-1410	Installing Earthing System	5d	5d	0%	31-Mar-16	05-Apr-16	21-Sep-16	26-Sep-16	130d 3.00h
E-MTR-1440	Cast-in-place concrete For 2nd Level Columns and Valve Room walls	1d	1d	0%	02-Apr-16	02-Apr-16	04-Apr-16	05-Apr-16	2d 3.00h
E-KFR-2110	Casting Concrete for 2nd Group Base Slab	1d	1d	0%	02-Apr-16	02-Apr-16	13-Apr-16	14-Apr-16	10d 3.00h
E-KFR-2120	Concrete Curing & Isolation for Under Ground Elements	7d	7d	0%	03-Apr-16	10-Apr-16	14-Apr-16	23-Apr-16	10d 3.00h
E-KFR-2130	Form/Steel Rebars for External Wall & Middle Column Foundation (1st Face) With Seismec Cans Installation	5d	5d	0%	03-Apr-16	07-Apr-16	17-Apr-16	23-Apr-16	12d 3.00h
E-KFR-1510	Form/Steel Rebars for Foundation	6d	6d	0%	03-Apr-16	09-Apr-16	08-Nov-16	14-Nov-16	169d 3.00h
E-KFR-1580	Excavation for Foundation & Subgrade layer Compaction	10d	10d	0%	03-Apr-16	13-Apr-16	13-Nov-16	24-Nov-16	173d 3.00h
E-MTR-1480	Fixing of Double Leaf Gate Access gate as per detail C-117	2d	2d	0%	03-Apr-16	04-Apr-16	20-Nov-16	21-Nov-16	178d 3.00h
E-KFR-1360	Cast Concrete for Foundation	1d	1d	0%	03-Apr-16	03-Apr-16	26-Dec-16	26-Dec-16	206d 3.00h
E-KFR-1020	Spreading and Compaction of 20cm Base Course for Access Road to Kufirit Reservoir from Station 0+000 to Station 0+170	4d	4d	0%	03-Apr-16	06-Apr-16	16-Jan-17	19-Jan-17	220d 3.00h
E-KFR-1370	Concrete Curing & Isolation	7d	7d	0%	04-Apr-16	11-Apr-16	27-Dec-16	04-Jan-17	206d 3.00h

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Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
E-KFR-1380	Form/Steel Rebars for the Retaining Walls with Drain System - Fence Steel Props Installation	5d	5d	0%	04-Apr-16	09-Apr-16	28-Dec-16	03-Jan-17	207d 3.00h
E-JLR-1330	Cast Reinforced Concrete for the Retaining Wall	1d	1d	0%	04-Apr-16	04-Apr-16	16-Jan-17	16-Jan-17	219d 3.00h
E-JLR-1320	Furnish & Install Fence	2d	2d	0%	04-Apr-16	05-Apr-16	23-Jan-17	24-Jan-17	225d 3.00h
E-KFR-1790	Cast Reinforced Concrete for the Retaining Wall	1d	1d	0%	05-Apr-16	05-Apr-16	02-Jan-17	02-Jan-17	209d 3.00h
E-JLR-1340	Deshuttering & Curing For Wall	7d	7d	0%	05-Apr-16	12-Apr-16	17-Jan-17	24-Jan-17	219d 3.00h
E-MTR-1460	De-shuttering of 2nd Level Columns	2d	2d	0%	06-Apr-16	07-Apr-16	09-Apr-16	11-Apr-16	2d 3.00h
E-SWJ-1000	Supply and Install valves and fitting in the existing Monitoring Chamber (1) as per detail M-VCFM	15d	15d	0%	06-Apr-16	23-Apr-16	11-Jul-16	27-Jul-16	67d 3.00h
E-KFR-1870	Cast Reinforced Concrete for the Retaining Wall	1d	1d	0%	06-Apr-16	06-Apr-16	29-Dec-16	29-Dec-16	206d 3.00h
E-ARR-1190	Reservoir base slab - Place concrete (Stage 2 - Part B, D, F, J)	1d	1d	0%	07-Apr-16	07-Apr-16	11-Apr-16	12-Apr-16	3d 3.00h
E-KFR-1880	Deshuttering & Curing	7d	7d	0%	07-Apr-16	14-Apr-16	31-Dec-16	09-Jan-17	206d 3.00h
E-KFR-1800	Deshuttering & Curing For Walls	7d	7d	0%	07-Apr-16	14-Apr-16	03-Jan-17	14-Jan-17	208d 3.00h
E-KFR-1030	Asphalt Wearing Course Layer 7cm for Access Road to Kuferit Reservoir from Station 0+000 to Station 0+170 including MC	1d	1d	0%	07-Apr-16	07-Apr-16	21-Jan-17	21-Jan-17	220d 3.00h
E-MTR-1470	Formwork For intermediate Beams & Stairs 2nd Level and Valve room slab	3d	3d	0%	09-Apr-16	11-Apr-16	11-Apr-16	14-Apr-16	2d 3.00h
E-KFR-1035	Concrete Ditches	5d	5d	0%	09-Apr-16	13-Apr-16	22-Jan-17	26-Jan-17	220d 3.00h
E-KFR-1430	Form/Steel Rebars for Foundation	8d	8d	0%	10-Apr-16	18-Apr-16	16-Nov-16	24-Nov-16	169d 3.00h
E-KFR-1520	Cast Concrete for Foundation	1d	1d	0%	10-Apr-16	10-Apr-16	28-Dec-16	28-Dec-16	202d 3.00h
E-KFR-1390	Cast Reinforced Concrete for the Retaining Wall	1d	1d	0%	10-Apr-16	10-Apr-16	04-Jan-17	04-Jan-17	207d 3.00h
E-KFR-2140	Form Work (2nd Face), Water Stop installation 1st Group	5d	5d	0%	11-Apr-16	16-Apr-16	23-Apr-16	28-Apr-16	10d 3.00h
E-KFR-1530	Concrete Curing & Isolation	7d	7d	0%	11-Apr-16	18-Apr-16	29-Dec-16	08-Jan-17	202d 3.00h
E-KFR-1540	Form/Steel Rebars for the Retaining Walls with Drain System - Fence Steel Props Installation	4d	4d	0%	11-Apr-16	14-Apr-16	02-Jan-17	05-Jan-17	204d 3.00h
E-SMT-1000	Exc., Bed., Install. and Backfill. 250mm Sanur - Maythaloun Transmission Pipeline from St. 0+000 to St.1+200	15d	15d	0%	12-Apr-16	28-Apr-16	12-Apr-16	30-Apr-16	0d 3.00h
E-MTR-1490	Reinforcement for intermediate Beams & Stairs 2nd Level and Valve room slab	4d	4d	0%	12-Apr-16	16-Apr-16	14-Apr-16	19-Apr-16	2d 3.00h
AI-MTR-1110	Start of Sanur Junction to Maythaloun Well	0d	0d	0%	12-Apr-16		30-Apr-16		15d 3.00h
E-JLR-1510	Reservoir base slab - Place concrete (Stage 1)	1d	1d	0%	12-Apr-16	12-Apr-16	27-Jun-16	29-Jun-16	56d 3.00h
E-JLR-1500	Installing Earthing System	5d	5d	0%	12-Apr-16	17-Apr-16	20-Sep-16	25-Sep-16	119d 3.00h
SWJ-CH-SD-1C	Prep. & Sub. Shop drawing for Talfit Connection Chamber as per detail CHD-242	15d	15d	0%	12-Apr-16	28-Apr-16	02-Oct-16	18-Oct-16	129d 3.00h
SWJ-CH-SD-1C	Review & Approval of Shop drawing for Raba Connection Chamber as per detail CHD-241	21d	21d	0%	12-Apr-16	12-May-16	13-Dec-16	12-Jan-17	158d 1.00h
E-KFR-1400	Deshuttering & Curing For Wall	7d	7d	0%	12-Apr-16	19-Apr-16	05-Jan-17	16-Jan-17	206d 3.00h
E-JLR-1390	Cast Reinforced Concrete for the Retaining Wall	1d	1d	0%	13-Apr-16	13-Apr-16	18-Jan-17	18-Jan-17	213d 3.00h
E-JLR-1380	Furnish & Install Fence	2d	2d	0%	13-Apr-16	14-Apr-16	25-Jan-17	26-Jan-17	219d 3.00h
E-ARR-1200	Reservoir base slab - Place concrete (Stage 3 - Part E, G, I, K)	1d	1d	0%	14-Apr-16	14-Apr-16	18-Apr-16	19-Apr-16	3d 3.00h
E-JLR-1400	Deshuttering & Curing For Walls	7d	7d	0%	14-Apr-16	21-Apr-16	19-Jan-17	26-Jan-17	213d 3.00h
E-KFR-1040	Road Marking for Access Road to Ajja Reservoir from Station 0+000 to Station 0+170	2d	2d	0%	14-Apr-16	16-Apr-16	28-Jan-17	29-Jan-17	220d 3.00h
E-ARR-1530	Installation of new steel mesh fence and fence around site perimeter on existing wall	7d	7d	0%	14-Apr-16	21-Apr-16	08-Feb-17	15-Feb-17	227d 3.00h
E-ARR-1220	Reservoir Walls - External formwork	8d	8d	0%	16-Apr-16	24-Apr-16	19-Apr-16	28-Apr-16	3d 3.00h
E-JLR-1520	Reservoir base slab - Place concrete (Stage 2)	1d	1d	0%	16-Apr-16	16-Apr-16	03-Jul-16	04-Jul-16	56d 3.00h
E-ARR-1210	Curing	7d	7d	0%	16-Apr-16	23-Apr-16	02-Jan-17	12-Jan-17	200d 3.00h
E-KFR-1550	Cast Reinforced Concrete for the Retaining Wall	1d	1d	0%	16-Apr-16	16-Apr-16	08-Jan-17	08-Jan-17	204d 3.00h
E-KFR-1890	Furnish & Install Fence	2d	2d	0%	16-Apr-16	17-Apr-16	12-Jan-17	14-Jan-17	206d 3.00h
E-MTR-1500	Cast-in-place concrete for intermediate beams Beams & Stairs 2nd Level and Valve room slab	1d	1d	0%	17-Apr-16	17-Apr-16	19-Apr-16	20-Apr-16	2d 3.00h
E-KFR-2150	Casting Concrete for 1st Group of walls	1d	1d	0%	17-Apr-16	17-Apr-16	28-Apr-16	30-Apr-16	10d 3.00h
E-KFR-2160	Deshuttering for 1st Group (2nd face) & Curing For Walls	2d	2d	0%	18-Apr-16	19-Apr-16	30-Apr-16	04-May-16	10d 3.00h
E-KFR-1810	Furnish & Install Fence	2d	2d	0%	18-Apr-16	19-Apr-16	15-Jan-17	16-Jan-17	206d 3.00h
E-ARR-1230	Reservoir Walls & Columns - Reinforcing steel & vertical water stop installation	12d	12d	0%	19-Apr-16	04-May-16	23-Apr-16	09-May-16	3d 3.00h
E-JLR-1540	Reservoir base slab - Place concrete (Stage 3) - Footing of Columns	1d	1d	0%	19-Apr-16	19-Apr-16	11-Jul-16	11-Jul-16	56d 3.00h
E-KFR-1590	Form/Steel Rebars for Foundation	14d	14d	0%	19-Apr-16	07-May-16	26-Nov-16	11-Dec-16	169d 3.00h
E-KFR-1440	Cast Concrete for Foundation	1d	1d	0%	19-Apr-16	19-Apr-16	19-Dec-16	19-Dec-16	187d 3.00h
E-KFR-1560	Deshuttering & Curing For Walls	7d	7d	0%	19-Apr-16	26-Apr-16	09-Jan-17	18-Jan-17	202d 3.00h
E-KFR-2170	Formwork (2nd Face) Water Stop installation 2nd Group & Form/Steel for Middle Column/With Seismec Cans	5d	5d	0%	20-Apr-16	25-Apr-16	04-May-16	10-May-16	10d 3.00h
E-JLR-1560	Reservoir Walls - External formwork	2d	2d	0%	20-Apr-16	21-Apr-16	12-Jul-16	13-Jul-16	56d 3.00h
E-JLR-1550	Concrete Curing for Base slab	7d	7d	0%	20-Apr-16	27-Apr-16	13-Dec-16	22-Dec-16	183d 3.00h
E-KFR-1460	Form/Steel Rebars for the Retaining Walls with Drain System - Fence Steel Props Installation	15d	15d	0%	20-Apr-16	09-May-16	20-Dec-16	09-Jan-17	187d 3.00h
E-KFR-1450	Concrete Curing & Isolation	7d	7d	0%	20-Apr-16	27-Apr-16	02-Jan-17	12-Jan-17	196d 3.00h
E-KFR-1410	Furnish & Install Fence	2d	2d	0%	20-Apr-16	21-Apr-16	17-Jan-17	18-Jan-17	206d 3.00h
E-MTR-1510	De-shuttering of intermediate Beams & Stairs 2nd Level	3d	3d	0%	21-Apr-16	24-Apr-16	24-Apr-16	27-Apr-16	2d 3.00h
E-KRR-5285	Implement Safety measures and Traffic Control Plan for Zone 4	2d	2d	0%	21-Apr-16	23-Apr-16	15-Feb-17	16-Feb-17	227d 3.00h
E-JLR-1450	Furnish & Install Fence	2d	2d	0%	23-Apr-16	24-Apr-16	28-Jan-17	29-Jan-17	213d 3.00h
SWJ-TCP-136C	Implement Safety measures and Traffic Control Plan for Zone 03	2d	2d	0%	23-Apr-16	24-Apr-16	15-Feb-17	16-Feb-17	226d 3.00h
E-JLR-1570	Reservoir Walls & Columns - Reinforcing steel & vertical water stop installation	12d	12d	0%	24-Apr-16	09-May-16	16-Jul-16	28-Jul-16	56d 3.00h
E-SWJ-1040	Construction of Air Release Valve Chamber as per detail C-505A/C-DT62	20d	20d	0%	24-Apr-16	18-May-16	28-Jul-16	20-Aug-16	67d 3.00h
E-KRR-5295	Maintain of Traffic Control Plan and Safety measures for Zone 4	139d	139d	0%	24-Apr-16	24-Oct-16	19-Jan-17	19-Jan-17	67d 3.00h
E-ARR-1240	Water proofing & backfilling	1d	1d	0%	24-Apr-16	24-Apr-16	14-Jan-17	14-Jan-17	200d 3.00h
SWJ-TCP-137C	Maintain of Traffic Control Plan and Safety measures for Zone 03	226d	226d	0%	25-Apr-16	16-Feb-17	16-Feb-17	16-Feb-17	0d 3.00h
E-MTR-1520	Scaffolding for Third Level	3d	3d	0%	25-Apr-16	27-Apr-16	27-Apr-16	03-May-16	2d 3.00h

SR-01 Classic Schedule Report - Sort by ES, TF

Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
E-SWJ-1010	Connection of Monitoring Chamber (1) with Main Pipeline from Qabatiya Well	3d	3d	0%	25-Apr-16	27-Apr-16	26-Jan-17	29-Jan-17	210d 3.00h
E-KFR-2180	Cast Concrete for 2nd Group	1d	1d	0%	26-Apr-16	26-Apr-16	10-May-16	11-May-16	10d 3.00h
E-KFR-2190	Deshuttering for (1st & 2nd Face) & Curing For Walls	7d	7d	0%	27-Apr-16	07-May-16	11-May-16	19-May-16	10d 3.00h
E-KFR-1570	Furnish & Install Fence	2d	2d	0%	27-Apr-16	28-Apr-16	19-Jan-17	21-Jan-17	202d 3.00h
E-MTR-1530	Reinforceing of 3rd Level Columns	2d	2d	0%	28-Apr-16	30-Apr-16	03-May-16	05-May-16	2d 3.00h
E-JLR-1580	Water proofing & backfilling	1d	1d	0%	28-Apr-16	28-Apr-16	24-Dec-16	24-Dec-16	183d 3.00h
E-SMT-1010	Exc., Bed., Install. and Backfill. 250mm Sanur - Maythaloun Transmission Pipeline from St. 1+200 to St.2+400	15d	15d	0%	30-Apr-16	18-May-16	30-Apr-16	19-May-16	0d 3.00h
SWJ-2100	Installation of Cathodic Protection system - Anode and Test Station for Zone 03	20d	20d	0%	30-Apr-16	24-May-16	15-Oct-16	06-Nov-16	125d 3.00h
SWJ-CH-SD-1C	Prep. & Sub. Shop drawing for new Proposed Rama Connection Chamber as per detail CHD-242	15d	15d	0%	30-Apr-16	18-May-16	19-Oct-16	05-Nov-16	129d 3.00h
E-SMT-1035	Replacement of the existing Sanur Connection Chamber (CHD-103)	20d	20d	0%	30-Apr-16	24-May-16	07-Nov-16	30-Nov-16	145d 3.00h
E-SMT-1055	Construction of 100mm Washout Chamber at station 0+010 on 250mm pipe	15d	15d	0%	30-Apr-16	18-May-16	13-Nov-16	30-Nov-16	150d 3.00h
E-SMT-1065	Construction of 250mm Gate Valve Chamber at Station 0+500	15d	15d	0%	30-Apr-16	18-May-16	13-Nov-16	30-Nov-16	150d 3.00h
E-SMT-1075	Construction of 100mm Air Release Valve Chamber at station 0+770 on 250mm pipe	15d	15d	0%	30-Apr-16	18-May-16	13-Nov-16	30-Nov-16	150d 3.00h
E-SMT-1085	Construction of 250mm Gate Valve Chamber at Station 1+000	15d	15d	0%	30-Apr-16	18-May-16	13-Nov-16	30-Nov-16	150d 3.00h
E-SMT-1095	Construction of 100mm Air Release Valve Chamber at station 1+190 on 250mm pipe	15d	15d	0%	30-Apr-16	18-May-16	13-Nov-16	30-Nov-16	150d 3.00h
E-SMT-1045	Connection to Sanure Existing Pipe	5d	5d	0%	30-Apr-16	07-May-16	26-Nov-16	30-Nov-16	160d 3.00h
E-MTR-1540	Reinforcement and formwork for 3rd Level Columns	2d	2d	0%	03-May-16	04-May-16	05-May-16	08-May-16	2d 3.00h
SWJ-CH-SD-1C	Review & Approval of Shop drawing for Talfit Connection Chamber as per detail CHD-242	21d	21d	0%	03-May-16	31-May-16	29-Nov-16	28-Dec-16	135d 1.00h
E-MTR-1550	Cast-in-place concrete for 3rd Level Columns	1d	1d	0%	05-May-16	05-May-16	08-May-16	09-May-16	2d 3.00h
E-ARR-1250	Reservoir Walls & Columns - Internal formwork - (Stage 1-Walls 1,3,5 & 7)	9d	9d	0%	05-May-16	15-May-16	09-May-16	19-May-16	3d 3.00h
E-KFR-2200	Form/Steel Rebars for Roof Slab	5d	5d	0%	08-May-16	12-May-16	19-May-16	25-May-16	10d 3.00h
E-KFR-1600	Cast Concrete for Foundation	1d	1d	0%	08-May-16	08-May-16	12-Dec-16	12-Dec-16	169d 3.00h
E-KFR-1620	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	21d	21d	0%	09-May-16	01-Jun-16	13-Dec-16	14-Jan-17	169d 3.00h
E-KFR-1610	Concrete Curing & Isolation	7d	7d	0%	09-May-16	16-May-16	04-Jan-17	15-Jan-17	184d 3.00h
E-MTR-1560	De-shuttering of 3rd Level Columns	2d	2d	0%	10-May-16	11-May-16	12-May-16	15-May-16	2d 3.00h
E-JLR-1590	Reservoir Walls & Columns - Internal formwork - (Stage 1)	8d	8d	0%	10-May-16	18-May-16	30-Jul-16	07-Aug-16	56d 3.00h
E-KFR-1470	Cast Reinforced Concrete for the Retaining Wall	1d	1d	0%	10-May-16	10-May-16	12-Jan-17	12-Jan-17	187d 3.00h
E-KFR-1480	Deshuttering & Curing For Walls	7d	7d	0%	11-May-16	18-May-16	14-Jan-17	21-Jan-17	187d 3.00h
E-MTR-1570	Formwork For intermediate Beams & Stairs 3rd Level	3d	3d	0%	12-May-16	15-May-16	15-May-16	18-May-16	2d 3.00h
E-KFR-2210	Casting Concrete for Roof Slab & Mechanical Finishing	1d	1d	0%	14-May-16	14-May-16	25-May-16	26-May-16	10d 3.00h
E-SWJ-1020	Supply and Install valves and fitting in the existing Raba Service Connection Chamber as per detail CHD-241	10d	10d	0%	14-May-16	24-May-16	15-Jan-17	25-Jan-17	186d 3.00h
E-KRR-1870	Construction of Lean Concrete under foundation of Reservoir	5d	5d	0%	15-May-16	19-May-16	26-May-16	01-Jun-16	10d 3.00h
E-KFR-1090	Excavation Work For Manholes & Pipelines In Yard	10d	10d	0%	15-May-16	25-May-16	13-Nov-16	24-Nov-16	139d 3.00h
E-KFR-1900	Miscellaneous Excavation: Excavate to the required depth as per design drawings	3d	3d	0%	15-May-16	17-May-16	27-Nov-16	29-Nov-16	150d 3.00h
E-MTR-1580	Reinforceing of intermediate Beams & Stairs 3rd Level	3d	3d	0%	16-May-16	18-May-16	18-May-16	22-May-16	2d 3.00h
E-ARR-1270	Reservoir Walls - Internal formwork - (Stage 2-Walls 2,4,6 & 8)	9d	9d	0%	16-May-16	25-May-16	19-May-16	30-May-16	3d 3.00h
E-ARR-1260	Reservoir Walls & Columns - Place concrete (Stage 1)	1d	1d	0%	16-May-16	16-May-16	29-May-16	30-May-16	11d 3.00h
E-SMT-1030	Exc., Bed., Install. and Backfill. 250mm Sanur - Maythaloun Transmission Pipeline from St.2+400 to St.3+699	16d	16d	0%	19-May-16	08-Jun-16	19-May-16	08-Jun-16	0d 3.00h
E-JLR-1610	Reservoir Walls - Internal formwork - (Stage 2-Walls 2,4,6 & 8)	8d	8d	0%	19-May-16	28-May-16	08-Aug-16	16-Aug-16	56d 3.00h
E-JLR-1600	Reservoir Walls & Columns - Place concrete (Stage 1)	1d	1d	0%	19-May-16	19-May-16	16-Aug-16	16-Aug-16	63d 3.00h
E-SWJ-1060	Construction of Washout Chamber as per detail C-503A/C-DT60	20d	20d	0%	19-May-16	15-Jun-16	21-Aug-16	17-Sep-16	67d 3.00h
E-SWJ-1120	Construction of Washout Chamber as per detail C-503A/C-DT60	20d	20d	0%	19-May-16	15-Jun-16	28-Aug-16	24-Sep-16	73d 3.00h
SWJ-CH-SD-1C	Review & Approval of Shop drawing for new Proposed Rama Connection Chamber as per detail CHD-242	21d	21d	0%	19-May-16	26-Jun-16	06-Nov-16	05-Dec-16	107d 1.00h
E-SMT-1105	Construction of 250mm Gate Valve Chamber at Station 1+500	15d	15d	0%	19-May-16	06-Jun-16	13-Nov-16	30-Nov-16	135d 3.00h
E-SMT-1115	Construction of 100mm Air Release Valve Chamber at station 1+618 on 250mm pipe	15d	15d	0%	19-May-16	06-Jun-16	13-Nov-16	30-Nov-16	135d 3.00h
E-SMT-1125	Construction of 250mm Gate Valve Chamber at Station 2+000	15d	15d	0%	19-May-16	06-Jun-16	13-Nov-16	30-Nov-16	135d 3.00h
E-SMT-1135	Construction of 100mm Washout Chamber at station 2+100 on 250mm pipe	15d	15d	0%	19-May-16	06-Jun-16	13-Nov-16	30-Nov-16	135d 3.00h
E-SMT-1145	Construction of 100mm Air Release Valve Chamber at station 2+375 on 250mm pipe	15d	15d	0%	19-May-16	06-Jun-16	13-Nov-16	30-Nov-16	135d 3.00h
SWJ-CH-SD-11	Prep. & Sub. Shop drawing for Monitoring Chamber (2) as per detail M-VCFM - Location 11	15d	15d	0%	19-May-16	06-Jun-16	13-Nov-16	30-Nov-16	135d 3.00h
E-KFR-1490	Furnish & Install Fence	2d	2d	0%	19-May-16	21-May-16	22-Jan-17	23-Jan-17	187d 3.00h
E-SWJ-1050	Connection to the existing pipeline	2d	2d	0%	19-May-16	21-May-16	28-Jan-17	29-Jan-17	192d 3.00h
E-KRR-1880	Installation of perforated pipes	3d	3d	0%	21-May-16	23-May-16	01-Jun-16	05-Jun-16	10d 3.00h
E-KRR-2410	Excavation for Foundation & Subgrade layer Compaction	4d	4d	0%	21-May-16	24-May-16	10-Nov-16	14-Nov-16	132d 3.00h
E-KRR-1700	Excavation to the required level for Access Road to Kufir Rai Reservoir	4d	4d	0%	21-May-16	24-May-16	15-Jan-17	18-Jan-17	180d 3.00h
E-MTR-1590	Cast-in-place concrete for intermediate Beams & Stairs 3rd Level	1d	1d	0%	23-May-16	23-May-16	25-May-16	26-May-16	2d 3.00h
E-KRR-2420	Form/Steel Rebars for Foundation	8d	8d	0%	25-May-16	02-Jun-16	16-Nov-16	24-Nov-16	132d 3.00h
E-KRR-2490	Excavation for Foundation&Subgrade layer Compaction	4d	4d	0%	25-May-16	29-May-16	21-Nov-16	24-Nov-16	136d 3.00h
E-KRR-1740	Exc., Bed., Install. and Backfill. 250mm Kufir Rai Outlet Pipeline from St. 0+000 to St. 0+062	2d	2d	0%	25-May-16	26-May-16	19-Jan-17	21-Jan-17	180d 3.00h
E-KRR-1750	Exc., Bed., Install. and Backfill. 250mm Kufir Rai Inlet Pipeline from St. 0+000 to St. 0+062	2d	2d	0%	25-May-16	26-May-16	19-Jan-17	21-Jan-17	180d 3.00h
E-SWJ-1030	Connection between Monitoring Chamber (1) and Raba Service Connection Chamber	3d	3d	0%	25-May-16	28-May-16	26-Jan-17	29-Jan-17	186d 3.00h
E-ARR-1280	Reservoir Walls - Place concrete (Stage 2)	1d	1d	0%	26-May-16	26-May-16	30-May-16	31-May-16	3d 3.00h
E-KFR-1100	Supply & Spread of The Drain Layer For Manholes	18d	18d	0%	26-May-16	22-Jun-16	05-Dec-16	28-Dec-16	147d 3.00h
E-MTR-1600	De-shuttering For intermediate Beams & Stairs 3rd Level	2d	2d	0%	28-May-16	29-May-16	30-May-16	01-Jun-16	2d 3.00h

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Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
E-KRR-1760	Connection of Kufr Rai Outlet Pipeline to the existing Outlet Pipeline	2d	2d	0%	28-May-16	29-May-16	22-Jan-17	23-Jan-17	180d 3.00h
E-KRR-1770	Connection of Kufr Rai Inlet Pipeline to the existing Pipeline	2d	2d	0%	28-May-16	29-May-16	22-Jan-17	23-Jan-17	180d 3.00h
E-JLR-1620	Reservoir Walls - Place concrete (Stage 2)	1d	1d	0%	29-May-16	29-May-16	17-Aug-16	17-Aug-16	56d 3.00h
E-MTR-1610	Scaffolding for Fourth Level	3d	3d	0%	30-May-16	01-Jun-16	01-Jun-16	05-Jun-16	2d 3.00h
E-KRR-1890	Reservoir base slab - Formwork	5d	5d	0%	30-May-16	04-Jun-16	14-Jun-16	23-Jun-16	10d 3.00h
E-KRR-2650	Excavation for Foundation&Subgrade layer Compaction	4d	4d	0%	30-May-16	02-Jun-16	30-Nov-16	04-Dec-16	140d 3.00h
E-KRR-1780	Spreading and Compaction of 20cm Base Course for Access Road to Kufr Rai Reservoir from Station 0+000 to Station 0+062	3d	3d	0%	30-May-16	01-Jun-16	24-Jan-17	26-Jan-17	180d 3.00h
E-KFR-2220	Deshuttering for Roof Slab, Curing & Cleaning RSV	10d	10d	0%	31-May-16	15-Jun-16	30-Oct-16	09-Nov-16	113d 3.00h
E-SWJ-1160	Demolish existing chamber and Construction of Talfit Connection Chamber as per detail CHD-242	20d	20d	0%	01-Jun-16	09-Jul-16	29-Dec-16	25-Jan-17	160d 3.00h
E-MTR-1620	Reinforcing of 4th Level Columns	2d	2d	0%	02-Jun-16	04-Jun-16	05-Jun-16	08-Jun-16	2d 3.00h
E-KFR-1630	Cast Reinforced Concrete for the Retaining Wall	1d	1d	0%	02-Jun-16	02-Jun-16	15-Jan-17	15-Jan-17	169d 3.00h
E-KRR-1790	Asphalt Wearing Course Layer 7cm for Access Road to Kufr Rai Reservoir from Station 0+000 to Station 0+062 including MC	1d	1d	0%	02-Jun-16	02-Jun-16	28-Jan-17	28-Jan-17	180d 3.00h
E-KRR-2500	Form/Steel Rebars for Foundation	8d	8d	0%	04-Jun-16	16-Jun-16	26-Nov-16	04-Dec-16	132d 3.00h
E-KRR-3000	Excavation for Foundation&Subgrade layer Compaction	4d	4d	0%	04-Jun-16	09-Jun-16	10-Dec-16	13-Dec-16	144d 3.00h
E-KRR-2430	Cast Concrete	1d	1d	0%	04-Jun-16	04-Jun-16	19-Dec-16	19-Dec-16	150d 3.00h
E-KFR-1640	Deshuttering & Curing For Walls	7d	7d	0%	04-Jun-16	15-Jun-16	16-Jan-17	23-Jan-17	169d 3.00h
E-KRR-1800	Road Marking for Access Road to Kufr Rai Reservoir from Station 0+000 to Station 0+062	1d	1d	0%	04-Jun-16	04-Jun-16	29-Jan-17	29-Jan-17	180d 3.00h
E-MTR-1630	Formwork for 4th Level Columns	2d	2d	0%	05-Jun-16	08-Jun-16	08-Jun-16	12-Jun-16	2d 3.00h
E-ARR-1290	Reservoir Roof Slab - Formwork	12d	12d	0%	05-Jun-16	26-Jun-16	11-Jun-16	03-Jul-16	3d 3.00h
E-KRR-1900	Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and other pipes)	2d	2d	0%	05-Jun-16	08-Jun-16	23-Jun-16	27-Jun-16	10d 3.00h
E-KRR-2450	Form/Steel Rebars for the Retaining Walls with Drain System - Fence Steel Props Installation	14d	14d	0%	05-Jun-16	30-Jun-16	20-Dec-16	08-Jan-17	150d 3.00h
E-KRR-2440	Concrete Curing & Isolation	7d	7d	0%	05-Jun-16	16-Jun-16	29-Jan-17	08-Feb-17	179d 3.00h
SWJ-CH-SD-11	Review & Approval of Shop drawing for Monitoring Chamber (2) as per detail M-VCFM - Location 11	21d	21d	0%	06-Jun-16	20-Jul-16	01-Dec-16	02-Jan-17	112d 5.50h
E-SMT-1242	Installation of TEE 250 X 150 X 250	2d	2d	0%	08-Jun-16	12-Jun-16	08-Jun-16	12-Jun-16	0d 3.00h
E-MTR-1640	Cast-in-place concrete for 4th Level Columns	1d	1d	0%	08-Jun-16	09-Jun-16	13-Jun-16	14-Jun-16	2d 3.00h
E-KRR-1910	Reservoir base slab reinforcing steel & water stop installation	10d	10d	0%	08-Jun-16	26-Jun-16	27-Jun-16	14-Jul-16	10d 3.00h
E-SMT-1285	200 mm Base course layer for Sanur - Maythaloun Transmission Pipeline from St. 0+000 to St.1+600	11d	11d	0%	08-Jun-16	28-Jun-16	02-Aug-16	14-Aug-16	35d 3.00h
E-SMT-1283	200 mm Subgrade layer for Pipe Connection to Outlet Pipeline from Booster Station St. 0+000 to 0+085	1d	1d	0%	08-Jun-16	09-Jun-16	25-Aug-16	25-Aug-16	55d 3.00h
E-JLR-1630	Reservoir Roof Slab - Formwork	10d	10d	0%	08-Jun-16	26-Jun-16	27-Aug-16	06-Sep-16	56d 3.00h
E-SMT-1215	Construction of Flow Monitoring Chamber at Station 3+620 (M-VCFM)	20d	20d	0%	08-Jun-16	14-Jul-16	07-Nov-16	30-Nov-16	114d 3.00h
E-SMT-1225	Construction of Inlet Connection Chamber at Station 3+680 (CHD - 105)	20d	20d	0%	08-Jun-16	14-Jul-16	07-Nov-16	30-Nov-16	114d 3.00h
E-SMT-1155	Construction of 100mm Washout Chamber at station 2+545 on 250mm pipe	15d	15d	0%	08-Jun-16	09-Jul-16	13-Nov-16	30-Nov-16	119d 3.00h
E-SMT-1165	Construction of 100mm Air Release Valve Chamber at station 2+850 on 250mm pipe	15d	15d	0%	08-Jun-16	09-Jul-16	13-Nov-16	30-Nov-16	119d 3.00h
E-SMT-1175	Construction of 250mm Gate Valve Chamber at Station 2+490	15d	15d	0%	08-Jun-16	09-Jul-16	13-Nov-16	30-Nov-16	119d 3.00h
E-SMT-1185	Construction of 100mm Washout Chamber at station 3+298 on 250mm pipe	15d	15d	0%	08-Jun-16	09-Jul-16	13-Nov-16	30-Nov-16	119d 3.00h
E-SMT-1195	Construction of 250mm Gate Valve Chamber at Station 2+490	15d	15d	0%	08-Jun-16	09-Jul-16	13-Nov-16	30-Nov-16	119d 3.00h
E-SMT-1205	Construction of 100mm Air Release Valve Chamber at station 3+514 on 250mm pipe	15d	15d	0%	08-Jun-16	09-Jul-16	13-Nov-16	30-Nov-16	119d 3.00h
E-SMT-1235	Connection to Tubas Pipeline (TEE 150 X 150 X 150)	2d	2d	0%	08-Jun-16	12-Jun-16	29-Nov-16	30-Nov-16	132d 3.00h
E-SMT-1585	200 mm Base course layer for Pipe Connection to Outlet Pipeline from Booster Station St. 0+000 to 0+085	1d	1d	0%	09-Jun-16	12-Jun-16	27-Aug-16	27-Aug-16	55d 3.00h
E-ARR-1550	Repair & applying external paint for the reservoir	14d	14d	0%	09-Jun-16	09-Jul-16	29-Jan-17	16-Feb-17	176d 3.00h
E-SMT-1245	Exc., Bed., Install. and Backfill. 150mm Pipe from Connection Outlet pipe (Booster Station) to TEE (0+000 to	2d	2d	0%	12-Jun-16	15-Jun-16	13-Jun-16	16-Jun-16	0d 3.00h
E-SMT-1265	Installation of TEE 250 X 250 X 250	2d	2d	0%	12-Jun-16	15-Jun-16	13-Jun-16	16-Jun-16	0d 3.00h
E-SMT-1595	Asphalt wearing course layer for Pipe Connection to Outlet Pipeline from Booster Station St. 0+000 to 0+085 including MC	1d	1d	0%	12-Jun-16	13-Jun-16	28-Aug-16	28-Aug-16	55d 3.00h
E-SMT-1270	Exc., Bed., Install. and Backfill. 250mm Pipe from TEE to Connection Outlet pipe (Booster Station) (0+000 to 0+134)	2d	2d	0%	15-Jun-16	19-Jun-16	16-Jun-16	20-Jun-16	0d 3.00h
E-MTR-1650	De-shuttering of 4th Level Columns	2d	2d	0%	15-Jun-16	19-Jun-16	20-Jun-16	23-Jun-16	2d 3.00h
E-SWJ-1080	Construction of Air Release Valve Chamber as per detail C-505A/C-DT62	20d	20d	0%	15-Jun-16	19-Jul-16	18-Sep-16	10-Oct-16	67d 3.00h
E-SWJ-1175	Demolish existing Chamber and associated piping and	5d	5d	0%	15-Jun-16	25-Jun-16	25-Sep-16	29-Sep-16	73d 3.00h
E-SMT-1260	Construction of Meithalun Well Outlet Connection Chamber 150mm (CCH-106)	20d	20d	0%	15-Jun-16	19-Jul-16	07-Nov-16	30-Nov-16	110d 3.00h
E-KFR-2900	Tie roads remove/repair for internal walls	9d	9d	0%	15-Jun-16	02-Jul-16	10-Nov-16	21-Nov-16	113d 3.00h
E-SMT-1255	Construction of 150mm Gate Valve Chamber on the existing pipeline (C-530)	15d	15d	0%	15-Jun-16	13-Jul-16	13-Nov-16	30-Nov-16	115d 3.00h
E-KFR-3000	Tie roads remove/repair for external walls	7d	7d	0%	15-Jun-16	28-Jun-16	13-Nov-16	21-Nov-16	115d 3.00h
E-SMT-1250	Connection to Outlet Pipeline from Booster Station	2d	2d	0%	15-Jun-16	19-Jun-16	29-Nov-16	30-Nov-16	128d 3.00h
E-KFR-1650	Furnish & Install Fence	5d	5d	0%	15-Jun-16	25-Jun-16	24-Jan-17	29-Jan-17	169d 3.00h
E-SWJ-1070	Connection to the existing pipeline	2d	2d	0%	15-Jun-16	19-Jun-16	28-Jan-17	29-Jan-17	172d 3.00h
E-SWJ-1130	Connection to the existing pipeline	2d	2d	0%	15-Jun-16	19-Jun-16	28-Jan-17	29-Jan-17	172d 3.00h
SWJ-TCP-140C	Implement Safety measures and Traffic Control Plan for Zone 01	2d	2d	0%	15-Jun-16	19-Jun-16	15-Feb-17	16-Feb-17	185d 3.00h
E-KRR-2660	Form/Steel Rebars for Foundation	8d	8d	0%	18-Jun-16	02-Jul-16	05-Dec-16	13-Dec-16	132d 3.00h
E-KRR-2510	Cast Concrete	1d	1d	0%	18-Jun-16	19-Jun-16	21-Dec-16	21-Dec-16	144d 3.00h
E-TJT-1000	Exc., Bed., Install. and Backfill. 150mm Talfit - Jalqamus force line from St. 0+000 to St.2+140	20d	20d	0%	19-Jun-16	21-Jul-16	20-Jun-16	21-Jul-16	0d 3.00h
E-MTR-1660	Formwork For Bottom Beams, bottom Slab & Stairs of Reservoir	8d	8d	0%	19-Jun-16	04-Jul-16	23-Jun-16	10-Jul-16	2d 3.00h
SWJ-TCP-141C	Maintain of Traffic Control Plan and Safety measures for Zone 01	141d	141d	0%	19-Jun-16	18-Dec-16	19-Jan-17	19-Jan-17	23d 3.00h
E-SMT-1275	Construction of Meithalun Well Outlet Connection Chamber	20d	20d	0%	19-Jun-16	21-Jul-16	07-Nov-16	30-Nov-16	108d 3.00h

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Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
E-SMT-1272	Connection to Outlet Pipeline from Booster Station	2d	2d	0%	19-Jun-16	22-Jun-16	29-Nov-16	30-Nov-16	126d 3.00h
E-KRR-2530	Form/Steel Rebars for the Retaining Walls with Drain System - Fence Steel Props Installation	14d	14d	0%	19-Jun-16	14-Jul-16	22-Dec-16	12-Jan-17	144d 3.00h
E-KRR-2520	Concrete Curing & Isolation	7d	7d	0%	19-Jun-16	02-Jul-16	03-Jan-17	14-Jan-17	152d 3.00h
AI-MTR-1070	Start of Jalqamus Transmission	0d	0d	0%	19-Jun-16		15-Feb-17		183d 3.00h
E-KFR-1110	Blinding Concret For Manholes	1d	1d	0%	22-Jun-16	25-Jun-16	29-Dec-16	29-Dec-16	147d 3.00h
E-SWJ-1180	Construction of Air Release Valve Chamber as per detail C-505A/C-DT62	20d	20d	0%	25-Jun-16	25-Jul-16	01-Oct-16	23-Oct-16	73d 3.00h
E-KFR-1120	Concrete Curing	7d	7d	0%	25-Jun-16	10-Jul-16	31-Dec-16	09-Jan-17	147d 3.00h
E-KFR-1130	Formwork & Reinf. For Base Slab	2d	2d	0%	25-Jun-16	28-Jun-16	03-Jan-17	04-Jan-17	149d 3.00h
E-ARR-1300	Reservoir Roof Slab - Reinforcing steel & Constuction Joints Installation	8d	8d	0%	27-Jun-16	12-Jul-16	03-Jul-16	16-Jul-16	3d 3.00h
E-KRR-1930	Reservoir base slab - Place concrete (Stage 1)	1d	1d	0%	27-Jun-16	28-Jun-16	16-Jul-16	16-Jul-16	10d 3.00h
E-JLR-1650	Reservoir Roof Slab - Reinforcing steel & installation of seismic cans	5d	5d	0%	27-Jun-16	09-Jul-16	07-Sep-16	17-Sep-16	56d 3.00h
E-KRR-1920	Installing Earthing System	5d	5d	0%	27-Jun-16	09-Jul-16	18-Oct-16	23-Oct-16	87d 3.00h
E-SMT-1605	Asphalt wearing course layer (6 cm) for Sanur - Maythaloun Transmission Pipeline from St. 0+000 to St.1+600	8d	8d	0%	28-Jun-16	13-Jul-16	15-Aug-16	23-Aug-16	35d 3.00h
E-KFR-1140	Casting of Base Slabs of Manholes	1d	1d	0%	28-Jun-16	30-Jun-16	05-Jan-17	05-Jan-17	149d 3.00h
E-KFR-1160	Formwork & Reinf. for Walls and roof slab	8d	8d	0%	30-Jun-16	14-Jul-16	08-Jan-17	18-Jan-17	149d 3.00h
E-KRR-2460	Cast Reinforced Concrete for the Retaining Wall	1d	1d	0%	30-Jun-16	02-Jul-16	09-Jan-17	09-Jan-17	150d 3.00h
E-KFR-1330	Initial Testing (1st Stage) for Water Tightness	7d	7d	0%	02-Jul-16	14-Jul-16	22-Nov-16	29-Nov-16	113d 3.00h
E-KRR-3005	Form/Steel Rebars for Foundation	8d	8d	0%	02-Jul-16	16-Jul-16	14-Dec-16	26-Dec-16	132d 3.00h
E-KRR-2670	Cast Concrete	1d	1d	0%	02-Jul-16	04-Jul-16	24-Dec-16	24-Dec-16	138d 3.00h
E-KRR-2470	Deshuttering & Curing	7d	7d	0%	02-Jul-16	14-Jul-16	12-Jan-17	19-Jan-17	150d 3.00h
E-KFR-3030	Internal & External Ladder For RSV	4d	4d	0%	02-Jul-16	11-Jul-16	19-Jan-17	23-Jan-17	156d 3.00h
E-KFR-1060	Roof Hand Rail & Sideman Way	5d	5d	0%	02-Jul-16	12-Jul-16	24-Jan-17	29-Jan-17	160d 3.00h
E-KFR-1080	Supply And Install Roof Air Vents	5d	5d	0%	02-Jul-16	12-Jul-16	24-Jan-17	29-Jan-17	160d 3.00h
E-KFR-1070	Supply And Install Roof Steel Cover	4d	4d	0%	02-Jul-16	11-Jul-16	25-Jan-17	29-Jan-17	161d 3.00h
E-MTR-1670	Reinforceing of Bottom Beams, bottom Slab &Stairs of R.voir	4d	4d	0%	04-Jul-16	12-Jul-16	11-Jul-16	14-Jul-16	2d 3.00h
E-KRR-2690	Form/Steel Rebars for the Retaining Walls with Drain System - Fence Steel Props Installation	14d	14d	0%	04-Jul-16	24-Jul-16	26-Dec-16	15-Jan-17	138d 3.00h
E-KRR-2680	Concrete Curing & Isolation	7d	7d	0%	04-Jul-16	16-Jul-16	05-Jan-17	16-Jan-17	146d 3.00h
E-JLR-1660	Reservoir Roof Slab - Place concrete (Stage 1-Part A & C)	1d	1d	0%	09-Jul-16	10-Jul-16	18-Sep-16	18-Sep-16	56d 3.00h
E-SWJ-1170	Connection between Talfit Connection Chamber and existing Pipeline	3d	3d	0%	09-Jul-16	12-Jul-16	26-Jan-17	29-Jan-17	160d 3.00h
E-KRR-1960	Reservoir base slab - Place concrete (Stage 2)	1d	1d	0%	10-Jul-16	11-Jul-16	23-Jul-16	23-Jul-16	10d 3.00h
E-KFR-1150	Concrete Curing	7d	7d	0%	10-Jul-16	18-Jul-16	12-Jan-17	19-Jan-17	147d 3.00h
E-KFR-1050	Water Level Indicator	5d	5d	0%	11-Jul-16	17-Jul-16	24-Jan-17	29-Jan-17	156d 3.00h
E-MTR-1680	Installation of Water Stop	1d	1d	0%	12-Jul-16	13-Jul-16	16-Jul-16	16-Jul-16	2d 3.00h
E-MTR-1690	installation of Pipes for W.O & Over Flow , inlet, outlet	1d	1d	0%	12-Jul-16	13-Jul-16	16-Jul-16	16-Jul-16	2d 3.00h
E-ARR-1310	Reservoir Roof Slab - Place concrete (Stage 1-Part A & C)	1d	1d	0%	12-Jul-16	13-Jul-16	17-Jul-16	17-Jul-16	3d 3.00h
E-MTR-1700	Cast-in-place concrete for Bottom Beams, Bottom Slab & Stairs of R.voir	1d	1d	0%	13-Jul-16	14-Jul-16	17-Jul-16	17-Jul-16	2d 3.00h
E-SMT-1615	Milling and Overlay with tack coat (RC) and new 40 mm Ac surface layer for SMT from St. 0+000 to St.1+600	4d	4d	0%	13-Jul-16	18-Jul-16	24-Aug-16	28-Aug-16	35d 3.00h
E-MTR-1710	Installation of Inlet, outlet, washout and overflow Pipes in the Yard including Riprap as per Detail C-332	10d	10d	0%	13-Jul-16	25-Jul-16	22-Sep-16	03-Oct-16	56d 3.00h
E-MTR-1720	Formwork for Lateral Walls of reservoir - Exterior	11d	11d	0%	14-Jul-16	27-Jul-16	18-Jul-16	30-Jul-16	2d 3.00h
E-KFR-5290	O&M Technical Manuals	20d	20d	0%	14-Jul-16	07-Aug-16	19-Dec-16	16-Jan-17	127d 3.00h
E-KRR-2560	Cast Reinforced Concrete for the Retaining Wall	1d	1d	0%	14-Jul-16	16-Jul-16	14-Jan-17	14-Jan-17	144d 3.00h
E-KFR-1170	Casting Walls and roof slab	1d	1d	0%	14-Jul-16	16-Jul-16	19-Jan-17	19-Jan-17	149d 3.00h
E-KRR-2480	Furnish & Install Fence	2d	2d	0%	14-Jul-16	17-Jul-16	21-Jan-17	22-Jan-17	150d 3.00h
E-JLR-1670	Reservoir Roof Slab - Place concrete (Stage 2-Part B & D)	1d	1d	0%	16-Jul-16	17-Jul-16	25-Sep-16	25-Sep-16	56d 3.00h
E-KRR-3010	Cast Concrete	1d	1d	0%	16-Jul-16	17-Jul-16	27-Dec-16	27-Dec-16	132d 3.00h
E-KRR-2540	Deshuttering & Curing For Walls	7d	7d	0%	16-Jul-16	24-Jul-16	15-Jan-17	22-Jan-17	144d 3.00h
E-MTR-1740	Reinforceing of Lateral Walls & Central Column	8d	8d	0%	17-Jul-16	26-Jul-16	20-Jul-16	28-Jul-16	2d 3.00h
E-KRR-1970	Reservoir base slab - Place concrete (Stage 3) - Footing of Columns	1d	1d	0%	17-Jul-16	18-Jul-16	30-Jul-16	30-Jul-16	10d 3.00h
E-JLR-1690	Duct Bank & manholes construction including precast	16d	16d	0%	17-Jul-16	04-Aug-16	26-Sep-16	13-Oct-16	56d 3.00h
E-JLR-1700	Construct Inlet & Outlet Chambers (Valve Vault)	13d	13d	0%	17-Jul-16	01-Aug-16	07-Dec-16	24-Dec-16	117d 3.00h
E-KRR-3020	Form/Steel Rebars for the Retaining Walls with Drain System - Fence Steel Props Installation	14d	14d	0%	17-Jul-16	02-Aug-16	28-Dec-16	17-Jan-17	132d 3.00h
E-KRR-3015	Concrete Curing & Isolation	7d	7d	0%	17-Jul-16	25-Jul-16	09-Jan-17	18-Jan-17	140d 3.00h
E-JLR-1680	Fixing Roof Ventilation	3d	3d	0%	17-Jul-16	20-Jul-16	23-Jan-17	25-Jan-17	150d 3.00h
E-KRR-2000	Reservoir Walls - External formwork	2d	2d	0%	18-Jul-16	20-Jul-16	31-Jul-16	01-Aug-16	10d 3.00h
E-SMT-1305	Base course layer (150mm & 200mm) for Sanur - Maythaloun Transmission Pipeline from St. 1+600 to	4d	4d	0%	18-Jul-16	23-Jul-16	29-Aug-16	01-Sep-16	35d 3.00h
E-KRR-1990	Curing	7d	7d	0%	18-Jul-16	26-Jul-16	01-Nov-16	08-Nov-16	86d 3.00h
E-KFR-1180	Concrete Curing & Isolation	7d	7d	0%	18-Jul-16	26-Jul-16	21-Jan-17	28-Jan-17	147d 3.00h
E-ARR-1320	Reservoir Roof Slab - Place concrete (Stage 2-Part B & D)	1d	1d	0%	19-Jul-16	20-Jul-16	24-Jul-16	24-Jul-16	3d 3.00h
E-SWJ-1100	Construction of Air Release Valve Chamber as per detail C-505A/C-DT62	20d	20d	0%	19-Jul-16	11-Aug-16	11-Oct-16	02-Nov-16	67d 3.00h
E-SWJ-1090	Connection to the existing pipeline	2d	2d	0%	19-Jul-16	21-Jul-16	28-Jan-17	29-Jan-17	152d 3.00h
E-MTR-1730	Formwork for Lateral Walls & Central Column - Interior	5d	5d	0%	20-Jul-16	26-Jul-16	24-Jul-16	28-Jul-16	2d 3.00h
E-AJR-1690	Construction of Lean Concrete under Reservoir	5d	5d	0%	20-Jul-16	26-Jul-16	25-Jul-16	30-Jul-16	3d 3.00h
E-ARR-1430	Duct Bank & manholes construction including pre-cast	16d	16d	0%	20-Jul-16	08-Aug-16	27-Sep-16	15-Oct-16	54d 3.00h
E-KFR-3010	Apply Epoxy Paint (Internal Walls) & Base	15d	15d	0%	20-Jul-16	07-Aug-16	06-Dec-16	26-Dec-16	113d 3.00h
E-ARR-1330	Construct Inlet & Outlet Chamber (Valve Vault)	21d	21d	0%	20-Jul-16	14-Aug-16	11-Dec-16	09-Jan-17	117d 3.00h
E-JLR-1440	Installation of Access Gate	3d	3d	0%	20-Jul-16	24-Jul-16	26-Jan-17	29-Jan-17	150d 3.00h
E-ARR-1560	Fixing Roof Ventilation	1d	1d	0%	20-Jul-16	21-Jul-16	16-Feb-17	16-Feb-17	165d 3.00h
E-JLT-0020	Exc., Bed., Install. and Backfill. 150mm Jalqamus pipeline from St. 0+190 to St.1+880	14d	14d	0%	21-Jul-16	07-Aug-16	23-Jul-16	07-Aug-16	0d 3.00h
E-KRR-2010	Reservoir Walls & Columns - Reinforcing steel & vertical water stop installation	12d	12d	0%	21-Jul-16	04-Aug-16	03-Aug-16	16-Aug-16	10d 3.00h

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Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
E-TJT-1025	Construction of AAU Connection Chamber at Station 0+620 (CHD-155) including connect to Existing Pipeline and 100mm pipe	20d	20d	0%	21-Jul-16	14-Aug-16	07-Nov-16	30-Nov-16	88d 3.00h
E-TJT-1010	Construction of 75mm Air Release Valve Chamber at Station 0+410 on 150mm pipe	15d	15d	0%	21-Jul-16	08-Aug-16	13-Nov-16	30-Nov-16	93d 3.00h
E-TJT-1020	Construction of 150mm Gate Valve Chamber at Station 0+500	15d	15d	0%	21-Jul-16	08-Aug-16	13-Nov-16	30-Nov-16	93d 3.00h
E-TJT-1030	Construction of 75mm Air Release Valve Chamber at Station 0+910 on 150mm pipe	15d	15d	0%	21-Jul-16	08-Aug-16	13-Nov-16	30-Nov-16	93d 3.00h
E-TJT-1040	Construction of 150mm Gate Valve Chamber at Station 0+500	15d	15d	0%	21-Jul-16	08-Aug-16	13-Nov-16	30-Nov-16	93d 3.00h
E-TJT-1050	Construction of 75mm Air Release Valve Chamber at Station 1+410 on 150mm pipe	15d	15d	0%	21-Jul-16	08-Aug-16	13-Nov-16	30-Nov-16	93d 3.00h
E-TJT-1060	Construction of 150mm Gate Valve Chamber at Station 0+500	15d	15d	0%	21-Jul-16	08-Aug-16	13-Nov-16	30-Nov-16	93d 3.00h
E-TJT-1070	Construction of 75mm Air Release Valve Chamber at Station 1+910 on 150mm pipe	15d	15d	0%	21-Jul-16	08-Aug-16	13-Nov-16	30-Nov-16	93d 3.00h
E-TJT-1080	Construction of 150mm Gate Valve Chamber at Station 0+500	15d	15d	0%	21-Jul-16	08-Aug-16	13-Nov-16	30-Nov-16	93d 3.00h
E-TJT-1090	Construction of 75mm Washout Chamber at station 2+080 on 150mm pipe	15d	15d	0%	21-Jul-16	08-Aug-16	13-Nov-16	30-Nov-16	93d 3.00h
E-TJT-1045	Construction of Tanin Connection Chamber at station 1+030 including 100mm pipe and connect to existing pipeline (CHD-157)	15d	15d	0%	21-Jul-16	08-Aug-16	13-Nov-16	30-Nov-16	93d 3.00h
E-TJT-1100	Double Trench for 150mm Telfit-Jalqamus (St. 2+140 to St. 2+330) & 150 mm Jalqamus-Umatut pipes (St. 0+000 to St. 0+190)	4d	4d	0%	21-Jul-16	26-Jul-16	18-Jan-17	22-Jan-17	142d 3.00h
E-TJT-0990	Telfit Junction Connection to Existing Pipeline	2d	2d	0%	21-Jul-16	24-Jul-16	15-Feb-17	16-Feb-17	163d 3.00h
E-SMT-1625	Asphalt wearing course layer (6 cm) for Sanur - Maythaloun Transmission Pipeline from St. 1+600 to St.2+080	3d	3d	0%	23-Jul-16	26-Jul-16	03-Sep-16	05-Sep-16	35d 3.00h
E-KRR-2700	Cast Reinforced Concrete for the Retaining Wall	1d	1d	0%	24-Jul-16	25-Jul-16	16-Jan-17	16-Jan-17	138d 3.00h
E-KRR-2550	Furnish & Install Fence	2d	2d	0%	24-Jul-16	26-Jul-16	23-Jan-17	24-Jan-17	144d 3.00h
E-MTR-1760	Install all piping and appurtenances including control valve, backflow valve, check valve, misc	10d	10d	0%	25-Jul-16	06-Aug-16	04-Oct-16	15-Oct-16	56d 3.00h
E-SWJ-1200	Demolish existing Chamber and associated piping and	5d	5d	0%	25-Jul-16	31-Jul-16	24-Oct-16	29-Oct-16	73d 3.00h
E-KRR-2710	Deshuttering & Curing For Wall	7d	7d	0%	25-Jul-16	02-Aug-16	17-Jan-17	24-Jan-17	138d 3.00h
E-JLR-1710	Installing Hand Rail	5d	5d	0%	25-Jul-16	31-Jul-16	22-Jan-17	26-Jan-17	142d 3.00h
E-SWJ-1190	Connection to the existing pipeline	4d	4d	0%	25-Jul-16	30-Jul-16	25-Jan-17	29-Jan-17	145d 3.00h
E-MTR-1750	Cast-in-place concrete for Lateral Walls & Central Column	1d	1d	0%	26-Jul-16	27-Jul-16	30-Jul-16	30-Jul-16	2d 3.00h
E-AJR-1450	Installation of perforated pipes	2d	2d	0%	26-Jul-16	28-Jul-16	31-Jul-16	01-Aug-16	3d 3.00h
E-SMT-1315	200 mm Subgrade layer for Sanur - Maythaloun Transmission Pipeline from St. 2+080 to St.2+840	4d	4d	0%	26-Jul-16	31-Jul-16	06-Sep-16	10-Sep-16	35d 3.00h
E-KRR-2020	Water proofing & backfilling	1d	1d	0%	26-Jul-16	27-Jul-16	09-Nov-16	09-Nov-16	86d 3.00h
E-AJR-1700	Excavation for Foundation & Subgrade layer Compaction	4d	4d	0%	26-Jul-16	31-Jul-16	09-Nov-16	13-Nov-16	86d 3.00h
E-AJR-1000	Excavation to the required level for Access Road to Ajja Reservoir	4d	4d	0%	26-Jul-16	31-Jul-16	28-Dec-16	02-Jan-17	124d 3.00h
E-JLR-1030	Spreading and Compaction of 20cm Base Course for Access Road to Jalqamus Reservoir from Station 0+000 to Station 0+165	3d	3d	0%	26-Jul-16	30-Jul-16	23-Jan-17	25-Jan-17	142d 3.00h
E-KFR-1190	Instalation of Roof Cover	1d	1d	0%	26-Jul-16	27-Jul-16	29-Jan-17	29-Jan-17	147d 3.00h
E-KFR-3020	Apply External paint for Walls & Roof Slab	7d	7d	0%	27-Jul-16	04-Aug-16	22-Jan-17	29-Jan-17	140d 3.00h
E-AJR-1320	Reservoir base slab - Formwork	5d	5d	0%	28-Jul-16	03-Aug-16	02-Aug-16	07-Aug-16	3d 3.00h
E-ARR-1570	Installing Hand Rail	2d	2d	0%	28-Jul-16	31-Jul-16	14-Feb-17	15-Feb-17	156d 3.00h
E-JLR-1040	Asphalt Wearing Course Layer 7cm for Access Road to Jalqamus Reservoir from Station 0+000 to Station 0+165 including MC	1d	1d	0%	30-Jul-16	31-Jul-16	26-Jan-17	26-Jan-17	142d 3.00h
E-SMT-1635	200 mm Base course layer for Sanur - Maythaloun Transmission Pipeline from St. 2+080 to St.2+840	4d	4d	0%	31-Jul-16	04-Aug-16	15-Sep-16	19-Sep-16	35d 3.00h
E-MTR-1770	De-shuttering of Bottom Beams & Slab&Stair of R.oir	3d	3d	0%	31-Jul-16	03-Aug-16	27-Oct-16	30-Oct-16	71d 3.00h
E-SWJ-1210	Construction of Washout Chamber as per detail C-503/C-DT60	20d	20d	0%	31-Jul-16	23-Aug-16	30-Oct-16	22-Nov-16	73d 3.00h
E-AJR-1710	Form/Steel Rebars for Foundation	8d	8d	0%	31-Jul-16	09-Aug-16	14-Nov-16	23-Nov-16	86d 3.00h
E-AJR-1780	Excavation for Foundation&Subgrade layer Compaction	4d	4d	0%	31-Jul-16	04-Aug-16	20-Nov-16	23-Nov-16	90d 3.00h
E-AJR-1010	Structural Excavation for Retaining Wall from Station 0+180 to Station 0+190	3d	3d	0%	31-Jul-16	03-Aug-16	03-Jan-17	05-Jan-17	124d 3.00h
E-AJP-1172	Exc., Bed., Install. and Backfill. 200mm Ajja Force and Feeder Line from St. 0+000 to St. 0+440 (Double)	6d	6d	0%	31-Jul-16	07-Aug-16	15-Jan-17	21-Jan-17	131d 3.00h
E-AAT-1210	Connection of Ajja Feeder Line to Reservoir	2d	2d	0%	31-Jul-16	02-Aug-16	22-Jan-17	23-Jan-17	137d 3.00h
E-JLR-1045	Concrete Ditches for Access Road to Jalqamus Reservoir from Station 0+000 to Station 0+165	1d	1d	0%	31-Jul-16	01-Aug-16	28-Jan-17	28-Jan-17	142d 3.00h
E-JLR-1720	Fixing external ladder	2d	2d	0%	31-Jul-16	02-Aug-16	28-Jan-17	29-Jan-17	142d 3.00h
E-ARR-1580	Fixing external ladder	1d	1d	0%	31-Jul-16	01-Aug-16	16-Feb-17	16-Feb-17	156d 3.00h
E-JLR-1930	Excavate to the required depth as per design drawings	6d	6d	0%	01-Aug-16	08-Aug-16	26-Dec-16	02-Jan-17	117d 3.00h
E-JLR-1050	Road Marking for Access Road to Jalqamus Reservoir from Station 0+000 to Station 0+165	1d	1d	0%	01-Aug-16	02-Aug-16	29-Jan-17	29-Jan-17	142d 3.00h
E-JLR-1730	Deshuttering Formwork for Roof Slab	5d	5d	0%	02-Aug-16	08-Aug-16	08-Nov-16	13-Nov-16	79d 3.00h
E-KRR-3025	Cast Reinforced Concrete for the Retaining Wall	1d	1d	0%	02-Aug-16	03-Aug-16	18-Jan-17	18-Jan-17	132d 3.00h
E-KRR-2720	Furnish & Install Fence	2d	2d	0%	02-Aug-16	04-Aug-16	25-Jan-17	26-Jan-17	138d 3.00h
E-AJR-1560	Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and Other Pipes)	2d	2d	0%	03-Aug-16	06-Aug-16	08-Aug-16	09-Aug-16	3d 3.00h
E-AJR-1030	Construction of Retaining Wall from Station 0+180 to Station 0+190	12d	12d	0%	03-Aug-16	17-Aug-16	08-Jan-17	23-Jan-17	124d 3.00h
E-KRR-3030	Deshuttering & Curing For Walls	7d	7d	0%	03-Aug-16	11-Aug-16	19-Jan-17	26-Jan-17	132d 3.00h
E-MTR-1780	De-shuttering of Lateral Walls & Central Columns	5d	5d	0%	04-Aug-16	10-Aug-16	08-Aug-16	13-Aug-16	2d 3.00h
E-KRR-2030	Reservoir Walls & Columns - Internal formwork - (Stage 1)	8d	8d	0%	04-Aug-16	14-Aug-16	17-Aug-16	25-Aug-16	10d 3.00h
E-SMT-1575	200mm Base course Reinstatement over trench of Sanur - Maythaloun Transmission Pipeline from St. 2+840 to	12d	12d	0%	04-Aug-16	18-Aug-16	20-Sep-16	03-Oct-16	35d 3.00h
E-SMT-1655	100mm Base course Reinstatement for shoulder of Sanur - Maythaloun Transmission Pipeline from St. 2+840 to	12d	12d	0%	04-Aug-16	18-Aug-16	20-Sep-16	03-Oct-16	35d 3.00h
E-JLR-1740	Construct Bases for external power lighting	21d	21d	0%	04-Aug-16	29-Aug-16	15-Oct-16	07-Nov-16	56d 3.00h
E-AJR-1860	Excavation for Foundation&Subgrade layer Compaction	4d	4d	0%	04-Aug-16	09-Aug-16	29-Nov-16	03-Dec-16	94d 3.00h
E-SMT-1645	Asphalt wearing course layer (6 cm) for Sanur - Maythaloun Transmission Pipeline from St. 2+080 to St.2+840	3d	3d	0%	04-Aug-16	08-Aug-16	11-Feb-17	13-Feb-17	147d 3.00h
E-AJR-1570	Reservoir base slab reinforcing steel & water stop installation	8d	8d	0%	06-Aug-16	15-Aug-16	10-Aug-16	18-Aug-16	3d 3.00h
E-MTR-1790	O&M Technical Manuals	20d	20d	0%	06-Aug-16	29-Aug-16	16-Oct-16	07-Nov-16	56d 3.00h

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Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
E-ARR-1340	Deshuttering Formwork for Roof Slab	5d	5d	0%	06-Aug-16	11-Aug-16	21-Nov-16	26-Nov-16	86d 3.00h
E-JMT-1000	Exc., Bed., Install. and Backfill. 150mm Jalqamus to Al Mughayyir pipeline from St. 0+000 to St.2+000	17d	17d	0%	07-Aug-16	27-Aug-16	08-Aug-16	27-Aug-16	0d 3.00h
E-JLT-1010	Construction of Jalqamous Connection Chamber (CHD-171) including 100mm Connection Pipe	20d	20d	0%	07-Aug-16	30-Aug-16	07-Nov-16	30-Nov-16	74d 3.00h
E-JLT-1070	Construction of Umatut Connection Chamber (CHD-173) including 100mm Connection Pipe	20d	20d	0%	07-Aug-16	30-Aug-16	07-Nov-16	30-Nov-16	74d 3.00h
E-JLT-1020	Construction of 75mm Air Release Valve Chamber at station 0+325 on 150mm pipe	15d	15d	0%	07-Aug-16	24-Aug-16	13-Nov-16	30-Nov-16	79d 3.00h
E-JLT-1040	Construction of 75mm Air Release Valve Chamber at station 0+715 on 150mm pipe	15d	15d	0%	07-Aug-16	24-Aug-16	13-Nov-16	30-Nov-16	79d 3.00h
E-JLT-1060	Construction of 75mm Air Release Valve Chamber at station 1+162 on 150mm pipe	15d	15d	0%	07-Aug-16	24-Aug-16	13-Nov-16	30-Nov-16	79d 3.00h
E-JLT-1080	Construction of 75mm Air Release Valve Chamber at station 1+590 on 150mm pipe	15d	15d	0%	07-Aug-16	24-Aug-16	13-Nov-16	30-Nov-16	79d 3.00h
E-JLT-1030	Construction of 150mm Gate Valve Chamber at Station 0+520	13d	13d	0%	07-Aug-16	22-Aug-16	16-Nov-16	30-Nov-16	81d 3.00h
E-JLT-1050	Construction of 75mm Washout Chamber at station 0+885 on 150mm pipe	13d	13d	0%	07-Aug-16	22-Aug-16	16-Nov-16	30-Nov-16	81d 3.00h
E-JLT-1000	Construction of 75mm Washout Chamber at station 0+190 on 150mm pipe	13d	13d	0%	07-Aug-16	22-Aug-16	16-Nov-16	30-Nov-16	81d 3.00h
E-JLT-1090	Construction of 75mm Washout Chamber at station 1+870 on 150mm pipe	13d	13d	0%	07-Aug-16	22-Aug-16	16-Nov-16	30-Nov-16	81d 3.00h
E-JLT-1110	Construction of 150mm Gate Valve Chamber at Station 1+275	13d	13d	0%	07-Aug-16	22-Aug-16	16-Nov-16	30-Nov-16	81d 3.00h
E-AJP-1175	Connection of Ajja Force Line to Reservoir	2d	2d	0%	07-Aug-16	09-Aug-16	22-Jan-17	23-Jan-17	131d 3.00h
E-ARR-1440	Construct Bases for external power lighting	21d	21d	0%	08-Aug-16	01-Sep-16	16-Oct-16	08-Nov-16	54d 3.00h
E-JLR-1770	Repair of Internal Walls	14d	14d	0%	08-Aug-16	24-Aug-16	14-Nov-16	30-Nov-16	79d 3.00h
E-JLR-1780	Install steel pipes inside reservoir - Outlet	5d	5d	0%	08-Aug-16	14-Aug-16	27-Nov-16	01-Dec-16	89d 3.00h
E-JLR-1640	Repair & applying external paint for the reservoir	14d	14d	0%	08-Aug-16	24-Aug-16	14-Jan-17	29-Jan-17	123d 3.00h
E-JLR-1750	Install water level indicator & Access Cover	3d	3d	0%	08-Aug-16	11-Aug-16	26-Jan-17	29-Jan-17	134d 3.00h
E-AJR-1790	Form/Steel Rebars for Foundation	8d	8d	0%	09-Aug-16	18-Aug-16	24-Nov-16	03-Dec-16	86d 3.00h
E-AJR-1960	Excavation for Foundation&Subgrade layer Compaction	4d	4d	0%	09-Aug-16	14-Aug-16	08-Dec-16	12-Dec-16	98d 3.00h
E-AJR-1720	Cast Concrete	1d	1d	0%	09-Aug-16	10-Aug-16	18-Dec-16	18-Dec-16	104d 3.00h
E-AJR-1740	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	14d	0%	10-Aug-16	27-Aug-16	19-Dec-16	05-Jan-17	104d 3.00h
E-AJR-1730	Concrete Curing & Isolation	7d	7d	0%	10-Aug-16	18-Aug-16	28-Jan-17	04-Feb-17	133d 3.00h
E-SWJ-1140	Construction of Air Release Valve Chamber as per detail C-505A/C-DT62	20d	20d	0%	11-Aug-16	04-Sep-16	03-Nov-16	27-Nov-16	67d 3.00h
E-ARR-1600	Repair of Internal Walls	10d	10d	0%	11-Aug-16	23-Aug-16	27-Nov-16	07-Dec-16	86d 3.00h
E-ARR-1610	Install steel pipes inside reservoir - Outlet	5d	5d	0%	11-Aug-16	17-Aug-16	04-Dec-16	08-Dec-16	92d 3.00h
E-ARR-1420	Furnish and installation of Lightning Protection and Grounding System	10d	10d	0%	11-Aug-16	23-Aug-16	20-Dec-16	02-Jan-17	104d 3.00h
E-SWJ-1110	Connection to the existing pipeline	2d	2d	0%	11-Aug-16	14-Aug-16	28-Jan-17	29-Jan-17	132d 3.00h
E-KRR-3035	Furnish & Install Fence	2d	2d	0%	11-Aug-16	14-Aug-16	28-Jan-17	29-Jan-17	132d 3.00h
E-ARR-1590	Install water level indicator & Access Cover	3d	3d	0%	11-Aug-16	15-Aug-16	14-Feb-17	16-Feb-17	144d 3.00h
E-KFR-1200	Installation of Inlet, Pipes In The Yard	4d	4d	0%	14-Aug-16	17-Aug-16	30-Nov-16	04-Dec-16	88d
E-KFR-1210	Installation of Outlet Pipes In The Yard	4d	4d	0%	14-Aug-16	17-Aug-16	30-Nov-16	04-Dec-16	88d
E-KFR-1220	Installation of Wash Out In The Yard	4d	4d	0%	14-Aug-16	17-Aug-16	30-Nov-16	04-Dec-16	88d
E-KFR-1230	Installation of Over Flow In The Yard	4d	4d	0%	14-Aug-16	17-Aug-16	30-Nov-16	04-Dec-16	88d
E-JLR-1760	Install buried & Non buried steel pipes & fittings- Outlet and Drain Structure Outlet	5d	5d	0%	14-Aug-16	18-Aug-16	09-Jan-17	16-Jan-17	117d
E-KRR-2040	Reservoir Walls & Columns - Place concrete (Stage 1)	1d	1d	0%	14-Aug-16	15-Aug-16	27-Aug-16	27-Aug-16	10d 3.00h
E-KRR-2050	Reservoir Walls - Internal formwork - (Stage 2-Walls 2,4,6 & 8)	8d	8d	0%	14-Aug-16	23-Aug-16	30-Aug-16	07-Sep-16	13d 3.00h
E-ARR-1370	Install buried & Non buried steel pipes & fittings- Outlet Including Outlet Drain Structure	10d	10d	0%	14-Aug-16	25-Aug-16	12-Jan-17	23-Jan-17	117d 3.00h
E-AJR-1330	Reservoir base slab - Place concrete (Stage 1)	1d	1d	0%	15-Aug-16	16-Aug-16	20-Aug-16	20-Aug-16	3d 3.00h
E-AJR-1250	Installing Earthing System	5d	5d	0%	15-Aug-16	21-Aug-16	12-Nov-16	17-Nov-16	71d 3.00h
E-AJR-1640	Reservoir base slab - Place concrete (Stage 2)	1d	1d	0%	16-Aug-16	17-Aug-16	21-Aug-16	21-Aug-16	3d 3.00h
E-AJR-1650	Reservoir base slab - Place concrete (Stage 3) - Footing of Columns	1d	1d	0%	17-Aug-16	18-Aug-16	22-Aug-16	22-Aug-16	3d 3.00h
E-AJR-1040	Spreading and Compaction of 20cm Base Course for Access Road to Ajja Reservoir from Station 0+000 to Station 0+238	3d	3d	0%	17-Aug-16	21-Aug-16	24-Jan-17	26-Jan-17	124d 3.00h
E-KFR-1240	Supply & Installation of Inlet & Outlet Fittings	7d	7d	0%	18-Aug-16	25-Aug-16	05-Dec-16	12-Dec-16	88d
E-MTR-1800	Formwork for Roof Beams, roof Slab & Stairs	8d	8d	0%	18-Aug-16	28-Aug-16	22-Aug-16	30-Aug-16	2d 3.00h
E-AJR-1590	Reservoir Walls - External formwork	2d	2d	0%	18-Aug-16	21-Aug-16	23-Aug-16	24-Aug-16	3d 3.00h
E-TJT-1120	200 mm Basecourse Reinstatement over trench for Talfit - Jalqamus line from St. 0+000 to St.2+140	19d	19d	0%	18-Aug-16	10-Sep-16	04-Oct-16	25-Oct-16	35d 3.00h
E-TJT-1125	100 mm Basecourse Layer for shoulder width for Talfit - Jalqamus line from St. 0+000 to St.2+140	19d	19d	0%	18-Aug-16	10-Sep-16	04-Oct-16	25-Oct-16	35d 3.00h
E-AJR-1580	Curing	7d	7d	0%	18-Aug-16	27-Aug-16	27-Nov-16	04-Dec-16	80d 3.00h
E-AJR-1870	Form/Steel Rebars for Foundation	8d	8d	0%	18-Aug-16	28-Aug-16	04-Dec-16	12-Dec-16	86d 3.00h
E-AJR-1800	Cast Concrete	1d	1d	0%	18-Aug-16	20-Aug-16	20-Dec-16	20-Dec-16	98d 3.00h
E-JLR-1790	Install buried steel pipes & fittings - Washout	5d	5d	0%	20-Aug-16	24-Aug-16	17-Jan-17	22-Jan-17	117d
E-AJR-1820	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	14d	0%	20-Aug-16	05-Sep-16	21-Dec-16	09-Jan-17	98d 3.00h
E-AJR-1810	Concrete Curing & Isolation	7d	7d	0%	20-Aug-16	28-Aug-16	02-Jan-17	12-Jan-17	106d 3.00h
E-AJR-1050	Asphalt Wearing Course Layer 7cm for Access Road to Ajja Reservoir from Station 0+000 to Station 0+238 including MC	1d	1d	0%	21-Aug-16	22-Aug-16	28-Jan-17	28-Jan-17	124d 3.00h
E-AJR-1340	Reservoir Walls & Columns - Reinforcing steel & vertical water stop installation	12d	12d	0%	22-Aug-16	05-Sep-16	27-Aug-16	08-Sep-16	3d 3.00h
E-AJR-1060	Road Marking for Access Road to Ajja Reservoir from Station 0+000 to Station 0+238	1d	1d	0%	22-Aug-16	23-Aug-16	29-Jan-17	29-Jan-17	124d 3.00h
E-SWJ-1220	Connection to the existing pipeline	3d	3d	0%	23-Aug-16	27-Aug-16	23-Nov-16	26-Nov-16	73d 3.00h
E-ARR-1620	Fixing internal stainless steel access ladder	1d	1d	0%	23-Aug-16	24-Aug-16	08-Dec-16	08-Dec-16	86d 3.00h
E-JLR-1810	Fixing internal stainless steel access ladder	1d	1d	0%	24-Aug-16	25-Aug-16	01-Dec-16	01-Dec-16	79d 3.00h
E-ARR-1630	Initial Testing (1st Stage) for Water Tightness	7d	7d	0%	24-Aug-16	01-Sep-16	10-Dec-16	19-Dec-16	86d 3.00h
E-JLR-1800	Install buried & Non buried steel pipes & fittings - Inlet	3d	3d	0%	25-Aug-16	28-Aug-16	23-Jan-17	25-Jan-17	117d
E-AJR-1350	Reservoir Walls & Columns - Internal formwork - (Stage 1)	8d	8d	0%	25-Aug-16	04-Sep-16	30-Aug-16	07-Sep-16	3d 3.00h
E-JLR-3000	Initial Testing (1st Stage) for Water Tightness	7d	7d	0%	25-Aug-16	03-Sep-16	08-Dec-16	18-Dec-16	84d 3.00h

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Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
E-JLR-5260	O&M Technical Manuals	20d	20d	0%	25-Aug-16	22-Sep-16	19-Dec-16	16-Jan-17	91d 3.00h
E-JLR-1940	Furnishing, leveling, and compaction of selected fill for subgrade layer	6d	6d	0%	25-Aug-16	01-Sep-16	03-Jan-17	12-Jan-17	102d 3.00h
E-ARR-1380	Install buried steel pipes & fittings - Washout	5d	5d	0%	25-Aug-16	31-Aug-16	24-Jan-17	29-Jan-17	117d 3.00h
E-KFR-1250	Supply & Installation of W.O & Overflow Fittings	3d	3d	0%	27-Aug-16	29-Aug-16	13-Dec-16	18-Dec-16	88d
E-JMT-1010	Exc., Bed., Install. and Backfill. 150mm Jalqamus to Al Mughayyir pipeline from St. 2+000 to St.2+776	7d	7d	0%	27-Aug-16	04-Sep-16	28-Aug-16	04-Sep-16	0d 3.00h
E-KRR-2060	Reservoir Walls - Place concrete (Stage 2)	1d	1d	0%	27-Aug-16	28-Aug-16	08-Sep-16	08-Sep-16	10d 3.00h
E-JMT-1020	Construction of Al Mughayyir Connection Chamber (CHD-191)	20d	20d	0%	27-Aug-16	24-Sep-16	07-Nov-16	30-Nov-16	57d 3.00h
E-JMT-1030	Construction of 75mm Air Release Valve Chamber at station 0+470 on 150mm pipe	15d	15d	0%	27-Aug-16	18-Sep-16	13-Nov-16	30-Nov-16	62d 3.00h
E-JMT-1060	Construction of 75mm Air Release Valve Chamber at station 1+015 on 150mm pipe	15d	15d	0%	27-Aug-16	18-Sep-16	13-Nov-16	30-Nov-16	62d 3.00h
E-JMT-1070	Construction of 75mm Washout Chamber at station 1+430 on 150mm pipe	15d	15d	0%	27-Aug-16	18-Sep-16	13-Nov-16	30-Nov-16	62d 3.00h
E-JMT-1080	Construction of 75mm Air Release Valve Chamber at station 1+690 on 150mm pipe	15d	15d	0%	27-Aug-16	18-Sep-16	13-Nov-16	30-Nov-16	62d 3.00h
E-JMT-1090	Construction of 75mm Air Release Valve Chamber at station 1+970 on 150mm pipe	15d	15d	0%	27-Aug-16	18-Sep-16	13-Nov-16	30-Nov-16	62d 3.00h
E-JMT-1040	Construction of 150mm Gate Valve Chamber at Station 0+500	13d	13d	0%	27-Aug-16	15-Sep-16	16-Nov-16	30-Nov-16	64d 3.00h
E-JMT-1050	Construction of 150mm Gate Valve Chamber at Station 1+000	13d	13d	0%	27-Aug-16	15-Sep-16	16-Nov-16	30-Nov-16	64d 3.00h
E-JMT-1100	Construction of 150mm Gate Valve Chamber at Station 2+000	13d	13d	0%	27-Aug-16	15-Sep-16	16-Nov-16	30-Nov-16	64d 3.00h
E-SWJ-1225	Remove all Mechanical fittings and Replace with pipe spool	3d	3d	0%	27-Aug-16	30-Aug-16	27-Nov-16	29-Nov-16	73d 3.00h
E-AJR-1630	Water proofing & backfilling	1d	1d	0%	27-Aug-16	28-Aug-16	05-Dec-16	05-Dec-16	80d 3.00h
E-AJR-1750	Cast Reinforced Concrete for the Retaining Wall	1d	1d	0%	27-Aug-16	28-Aug-16	08-Jan-17	08-Jan-17	104d 3.00h
E-MTR-1810	Reinforcement of Roof Beams, roof Slab & Stair	6d	6d	0%	28-Aug-16	04-Sep-16	31-Aug-16	06-Sep-16	2d 3.00h
E-AJR-1970	Form/Steel Rebars for Foundation	8d	8d	0%	28-Aug-16	06-Sep-16	13-Dec-16	24-Dec-16	86d 3.00h
E-AJR-1880	Cast Concrete	1d	1d	0%	28-Aug-16	29-Aug-16	22-Dec-16	22-Dec-16	92d 3.00h
E-AJR-1760	Deshuttering & Curing	7d	7d	0%	28-Aug-16	05-Sep-16	09-Jan-17	18-Jan-17	104d 3.00h
E-JLR-1830	Install buried steel pipes & fittings - Overflow	3d	3d	0%	29-Aug-16	31-Aug-16	26-Jan-17	29-Jan-17	117d
E-AJR-1900	Form/Steel Rebars for the Retaining Walls with Drain System - Fence Steel Props Installation	14d	14d	0%	29-Aug-16	19-Sep-16	24-Dec-16	14-Jan-17	92d 3.00h
E-AJR-1890	Concrete Curing & Isolation	7d	7d	0%	29-Aug-16	06-Sep-16	04-Jan-17	15-Jan-17	100d 3.00h
E-KFR-1920	Miscellaneous Backfilling: Furnishing, leveling, and compaction of selected fill for subgrade layer	3d	3d	0%	30-Aug-16	01-Sep-16	19-Dec-16	21-Dec-16	88d
E-KFR-5275	Testing, Adjusting, Cleaning, Disinfection, Commissioning, and Operator Instruction 2nd Stage	14d	14d	0%	30-Aug-16	19-Sep-16	27-Dec-16	16-Jan-17	94d
E-SWJ-1230	Demolish existing Rama Connection Chamber to surface level	5d	5d	0%	30-Aug-16	05-Sep-16	30-Nov-16	05-Dec-16	73d 3.00h
E-ARR-1390	Install buried & Non buried steel pipes & fittings - Inlet including Valve Vault	10d	10d	0%	31-Aug-16	17-Sep-16	30-Jan-17	13-Feb-17	117d 3.00h
E-ARR-1450	Cable pulling	5d	5d	0%	01-Sep-16	07-Sep-16	09-Nov-16	14-Nov-16	54d 3.00h
E-ARR-5290	O&M Technical Manuals	20d	20d	0%	01-Sep-16	29-Sep-16	05-Jan-17	31-Jan-17	98d 3.00h
E-JLR-1950	Compacted base course for site grading, 200 mm layer	5d	5d	0%	01-Sep-16	07-Sep-16	14-Jan-17	18-Jan-17	102d 3.00h
E-KFR-1930	Compacted base course for site grading, 200 mm layer	7d	7d	0%	03-Sep-16	10-Sep-16	22-Dec-16	31-Dec-16	88d
SWJ-2020	Installation of Cathodic Protection system - Anode and Test Station for Zone 1	20d	20d	0%	04-Sep-16	02-Oct-16	05-Sep-16	02-Oct-16	0d 3.00h
E-MTR-1820	Ventilation Pipes & W.L. Indicators	3d	3d	0%	04-Sep-16	07-Sep-16	07-Sep-16	10-Sep-16	2d 3.00h
E-AJR-1600	Reservoir Walls - Internal formwork - (Stage 2-Walls 2,4,6 & 8)	8d	8d	0%	04-Sep-16	18-Sep-16	08-Sep-16	21-Sep-16	3d 3.00h
E-JMT-1120	Construction of 75mm Air Release Valve Chamber at station 2+430 on 150mm pipe	15d	15d	0%	04-Sep-16	26-Sep-16	13-Nov-16	30-Nov-16	55d 3.00h
E-JMT-1110	Construction of 150mm Gate Valve Chamber at Station 2+050 including connection to Existing Manhole	13d	13d	0%	04-Sep-16	24-Sep-16	16-Nov-16	30-Nov-16	57d 3.00h
E-JMT-1130	Construction of 150mm Gate Valve Chamber at Station 2+500	13d	13d	0%	04-Sep-16	24-Sep-16	16-Nov-16	30-Nov-16	57d 3.00h
SWJ-2130	Mechanical Installation for Air Valves and Washouts chambers - Zone 04	24d	24d	0%	04-Sep-16	06-Oct-16	28-Nov-16	28-Dec-16	67d 3.00h
E-SWJ-1150	Connection to the existing pipeline	4d	4d	0%	04-Sep-16	08-Sep-16	25-Jan-17	29-Jan-17	110d 3.00h
E-AJR-1360	Reservoir Walls & Columns - Place concrete (Stage 1)	1d	1d	0%	05-Sep-16	06-Sep-16	21-Sep-16	21-Sep-16	9d 3.00h
E-KRR-2070	Reservoir Roof Slab - Formwork	12d	12d	0%	05-Sep-16	24-Sep-16	22-Sep-16	05-Oct-16	10d 3.00h
E-SWJ-1240	Construction of new Proposed Rama Connection Chamber as per detail CHD-242	20d	20d	0%	05-Sep-16	03-Oct-16	06-Dec-16	02-Jan-17	73d 3.00h
E-AJR-1850	Cast Reinforced Concrete for the Retaining Wall	1d	1d	0%	05-Sep-16	06-Sep-16	12-Jan-17	12-Jan-17	98d 3.00h
E-AJR-1770	Furnish & Install Fence	2d	2d	0%	05-Sep-16	07-Sep-16	19-Jan-17	21-Jan-17	104d 3.00h
MTB-005	Implementation of Traffic Control Plan and Safety Measure	3d	3d	0%	05-Sep-16	08-Sep-16	14-Feb-17	16-Feb-17	123d 3.00h
E-AJR-1940	Cast Concrete	1d	1d	0%	06-Sep-16	07-Sep-16	26-Dec-16	26-Dec-16	86d 3.00h
E-AJR-1830	Deshuttering & Curing For Walls	7d	7d	0%	06-Sep-16	19-Sep-16	14-Jan-17	21-Jan-17	98d 3.00h
E-MTR-1830	Cast-in-place concrete for Roof Beams,Slab & Stair	1d	1d	0%	07-Sep-16	08-Sep-16	15-Sep-16	15-Sep-16	2d 3.00h
E-ARR-1460	Furnish and installation of RTU, RTU Panel and Breaker Panel	5d	5d	0%	07-Sep-16	18-Sep-16	16-Nov-16	21-Nov-16	54d 3.00h
E-AJR-2010	Form/Steel Rebars for the Retaining Walls with Drain System - Fence Steel Props Installation	14d	14d	0%	07-Sep-16	28-Sep-16	27-Dec-16	16-Jan-17	86d 3.00h
E-AJR-1950	Concrete Curing & Isolation	7d	7d	0%	07-Sep-16	20-Sep-16	08-Jan-17	17-Jan-17	94d 3.00h
E-JLR-1955	Construction of curb stone and side walk	5d	5d	0%	07-Sep-16	18-Sep-16	19-Jan-17	24-Jan-17	102d 3.00h
MTB-006	Maintain of Traffic Control Plan and Safety measures for Al Mutilla Booster Station	110d 3.00h	110d 3.00h	0%	08-Sep-16	29-Jan-17	29-Jan-17	29-Jan-17	0d
MTB-010	Excavation for Clearing, Site Grading & Preparation	4d	4d	0%	08-Sep-16	18-Sep-16	21-Sep-16	25-Sep-16	6d 3.00h
AI-MTB-1070	Start of Al Mutilla Booster Station	0d	0d	0%	08-Sep-16		26-Sep-16		10d 3.00h
E-MTR-1840	External Finishing of lateral walls of reservoir and Filling of Pin Holler	8d	8d	0%	08-Sep-16	22-Sep-16	27-Oct-16	05-Nov-16	37d 3.00h
E-JLR-1890	Applying internal epoxy paint for the reservoir	6d	6d	0%	08-Sep-16	20-Sep-16	19-Dec-16	26-Dec-16	79d 3.00h
E-KRR-2080	Repair & applying external paint for the reservoir	14d	14d	0%	08-Sep-16	29-Sep-16	14-Jan-17	29-Jan-17	96d 3.00h
E-TJT-1130	Aphalt Reinstatement for Talfit - Jalqamus St. 0+000 to St. 0+010,	3d	3d	0%	10-Sep-16	18-Sep-16	26-Oct-16	29-Oct-16	35d 3.00h
E-KFR-1940	Compaction Test	7d	7d	0%	15-Sep-16	22-Sep-16	02-Jan-17	12-Jan-17	88d
E-MTR-1000	Supply Instruments for the site and its facilities and Structures per section 13500A, P&ID	8d	8d	0%	17-Sep-16	25-Sep-16	18-Oct-16	26-Oct-16	27d
E-JLR-1840	Cable pulling	5d	5d	0%	17-Sep-16	21-Sep-16	08-Nov-16	13-Nov-16	45d
E-KFR-1270	Furnish and installation of duct banks and pre-cast pullbox	5d	5d	0%	17-Sep-16	21-Sep-16	05-Dec-16	10-Dec-16	67d
E-KFR-1300	Design, Furnish and installation of Lightning Protection and	10d	10d	0%	17-Sep-16	27-Sep-16	11-Dec-16	24-Dec-16	72d

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Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
E-JLR-1530	installation of Lightning Protection and Grounding System	10d	10d	0%	17-Sep-16	27-Sep-16	22-Dec-16	04-Jan-17	80d
E-ARR-1400	Install buried steel pipes & fittings - Overflow	3d	3d	0%	17-Sep-16	20-Sep-16	14-Feb-17	16-Feb-17	117d 3.00h
E-AJR-1540	Reservoir Walls - Place concrete (Stage 2)	1d	1d	0%	18-Sep-16	19-Sep-16	22-Sep-16	22-Sep-16	3d 3.00h
MTB-BP-040	Leveling for Foundation and Furnishing, leveling, and compacting of subgrade layer	3d	3d	0%	18-Sep-16	21-Sep-16	26-Sep-16	28-Sep-16	6d 3.00h
MTB-YW-M-011	Furnish and install all yard piping and mechanical	14d	14d	0%	18-Sep-16	04-Oct-16	01-Oct-16	16-Oct-16	10d 3.00h
MTB-ET-1090	Leveling for Foundation and Furnishing, leveling, and compacting of subgrade layer and BC 150mm	3d	3d	0%	18-Sep-16	21-Sep-16	30-Oct-16	01-Nov-16	35d 3.00h
E-JLT-1100	200 mm Basecourse Reinstatement over trench for JALQAMUS-UMATUT Line from St. 0+190 to St.1+880	14d	14d	0%	18-Sep-16	04-Oct-16	30-Oct-16	14-Nov-16	35d 3.00h
E-JLT-1120	100 mm Basecourse Layer for shoulder width for JALQAMUS-UMATUT Line from St. 0+190 to St.1+880	14d	14d	0%	18-Sep-16	04-Oct-16	30-Oct-16	14-Nov-16	35d 3.00h
MTB-YW-E-01C	Furnish & Installation of Electrical Manholes and Electrical Utility power supply	20d	20d	0%	18-Sep-16	11-Oct-16	20-Nov-16	12-Dec-16	52d 3.00h
MTB-YW-E-02C	Furnish & Installation of Ductbanks	20d	20d	0%	18-Sep-16	11-Oct-16	20-Nov-16	12-Dec-16	52d 3.00h
E-ARR-1470	Cables termination	6d	6d	0%	18-Sep-16	25-Sep-16	22-Nov-16	28-Nov-16	54d 3.00h
MTB-YW-100	Construction of Boundary Wall and Fence	20d	20d	0%	18-Sep-16	11-Oct-16	22-Dec-16	19-Jan-17	78d 3.00h
E-AJR-1370	Reservoir Roof Slab - Formwork	10d	10d	0%	19-Sep-16	01-Oct-16	24-Sep-16	04-Oct-16	3d 3.00h
E-AJR-1910	Cast Reinforced Concrete for the Retaining Wall	1d	1d	0%	19-Sep-16	20-Sep-16	15-Jan-17	15-Jan-17	92d 3.00h
E-AJR-1840	Furnish & Install Fence	2d	2d	0%	19-Sep-16	21-Sep-16	22-Jan-17	23-Jan-17	98d 3.00h
E-JLR-3010	Testing, Adjusting, Cleaning, Disinfection, Commissioning, and Operator Instruction 2nd Stage	14d	14d	0%	20-Sep-16	06-Oct-16	27-Dec-16	16-Jan-17	79d 3.00h
E-ARR-1640	Applying internal epoxy paint for the reservoir	6d	6d	0%	20-Sep-16	27-Sep-16	05-Jan-17	15-Jan-17	86d 3.00h
E-AJR-1920	Deshuttering & Curing For Wall	7d	7d	0%	20-Sep-16	28-Sep-16	16-Jan-17	23-Jan-17	92d 3.00h
E-JLR-1960	Asphalt pavement on site (7 cm), ¾" asphalt mix design including MC	4d	4d	0%	20-Sep-16	25-Sep-16	25-Jan-17	29-Jan-17	100d 3.00h
E-MTT-1140	Exc., Bed., Install. and Backfill. 150mm Al Mughayyir to Al Mutilla Force Line from St. 0+000 to St.1+680	14d	14d	0%	21-Sep-16	08-Oct-16	22-Sep-16	08-Oct-16	0d 3.00h
MTB-BP-E-000	Furnish & Installation of Earthing, Ductbanks & Raceway	5d	5d	0%	21-Sep-16	27-Sep-16	29-Sep-16	04-Oct-16	6d 3.00h
MTB-ET-1100	Form/Steel Rebars for Slab on Grade of Electrical unit and Transformer Pad	6d	6d	0%	21-Sep-16	28-Sep-16	02-Nov-16	08-Nov-16	35d 3.00h
AI-MTR-1090	Start of Al Mutilla Booster Station to Al Mutilla Reservoir	0d	0d	0%	21-Sep-16		16-Nov-16		46d 3.00h
E-JLR-1850	installation of RTU, RTU Panel and breaker Panel	8d	8d	0%	22-Sep-16	01-Oct-16	14-Nov-16	23-Nov-16	45d
E-KFR-1280	Furnish and install all electrical conduit, cable, equipment, Electrical Manhole	7d	7d	0%	22-Sep-16	29-Sep-16	11-Dec-16	20-Dec-16	67d
E-MTR-1850	Acrylic Coats (External Walls) & Base	6d	6d	0%	22-Sep-16	29-Sep-16	06-Nov-16	12-Nov-16	37d 3.00h
E-KFR-1950	Installation of Double Leaf Gate Access gate	6d	6d	0%	24-Sep-16	29-Sep-16	14-Jan-17	19-Jan-17	88d
E-KRR-2090	Reservoir Roof Slab - Reinforcing steel & Constuction Joints Installation	8d	8d	0%	24-Sep-16	03-Oct-16	06-Oct-16	15-Oct-16	10d 3.00h
E-ARR-1480	Cable testing & meggarng	3d	3d	0%	25-Sep-16	28-Sep-16	29-Nov-16	01-Dec-16	54d 3.00h
E-MTR-1010	SCADA Head-End Integration and Programming	5d	5d	0%	26-Sep-16	01-Oct-16	27-Oct-16	01-Nov-16	27d
MTB-BP-050	Compacted Basecourse layer 15cm for Booster Pump Slab and Transmission Flow Meter Pad	5d	5d	0%	27-Sep-16	03-Oct-16	05-Oct-16	10-Oct-16	6d 3.00h
E-ARR-5275	Testing, Adjusting, Cleaning, Disinfection, Commissioning, and Operator Instruction 2nd Stage	14d	14d	0%	27-Sep-16	13-Oct-16	16-Jan-17	31-Jan-17	86d 3.00h
MTB-ET-1000	Earthing	1d	1d	0%	28-Sep-16	29-Sep-16	09-Nov-16	09-Nov-16	35d 3.00h
E-ARR-1490	Install control system software	10d	10d	0%	28-Sep-16	10-Oct-16	03-Dec-16	13-Dec-16	54d 3.00h
E-AJR-1980	Cast Reinforced Concrete for the Retaining Wall	1d	1d	0%	28-Sep-16	29-Sep-16	17-Jan-17	17-Jan-17	86d 3.00h
E-AJR-1930	Furnish & Install Fence	2d	2d	0%	28-Sep-16	01-Oct-16	24-Jan-17	25-Jan-17	92d 3.00h
E-MTR-1860	De-shuttering of Roof Beams, Slab & Stair	4d	4d	0%	29-Sep-16	04-Oct-16	03-Oct-16	06-Oct-16	2d 3.00h
MTB-ET-1110	Cast Concrete for Slab on Grade of Electrical unit and Transformer Pad	1d	1d	0%	29-Sep-16	01-Oct-16	10-Nov-16	10-Nov-16	35d 3.00h
E-MTR-1870	Fixing Protection Handrails (Roof, Stairs, R.voi)	4d	4d	0%	29-Sep-16	04-Oct-16	13-Nov-16	17-Nov-16	37d 3.00h
E-MTR-1880	Installation of Lightning Protection and Grounding System	3d	3d	0%	29-Sep-16	03-Oct-16	19-Nov-16	21-Nov-16	41d 3.00h
E-AJR-1990	Deshuttering & Curing For Walls	7d	7d	0%	29-Sep-16	08-Oct-16	18-Jan-17	25-Jan-17	86d 3.00h
E-KFR-1290	Electrical Panels & PLC, RTU Instrumentation with Field Wiring & System Programing	3d	3d	0%	01-Oct-16	03-Oct-16	21-Dec-16	24-Dec-16	67d
E-KFR-1960	Curb Stones & Side Walk Works	6d	6d	0%	01-Oct-16	06-Oct-16	21-Jan-17	26-Jan-17	88d
E-AJR-1380	Reservoir Roof Slab - Reinforcing steel & Constuction Joints Installation	8d	8d	0%	01-Oct-16	10-Oct-16	05-Oct-16	13-Oct-16	3d 3.00h
MTB-ET-1120	Concrete Curing for Slab on Grade of Electrical unit and Transformer Pad	7d	7d	0%	01-Oct-16	09-Oct-16	12-Nov-16	20-Nov-16	35d 3.00h
E-AJR-1130	Repair & applying external paint for the reservoir	14d	14d	0%	01-Oct-16	17-Oct-16	14-Jan-17	29-Jan-17	81d 3.00h
E-MTR-1020	Testing and Commissioning of Electrical and Control System and Equipment	5d	5d	0%	02-Oct-16	06-Oct-16	02-Nov-16	07-Nov-16	27d
E-JLR-1860	Cables termination	6d	6d	0%	02-Oct-16	08-Oct-16	24-Nov-16	30-Nov-16	45d
MTB-BP-080	Concrete Curing for Slab on Grade of Booster Pump and Transmission Flow Meter Pad	7d	7d	0%	02-Oct-16	10-Oct-16	09-Oct-16	16-Oct-16	5d 3.00h
E-KRR-2100	Reservoir Roof Slab - Place concrete (Stage 1-Part A & C)	1d	1d	0%	03-Oct-16	04-Oct-16	16-Oct-16	16-Oct-16	10d 3.00h
E-SWJ-1260	Installation of Monitoring Chamber (2) as per detail M-VCFM	20d	20d	0%	03-Oct-16	26-Oct-16	03-Jan-17	29-Jan-17	73d 3.00h
E-SWJ-1250	Connection to the existing pipeline	3d	3d	0%	03-Oct-16	06-Oct-16	26-Jan-17	29-Jan-17	90d 3.00h
E-KFR-1310	Site Lighting (Outdoor Light Poles with Lighting Fixtures)	8d	8d	0%	04-Oct-16	12-Oct-16	26-Dec-16	04-Jan-17	67d
E-MTR-1890	Internal Finishing of reservoir	7d	7d	0%	04-Oct-16	12-Oct-16	08-Oct-16	15-Oct-16	2d 3.00h
MTB-BP-060	Formwork and Steel Rebars for Slab on Grade of Booster Pump and Transmission Flow Meter Pad	4d	4d	0%	04-Oct-16	09-Oct-16	11-Oct-16	15-Oct-16	5d 3.00h
E-JLT-1130	Aphalt Reinstatement for JALQAMUS-UMATUT Line from St. 0+190 to St.1+880	3d	3d	0%	04-Oct-16	08-Oct-16	16-Nov-16	19-Nov-16	35d 3.00h
E-MTR-1900	Furnish and install security gate and fence at reservoir base	3d	3d	0%	04-Oct-16	08-Oct-16	19-Nov-16	21-Nov-16	37d 3.00h
SWJ-2150	Supply and Install Instruments for the site and its facilities and Structures per section 13500A, P&ID - Zone 04	10d	10d	0%	06-Oct-16	18-Oct-16	29-Dec-16	14-Jan-17	67d 3.00h
E-AJP-1310	Reinstatement work (restoration) for zone 4	15d	15d	0%	06-Oct-16	24-Oct-16	12-Jan-17	29-Jan-17	75d 3.00h
E-KFR-1980	Asphalt pavement on site (7 cm), ¾" asphalt mix design including MC	2d	2d	0%	08-Oct-16	09-Oct-16	28-Jan-17	29-Jan-17	88d
E-KFR-1990	Land Scaping & Miscelanous Site Appurtances	2d	2d	0%	08-Oct-16	09-Oct-16	28-Jan-17	29-Jan-17	88d
E-MTN-1000	Exc., Bed., Install. and Backfill. 75mm pipe for Al Mutilla Network - from Al Mutilla Elevated Reservoir (260 m)	3d	3d	0%	08-Oct-16	11-Oct-16	09-Oct-16	11-Oct-16	0d 3.00h
E-MTT-1150	Construction of 75mm Washout Chamber at station 0+330 on 150mm pipe	13d	13d	0%	08-Oct-16	23-Oct-16	16-Nov-16	30-Nov-16	32d 3.00h
E-MTT-1160	Construction of 150mm Gate Valve Chamber at Station 0+500	13d	13d	0%	08-Oct-16	23-Oct-16	16-Nov-16	30-Nov-16	32d 3.00h
E-MTT-1170	Construction of 75mm Air Release Valve Chamber at station 0+500	13d	13d	0%	08-Oct-16	23-Oct-16	16-Nov-16	30-Nov-16	32d 3.00h

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Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
E-MTT-1180	Construction of 75mm Washout Chamber at station 0+880 on 150mm pipe	13d	13d	0%	08-Oct-16	23-Oct-16	16-Nov-16	30-Nov-16	32d 3.00h
E-MTT-1190	Construction of 150mm Gate Valve Chamber at Station 1+000	13d	13d	0%	08-Oct-16	23-Oct-16	16-Nov-16	30-Nov-16	32d 3.00h
E-MTT-1200	Construction of 75mm Air Release Valve Chamber at station 1+245 on 150mm pipe	13d	13d	0%	08-Oct-16	23-Oct-16	16-Nov-16	30-Nov-16	32d 3.00h
E-MTT-1210	Construction of 150mm Gate Valve Chamber at Station 1+500	13d	13d	0%	08-Oct-16	23-Oct-16	16-Nov-16	30-Nov-16	32d 3.00h
E-JMT-1140	200mm Basecourse Reinstatement over trench for Jalqamus to Al Mughayyir pipeline from St. 0+000 to 100 mm Basecourse Layer for shoulder width of Jalqamus to Al Mughayyir pipeline from St. 0+000 to St.1+500	10d	10d	0%	08-Oct-16	19-Oct-16	20-Nov-16	30-Nov-16	35d 3.00h
E-JMT-1165	100 mm Basecourse Layer for shoulder width of Jalqamus to Al Mughayyir pipeline from St. 0+000 to St.1+500	10d	10d	0%	08-Oct-16	19-Oct-16	20-Nov-16	30-Nov-16	35d 3.00h
E-AJR-2000	Furnish & Install Fence	2d	2d	0%	08-Oct-16	10-Oct-16	26-Jan-17	28-Jan-17	86d 3.00h
E-JLR-1870	Cable testing & meggering	3d	3d	0%	09-Oct-16	11-Oct-16	01-Dec-16	04-Dec-16	45d
MTB-BP-070	Cast in Concrete for Slab on Grade of Booster Pump and Transmission Flow Meter Pad	1d	1d	0%	09-Oct-16	10-Oct-16	16-Oct-16	16-Oct-16	5d 3.00h
MTB-ET-1010	Furnish and install Electrical Systems and Equipment including panels, wires, conduits, cables, etc.	8d	8d	0%	09-Oct-16	18-Oct-16	21-Nov-16	29-Nov-16	35d 3.00h
E-AJR-1390	Reservoir Roof Slab - Place concrete (Stage 1-Part A & C)	1d	1d	0%	10-Oct-16	11-Oct-16	15-Oct-16	15-Oct-16	3d 3.00h
E-KRR-2110	Reservoir Roof Slab - Place concrete (Stage 2-Part B & D)	1d	1d	0%	10-Oct-16	11-Oct-16	23-Oct-16	23-Oct-16	10d 3.00h
E-ARR-1500	Install Instruments for the site and its facilities and Structures per section 13500A	6d	6d	0%	10-Oct-16	17-Oct-16	14-Dec-16	22-Dec-16	54d 3.00h
MTB-BP-00011	Installation of steel Shed for Booster Pump	20d	20d	0%	10-Oct-16	02-Nov-16	27-Dec-16	23-Jan-17	62d 3.00h
MTB-BP-130	Installation of Bollards	7d	7d	0%	10-Oct-16	18-Oct-16	22-Jan-17	29-Jan-17	80d 3.00h
E-MTN-1010	Exc., Bed., Install. and Backfill. 50mm pipe for Al Mutilla Network - Branches from 75 mm pipe (320 m)	4d	4d	0%	11-Oct-16	16-Oct-16	12-Oct-16	16-Oct-16	0d 3.00h
E-AJR-1470	Reservoir Roof Slab - Place concrete (Stage 2-Part B & D)	1d	1d	0%	11-Oct-16	12-Oct-16	16-Oct-16	16-Oct-16	3d 3.00h
E-KRR-2130	Duct Bank & manholes construction and pre-cast pullbox	16d	16d	0%	11-Oct-16	30-Oct-16	24-Oct-16	10-Nov-16	10d 3.00h
E-KRR-2140	Construct Inlet & Outlet Chambers (Valve Vault)	13d	13d	0%	11-Oct-16	26-Oct-16	26-Oct-16	09-Nov-16	12d 3.00h
MTB-YW-070	Compacted base course for site grading, 200 mm layer	9d	9d	0%	11-Oct-16	22-Oct-16	13-Dec-16	26-Dec-16	52d 3.00h
E-KRR-2120	Fixing Roof Ventilation	1d	1d	0%	11-Oct-16	12-Oct-16	28-Jan-17	28-Jan-17	84d 3.00h
E-JLR-1880	Install control system software	10d	10d	0%	12-Oct-16	23-Oct-16	05-Dec-16	18-Dec-16	45d
E-MTR-1910	Water Level Indicator, Internal ladder and Hatch cover	2d	2d	0%	12-Oct-16	15-Oct-16	16-Oct-16	17-Oct-16	2d 3.00h
E-AJR-1610	Construct Inlet & Outlet Chambers	19d	19d	0%	12-Oct-16	03-Nov-16	13-Nov-16	05-Dec-16	26d 3.00h
E-AJR-1480	Duct Bank & manholes construction and installation of pre-cast pullbox	6d	6d	0%	12-Oct-16	19-Oct-16	19-Nov-16	24-Nov-16	30d 3.00h
E-AJR-1280	Fixing Roof Ventilation	1d	1d	0%	12-Oct-16	13-Oct-16	28-Jan-17	28-Jan-17	83d 3.00h
E-KRR-1980	Installation of Sliding Gate as shown on detail C-118 Sheet C-DT12	1d	1d	0%	12-Oct-16	13-Oct-16	29-Jan-17	29-Jan-17	84d 3.00h
E-KFR-5285	Testing and Commissioning of Electrical and Control Systems and Equipment	7d	7d	0%	13-Oct-16	20-Oct-16	05-Jan-17	16-Jan-17	67d
E-AJR-1140	Installation of Sliding Gate as shown on detail C-118 Sheet C-DT12	1d	1d	0%	13-Oct-16	15-Oct-16	29-Jan-17	29-Jan-17	83d 3.00h
SWJ-TCP-138C	Implement Safety measures and Traffic Control Plan for Zone 02	2d	2d	0%	13-Oct-16	16-Oct-16	15-Feb-17	16-Feb-17	95d 3.00h
E-MTR-1920	Apply Epoxy Coats (Internal Walls) & Base	8d	8d	0%	15-Oct-16	24-Oct-16	18-Oct-16	26-Oct-16	2d 3.00h
E-YKT-1010	Exc., Bed., Install. and Backfill. 150mm Kuferit Force Line from St. 0+030 to St. 2+000	17d	17d	0%	16-Oct-16	05-Nov-16	17-Oct-16	05-Nov-16	0d 3.00h
SWJ-TCP-139C	Maintain of Traffic Control Plan and Safety measures for Zone 02	92d	92d	0%	16-Oct-16	13-Feb-17	16-Feb-17	16-Feb-17	3d 3.00h
AI-MTR-1150	Start of Yabad - Kuferit Main Transmission line	0d	0d	0%	16-Oct-16		06-Nov-16		17d 3.00h
E-MTN-1040	Construction of 50mm Air Release Valve Chamber on 75mm pipe	15d	15d	0%	16-Oct-16	02-Nov-16	13-Nov-16	30-Nov-16	23d 3.00h
E-MTN-1050	Construction of 50mm Air Release Valve Chamber on 75mm pipe	15d	15d	0%	16-Oct-16	02-Nov-16	13-Nov-16	30-Nov-16	23d 3.00h
E-MTN-1030	Construction of 75mm Gate Valve Chamber at Al Mutilla Reservoir Entrance	13d	13d	0%	16-Oct-16	31-Oct-16	16-Nov-16	30-Nov-16	25d 3.00h
E-MTN-1060	Construction of 75mm Gate Valve Chamber on 75mm pipe	13d	13d	0%	16-Oct-16	31-Oct-16	16-Nov-16	30-Nov-16	25d 3.00h
E-MTN-1070	Construction of 50mm Washout Chamber on 75mm pipe	13d	13d	0%	16-Oct-16	31-Oct-16	16-Nov-16	30-Nov-16	25d 3.00h
E-MTN-1045	Construction of 75mm Gate Valve Chamber on 75mm pipe	13d	13d	0%	16-Oct-16	31-Oct-16	16-Nov-16	30-Nov-16	25d 3.00h
E-MTN-1065	Construction of 50mm Gate Valve Chamber on 50mm pipe	13d	13d	0%	16-Oct-16	31-Oct-16	16-Nov-16	30-Nov-16	25d 3.00h
E-MTN-1080	Construction of 50mm Gate Valve Chamber on 50mm pipe - near Al Mutilla Reservoir Entrance	13d	13d	0%	16-Oct-16	31-Oct-16	16-Nov-16	30-Nov-16	25d 3.00h
E-MTN-1090	Construction of Two 50mm Gate Valve Chamber on 50mm pipe	13d	13d	0%	16-Oct-16	31-Oct-16	16-Nov-16	30-Nov-16	25d 3.00h
E-MTN-1100	Construction of 50mm Air Release Valve Chamber on 50mm pipe	13d	13d	0%	16-Oct-16	31-Oct-16	16-Nov-16	30-Nov-16	25d 3.00h
MTB-1000	O&M Technical Manuals	82d	82d	0%	17-Oct-16	29-Jan-17	17-Oct-16	29-Jan-17	0d
MTB-BP-M-12	Installation of Booster Pump Skid including Pump inlet Header and Pump discharge header	18d	18d	0%	17-Oct-16	06-Nov-16	17-Oct-16	06-Nov-16	0d
SWJ-1020	O&M Technical Manuals	20d	20d	0%	17-Oct-16	08-Nov-16	12-Jan-17	04-Feb-17	67d
SWJ-2190	O&M Technical Manuals	20d	20d	0%	17-Oct-16	08-Nov-16	12-Jan-17	04-Feb-17	67d
SWJ-2250	O&M Technical Manuals	20d	20d	0%	17-Oct-16	08-Nov-16	12-Jan-17	04-Feb-17	67d
SWJ-2310	O&M Technical Manuals	20d	20d	0%	17-Oct-16	08-Nov-16	12-Jan-17	04-Feb-17	67d
SWJ-2370	O&M Technical Manuals	20d	20d	0%	17-Oct-16	08-Nov-16	12-Jan-17	04-Feb-17	67d
E-ARR-1510	SCADA head end integration and programming for the site and its facilities	7d	7d	0%	17-Oct-16	25-Oct-16	24-Dec-16	02-Jan-17	54d 3.00h
MTB-ET-1040	Design, Furnish and installation of Lightning Protection and Grounding System	8d	8d	0%	18-Oct-16	27-Oct-16	30-Nov-16	08-Dec-16	35d 3.00h
MTB-ET-1050	Supply & Install Instruments for the site and its facilities and Structures per section 13500A	8d	8d	0%	18-Oct-16	27-Oct-16	30-Nov-16	08-Dec-16	35d 3.00h
SWJ-2160	SCADA Head-End Integration and Programming - Zone 04	5d	5d	0%	18-Oct-16	24-Oct-16	15-Jan-17	19-Jan-17	67d 3.00h
E-AJR-1510	Furnish and install all electrical conduit, cable, equipment, and other miscellaneous electrical elements.	5d	5d	0%	19-Oct-16	25-Oct-16	26-Nov-16	30-Nov-16	30d 3.00h
E-JMT-1150	200mm Subgrade layer for Jalqamus to Al Mughayyir pipeline from St. 1+500 to St. 1+770	1d	1d	0%	19-Oct-16	20-Oct-16	01-Dec-16	01-Dec-16	35d 3.00h
E-KRR-2150	Installing Hand Rail	2d	2d	0%	19-Oct-16	22-Oct-16	26-Jan-17	28-Jan-17	76d 3.00h
E-JMT-1175	200mm Base course layer for Jalqamus to Al Mughayyir pipeline from St. 1+500 to St. 1+770	2d	2d	0%	20-Oct-16	23-Oct-16	03-Dec-16	04-Dec-16	35d 3.00h
E-AJR-1270	Installing Hand Rail	2d	2d	0%	20-Oct-16	23-Oct-16	26-Jan-17	28-Jan-17	75d 3.00h
E-KFR-5300	Site inspection/ Support/ Start up	9d	9d	0%	22-Oct-16	31-Oct-16	17-Jan-17	26-Jan-17	67d
MTB-YW-110	Installation of Slab on Grade and Decomposed Granite	5d	5d	0%	22-Oct-16	27-Oct-16	27-Dec-16	02-Jan-17	52d 3.00h
MTB-YW-090	Installation of Double Leaf Access Gate	8d	8d	0%	22-Oct-16	31-Oct-16	21-Jan-17	29-Jan-17	69d 3.00h

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Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
E-KRR-2160	Fixing external ladder	1d	1d	0%	22-Oct-16	23-Oct-16	29-Jan-17	29-Jan-17	76d 3.00h
E-JMT-1185	Asphalt wearing course layer (5 cm) for Jalqamus to Al Mughayyir pipeline from St. 1+500 to St. 1+770 include MC	1d	1d	0%	23-Oct-16	24-Oct-16	05-Dec-16	05-Dec-16	35d 3.00h
E-AJR-1240	Fixing external ladder	1d	1d	0%	23-Oct-16	24-Oct-16	29-Jan-17	29-Jan-17	75d 3.00h
E-JLR-1900	Installation of Instruments for the site and its facilities and Structures per section 13500A	6d	6d	0%	24-Oct-16	30-Oct-16	19-Dec-16	26-Dec-16	45d
E-MTR-1930	Initial Testing (1st Stage) for Water Tightness	7d	7d	0%	24-Oct-16	01-Nov-16	27-Oct-16	03-Nov-16	2d 3.00h
E-JMT-1155	150mm Basecourse layer for Jalqamus to Al Mughayyir pipeline from St.1+770 to St.2+772	9d	9d	0%	24-Oct-16	03-Nov-16	06-Dec-16	18-Dec-16	35d 3.00h
SWJ-2320	Testing and Commissioning of Electrical and Control System and Equipment	7d	7d	0%	24-Oct-16	01-Nov-16	21-Jan-17	28-Jan-17	67d 3.00h
E-AJR-1500	Furnish and installation of RTU, RTU Panel and breaker	5d	5d	0%	25-Oct-16	31-Oct-16	01-Dec-16	06-Dec-16	30d 3.00h
E-ARR-1520	Testing and Commissioning of Electrical and Control Systems and Equipment	7d	7d	0%	25-Oct-16	02-Nov-16	03-Jan-17	14-Jan-17	54d 3.00h
E-KFR-5280	Training	7d	7d	0%	26-Oct-16	02-Nov-16	22-Jan-17	29-Jan-17	67d
E-KRR-2370	Miscellaneous Excavation: Excavate to the required depth as per design drawings	6d	6d	0%	26-Oct-16	02-Nov-16	10-Nov-16	17-Nov-16	12d 3.00h
E-KRR-2220	Install buried & Non buried steel pipes & fittings- Outlet	5d	5d	0%	26-Oct-16	01-Nov-16	09-Jan-17	16-Jan-17	57d 3.00h
E-KRR-2170	Deshuttering Formwork for Roof Slab	5d	5d	0%	27-Oct-16	02-Nov-16	09-Nov-16	14-Nov-16	10d 3.00h
MTB-ET-1060	Supply & Install Control System and SCADA Software including Protective Device and Coordination Studies	10d	10d	0%	27-Oct-16	08-Nov-16	10-Dec-16	22-Dec-16	35d 3.00h
MTB-YW-120	Asphalt pavement on site (7 cm), ¾" asphalt mix design including MC	9d	9d	0%	27-Oct-16	07-Nov-16	03-Jan-17	16-Jan-17	52d 3.00h
E-AJR-1660	Deshuttering Formwork for Roof Slab	4d	4d	0%	29-Oct-16	02-Nov-16	02-Nov-16	06-Nov-16	3d 3.00h
E-KRR-2280	Furnish and install all electrical conduit, cable, equipment, and other miscellaneous electrical elements.	5d	5d	0%	30-Oct-16	05-Nov-16	12-Nov-16	17-Nov-16	10d 3.00h
E-JLR-1910	SCADA head end integration and programming for the site	7d	7d	0%	31-Oct-16	07-Nov-16	27-Dec-16	04-Jan-17	45d
E-AJR-1520	Cables termination	3d	3d	0%	31-Oct-16	03-Nov-16	07-Dec-16	10-Dec-16	30d 3.00h
E-MTR-1940	Testing, Adjusting, Cleaning, Disinfection, Commissioning, and Operator Instruction 2nd Stage	3d	3d	0%	01-Nov-16	05-Nov-16	05-Nov-16	07-Nov-16	2d 3.00h
E-KRR-2230	Install buried steel pipes & fittings - Washout	5d	5d	0%	01-Nov-16	07-Nov-16	17-Jan-17	22-Jan-17	57d 3.00h
SWJ-2300	Training	6d	6d	0%	01-Nov-16	08-Nov-16	29-Jan-17	04-Feb-17	67d 3.00h
SWJ-2330	Testing and Commissioning of the entire system	5d	5d	0%	01-Nov-16	07-Nov-16	29-Jan-17	02-Feb-17	67d 3.00h
E-AJR-1100	Repair of Internal Walls	10d	10d	0%	02-Nov-16	14-Nov-16	07-Nov-16	19-Nov-16	3d 3.00h
E-AJR-1620	Install steel pipes inside reservoir - Outlet	5d	5d	0%	02-Nov-16	08-Nov-16	14-Nov-16	20-Nov-16	9d 3.00h
E-KRR-2200	Repair of Internal Walls	10d	10d	0%	02-Nov-16	14-Nov-16	16-Nov-16	27-Nov-16	10d 3.00h
E-KRR-2380	Miscellaneous Backfilling: Furnishing, leveling, and compaction of selected fill for subgrade layer	6d	6d	0%	02-Nov-16	09-Nov-16	19-Nov-16	24-Nov-16	12d 3.00h
E-KRR-2210	Install steel pipes inside reservoir - Outlet	5d	5d	0%	02-Nov-16	08-Nov-16	23-Nov-16	28-Nov-16	16d 3.00h
SWJ-2000	Mechanical and Electrical installation Zone 1	21d	21d	0%	02-Nov-16	28-Nov-16	01-Dec-16	28-Dec-16	23d 3.00h
E-AJR-5285	Installation of Lightning Protection and Grounding System and Light Poles	10d	10d	0%	02-Nov-16	14-Nov-16	22-Dec-16	04-Jan-17	39d 3.00h
E-ARR-1650	Miscellaneous Excavation: Excavate to the required depth as per design drawings	6d	6d	0%	02-Nov-16	09-Nov-16	15-Jan-17	21-Jan-17	54d 3.00h
MTB-BP-E-0001	Furnish & Install Lightning Protection, Receptacles & Process Control Instrumentation	5d	5d	0%	02-Nov-16	08-Nov-16	24-Jan-17	29-Jan-17	62d 3.00h
E-KRR-2190	Install water level indicator & Access Cover	3d	3d	0%	02-Nov-16	06-Nov-16	26-Jan-17	29-Jan-17	64d 3.00h
E-AJR-1070	Install water level indicator & Access Cover	3d	3d	0%	02-Nov-16	06-Nov-16	26-Jan-17	29-Jan-17	64d 3.00h
E-ARR-5300	Site inspection/ Support/ Start up	9d	9d	0%	02-Nov-16	13-Nov-16	01-Feb-17	14-Feb-17	69d 3.00h
AI-KFR-1080	Finish of Kuferit Reservoir	0d	0d	0%		02-Nov-16		29-Jan-17	67d
E-AJR-1150	Miscellaneous Excavation: Excavate to the required depth as per design drawings	5d	5d	0%	03-Nov-16	09-Nov-16	06-Dec-16	11-Dec-16	26d 3.00h
E-AJR-1090	Install buried & Non buried steel pipes & fittings- Outlet	5d	5d	0%	03-Nov-16	09-Nov-16	08-Dec-16	13-Dec-16	28d 3.00h
E-AJR-1530	Cable testing & meggering	2d	2d	0%	03-Nov-16	06-Nov-16	11-Dec-16	12-Dec-16	30d 3.00h
E-JMT-1195	Asphalt wearing course layer (6 cm) for Jalqamus to Al Mughayyir pipeline from St.1+770 to St.2+772 include MC	2d	2d	0%	03-Nov-16	06-Nov-16	19-Dec-16	20-Dec-16	35d 3.00h
E-YKT-1015	Exc., Bed., Install. and Backfill. 150mm Kuferit Force Line from St. 2+000 to St. 2+300	3d	3d	0%	05-Nov-16	08-Nov-16	06-Nov-16	08-Nov-16	0d 3.00h
E-MTR-1950	Site inspection/ Support/ Start up	9d	9d	0%	05-Nov-16	16-Nov-16	08-Nov-16	19-Nov-16	2d 3.00h
E-KRR-2290	Furnish and installation of RTU, RTU Panel and breaker	5d	5d	0%	05-Nov-16	10-Nov-16	19-Nov-16	23-Nov-16	10d 3.00h
SWJ-2060	Installation of Cathodic Protection system - Anode and Test Station for Zone 02	20d	20d	0%	05-Nov-16	29-Nov-16	22-Dec-16	19-Jan-17	37d 3.00h
E-AJR-1200	Install control system software	7d	7d	0%	06-Nov-16	14-Nov-16	13-Dec-16	22-Dec-16	30d 3.00h
E-MTT-1220	Basecourse layer over trench (200mm and 150mm) for Al Mughayyir to Al Mutilla Force Line from St. 0+000 to	12d	12d	0%	06-Nov-16	21-Nov-16	21-Dec-16	05-Jan-17	35d 3.00h
E-MTT-1230	100 mm Basecourse Layer for shoulder width of Al Mughayyir to Al Mutilla Force Line from St. 0+100 to St. 0+980	6d	6d	0%	06-Nov-16	13-Nov-16	05-Jan-17	15-Jan-17	46d 3.00h
MTB-BP-M-000	Installation of Transmissi on Flow Meter Pad including 50mm and 150 mm pipes, reducers and supports	12d	12d	0%	07-Nov-16	21-Nov-16	07-Nov-16	21-Nov-16	0d
E-KRR-2260	Install buried & Non buried steel pipes & fittings - Inlet	3d	3d	0%	07-Nov-16	10-Nov-16	23-Jan-17	25-Jan-17	57d 3.00h
E-ARR-5380	Training	7d	7d	0%	07-Nov-16	16-Nov-16	09-Feb-17	16-Feb-17	69d 3.00h
E-JLR-5255	Testing and Commissioning of Electrical and Control Systems and Equipment	7d	7d	0%	08-Nov-16	16-Nov-16	05-Jan-17	16-Jan-17	45d
E-AAT-1000	Exc., Bed., Install. and Backfill. 200mm Aja Feeder Pipeline from St. 0+440 to St. 1+259	10d	10d	0%	08-Nov-16	21-Nov-16	09-Nov-16	21-Nov-16	0d 3.00h
E-YKT-1030	Construction of 150mm Gate Valve Chamber at Station	15d	15d	0%	08-Nov-16	27-Nov-16	13-Nov-16	30-Nov-16	3d 3.00h
E-YKT-1040	Construction of 75mm Air Release Valve Chamber at station 0+542 on 150mm pipe	15d	15d	0%	08-Nov-16	27-Nov-16	13-Nov-16	30-Nov-16	3d 3.00h
E-YKT-1070	Construction of 75mm Air Release Valve Chamber at station 0+945 on 150mm pipe	15d	15d	0%	08-Nov-16	27-Nov-16	13-Nov-16	30-Nov-16	3d 3.00h
E-YKT-1080	Construction of 150mm Gate Valve Chamber at Station	15d	15d	0%	08-Nov-16	27-Nov-16	13-Nov-16	30-Nov-16	3d 3.00h
E-YKT-1100	Construction of 75mm Air Release Valve Chamber at station 1+280 on 150mm pipe	15d	15d	0%	08-Nov-16	27-Nov-16	13-Nov-16	30-Nov-16	3d 3.00h
E-YKT-1110	Construction of 150mm Gate Valve Chamber at Station	15d	15d	0%	08-Nov-16	27-Nov-16	13-Nov-16	30-Nov-16	3d 3.00h
E-YKT-1120	Construction of 75mm Air Release Valve Chamber at station 1+765 on 150mm pipe	15d	15d	0%	08-Nov-16	27-Nov-16	13-Nov-16	30-Nov-16	3d 3.00h
E-YKT-1130	Construction of 150mm Gate Valve Chamber at Station	15d	15d	0%	08-Nov-16	27-Nov-16	13-Nov-16	30-Nov-16	3d 3.00h
E-YKT-1140	Construction of 75mm Air Release Valve Chamber at station 2+165 on 150mm pipe	15d	15d	0%	08-Nov-16	27-Nov-16	13-Nov-16	30-Nov-16	3d 3.00h
E-YKT-1095	Construction of Future Connection to Kufiret Well (150mm Gate Valve at Station 1+220)	15d	15d	0%	08-Nov-16	27-Nov-16	13-Nov-16	30-Nov-16	3d 3.00h

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Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
E-YKT-1020	Construction of 75mm Washout Chamber at station 0+035 on 150mm pipe	13d	13d	0%	08-Nov-16	24-Nov-16	16-Nov-16	30-Nov-16	5d 3.00h
E-YKT-1060	Construction of 75mm Washout Chamber at station 0+700 on 150mm pipe	13d	13d	0%	08-Nov-16	24-Nov-16	16-Nov-16	30-Nov-16	5d 3.00h
E-YKT-1090	Construction of 75mm Washout Chamber at station 1+210 on 150mm pipe	13d	13d	0%	08-Nov-16	24-Nov-16	16-Nov-16	30-Nov-16	5d 3.00h
E-YKT-1150	Connection to Kuferit Reservoir	2d	2d	0%	08-Nov-16	10-Nov-16	29-Nov-16	30-Nov-16	16d 3.00h
E-YKT-1050	Construction of Connection Chamber at station 0+618 on 150mm pipe (CHF-122)	20d	20d	0%	08-Nov-16	03-Dec-16	01-Dec-16	27-Dec-16	18d 3.00h
E-YKT-1000	Connect to Existing Pipeline (Cased Crossing at Israeli Highways (C-203 / C-DT20)) from Station 0+000 to Station 0+030	20d	20d	0%	08-Nov-16	03-Dec-16	22-Jan-17	16-Feb-17	55d 3.00h
SWJ-2340	Site inspection/ Support/ Start up	8d	8d	0%	09-Nov-16	19-Nov-16	08-Feb-17	16-Feb-17	67d
E-MTR-1960	Training	7d	7d	0%	09-Nov-16	19-Nov-16	13-Nov-16	21-Nov-16	2d 3.00h
E-KRR-5275	Construct Bases for external power lighting	21d	21d	0%	09-Nov-16	05-Dec-16	26-Nov-16	21-Dec-16	12d 3.00h
E-AJR-1160	Miscellaneous Backfilling: Furnishing, leveling, and compaction of selected fill for subgrade layer	16d	16d	0%	09-Nov-16	29-Nov-16	12-Dec-16	03-Jan-17	26d 3.00h
E-AJR-1110	Install buried steel pipes & fittings - Washout	5d	5d	0%	09-Nov-16	16-Nov-16	14-Dec-16	21-Dec-16	28d 3.00h
E-KRR-2390	Compacted base course for site and access road grading, 200 mm layer	5d	5d	0%	09-Nov-16	16-Nov-16	18-Jan-17	23-Jan-17	51d 3.00h
E-ARR-1660	Miscellaneous Backfilling: Furnishing, leveling, and compaction of selected fill for subgrade layer	6d	6d	0%	09-Nov-16	17-Nov-16	22-Jan-17	28-Jan-17	54d 3.00h
E-KRR-2300	Cables termination	6d	6d	0%	10-Nov-16	19-Nov-16	24-Nov-16	30-Nov-16	10d 3.00h
E-KRR-2270	Install buried steel pipes & fittings - Overflow	3d	3d	0%	10-Nov-16	14-Nov-16	26-Jan-17	29-Jan-17	57d 3.00h
E-AJR-1230	Fixing internal stainless steel access ladder	1d	1d	0%	14-Nov-16	16-Nov-16	20-Nov-16	20-Nov-16	3d 3.00h
E-KRR-2240	Fixing internal stainless steel access ladder	1d	1d	0%	14-Nov-16	16-Nov-16	28-Nov-16	28-Nov-16	10d 3.00h
E-AJR-1210	Install Instruments for the site and its facilities and Structures per section 13500	6d	6d	0%	14-Nov-16	22-Nov-16	24-Dec-16	31-Dec-16	30d 3.00h
E-AJR-3000	Initial Testing (1st Stage) for Water Tightness	10d	10d	0%	16-Nov-16	28-Nov-16	21-Nov-16	01-Dec-16	3d 3.00h
E-KRR-2250	Initial Testing (1st Stage) for Water Tightness	15d	15d	0%	16-Nov-16	04-Dec-16	29-Nov-16	18-Dec-16	10d 3.00h
E-AJR-1080	Install buried & Non buried steel pipes & fittings - Inlet	3d	3d	0%	16-Nov-16	20-Nov-16	22-Dec-16	26-Dec-16	28d 3.00h
E-KRR-2890	Construction of Curb Stone and Sidewalk	3d	3d	0%	16-Nov-16	20-Nov-16	24-Jan-17	26-Jan-17	51d 3.00h
E-JLR-5270	Site inspection/ Support/ Start up	9d	9d	0%	17-Nov-16	27-Nov-16	17-Jan-17	26-Jan-17	45d
E-ARR-1670	Laying Compacted base course for site grading, 200 mm layer	7d	7d	0%	17-Nov-16	26-Nov-16	29-Jan-17	08-Feb-17	54d 3.00h
SWJ-PCS-1000	Preliminary As-Built Drawings	60d	60d	0%	19-Nov-16	08-Feb-17	22-Nov-16	11-Feb-17	2d 3.00h
AI-MTR-1060	Finish of Al Mutilla Elevated Reservoir	0d	0d	0%		19-Nov-16		21-Nov-16	2d 3.00h
E-KRR-2310	Cable testing & meggering	3d	3d	0%	19-Nov-16	22-Nov-16	01-Dec-16	04-Dec-16	10d 3.00h
E-AJR-1220	Install buried steel pipes & fittings - Overflow	3d	3d	0%	20-Nov-16	23-Nov-16	26-Jan-17	29-Jan-17	50d 3.00h
E-AJP-1170	Exc., Bed., Install. and Backfill. 200mm Ajja Force Line from St. 0+440 to St. 1+033 and St. 1+065 to St. 1+104)	8d	8d	0%	21-Nov-16	30-Nov-16	22-Nov-16	30-Nov-16	0d 3.00h
AI-MTR-1130	Start of Ajja Transmission line	0d	0d	0%	21-Nov-16		22-Nov-16		0d 3.00h
E-AAT-1020	Construction of 200mm Gate Valve Chamber at Station 0+500	15d	15d	0%	21-Nov-16	08-Dec-16	01-Dec-16	20-Dec-16	8d 3.00h
E-AAT-1010	Construction of 75mm Air Release Valve Chamber at Station 0+500 on 200mm pipe	15d	15d	0%	21-Nov-16	08-Dec-16	01-Dec-16	20-Dec-16	8d 3.00h
E-AAT-1030	Construction of 75mm Washout Chamber at station 0+700 on 200mm pipe	13d	13d	0%	21-Nov-16	06-Dec-16	01-Dec-16	18-Dec-16	8d 3.00h
E-AAT-1040	Construction of 75mm Air Release Valve Chamber at Station 0+915 on 200mm pipe	15d	15d	0%	21-Nov-16	08-Dec-16	01-Dec-16	20-Dec-16	8d 3.00h
E-AAT-1050	Construction of 200mm Gate Valve Chamber at Station 1+255	15d	15d	0%	21-Nov-16	08-Dec-16	01-Dec-16	20-Dec-16	8d 3.00h
E-YKT-1180	200mm Basecourse Reinstatement over trench for Kuferit Force Line from St. 0+000 to St. 1+210	8d	8d	0%	21-Nov-16	30-Nov-16	08-Jan-17	18-Jan-17	35d 3.00h
E-AAT-1220	150mm base course layer for Ajja Feeder Pipeline from St. 0+235 to St. 0+550 and St. 0+635 to St. 0+845	4d	4d	0%	21-Nov-16	26-Nov-16	08-Jan-17	14-Jan-17	35d 3.00h
E-YKT-1200	100 mm Basecourse Layer for shoulder width of Kuferit Force Line from St. 0+030 to St. 1+210	8d	8d	0%	21-Nov-16	30-Nov-16	09-Jan-17	19-Jan-17	36d 3.00h
E-MTT-1240	Asphalt wearing course layer (6 cm) for Al Mughayyir to Al Mutilla Force Line from St. 0+000 to St. 1+680 include MC	4d	4d	0%	21-Nov-16	26-Nov-16	16-Jan-17	19-Jan-17	40d 3.00h
MTB-BP-M-000	Installation of Pump Station Bypass Piping including 150 mm pipes, reducers and supports	9d	9d	0%	22-Nov-16	01-Dec-16	22-Nov-16	01-Dec-16	0d
E-JLR-5250	Training	7d	7d	0%	22-Nov-16	29-Nov-16	22-Jan-17	29-Jan-17	45d
E-KRR-2320	Install control system software	10d	10d	0%	22-Nov-16	04-Dec-16	05-Dec-16	18-Dec-16	10d 3.00h
E-AJR-1300	Scada head end integration and programming for the site and its facilities and Structures per section 13500B	3d	3d	0%	22-Nov-16	26-Nov-16	02-Jan-17	04-Jan-17	30d 3.00h
E-AJR-3005	Testing and Commissioning of Electrical and Control Systems and Equipment	7d	7d	0%	26-Nov-16	04-Dec-16	05-Jan-17	16-Jan-17	30d 3.00h
E-AAT-1230	200mm Base course Reinstatement over trench of Ajja Feeder Pipeline from St. 0+550 to St. 0+635	2d	2d	0%	26-Nov-16	28-Nov-16	15-Jan-17	16-Jan-17	35d 3.00h
E-AAT-1260	100mm Base course Reinstatement for shoulder of Ajja Feeder Pipeline from St. 0+550 to St. 0+635	2d	2d	0%	26-Nov-16	28-Nov-16	15-Jan-17	16-Jan-17	35d 3.00h
E-MTN-1110	Reinstatement of Al Mutilla Network - from Al Mutilla Elevated Reservoir (260 m)	3d	3d	0%	26-Nov-16	29-Nov-16	21-Jan-17	23-Jan-17	40d 3.00h
E-AAT-1250	Asphalt wearing course layer (6 cm) for Ajja Feeder Pipeline from St. 0+235 to St. 0+550 and St. 0+635 to St. 0+845	4d	4d	0%	26-Nov-16	30-Nov-16	02-Feb-17	09-Feb-17	51d 3.00h
E-ARR-1675	Construction of curb stone and side walk	5d	5d	0%	26-Nov-16	01-Dec-16	09-Feb-17	14-Feb-17	54d 3.00h
SWJ-2050	Mechanical and Electrical installation Zone 02	21d	21d	0%	27-Nov-16	24-Dec-16	01-Dec-16	28-Dec-16	3d 3.00h
SWJ-1000	Cleaning, washing, hydraulic test and disinfection for Transmission Pipeline	38d	38d	0%	28-Nov-16	19-Jan-17	29-Dec-16	19-Jan-17	0d 3.00h
E-AJR-3015	O&M Technical Manuals	20d	20d	0%	28-Nov-16	24-Dec-16	19-Dec-16	16-Jan-17	15d 3.00h
SWJ-2030	Supply and Install Instruments for the site and its facilities and Structures per section 13500A, P&ID - Zone 1	10d	10d	0%	28-Nov-16	10-Dec-16	29-Dec-16	14-Jan-17	23d 3.00h
E-AAT-1240	150mm base course layer for Ajja Feeder Pipeline from St. 0+845 to St. 1+259	3d	3d	0%	28-Nov-16	01-Dec-16	17-Jan-17	19-Jan-17	35d 3.00h
E-AJR-1170	Compacted base course for site grading, 200 mm layer	10d	10d	0%	29-Nov-16	11-Dec-16	04-Jan-17	18-Jan-17	26d 3.00h
E-MTN-1120	Reinstatement of Al Mutilla Network - Branches from 75 mm pipe (320 m)	5d	5d	0%	29-Nov-16	05-Dec-16	24-Jan-17	29-Jan-17	40d 3.00h
AI-JLR-1080	Finish of Jalqamus Reservoir	0d	0d	0%		29-Nov-16		29-Jan-17	45d
E-AJP-1190	Construction of 200mm Gate Valve Chamber at Station 0+550	15d	15d	0%	30-Nov-16	20-Dec-16	01-Dec-16	20-Dec-16	0d 3.00h
E-AJP-1200	Construction of 75mm Air Release Valve Chamber at Station 0+560 on 200mm pipe	15d	15d	0%	30-Nov-16	20-Dec-16	01-Dec-16	20-Dec-16	0d 3.00h
E-AJP-1210	Construction of 200mm Gate Valve Chamber at Station 1+000	15d	15d	0%	30-Nov-16	20-Dec-16	01-Dec-16	20-Dec-16	0d 3.00h
E-AJP-1220	Construction of 75mm Washout Chamber at station 1+065 on 200mm pipe	13d	13d	0%	30-Nov-16	18-Dec-16	01-Dec-16	18-Dec-16	0d 3.00h

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Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
E-AJP-1230	Construction of 75mm Connection Chamber at Station 1+095 (CHD-131) (Ajja Connection)	20d	20d	0%	30-Nov-16	27-Dec-16	01-Dec-16	27-Dec-16	0d 3.00h
SWJ-2090	Mechanical and Electrical installation Zone 03	21d	21d	0%	30-Nov-16	28-Dec-16	01-Dec-16	28-Dec-16	0d 3.00h
E-YKT-1190	Basecourse layer over trench (200mm & 150mm) for Kuferit Force Line from St. 1+210 to St. 2+300	8d	8d	0%	30-Nov-16	10-Dec-16	21-Jan-17	29-Jan-17	36d 3.00h
E-AJP-1240	Boring and Jacking from station 1+033 to station 1+065 as per detail C-204/C-DT20	20d	20d	0%	30-Nov-16	27-Dec-16	22-Jan-17	16-Feb-17	37d 3.00h
E-YKT-1210	Asphalt wearing course layer (5 cm) for Kuferit Force Line from St. 0+000 to St. 0+030 (excluding BC)	2d	2d	0%	30-Nov-16	03-Dec-16	11-Feb-17	12-Feb-17	51d 3.00h
E-AJP-1250	150mm base course layer for Ajja Force Line from St. 0+235 to St. 0+550	2d	2d	0%	01-Dec-16	04-Dec-16	21-Jan-17	22-Jan-17	35d 3.00h
E-AAT-1270	Asphalt wearing course layer (6 cm) for Ajja Feeder Pipeline from St. 0+845 to St. 1+259	3d	3d	0%	01-Dec-16	05-Dec-16	11-Feb-17	13-Feb-17	50d 3.00h
E-ARR-1680	Asphalt pavement on site and access road (7 cm), ¾" asphalt mix design including MC	2d	2d	0%	01-Dec-16	04-Dec-16	15-Feb-17	16-Feb-17	54d 3.00h
MTB-BP-M-000	Installation of Gate Valves and Swing Check Valve 150mm and Transmission Flow Meter Pad	10d	10d	0%	03-Dec-16	13-Dec-16	03-Dec-16	13-Dec-16	0d
MTB-BP-E-000	furnish installation and termination of transmission pump power and controls wire	14d	14d	0%	03-Dec-16	20-Dec-16	05-Dec-16	22-Dec-16	2d
AI-1050	Finish of Construction Submittals	0d	0d	0%		03-Dec-16		16-Feb-17	55d 3.00h
E-KRR-2340	Installation of Instruments for the site and its facilities and Structures per section 13500A	6d	6d	0%	04-Dec-16	11-Dec-16	19-Dec-16	26-Dec-16	10d 3.00h
E-MTR-5290	O&M Technical Manuals	20d	20d	0%	04-Dec-16	31-Dec-16	19-Dec-16	16-Jan-17	10d 3.00h
E-KRR-2255	Testing, Adjusting, Cleaning, Disinfection, Commissioning, and Operator Instruction 2nd Stage	14d	14d	0%	04-Dec-16	22-Dec-16	27-Dec-16	16-Jan-17	16d 3.00h
E-KRR-2330	Applying internal epoxy paint for the reservoir	6d	6d	0%	04-Dec-16	11-Dec-16	21-Jan-17	26-Jan-17	33d 3.00h
E-AJP-1260	200mm Base course Reinstatement over trench of Ajja Force Line from St. 0+550 to St. 1+000	4d	4d	0%	04-Dec-16	08-Dec-16	23-Jan-17	26-Jan-17	35d 3.00h
E-AJP-1290	100mm Base course Reinstatement for shoulder of Ajja Force Line from St. 0+550 to St. 1+000	4d	4d	0%	04-Dec-16	08-Dec-16	23-Jan-17	26-Jan-17	35d 3.00h
AI-ARR-1030	Finish of Arraba Reservoir	0d	0d	0%		04-Dec-16		16-Feb-17	54d 3.00h
E-KRR-5265	Installation of Lightning Protection and Grounding System and Light Poles	10d	10d	0%	05-Dec-16	19-Dec-16	22-Dec-16	04-Jan-17	12d 3.00h
E-AJP-1280	Asphalt wearing course layer (6 cm) for Ajja Force Line from St. 0+235 to St. 0+550	1d	1d	0%	05-Dec-16	06-Dec-16	14-Feb-17	14-Feb-17	50d 3.00h
E-AJP-1270	150mm base course layer for Ajja Force Line from St. 1+000 to St. 1+033 & St. 1+065 to St. 1+104	2d	2d	0%	08-Dec-16	11-Dec-16	28-Jan-17	29-Jan-17	35d 3.00h
SWJ-2040	SCADA Head-End Integration and Programming - Zone 1	5d	5d	0%	10-Dec-16	18-Dec-16	15-Jan-17	19-Jan-17	23d 3.00h
E-YKT-1220	Asphalt wearing course layer (5 cm) for Kuferit Force Line from St. 1+210 to St. 2+300 including MC	4d	4d	0%	10-Dec-16	14-Dec-16	13-Feb-17	16-Feb-17	45d 3.00h
E-KRR-2350	SCADA head end integration and programming for the site and its facilities	7d	7d	0%	11-Dec-16	21-Dec-16	27-Dec-16	04-Jan-17	10d 3.00h
E-AJR-2020	Construction of Curbstone and Side walk	5d	5d	0%	11-Dec-16	19-Dec-16	19-Jan-17	24-Jan-17	26d 3.00h
E-KRR-2400	Asphalt pavement on site and access road (7 cm), ¾" asphalt mix design including MC	2d	2d	0%	11-Dec-16	13-Dec-16	28-Jan-17	29-Jan-17	33d 3.00h
E-AJP-1300	Asphalt wearing course layer (6 cm) for Ajja Force Line from St. 1+000 to St. 1+033 & St. 1+065 to St. 1+104	2d	2d	0%	11-Dec-16	13-Dec-16	15-Feb-17	16-Feb-17	46d 3.00h
E-AJR-1120	Applying internal epoxy paint for the reservoir	6d	6d	0%	12-Dec-16	21-Dec-16	19-Dec-16	26-Dec-16	3d 3.00h
MTB-1040	Testing, Adjusting, Cleaning, Disinfection, and Commissioning of the entire system	6d	6d	0%	14-Dec-16	22-Dec-16	14-Dec-16	22-Dec-16	0d
MTB-BP-00013	Furnish & Apply all Coatings	5d	5d	0%	14-Dec-16	21-Dec-16	24-Jan-17	29-Jan-17	28d
E-AJR-3010	Testing, Adjusting, Cleaning, Disinfection, Commissioning, and Operator Instruction 2nd Stage	14d	14d	0%	21-Dec-16	12-Jan-17	27-Dec-16	16-Jan-17	3d 3.00h
E-KRR-2263	Testing and Commissioning of Electrical and Control Systems and Equipment	7d	7d	0%	21-Dec-16	31-Dec-16	05-Jan-17	16-Jan-17	10d 3.00h
E-AJR-1180	Asphalt pavement on site (7 cm), ¾ asphalt mix design including MC	4d	4d	0%	21-Dec-16	27-Dec-16	25-Jan-17	29-Jan-17	24d 3.00h
MTB-1030	Testing and Commissioning of Electrical and Control System and Equipment	10d	10d	0%	24-Dec-16	05-Jan-17	24-Dec-16	05-Jan-17	0d
SWJ-2070	Supply and Install Instruments for the site and its facilities and Structures per section 13500A, P&ID - Zone 02	10d	10d	0%	24-Dec-16	08-Jan-17	29-Dec-16	14-Jan-17	3d 3.00h
SWJ-2170	Cleaning, washing, hydraulic test and disinfection for Transmission Pipeline	15d	15d	0%	24-Dec-16	16-Jan-17	29-Dec-16	19-Jan-17	3d 3.00h
SWJ-2110	Supply and Install Instruments for the site and its facilities and Structures per section 13500A, P&ID - Zone 03	10d	10d	0%	28-Dec-16	14-Jan-17	29-Dec-16	14-Jan-17	0d 3.00h
SWJ-2230	Cleaning, washing, hydraulic test and disinfection for Transmission Pipeline	15d	15d	0%	28-Dec-16	19-Jan-17	29-Dec-16	19-Jan-17	0d 3.00h
SWJ-2350	Cleaning, washing, hydraulic test and disinfection for Transmission Pipeline	15d	15d	0%	28-Dec-16	19-Jan-17	29-Dec-16	19-Jan-17	0d 3.00h
E-KRR-2267	Site inspection/ Support/ Start up	9d	9d	0%	31-Dec-16	15-Jan-17	17-Jan-17	26-Jan-17	10d 3.00h
E-KRR-2268	Training	7d	7d	0%	05-Jan-17	17-Jan-17	22-Jan-17	29-Jan-17	10d 3.00h
MTB-1050	Training	6d	6d	0%	08-Jan-17	16-Jan-17	08-Jan-17	16-Jan-17	0d
SWJ-2080	SCADA Head-End Integration and Programming - Zone 02	5d	5d	0%	08-Jan-17	16-Jan-17	15-Jan-17	19-Jan-17	3d 3.00h
E-AJR-3025	Site inspection/ Support/ Start up	9d	9d	0%	12-Jan-17	23-Jan-17	17-Jan-17	26-Jan-17	3d 3.00h
SWJ-2120	SCADA Head-End Integration and Programming - Zone 03	5d	5d	0%	14-Jan-17	19-Jan-17	15-Jan-17	19-Jan-17	0d 3.00h
SWJ-2200	Testing and Commissioning of Electrical and Control System and Equipment	7d	7d	0%	16-Jan-17	24-Jan-17	21-Jan-17	28-Jan-17	3d 3.00h
MTB-1020	Site inspection/ Support/ Start up	11d	11d	0%	17-Jan-17	29-Jan-17	17-Jan-17	29-Jan-17	0d
E-AJR-3030	Training	7d	7d	0%	17-Jan-17	25-Jan-17	22-Jan-17	29-Jan-17	3d 3.00h
AI-KRR-1120	Finish of Kafr Rai Reservoir	0d	0d	0%		17-Jan-17		29-Jan-17	10d 3.00h
SWJ-1040	Testing and Commissioning of Electrical and Control System and Equipment	7d	7d	0%	19-Jan-17	28-Jan-17	21-Jan-17	28-Jan-17	0d 3.00h
SWJ-2260	Testing and Commissioning of Electrical and Control System and Equipment	7d	7d	0%	19-Jan-17	28-Jan-17	21-Jan-17	28-Jan-17	0d 3.00h
SWJ-2380	Testing and Commissioning of Electrical and Control System and Equipment	7d	7d	0%	19-Jan-17	28-Jan-17	21-Jan-17	28-Jan-17	0d 3.00h
SWJ-2180	Training	6d	6d	0%	24-Jan-17	31-Jan-17	29-Jan-17	04-Feb-17	3d 3.00h
SWJ-2210	Testing and Commissioning of the entire system	5d	5d	0%	24-Jan-17	30-Jan-17	29-Jan-17	02-Feb-17	3d 3.00h
AI-AJR-1100	Finish of Ajja Reservoir	0d	0d	0%		25-Jan-17		29-Jan-17	3d 3.00h
SWJ-1010	Training	6d	6d	0%	28-Jan-17	04-Feb-17	29-Jan-17	04-Feb-17	0d 3.00h
SWJ-1050	Testing and Commissioning of the entire system	5d	5d	0%	28-Jan-17	02-Feb-17	29-Jan-17	02-Feb-17	0d 3.00h
SWJ-2240	Training	6d	6d	0%	28-Jan-17	04-Feb-17	29-Jan-17	04-Feb-17	0d 3.00h
SWJ-2270	Testing and Commissioning of the entire system	5d	5d	0%	28-Jan-17	02-Feb-17	29-Jan-17	02-Feb-17	0d 3.00h
SWJ-2360	Training	6d	6d	0%	28-Jan-17	04-Feb-17	29-Jan-17	04-Feb-17	0d 3.00h
SWJ-2390	Testing and Commissioning of the entire system	5d	5d	0%	28-Jan-17	02-Feb-17	29-Jan-17	02-Feb-17	0d 3.00h

SR-01 Classic Schedule Report - Sort by ES, TF

Activity ID	Activity Name	Original Duration	Remaining Duration	Units % Complete	Start	Finish	Late Start	Late Finish	Total Float
AI-1060	Finish of Construction	0d	0d	0%		29-Jan-17		29-Jan-17	0d
AI-MTB-1080	Finish of Al Mutilla Booster Station	0d	0d	0%		29-Jan-17		29-Jan-17	0d
A2090	Demobilization Summary Cost	13d	13d	0%	30-Jan-17	16-Feb-17	30-Jan-17	16-Feb-17	0d
SWJ-PCS-103C	Site Hand over and Final Acceptance Certificate	6d	6d	0%	30-Jan-17	08-Feb-17	11-Feb-17	16-Feb-17	7d
SWJ-PCS-102C	Warranties	5d	5d	0%	30-Jan-17	04-Feb-17	12-Feb-17	16-Feb-17	8d
SWJ-PCS-104C	Final Report	5d	5d	0%	30-Jan-17	04-Feb-17	12-Feb-17	16-Feb-17	8d
SWJ-PCS-105C	Final Operation and Maintenance O&M Manual	4d	4d	0%	30-Jan-17	02-Feb-17	13-Feb-17	16-Feb-17	9d
SWJ-PCS-1100	Training Completion Documents	4d	4d	0%	30-Jan-17	02-Feb-17	13-Feb-17	16-Feb-17	9d
SWJ-PCS-108C	Release of Liens and Waiver of Debts and Claims letter	3d	3d	0%	30-Jan-17	01-Feb-17	14-Feb-17	16-Feb-17	10d
SWJ-PCS-109C	Preparation of Final Payment	3d	3d	0%	30-Jan-17	01-Feb-17	14-Feb-17	16-Feb-17	10d
SWJ-PCS-1110	Clearance Certificate from Local Authorities	3d	3d	0%	30-Jan-17	01-Feb-17	14-Feb-17	16-Feb-17	11d
SWJ-2220	Site inspection/ Support/ Start up	8d	8d	0%	31-Jan-17	13-Feb-17	08-Feb-17	16-Feb-17	3d 3.00h
SWJ-1060	Site inspection/ Support/ Start up	8d	8d	0%	04-Feb-17	16-Feb-17	08-Feb-17	16-Feb-17	0d 3.00h
SWJ-2280	Site inspection/ Support/ Start up	8d	8d	0%	04-Feb-17	16-Feb-17	08-Feb-17	16-Feb-17	0d 3.00h
SWJ-2400	Site inspection/ Support/ Start up	8d	8d	0%	04-Feb-17	16-Feb-17	08-Feb-17	16-Feb-17	0d 3.00h
SWJ-PCS-106C	As-Built Drawings	5d	5d	0%	08-Feb-17	14-Feb-17	12-Feb-17	16-Feb-17	2d 3.00h
SWJ-PCS-107C	Spare Parts	5d	5d	0%	08-Feb-17	14-Feb-17	12-Feb-17	16-Feb-17	2d 3.00h
AI-MTR-1160	Finish of Yabad - Kuferit Main Transmission line	0d	0d	0%		13-Feb-17		16-Feb-17	3d 3.00h
AI-MTR-1080	Finish of Jalqamus Transmission	0d	0d	0%		16-Feb-17		16-Feb-17	0d 3.00h
AI-MTR-1100	Finish of Al Mutilla Booster Station to Al Mutilla Reservoir	0d	0d	0%		16-Feb-17		16-Feb-17	0d 3.00h
AI-MTR-1120	Finish of Sanur Junction to Maythaloun Well	0d	0d	0%		16-Feb-17		16-Feb-17	0d 3.00h
AI-MTR-1140	Finish of Ajja Transmission line	0d	0d	0%		16-Feb-17		16-Feb-17	0d 3.00h
A-1020	Project Completion Date	0d	0d	0%		16-Feb-17*		16-Feb-17	0d

Graphical Report for:
Critical Path Activities

TO 15-10 SWJ - Original Baseline Schedule - Southwest Jenin Water Project



13-Feb-16 21:23

Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018											
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A					
TO 15-10 SWJ - Original Baseline Schedule - Southwest Jenin Water Project					▼ 16-Feb-17, TO 15-10 SWJ - Orig...																																			
Milestones					▼ 16-Feb-17, Milestones																																			
General Milestones					▼ 16-Feb-17, General Milestones																																			
A-1000	Notice To Proceed (NTP)	0d	26-Oct-15*		◆ Notice To Proceed (NTP)																																			
A-1010	Project Duration	480d	26-Oct-15	16-Feb-17	■ Project Duration																																			
A-1020	Project Completion Date	0d		16-Feb-17*	◆ Project Completion Date																																			
Intermediate Milestones					▼ 29-Jan-17, Intermediate Milest...																																			
AI-1000	Start of Mobilization	0d	26-Oct-15		◆ Start of Mobilization																																			
AI-1010	Finish of Mobilization	0d		25-Nov-15*	◆ Finish of Mobilization																																			
AI-1020	Start of Pre-Construction Submittals	0d	26-Oct-15		◆ Start of Pre-Construction Subm...																																			
AI-1040	Start of Construction Submittals	0d	26-Oct-15		◆ Start of Construction Submitta...																																			
AI-1060	Finish of Construction	0d		29-Jan-17	◆ Finish of Construction																																			
AI-MTB-1080	Finish of AI Mutilla Booster Station	0d		29-Jan-17	◆ Finish of AI Mutilla Booster S...																																			
Preconstruction Phase					▼ 25-Nov-15, Preconstruction Pha...																																			
Mobilization					▼ 25-Nov-15, Mobilization																																			
SWJ - MOB-1020	Supply and furnish Field Office Furniture and Miscellaneous	2d	19-Nov-15	21-Nov-15	■ Supply and furnish Field Offic...																																			
SWJ - MOB-1030	Supply and install Field Office Computer Systems and IT Equipments	5d	21-Nov-15	25-Nov-15	■ Supply and install Field Offic...																																			
SWJ - MOB-1040	Arrange for and erect Contractor's work and Storage Yards	2d	21-Nov-15	22-Nov-15	■ Arrange for and erect Contract...																																			
SWJ - MOB-1070	Installation of Temporary Facilities as per section 01500	3d	23-Nov-15	25-Nov-15	■ Installation of Temporary Faci...																																			
Preconstruction Submittals					▼ 19-Nov-15, Preconstruction Sub...																																			
SWJ-PC-SUB-01	Preparation & Submit Copy of Bank Guarantee Certificates	1d	09-Nov-15	09-Nov-15*	■ Preparation & Submit Copy of B...																																			
SWJ-PC-SUB-07	Preparation & Submit Engineer's Field Office Location and Layout	2d	26-Oct-15	27-Oct-15	■ Preparation & Submit Engineer'...																																			
SWJ-PC-SUB-07-R&A	Review & Approval of Engineer's Field Office Location and Layout	15d	28-Oct-15	18-Nov-15	■ Review & Approval of Engineer'...																																			
SWJ-PC-SUB-08	Preparation & Submit Field Office Furniture and Equipment Plan	2d	26-Oct-15	27-Oct-15	■ Preparation & Submit Field Off...																																			
SWJ-PC-SUB-08-R&A	Review & Approval of Field Office Furniture and Equipment Plan	15d	28-Oct-15	18-Nov-15	■ Review & Approval of Field Off...																																			
SWJ-PC-SUB-09	Preparation & Submit Field Office Computer Systems and Miscellaneous	5d	26-Oct-15	31-Oct-15	■ Preparation & Submit Field Off...																																			
SWJ-PC-SUB-09-R&A	Review & Approval of Field Office Computer Systems and Miscellaneous	14d	01-Nov-15	19-Nov-15	■ Review & Approval of Field Off...																																			
SWJ-PC-SUB-22	Preparation & Submit Storage Yard	3d	26-Oct-15	28-Oct-15	■ Preparation & Submit Storage Y...																																			
SWJ-PC-SUB-22-R&A	Review & Approval of Storage Yard	15d	29-Oct-15	19-Nov-15	■ Review & Approval of Storage Y...																																			
Construction Phase					▼ 29-Jan-17, Construction Phase																																			
Construction Submittals					▼ 07-Mar-16, Construction Submitt...																																			
Material Submittals					▼ 07-Mar-16, Material Submittals																																			
Mechanical Material Submittals					▼ 07-Mar-16, Mechanical Material...																																			
SWJ-MMS-1020	Prep. & Sub. Booster Pumps - AL MUTILLA BOOSTER	20d	19-Nov-15	12-Dec-15	■ Prep. & Sub. Booster Pumps - A...																																			
SWJ-MMS-1030	Review & Approval of Booster Pumps - AL MUTILLA BOOSTER	21d	13-Dec-15	12-Jan-16	■ Review & Approval of Booster P...																																			
SWJ-MMS-1035	Prep. & Sub. Booster Pumps - AL MUTILLA BOOSTER - Second Submission	20d	13-Jan-16	07-Feb-16	■ Prep. & Sub. Booster Pumps - A...																																			
SWJ-MMS-1036	Review & Approval of Booster Pumps - AL MUTILLA BOOSTER - Second Submission	21d	08-Feb-16	07-Mar-16	■ Review & Approval of Booster P...																																			
Procurement					▼ 16-Oct-16, Procurement																																			
A1450	Order, Manufacturing and Delivery of Booster Pump	223d	08-Mar-16	16-Oct-16	■ Order, Manufacturing and Deliv...																																			
Execution					▼ 29-Jan-17, Execution																																			
Zone 01 - (AI Mutilla and Jalqamus)					▼ 29-Jan-17, Zone 01 - (AI Mutil...																																			
AI Mutilla Booster Station					▼ 29-Jan-17, AI Mutilla Booster ...																																			
Construction of New Pump Station					▼ 13-Dec-16, Construction of New...																																			
Booster Pump Station and Transmission Flow Meter					▼ 13-Dec-16, Booster Pump Statio...																																			
Mechanical Works					▼ 13-Dec-16, Mechanical Works																																			

■ Actual Work
 ■ Critical Remaining Work
 ▼ Summary
 ■ Remaining Work
 ◆ Milestone

TASK filter: Critical.

Report for:
Cost Loading and S – Curve

UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT - WEST BANK / GAZA



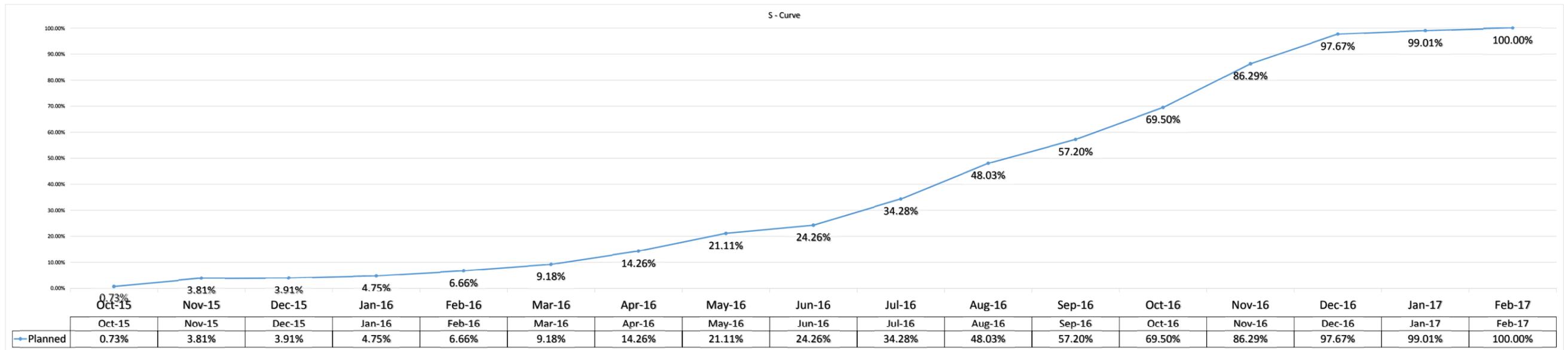
CONTRACT NO. AID-294-I-12-00002

TASK ORDER NO. AID-294-TO-15-00010

Southwest Jenin Water Project

S-Curve

Date	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17
Planned Value	\$ 91,204.64	\$ 383,059.49	\$ 13,053.88	\$ 104,197.07	\$ 237,290.85	\$ 314,111.95	\$ 632,604.06	\$ 852,710.13	\$ 391,902.22	\$ 1,247,517.85	\$ 1,712,294.37	\$ 1,141,299.53	\$ 1,531,332.70	\$ 2,090,565.86	\$ 1,416,350.96	\$ 166,151.77	\$ 123,786.04
Planned Value (Accumulative)	\$ 91,204.64	\$ 474,264.13	\$ 487,318.01	\$ 591,515.08	\$ 828,805.93	\$ 1,142,917.88	\$ 1,775,521.94	\$ 2,628,232.07	\$ 3,020,134.29	\$ 4,267,652.14	\$ 5,979,946.51	\$ 7,121,246.04	\$ 8,652,578.74	\$ 10,743,144.60	\$ 12,159,495.56	\$ 12,325,647.33	\$ 12,449,433.37
Planned %	0.73%	3.08%	0.10%	0.84%	1.91%	2.52%	5.08%	6.85%	3.15%	10.02%	13.75%	9.17%	12.30%	16.79%	11.38%	1.33%	0.99%
Planned % (Accumulative)	0.73%	3.81%	3.91%	4.75%	6.66%	9.18%	14.26%	21.11%	24.26%	34.28%	48.03%	57.20%	69.50%	86.29%	97.67%	99.01%	100.00%





USAID | WEST BANK/GAZA

Annex C – Updated June 2016 Time Schedule

Updated Narrative Report

1 Project Description

1.1 Background

Infrastructure in the West Bank and Gaza suffers from years of neglect and lack of investment. The USAID Mission Infrastructure Needs Program II (INP II) focuses on the rehabilitation and construction of roads, water, and wastewater projects. The USAID objective is to help the Palestinian economy by improving Palestinian access to basic infrastructure and services.

1.2 Project Objective

The objective of this Task Order is to upgrade the existing water supply system in the southeast part of the Jenin Governorate, located in the northern region of the West Bank. The upgrades will improve the transmission of water supply to villages southwest of the Jenin municipality, improve water storability by constructing new reservoirs, and provide a reliable, safe and affordable water supply to the project area.

1.3 Statement of Work

The following is a summary description of the Southwest Jenin Water Project:

This project includes constructing new reservoirs and a booster pump station, constructing new transmission pipelines, replacing old transmission pipelines, constructing new supply pipelines, and upgrading and improving access roads to reservoir sites. Project elements consist of the following:

Construction of Facilities

1. Arraba Reservoir – Replacement of existing 1000 m³ with a new 2,000 m³
2. Jalqamus Reservoir – Replacement of existing 500 m³ with a new 1000m³
3. Kafr Rai Reservoir – New Construction 1,000 m³
4. Ajja Reservoir – New Construction 1000 m³
5. Kuferit Reservoir – New Construction 500 m³
6. Al Mutilla Reservoir – New Construction 500 m³
7. Al Mutilla Booster Station - New Construction

Construction of New Transmission Mains & Supply Pipelines

1. Jalqamus Junction to Al Mutilla Booster Station (150mm x 2.7 km)
2. Al Mutilla Booster Station to Al Mutilla Reservoir (150mmx 1.7 km)
3. Sanur Junction to Maythaloun Well (250mm x 3.7 km)
4. Anza Junction to Ajja Reservoir (200mm x 1.1 km)
5. Ajja Network Supply Pipeline (200mm x 1.2 km)

Replacement of Existing Transmission Mains

1. Yabad Junction to Kuferit Reservoir (150mm x 2.4 km)
2. Talfit Junction to Jalqamus Reservoir (150mm x 2.3 km)
3. Jalqamus Reservoir to Jalqamus Junction (150mm x 1.8 km)

Construction of New Distribution Network

1. Al Mutilla Distribution Network

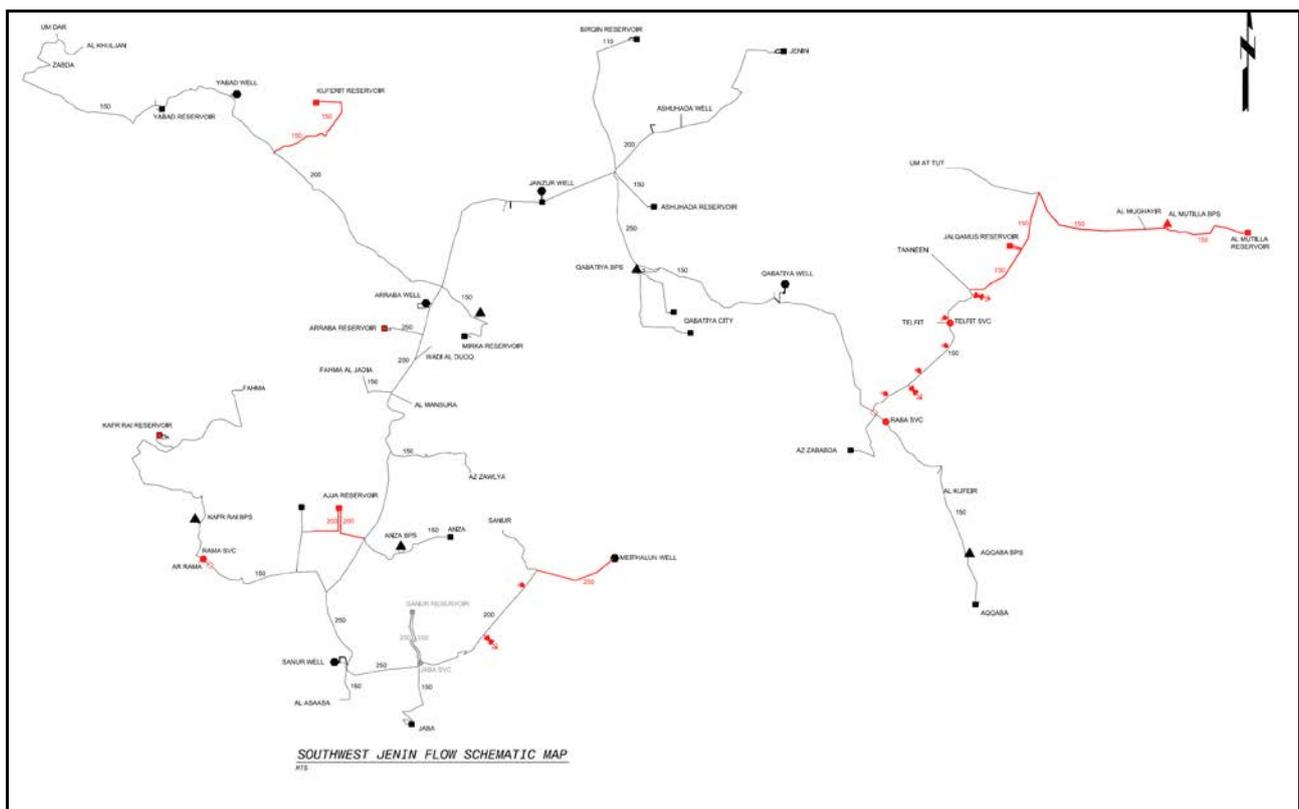
Access Road Upgrades

1. Access Road to Jalqamus Reservoir (190 m of two-lane road with shoulder)
2. Access Road to Kufemit Reservoir (170 m of two-lane road with shoulder)
3. Access Road to Ajja Reservoir (238 m of two-lane road with shoulder)
4. Access Road to Kufur Rai Reservoir (62 m of two-lane road with shoulder)

Chamber Construction, Replacement, and Rehabilitation.

- i. Construction of new washout and air release valve chambers along existing Zababdeh – Telfit Pipeline.
- ii. Rehabilitation of existing chambers mechanical appurtenances and structural elements as well as construction of new service connection chambers and monitoring chambers that will include a SCADA monitoring system.
- iii. Replacement of old washout and air release valve chambers along existing Sanur Main pipeline.

1.4 Project Key Map



1.5 Task Order Key Data

Project Name:	Southwest Jenin Water Project
Indefinite Quantity Contract No.:	AID-294-I-00-12-00002
Task Order No.:	AID-294-TO-015-00010
NTP Date:	October 26, 2015
Contract Value:	\$ 12,949,433.37
BOQ Line Item Amount:	\$ 12,449,433.37
Day Work Amount:	\$ 500,000.00
Start Date Of Construction Activity:	December 21, 2016
Contractual Period Of Performance:	480 Calendar Days
Contractual completion Date:	February 16, 2017

1.6 Contract Milestones:

The contractual milestones are:

Start Milestone – Notice to Proceed: October 26, 2015

Finish Milestone – Project Completion Date: February 16, 2017

2 Project Dashboard Status

Contract Elapsed Time as of June 30, 2016 [%]	51.19 %
Planned Percentage of Completion through June 30, 2016 [%]	24.26 %
Actual Percentage of Completion through June 30, 2016 [%]	19.82 %
Float (Days)	-51 days (Negative Float) due to deferring site condition at Arraba reservoir, Jalqamus Reservoir, Kuferit reservoir and Kafer Rai reservoir

3 Permits

The following permits have been obtained for the work under this Task Order.

- Israeli Civil Administration (ICA) Construction Permit
- Palestinian Water Authority (PWA) Construction Permits

4 Project Construction Area

- The project construction area distributed between Areas A, B and C. Therefore; The Morganti Group, Inc., (TMGI) will implement a proactive performance of any and all coordination needed with the District Civil Liaison Office (DCL), Civil Administration Departments, Ma'atz (Israeli National Roads Company), the Israeli Police and any other relevant authority or utility that has jurisdiction over any portion of the construction works. Coordination includes, but is not limited to, any work needed to obtain approvals; coordinating the movement of personnel, equipment and materials to and from the project site; and any other coordination required by

the relevant authorities to ensure no hindrance of the scheduled completion of the project in a timely manner.

5 Traffic Control Plan

TMGI and SAK will implement traffic control plan prior to starting any work in the road right-of-way/easement and the traffic control plan and safety measures will be maintained during construction activities.

The following segments of transmission pipe lines are located in Area C

1. ANZA - AJJA TRANSMISSION PIPELINE
From STA: 0+270 to STA: 1+104
2. YABAD - KUFEIRIT TRANSMISSION PIPELINE
From STA: 0+000 to STA: 0+640.
3. JALQAMUS - AL MUTILLA TRANSMISSION PIPELINE (AL Mughayyir-AL Mutilla Force Line).
From STA 0+270 to STA: 1+430.

6 Safety Program:

TMGI will post OSHA-required notices and establish safety programs prior to starting any work as stated in section C.9.2 of basic IQC Contract; protect life, property and the environment with respect to all work performed under this IQC, whether performed by the Prime-Contractor or subcontractors.

7 Period of Performance

The period of performance for this project ‘**Southwest Jenin Water Project**’ under this Task Order is **480 calendar days** from the date of USAID’s issuance of the Notice to Proceed (NTP) to the date of project completion and acceptance by USAID.

8 Task Order Constraints

All schedule constraints were incorporated in the preliminary schedule as required in RFTOP-WATER-294-15-000008 section F5 – B1

Activity Name	Constraint
Preparation & Submit Copy of Bank Guarantee Certificates	Within (14) calendar days after the date of Task Order award
Preparation & Submit Scheduling Qualification Submittal	within 10 Days after Notice to Proceed
Preparation & Submit Key Staff	Due no later than 14 days NTP
Preparation & Submit Quality Control Program	Due no later than 30 days after Notice to Proceed and prior to commencement of any construction activity.
Preparation & Submit Safety Plan	Due no later than 45 days after issuance of NTP and prior to commencement of any construction activity.
Preparation & Submit Traffic Control Plan	Due prior to commencement of any construction activity.
Preparation & Submit Environmental Monitoring and Mitigation Plan	Due no later than 45 days after issuance of NTP, and prior to commencement of any construction activity.
Preparation & Submit Baseline CPM Schedule	Due no later than 45 days after issuance of NTP

9 Work Groups and Crews:

As indicated previously TMGI will execute and perform the work through its subcontractor SAK, the construction work plan was established based on the following work groups and crews:

1. Construction of Facilities:

- Two Groups (each Group consist of two Crews) will handle the construction of the civil works of Reservoirs and the Booster Station. The responsibility of each crew includes:
 - Demolition and excavation.
 - Pouring concrete for blinding. Fixing and installing formwork. Bending and fixing steel reinforcement. R.C pouring for foundations, columns, walls and roof slab.
 - External works including base course, asphalt, riprap, fences, walls, gates, and all other works.

Each crew will compose of the following equipment and workforce:

- 1 Foreman, 3 formwork erectors, 2 steel fixers, 5 helpers and 1 pipe fitter.
- 1 Rock breaker/ excavator, 1 JCB 3CX, 1 Loader, 1 Dump Trucks, 1 Steel Roller, 1 Plate Compactor, 1 Concrete Pump, 4 Transit Mixers, 2 Vibrators, 1 Water Tank-Part Time, and 1 steel bar bending and cutting machine.

2. Yard piping and mechanical assemblies at the Booster Station and Reservoirs:

- One crew will handle all yard piping and mechanical assemblies. The responsibility of this crew includes:
 - Welding and installing all pipes at the booster station and reservoirs.
 - Installing all mechanical assemblies in the booster station and reservoirs.

This crew will compose of the following equipment and workforce:

- 1 welder (Forman), 1 fabricator, 1 skilled labor and 2 unskilled labors.
- 1 Generator, 1 Welding Machine, 1 small crane, 1 Truck.

3. Excavation, pipeline Installation, Backfilling:

- One crew will handle the main transmission pipeline. As per the following sequence of work
 1. Sanur Junction to Maythaloun Well pipeline (250mm x 3.7 km)
 2. Talfit Junction to Jalqamus Reservoir (150mm x 2.3 km)
 3. Jalqamus Reservoir to Jalqamus Junction (150mm x 1.8 km)
 4. Jalqamus Junction to Al Mutilla Booster Station (150mm x 2.7 km)
 5. Al Mutilla Booster Station to Al Mutilla Reservoir (150mmx 1.7 km)
 6. Al Mutilla Distribution Network.
 7. Yabad Junction to Kuferit Reservoir pipeline (150mm x 2.4 km)
 8. Anza Junction to Ajja Reservoir pipeline (200mm x 1.1 km)
 9. Ajja Network Supply Pipeline (200mm x 1.2 km)

The responsibility of each crew includes:

- Excavation, bedding, pipe welding and backfilling,

Each crew will compose of the following equipment and workforce:

- 1 Foreman, 2 skilled labors and 2 welders.
- 1 Excavator, 1 JCB 3CX, 2 Dump Trucks, 1 Loader CAT 950, 1 Water tank, 1 Steel Roller Bomag, 1 Generator, 1 truck crane, 1 welding machine, and 1 Asphalt Cutter and Hand tools.

The average productivity rate for each crew including trench excavation, bedding, installation, and backfilling and cathode protection and testing will be:

For 2" Transmission Pipeline is 100 linear meter per day (Network)

For 3" Transmission Pipeline is 100 linear meter per day (Network)

For 6" Transmission Pipeline is 120 linear meter per day

For 8" Transmission Pipeline is 90 linear meter per day

For 10" Transmission Pipeline is 80 linear meter per day

4. Pipe Fabrication and welding:

- One crew will handle the pipe fabrication and welding and will compose of the following equipment and workforce:
 - 1 Welding Foreman, 2 welders, and 2 skilled labors.
 - 2 Welding Machines, 2 mobile generator sets, 1 20 ton crane and 1 holiday machine.

5. Pipeline Cathodic Protection:

- One crew will handle the cathodic protection installation. The responsibility of this crew includes:
 - Hole Boring, Anodes Installation, Exothermal welding and weld protection,
 - Install Test Stations

This crew will compose of the following equipment and workforce:

- 1 Foreman, welder and helper.
- 1 Auger drill, 1 Generator, 1 pickup, 1 welding machine and 1 set of hand tools.

6. Chambers Construction:

- Two crews will handle all chambers Construction and fittings installation.
 - Chamber Crew 1 – Cast In situ crew ; The responsibility of this crew includes:
 - ✓ Fixing and installing manhole formwork.
 - ✓ Bending and fixing steel reinforcement.
 - ✓ Concrete pouring and Covers installation
 - ✓ Insulation and Backfilling

This crew will compose of the following equipment and workforce:

- 2 Carpenter (one of them Foreman), 2 Steel Fixer, 2 unskilled and 2 skilled labors.
- 1 Concrete Vibrator, 1 Generator and 1 Truck.

- Chamber Crew 2 – Precast crew ; The responsibility of this crew includes:
 - ✓ Excavation for installation of Precast chambers
 - ✓ Installation of precast chambers
 - ✓ Insulation and Backfilling

This crew will compose of the following equipment and workforce:

- 1 unskilled and 1 skilled labors.

7. Mechanical assemblies inside Chambers:

- One crew will handle all piping and mechanical assemblies at chambers. The responsibility of this crew includes:
 - Welding and installing all pipes connection.
 - Installing all mechanical assemblies in chambers.

This crew will compose of the following equipment and workforce:

- 1 Foreman, 1 welder, 1 fabricator, and 4 unskilled labors.
- 1 Generator, 1 Welding Machine, 1 small crane, 1 Truck.

8. Pipelines trench reinstatement:

- One crew will handle the trench reinstatement over trenches. The responsibility of this crew includes:
 - Spreading, mixing, leveling and compaction of base course layers with the required thicknesses as per specifications, details and BOQ.
 - Spraying prime coat MCO70.
 - Spreading, levelling and compaction of asphalt layers with the required thicknesses as per specifications, details and BOQ.
 - Spraying tack coat RC where needed.

This crew will compose of the following equipment and workforce:

- 1 Foreman, 2 skilled labors, 2 unskilled labors.
- 1 truck, 1 Excavator JCB 3CX, 1 Water Tanker, 1 bobcat with power broom, 1 pickup, 1x 120cm asphalt steel roller, 1 pneumatic roller, 1 MCO70 and/ or RC spraying tanker and 1 asphalt cutting machine.

Productivity rate for pipelines trench reinstatement will be as follows:

- 200 - 300 linear meters per day for asphalt trench restoration.
- 150 - 200 linear meters per day for Base course trench restoration (if required). Laying of Base course layer will be immediately after completion of installation and backfilling of trench.
- The testing of base course layer will be carried out prior applying the two layers of asphalt.

9. Cleaning, washing, testing & disinfection:

- One crew will handle the cleaning, washing, testing & disinfection of water-holding structures and/or pipelines. The responsibility of this crew includes:
 - Hydro testing, cleaning, washing, flushing & disinfection of the pipelines.
 - Perform all bacteriological tests as per the specifications.

This crew will compose of the following equipment and workforce:

- 1 Foreman, 1 lead bacteriological technician, 2 skilled labors, 2 unskilled labors.
- 1 Water Tanker, 1 hydrostatic pump, 1 pickup, 2 calibrated gauges and 1 generator.

10. Power Supply, Electrical Panels, Instrumentation Installation and SCADA Activation:

- One crew will handle the electrical power supply connections and SCADA activation. The responsibility of this crew includes:
 - Installation of the RTU/PLC panels and Antennas at specific locations
 - Programing and communication setup and integration into Ramallah CCR Panel
 - Installation of MCC panels and necessary cabling to various instruments and equipment

This crew will compose of the following equipment and workforce:

- 3 skilled electricians (one of them Forman), 3 unskilled labors.
- Cable termination kits, megger meter and tools.

It is to be noted that all required plant and equipment needed to perform the works per the crews' assignment above are all available.

11. Roads reinstatement and Access Road Upgrades:

- One crew will handle the roads reinstatement for the complete or up to 3.0 m of the road width. The responsibility of this crew includes:
 - Spreading, mixing, leveling and compaction of subgrade layers, and base course layers with the required thicknesses as per specifications, details and BOQ.

- Spraying prime coat MCO70.
- Spreading, leveling and compaction of asphalt layers with the required thicknesses as per specifications, details and BOQ.

This crew will compose of the following equipment and workforce:

- 1 Foreman, 2 skilled labors, 2 unskilled labors.
- 4 trucks, 1 loader CAT 950, 1 water tanker, 1 bobcat, 1 pickup, 1 asphalt steel roller, 2 pneumatic rollers, 1 asphalt finisher, 1 MCO70 spraying tanker and 1 asphalt cutting machine.

Productivity Rate will be as follows:

- Excavation, backfilling, subgrade preparation, Sub Base and Base course layers: 1000 – 1200 m² per day.
- Asphalt work: 2000 – 2200 m² per day.

10 Sequence of work and logic Network:

- ✓ Based on the above-mentioned work groups and crews and the task order scope of work, the construction related activities were planned and sequenced to minimize public disruption and to complete the project within the time frame.
- ✓ The execution activities were scheduled to be started following approval of implementation of traffic control plan and safety plan.
- ✓ The execution activities will be started following approval of shop drawings in addition to the approval of material and method statement submittals.
- ✓ The above work will be scheduled and sequenced to ensure continuous operation of the existing plant facilities as per specification section 01310 part 24.04.
- ✓ The work group of transmission pipelines and chambers will start work following delivery of pipes and will start construction activities from Area A and B, to allow sufficient time for coordination and approval of traffic control plan from Israeli authority at area C.
- ✓ TMGI will execute and perform the aforementioned task order through its subcontractor SAK.
- ✓ TMGI will use the CPM scheduling technique to plan, schedule, and tracking and control the performance of work prior, during, and after construction period of the project.
- ✓ The Original Baseline CPM Schedule comprises all the detailed construction-related activities using the critical path method (CPM). The Schedule provides sufficient detail and clarity to reflect the intricacies and interdependencies of activities to Morganti plan, schedule, monitor, control and report on the progress of its work. In addition, it shall provide the Engineer and Owner a tool to monitor and follow the progress for all phases of the Work.

The original CPM Schedule shows detailed construction-related activities for the entire project including **preconstruction**, **construction** and **post construction** phase as Follows:

- The project was divided to three main phases; **Preconstruction Phase**, **Construction Phase** and **Post Construction phase**, in addition to the **general and intermediate milestones**.
- The **Preconstruction Phase** consists of the following:
 - ✓ List of Preconstruction Submittals activities that will be submitted during the preconstruction phase and prior to commencement of any construction activities.
 - ✓ List of mobilization activities that will be completed during the initial 30 days after Notice to Proceed (NTP).
- The **Construction Phase** consists of the following activities:
 - ✓ Construction submittals activities that consist of the following:
 - Material Submittals such as mechanical, electrical and civil material submittals,
 - Submittals necessary for long lead items procurement.
 - Shop drawing submittals for transmission pipelines, booster station and reservoirs.
 - ✓ Procurement activities are planned to be started immediately following approval of long lead items submittals.
 - ✓ Execution Activities: the Work Break down Structure (WBS) consists of all execution activities to complete the scope of work under this task order. The execution phase divided into four major zones based on the geographical location and sequenced as follows :
 - ✓ Zone 01

1. Al Mutilla Reservoir (Elevated); Work group 01 – First crew
 2. Jalqamous Reservoir; Work group 01 – Second crew
 3. Al Mutilla Booster Station; Work group 01 – First crew
- ✓ Zone 02
 1. Arraba Reservoir; Work group 02 – First crew
 2. Kuferit Reservoir; Work group 02 – Second crew
 - ✓ Zone 03
 1. Ajja Reservoir; Work group 02 – First crew
 2. Kafr Rai Reservoir; Work group 02 – Second crew
 - ✓ Zone 04 (Chamber crew 01)
 - Replacement of chambers
 - ✓ Training, commissioning and start up activities.
- The **Post Construction Phase** Consists of the following activities:
 - ✓ Post Construction submittals that include warranties, operation and maintenance manual submittals activities.
 - ✓ Demobilization activities.

(For more details regarding the component of each WBS, please refer to the attached WBS – Summary Schedule and detail CPM Schedule).

10.1 Out Out-of-sequence activities

- Activity: AI-ARR-1000 Start of Arraba Reservoir
- Activity: AJR-SD-1020 Prep. & Sub. Structural Shop drawing for Ajja Reservoir
- Activity: AJR-SD-1190 Prep. & submit Retaining wall Shop drawing for Ajja Reservoir
- Activity: E-ARR-1000 Implement Safety measures and Traffic Control Plan
- Activity: E-ARR-1040 Relocation of the existing pipeline and Demolition of existing reservoir
- Activity: E-ARR-1060 Excavation for the base slab of the Reservoir and subgrade layer
- Activity: E-ARR-1080 Excavation for Retaining and Boundary walls
- Activity: E-ARR-1100 Furnish and install base course (150mm in depth) under base slab
- Activity: E-JLR-1055 Excavation for Foundation & Subgrade layer Compaction
- Activity: E-JLR-1090 Cast Concrete for foundation
- Activity: E-JLR-1100 Form/Steel Rebar for Foundation
- Activity: E-JLR-1120 Concrete Curing & Isolation
- Activity: E-JLR-1175 Demolition of existing Facilities, Site Cleaning & Grubbing
- Activity: E-JLR-1180 Site Grading and Preparation
- Activity: E-JLR-1310 Structural Excavation for the base slab of the Reservoir & Inlet Outlet Chamber and Subgrade layer
- Activity: E-JLR-1430 Construction of Lean Concrete under Reservoir
- Activity: E-KFR-1000 Excavation to the required level for Access Road to Kuferit Reservoir from Station 0+000 to Station 0+170
- Activity: E-KFR-1020 Spreading and Compaction of 20cm Base Course for Access Road to Kuferit Reservoir from Station 0+000 to Station 0+170
- Activity: E-KFR-1820 Excavation for Foundation & Subgrade layer Compaction
- Activity: E-KFR-1890 Furnish & Install Fence

Activity: E-MTR-1090 Furnishing, levelling, and compacting of subgrade layer under footing

Activity: E-MTR-1170 Furnish and install base course (200mm in depth) under Slab on Grade

Activity: E-MTR-1180 Reinforcing of Slab on Grade

Activity: E-MTR-5040 Cast Concrete

Activity: JLR-SD-1100 Prep. & Sub. Electrical shop drawing for Jalqamus Reservoir

Activity: JLR-SD-1160 Prep. & Submit Piping Plan for Jalqamus Reservoir

Activity: MTB-010 Excavation for Clearing, Site Grading & Preparation

Activity: MTR-SD-200 Prep. & Sub. Electrical shop drawing for Al Mutilla Elevated Reservoir

Activity: MTR-SD-260 Prep. & Submit Piping Plan for Al Mutilla Elevated Reservoir

Activity: SWJ-MMS-1060 Prep. & Sub. Gate Valve - 2", 3" & 4"

Activity: SWJ-MMS-1160 Prep. & Sub. Strainer PN16 & PN25

During March

Activity: E-AJR-1670 Implement Safety measures and Traffic Control Plan for Ajja Reservoir

Activity: E-ARR-1080 Excavation for Retaining and Boundary walls

Activity: E-ARR-1140 Reservoir base slab - Formwork

Activity: E-ARR-1160 Reservoir base slab reinforcing steel & water stop installation

Activity: E-ARR-1170 Construction of Boundary Walls - south and west side

Activity: E-JLR-1190 Cast Reinforced Concrete for the Retaining Wall

Activity: E-JLR-1200 De-shuttering & Curing

Activity: E-JLR-1290 Concrete Curing & Isolation

Activity: E-JLR-1300 Form/Steel rebar for the Retaining Walls with Drain System - Fence Steel Props Installation

Activity: E-JLR-1370 Excavation, Furnish and install subgrade piping system (Perforated, Outlet & Washout)

Activity: E-JLR-1390 Cast Reinforced Concrete for the Retaining Wall

Activity: E-JLR-1420 Furnish and install base course (150mm in depth) under base slab

Activity: E-JLR-1470 Reservoir base slab - Formwork

Activity: E-KFR-1820 Excavation for Foundation & Subgrade layer Compaction

Activity: E-KFR-2015 Demolition, removal, clear and grub site, Site Grading and Preparation

Activity: E-MTR-1470 Formwork For intermediate Beams & Stairs 2nd Level and Valve room slab

Activity: E-MTR-5160 Cast Reinforced Concrete for the Retaining Wall

Activity: SWJ-TCP-1420 Preparation & Submit Traffic Control Plan for Anza-Ajja (Area C) From STA: 0+270 to STA: 1+104

Activity: E-ARR-1100 Furnish and install base course (150mm in depth) under base slab

Activity: E-ARR-1150 Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and other pipes)

Activity: E-MTR-5030 Excavation for Foundation & Subgrade layer Compaction

Activity: JLR-SD-1170 Review & Approval of Piping Plan for Jalqamus Reservoir

Activity: SWJ-CMS-1080 Review & Approval of Manhole Cover

Activity: SWJ-EMS-110 Review & Approval of Pressure differential switches

Activity: SWJ-EMS-140 Prep. & Sub. Cathode protection: High Potential Magnesium Anodes

Activity: SWJ-EMS-270 Review & Approval of Power Cable

Activity: SWJ-EMS-530 Review & Approval of Pressure Indicating Transmitter

Activity: SWJ-EMS-750 Review & Approval of Pressure and Level Instrument
 Activity: SWJ-MMS-1370 Review & Approval of Mechanical Coupling

During April

Out-of-sequence activities.....43

Activity: A1450 Order, Manufacturing and Delivery of Booster Pump

Activity: AI-1010 Finish of Mobilization

Activity: AI-1030 Finish of Pre-Construction Submittals

Activity: AJR-SD-1060 Prep. & Sub. Electrical shop drawing for Ajja Reservoir

Activity: AJR-SD-1070 Review & Approval of Electrical shop drawing for Ajja Reservoir

Activity: ARR-SD-150 Review & Approval of Excavation Plan for Arraba Reservoir

Activity: ARR-SD-190 Review & Approval of Mechanical Shop drawing for Arraba Reservoir

Activity: ARR-SD-200 Prep. & Sub. Electrical shop drawing for Arraba Reservoir

Activity: ARR-SD-260 Prep. & Submit Piping Plan for Arraba Reservoir

Activity: E-AJR-1410 Demolition, removal, clear and grub site

Activity: E-AJR-1420 Site Grading and Preparation

Activity: E-AJR-1670 Implement Safety measures and Traffic Control Plan for Ajja Reservoir

Activity: E-AJR-1700 Excavation for Foundation & Subgrade layer Compaction

Activity: E-AJR-1780 Excavation for Foundation & Subgrade layer Compaction

Activity: E-AJR-1860 Excavation for Foundation & Subgrade layer Compaction

Activity: E-AJR-1960 Excavation for Foundation & Subgrade layer Compaction

Activity: E-ARR-1080 Excavation for Retaining and Boundary walls

Activity: E-ARR-1140 Reservoir base slab - Formwork

Activity: E-JLR-1370 Excavation, Furnish and install subgrade piping system (Perforated, Outlet & Washout)

Activity: E-JLR-1420 Furnish and install base course (150mm in depth) under base slab

Activity: E-JLR-1470 Reservoir base slab - Formwork

Activity: E-KFR-1820 Excavation for Foundation & Subgrade layer Compaction

Activity: E-MTR-5030 Excavation for Foundation, Subgrade layer Compaction & cast lean concrete

Activity: E-MTR-5160 Cast Reinforced Concrete for the Retaining Wall

Activity: E-MTR-5180 De-shuttering & Curing

Activity: JLR-SD-1170 Review & Approval of Piping Plan for Jalqamus Reservoir

Activity: SMT-SD-1110 Prep. & Sub. Shop drawing for Meithalun Well Outlet Connection Chamber 150mm (CCH-106)

Activity: SWJ-CMS-1080 Review & Approval of Manhole Cover

Activity: SWJ-CMS-1100 Review & Approval of Manhole rung

Activity: SWJ-EMS-110 Review & Approval of Pressure differential switches

Activity: SWJ-EMS-140 Prep. & Sub. Cathode protection: High Potential Magnesium Anodes

Activity: SWJ-EMS-270 Review & Approval of Power Cable

Activity: SWJ-EMS-530 Review & Approval of Pressure Indicating Transmitter

Activity: SWJ-EMS-750 Review & Approval of Pressure and Level Instrument

Activity: SWJ-MMS-1370 Review & Approval of Mechanical Coupling

Activity: SWJ-PC-SUB-17 Preparation & Submit Dilapidation Survey

Activity: SWJ-PC-SUB-17-R&A Review & Approval of Dilapidation Survey

Activity: SWJ-TCP-1320 Preparation & Submit Traffic Control Plan for Yabad-Kuferit Pipeline (Area A and B)

Activity: SWJ-TCP-1340 Preparation & Submit Traffic Control Plan for Anza-Ajja (Area A and B)

- Activity: SWJ-TCP-1400 Implement Safety measures and Traffic Control Plan for Zone 01
- Activity: SWJ-TCP-1420 Preparation & Submit Traffic Control Plan for Anza-Ajja (Area C) From STA: 0+270 to STA: 1+104
- Activity: TJT-SD-1090 Review & Approval of Shop drawing for AAU Connection Chamber at Station 0+620 (CHD-155)
- Activity: TJT-SD-1100 Prep. & Sub. Shop drawing for Tanin Connection Chamber at station 1+030

During May 2016

- Out-of-sequence activities.....17
- Activity: A1460 Order, Manufacturing and Delivery of Mechanical Valves and fittings
- Activity: A1470 Order, Manufacturing and Delivery of Electrical components and SCADA System
- Activity: E-AJR-1820 Form/Steel Rebar for the Retaining Walls with Drain System - Fence Steel Props Installation
- Activity: E-AJR-1870 Form/Steel Rebar for Foundation
- Activity: E-AJR-1940 Cast Concrete
- Activity: E-AJR-1950 Concrete Curing & Isolation
- Activity: E-AJR-1980 Cast Reinforced Concrete for the Retaining Wall
- Activity: E-AJR-1990 DE shuttering & Curing for Walls
- Activity: E-AJR-2010 Form/Steel Rebar for the Retaining Walls with Drain System - Fence Steel Props Installation
- Activity: E-JLR-1320 Furnish & Install Fence
- Activity: E-JLR-1450 Furnish & Install Fence
- Activity: KFR-SD-200 Prep. & Sub. Electrical shop drawing for Kuferit Reservoir
- Activity: KFR-SD-210 Review & Approval of Electrical shop drawing for Kuferit Reservoir
- Activity: KFR-SD-260 Prep. & Submit Piping Plan for Kuferit Reservoir
- Activity: KFR-SD-270 Review & Approval of Piping Plan for Kuferit Reservoir
- Activity: KRR-SD-200 Prep. & Sub. Electrical shop drawing for Kafr Rai Reservoir
- Activity: KRR-SD-210 Review & Approval of Electrical shop drawing for Kafr Rai Reservoir

During June 2016

- Out-of-sequence activities.....23
- Activity: AI-KRR-1110 Start of Kafr Rai Reservoir
- Activity: E-AJR-1440 Compacted base course for site grading, 200 mm layer
- Activity: E-AJR-1460 Furnishing, levelling, and compacting of subgrade layer and Excavation for piping system (Perforated, Outlet & Washout)
- Activity: E-AJR-1800 Cast Concrete
- Activity: E-AJR-1810 Concrete Curing & Isolation
- Activity: E-AJR-1820 Form/Steel Rebar for the Retaining Walls with Drain System - Fence Steel Props Installation
- Activity: E-AJR-1930 Furnish & Install Fence
- Activity: E-AJR-2000 Furnish & Install Fence
- Activity: E-KFR-1410 Furnish & Install Fence
- Activity: E-KFR-1490 Furnish & Install Fence
- Activity: E-KFR-1570 Furnish & Install Fence
- Activity: E-KFR-1650 Furnish & Install Fence
- Activity: E-KFR-1810 Furnish & Install Fence
- Activity: E-KRR-1710 Demolition, removal, clear and grub site
- Activity: E-KRR-1810 Site and access Road Grading and Preparation

Activity: E-KRR-2410 Excavation for Foundation & Subgrade layer Compaction
Activity: E-KRR-2490 Excavation for Foundation & Subgrade layer Compaction
Activity: E-KRR-2650 Excavation for Foundation & Subgrade layer Compaction
Activity: E-KRR-3000 Excavation for Foundation & Subgrade layer Compaction
Activity: E-SMT-1270 Exc., Bed. Install. And Backfill. 250mm Pipe from TEE to
Connection Outlet pipe (Booster Station) (0+000 to 0+134)
Activity: MTB-SD-320 Prep. & Submit Shed Design for Al Mutilla Booster Station
Activity: SWJ-EMS-170 Review & Approval of Cathode protection: Accessories, flanges
insulating kit
Activity: SWJ-TCP-1360 Implement Safety measures and Traffic Control Plan for
Zone 03

11 Scheduling assumptions

11.1 Project Constraint:

All schedule constraints were incorporated in the original CPM schedule as required in executed task order section F5.

Activity Name	Constraint
Start Milestone - Notice to Proceed:	October 26, 2015
Finish Milestone - Project Completion:	February 16, 2017
Preparation & Submit Copy of Bank Guarantee Certificates	Within (14) calendar days after the date of Task Order award
Preparation & Submit Scheduling Qualification Submittal	within 10 Days after Notice to Proceed
Preparation & Submit Key Staff	Due no later than 14 days NTP
Preparation & Submit Quality Control Plan with Testing Lab C.V	Due no later than 30 days after issuance of Notice to Proceed and prior to commencement of any construction activity.
Preparation & Submit Safety Plan	Due no later than 45 days after issuance of NTP and prior to commencement of any construction activity.
Preparation & Submit Traffic Control Plan	Due prior to commencement of any construction activity.
Preparation & Submit Environmental Monitoring and Mitigation Plan	Due no later than 45 days after issuance of NTP, and prior to commencement of any construction activity.
Preparation & Submit Original CPM Construction Schedule	Due no later than 45 days after issuance of NTP

11.2 Activity Codes:

A: General Milestone
 IA: Intermediate Milestone
 SWJ: South West Jenin Project
 ARR: Arraba Reservoir
 JLR: Jalqamus Reservoir
 KRR: Kafr Rai Reservoir
 AJR: Ajja Reservoir
 KFR: Kuferit Reservoir
 MTR: Al Mutilla Reservoir
 MTB: Al Mutilla Booster Station
 JMT: Jalqamus - Al Mutilla Transmission Pipeline
 MTT: Al Mutilla Transmission Pipeline
 SMT: Sanur - Maythaloun Transmission Pipeline
 AAT: Anza - Ajja Transmission Pipeline
 YKT: Yabad - Kuferit Transmission Pipeline
 TJT: Talfit - Jalqamus Transmission Pipeline
 JLT: Jalqamus Transmission Pipeline
 AJP: Ajja Network Supply Pipeline
 MTN: Al Mutilla Distribution Network
 MOB: Mobilization
 PCS: Preconstruction Submittals
 R&A: Review and Approval

COR: Coordination activities
 SD: Shop drawing submittals
 CS: Construction Submittals
 MMS: Mechanical Material Submittals
 CMS: Civil Material Submittals
 EMS: Electrical Material Submittals
 PRO: Procurement
 E: Execution activities
 PCS: Post Construction Submittals
 ER: Elevated Reservoir
 BS: Pump station
 CH: Chambers

11.3 Calendars:

Three types of calendars were used for the Preliminary progress schedule

- 7-Day Workweek (without holidays): for Milestones activities
 - Working Days: 7 days / week.
 - Working Hours: 8 hours / day.
- SWJ - 6 Day Work: for Contractor's activities:
 - Working Days: 6 days / week
 - Working Hours: 8 hours / day
 - Weekly Holiday: Friday
 - Including local holidays listed below.
 - Including rainy days listed below.
- SWJ- 5 Day Work: for Engineer's activities:
 - Working Days: 5 days / week
 - Working Hours: 8 hours / day
 - Weekly Holiday: Friday and Saturday.
 - Including local holidays listed below.
- Working Hours (Normal): 8 hours / day
- Working Hours during month of Ramadan: Saturday – Thursday, 5 hours / day,

During the Ramadan period, the Governmental Authorities, utility agencies, and many other organizations work short hours, normally from 9:00 a.m. to 2:00 p.m. (unless otherwise announced by the Palestinian Government). Traffic patterns change at this time. TMGI and SAK will accommodate and revise their operations during this period according to their actual working hour requirements.

- Official Palestinian Holidays:
 - ✓ Official Palestinian Holidays 2015:
 - January 01, 2015: National Day
 - April 12, 2015: Easter Day (Eastern)
 - May 01, 2015: Labor Day (International)
 - July 18 to July 20, 2015: Eid Al-Fitr (Feast of Breaking the Fast)
 - September 23 to September 27, 2015: Eid Al-Adha (Feast of the Sacrifice)
 - November 15, 2015: Independence Day (Palestinian State Declaration)
 - December 25, 2015: Christmas Day (Western calendar).

✓ Official Palestinian Holidays 2016:

- January 01, 2016: National Day
- May 01, 2016: Easter Day (Eastern)
- May 01, 2016: Labor Day (International) Actual Holiday to be taken on May 02, 2016
- July 05 to July 07, 2016: Eid Al-Fitr (Feast of Breaking the Fast)
- September 11 to September 13, 2016: Eid Al-Adha (Feast of the Sacrifice)
- November 15, 2016: Independence Day (Palestinian State Declaration)
- December 25, 2016: Christmas Day (Western calendar).

✓ Official Palestinian Holidays 2017:

- January 01, 2017: National Day
- April 16, 2017: Easter Day (Eastern)
- May 01, 2017: Labor Day (International)
- June 25 to June 27, 2017: Eid Al-Fitr (Feast of Breaking the Fast)
- September 02 to September 05, 2017: Eid Al-Adha (Feast of the Sacrifice)
- November 15, 2017: Independence Day (Palestinian State Declaration)
- December 25, 2017: Christmas Day (Western calendar).

- ✓ Any public holiday that falls on a Friday will be taken on a Thursday but if that Thursday is part of the holiday then the preceding non-holiday day will be taken instead
- ✓ Any public holiday that falls on a Saturday (for SWJ - 5 Day Work) will be taken on a Sunday but if that Sunday is part of the holiday then the following non-holiday day will be taken instead.

• Weather Delays:

The project geographic area has a rainy weather season. Morganti is familiar with local climatological conditions and adjust the schedule accordingly. The weather data will be obtained during construction from a reputable source and will be reported on the daily joint reports. The CPM schedule includes 12 days of delay in accordance with FAR 52.236-3.

- ✓ Two days during January 2016: January 19, and 20, 2016.
- ✓ Two days during February 2016: February 20 and 21, 2016.
- ✓ Two days during December 2016: December 15 and 17, 2016.
- ✓ Three days during January 2017: January 7, 10, and 11, 2017.
- ✓ Three days during February 2017: February 05, 06 and 07, 2017.

11.4 Duration Estimates:

The activities included in the CPM Schedule defined in work days. Durations based on the labor (crafts), equipment, and materials required performing each activity on a normal workday basis. Maximum Activity durations is 20 working days or less except in the case of non-construction activities such as procurement of materials and delivery of equipment. Duration estimate based on the Productivity rates mentioned above.

11.4.1 Changes in Original Duration

The original duration of the following activities are changed as the manufacturer confirms the manufacturer and delivery period as follows:

Activity ID	Activity Name	Original Duration	Modified duration	Justification
A1450	Order, Manufacturing and Delivery of Booster Pump	223	170	As per signed Purchase orders
A1460	Order, Manufacturing and Delivery of Mechanical Valves and fittings	240	140	
A1470	Order, Manufacturing and Delivery of Electrical components and SCADA System	220	160	

11.5 Primavera Setting

- A. Schedule Options:
- i. defined as “Use expected finish dates”;
 - ii. Scheduling progressed activities set as “Use only retained logic”, not progress override option;
 - iii. Critical Path activities defined as Total Float less than or equal to zero;
 - iv. Calculating start-to-start lag from “early start” dates; and computing total float as “finish float = late finish – early finish”;
 - v. Calendar set for scheduling relationship lag as “Predecessor Activity Calendar.”
- B. Activity progress will be shown using Remaining Duration. Date format DDMMYY.
- C. The Default activity type is “Independent Task”.
- D. Date/time activity constraint(s): included in the original BL schedule as per executed task order Section F.5 REPORTS AND DELIVERABLES OR OUTPUTS.

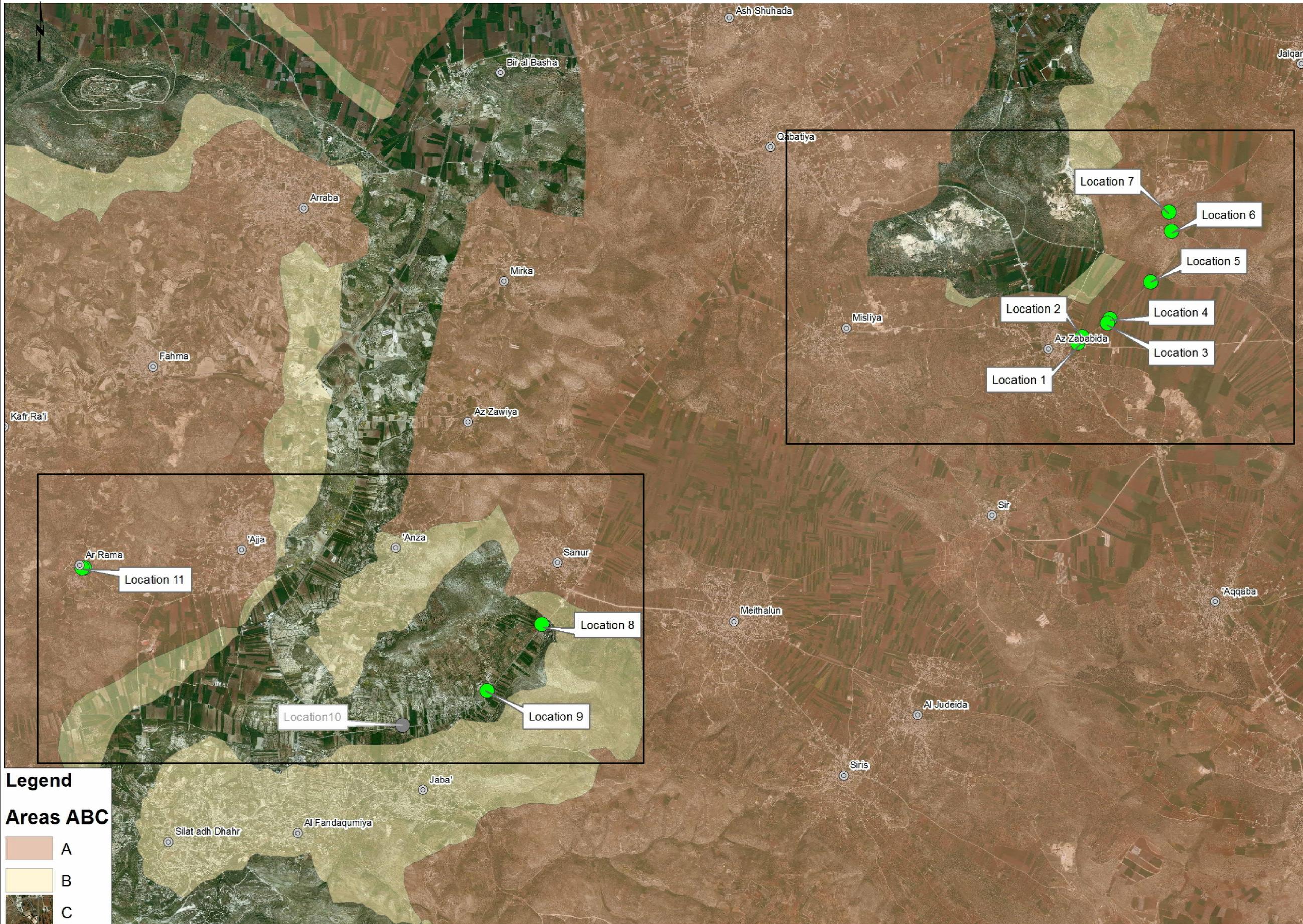
11.6 Scheduling setting

SchedulingYes
LevelingNo
Ignore relationships to and from other projectsNo
Make open-ended activities criticalNo
Use Expected Finish DatesYes
Schedule automatically when a change affects datesNo
Level resources during schedulingNo
Recalculate assignment costs after schedulingNo
When scheduling progressed activities useRetained Logic
Calculate start-to-start lag fromEarly Start
Define critical activities as Total Float less than or equal to 0
Compute Total Float asFinish Float
Calculate float based on finish date ofEach project
Calendar for scheduling Relationship LagPredecessor Activity Calendar

Advanced

Calculate multiple float paths.....No

Project Zones:



Legend

Areas ABC

- A
- B
- C

00	B..J	S.S	I.F
00	B..J	S.S	I.F
NO.	BY	CHK	APP
DATE: 05-04-2015			
DESIGNED: E. SIMMONS - B&V			
CHECKED: S.S			
APPROVED: I.F			
DATE: 05-04-2015			
PROJECT NO. 42230			
KEYMAP - 237			
SHEET 237 OF 253			

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Ramatallah, West Bank

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العنبر الهندسي الاستشاري
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USAID
من الشعب الأمريكي

سلطة المياه الفلسطينية
PALESTINIAN WATER AUTHORITY

USAID
WEST BANK INP II PROJECT
SOUTHWEST JENIN PROJECT

GENERAL KEY MAP

DESIGNED: E. SIMMONS - B&V
 DETAILED: M. FENLON - B&V
 CHECKED: S.S
 APPROVED: I.F
 DATE: 05-04-2015

0 1 2
 IF THIS BAR DOES NOT MEASURE
 20M THEN DRAWING IS NOT TO
 FULL SCALE

PROJECT NO.
42230

KEYMAP - 237
SHEET
237 OF 253

Graphical Report for:
SWJ – Updated Schedule June 30, 2016

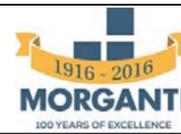
TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project

18-Jul-16 13:01



Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018			
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J
TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project					▼												▼												▼			
Milestones					▼												▼												▼			
General Milestones					▼												▼												▼			
A-1000	Notice To Proceed (NTP)	0	26-Oct-15 A		◆												◆												◆			
A-1010	Project Duration	316	26-Oct-15 A	09-Apr-17													Project Duration															
A-1020	Project Completion Date	0		09-Apr-17*													◆												◆			
Intermediate Milestones					▼												▼												▼			
AI-1000	Start of Mobilization	0	26-Oct-15 A		◆												◆												◆			
AI-1010	Finish of Mobilization	0		28-Dec-15	◆												◆												◆			
AI-1020	Start of Pre-Construction Submittals	0	26-Oct-15 A		◆												◆												◆			
AI-1030	Finish of Pre-Construction Submittals	0		21-Apr-16 A	◆												◆												◆			
AI-1040	Start of Construction Submittals	0	27-Oct-15 A		◆												◆												◆			
AI-1050	Finish of Construction Submittals	0		17-Nov-16	◆												◆												◆			
AI-1060	Finish of Construction	0		21-Mar-17	◆												◆												◆			
AI-AJR-1090	Start of Ajja Reservoir	0	13-Apr-16 A		◆												◆												◆			
AI-AJR-1100	Finish of Ajja Reservoir	0		09-Jan-17	◆												◆												◆			
AI-ARR-1000	Start of Arraba Reservoir	0	10-Jan-16 A		◆												◆												◆			
AI-ARR-1030	Finish of Arraba Reservoir	0		26-Nov-16	◆												◆												◆			
AI-JLR-1070	Start of Jalqamus Reservoir	0	22-Dec-15		◆												◆												◆			
AI-JLR-1080	Finish of Jalqamus Reservoir	0		01-Dec-16	◆												◆												◆			
AI-KFR-1070	Start of Kuferit Reservoir	0	23-Feb-16 A		◆												◆												◆			
AI-KFR-1080	Finish of Kuferit Reservoir	0		29-Nov-16	◆												◆												◆			
AI-KRR-1110	Start of Kafr Rai Reservoir	0	16-Jun-16 A		◆												◆												◆			
AI-KRR-1120	Finish of Kafr Rai Reservoir	0		21-Mar-17	◆												◆												◆			
AI-MTB-1070	Start of Al Mutilla Booster Station	0	31-Aug-16		◆												◆												◆			
AI-MTB-1080	Finish of Al Mutilla Booster Station	0		25-Jan-17	◆												◆												◆			
AI-MTR-1050	Start of Al Mutilla Elevated Reservoir	0	21-Dec-15		◆												◆												◆			
AI-MTR-1060	Finish of Al Mutilla Elevated Reservoir	0		09-Nov-16	◆												◆												◆			
AI-MTR-1070	Start of Jalqamus Transmission	0	01-May-16		◆												◆												◆			
AI-MTR-1080	Finish of Jalqamus Transmission	0		01-Feb-17	◆												◆												◆			
AI-MTR-1090	Start of Al Mutilla Booster Station to Al Mutilla Reservoir	0	01-Sep-16		◆												◆												◆			
AI-MTR-1100	Finish of Al Mutilla Booster Station to Al Mutilla Reservoir	0		01-Feb-17	◆												◆												◆			
AI-MTR-1110	Start of Sanur Junction to Maythaloun Well	0	11-Jun-16 A		◆												◆												◆			
AI-MTR-1120	Finish of Sanur Junction to Maythaloun Well	0		01-Feb-17	◆												◆												◆			
AI-MTR-1130	Start of Ajja Transmission line	0	05-Nov-16		◆												◆												◆			
AI-MTR-1140	Finish of Ajja Transmission line	0		01-Feb-17	◆												◆												◆			
AI-MTR-1150	Start of Yabad - Kuferit Main Transmission line	0	01-Oct-16		◆												◆												◆			
AI-MTR-1160	Finish of Yabad - Kuferit Main Transmission line	0		29-Jan-17	◆												◆												◆			
Preconstruction Phase					▼												▼												▼			
Mobilization					▼												▼												▼			
SWJ - MOB-0999	Construction Site Handover and Receive Conformed Drawings	1	29-Oct-15 A	29-Oct-15 A	I												I												I			
SWJ - MOB-1000	Pre-Construction Dilapidation Survey	15	22-Nov-15	21-Apr-16 A	■												■												■			
SWJ - MOB-1010	Provide, furnish and erect Temporary Project Signs	2	08-Dec-15	14-Dec-15	■												■												■			
SWJ - MOB-1020	Supply and furnish Field Office Furniture and Miscellaneous	2	29-Nov-15	28-Dec-15	■												■												■			
SWJ - MOB-1030	Supply and install Field Office Computer Systems and IT Equipments	5	29-Nov-15	28-Dec-15	■												■												■			
SWJ - MOB-1040	Arrange for and erect Contractor's work and Storage Yards	2	22-Nov-15	28-Dec-15	■												■												■			
SWJ - MOB-1060	Post OSHA-required notices and establish safety programs	2	01-Nov-15	22-Dec-15	■												■												■			
SWJ - MOB-1070	Installation of Temporary Facilities as per section 01500	3	13-Dec-15	24-Dec-15	■												■												■			

■ Actual Work
 ■ Critical Remaining Work
 ▼ Summary
■ Remaining Work
 ◆ Milestone

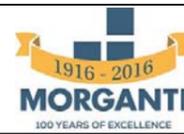


Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018			
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J
Jalqamus Reservoir - Replacement of existing 500 m3 with a new 1000m3 - at Grade					▼												01-Dec-16, Jalqamus Reservoir ...															
Traffic Control Plan and Safety					▼												01-Dec-16, Traffic Control Pla...															
E-JLR-3030	Implement Safety measures and Traffic Control Plan for Jalqamus Reservoir	2	20-Dec-15	21-Dec-15	Implement Safety measures and ...																											
E-JLR-3040	Maintain of Traffic Control Plan and Safety measures for Jalqamus Reservoir	258	21-Dec-15	01-Dec-16													Maintain of Traffic Control Pl...															
Boundary and Retaining Walls					▼												04-Jul-16, Boundary and Retain...															
Boundary and Retaining Wall from Station 01 (05) to station 04 Length = 34.21 Im					▼												04-Jul-16, Boundary and Retain...															
E-JLR-1055	Excavation for Foundation , Subgrade layer Compaction & cast lean concrete	4	31-Jan-16 A	17-Feb-16 A	■ Excavation for Foundation , Su...																											
E-JLR-1060	Form/Steel Rebars for Foundation	8	25-Feb-16 A	13-Mar-16 A	■ Form/Steel Rebars for Foundati...																											
E-JLR-1090	Cast Concrete for foundation	1	28-Feb-16 A	13-Mar-16 A	■ Cast Concrete for foundation																											
E-JLR-1120	Concrete Curing & Isolation	7	29-Feb-16 A	20-Mar-16 A	■ Concrete Curing & Isolation																											
E-JLR-1130	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14	10-Mar-16 A	13-Mar-16 A	Form/Steel Rebars for the Reta...																											
E-JLR-1190	Cast Reinforced Concrete for the Retaining Wall	1	13-Mar-16 A	22-Mar-16 A	■ Cast Reinforced Concrete for t...																											
E-JLR-1200	Deshuttering & Curing	7	14-Mar-16 A	29-Mar-16 A	■ Deshuttering & Curing																											
E-JLR-1250	Furnish & Install Fence	2	02-Apr-16 A	04-Jul-16	■ Furnish & Install Fence																											
Boundary and Retaining Wall from Station 04 to station 03 Length = 23.70 Im					▼												04-Jul-16, Boundary and Retain...															
E-JLR-1070	Excavation for Foundation , Subgrade layer Compaction & cast lean concrete	4	04-Feb-16 A	17-Feb-16 A	■ Excavation for Foundation , Su...																											
E-JLR-1100	Form/Steel Rebars for Foundation	8	22-Feb-16 A	24-Feb-16 A	Form/Steel Rebars for Foundati...																											
E-JLR-1140	Cast Concrete for foundation	1	24-Feb-16 A	24-Feb-16 A	Cast Concrete for foundation																											
E-JLR-1160	Concrete Curing & Isolation	7	25-Feb-16 A	28-Feb-16 A	Concrete Curing & Isolation																											
E-JLR-1170	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14	28-Feb-16 A	12-Mar-16 A	■ Form/Steel Rebars for the Reta...																											
E-JLR-1260	Cast Reinforced Concrete for the Retaining Wall	1	05-Mar-16 A	13-Mar-16 A	■ Cast Reinforced Concrete for t...																											
E-JLR-1270	Deshuttering & Curing For Walls	7	06-Mar-16 A	20-Mar-16 A	■ Deshuttering & Curing For Wall...																											
E-JLR-1320	Furnish & Install Fence	2	02-Apr-16 A	04-Jul-16	■ Furnish & Install Fence																											
Boundary and Retaining Wall from Station 02 to station 03 Length = 33.35 Im					▼												04-Jul-16, Boundary and Retain...															
E-JLR-1080	Excavation for Foundation , Subgrade layer Compaction & cast lean concrete	4	08-Feb-16 A	14-Feb-16 A	■ Excavation for Foundation , Su...																											
E-JLR-1150	Form/Steel Rebars for Foundation	8	05-Mar-16 A	19-Mar-16 A	■ Form/Steel Rebars for Foundati...																											
E-JLR-1210	Cast Concrete for foundation	1	08-Mar-16 A	22-Mar-16 A	■ Cast Concrete for foundation																											
E-JLR-1230	Concrete Curing & Isolation	7	09-Mar-16 A	11-Apr-16 A	■ Concrete Curing & Isolation																											
E-JLR-1240	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14	29-Mar-16 A	10-Apr-16 A	■ Form/Steel Rebars for the Reta...																											
E-JLR-1330	Cast Reinforced Concrete for the Retaining Wall	1	27-Mar-16 A	11-Apr-16 A	■ Cast Reinforced Concrete for t...																											
E-JLR-1340	Deshuttering & Curing For Wall	7	28-Mar-16 A	14-Apr-16 A	■ Deshuttering & Curing For Wall																											
E-JLR-1380	Furnish & Install Fence	2	10-Apr-16 A	04-Jul-16	■ Furnish & Install Fence																											
Boundary and Retaining Wall from Station 01 to station 02 Length = 21.20 Im					▼												04-Jul-16, Boundary and Retain...															
E-JLR-1110	Excavation for Foundation & Subgrade layer Compaction	4	11-Feb-16 A	14-Feb-16 A	Excavation for Foundation & Su...																											
E-JLR-1220	Form/Steel Rebars for Foundation	8	05-Mar-16 A	08-Mar-16 A	Form/Steel Rebars for Foundati...																											
E-JLR-1280	Cast Concrete for foundation	1	08-Mar-16 A	08-Mar-16 A	Cast Concrete for foundation																											
E-JLR-1290	Concrete Curing & Isolation	7	09-Mar-16 A	21-Apr-16 A	■ Concrete Curing & Isolation																											
E-JLR-1300	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14	14-Mar-16 A	24-Mar-16 A	■ Form/Steel Rebars for the Reta...																											
E-JLR-1390	Cast Reinforced Concrete for the Retaining Wall	1	27-Mar-16 A	27-Mar-16 A	Cast Reinforced Concrete for t...																											
E-JLR-1400	Deshuttering & Curing For Walls	7	28-Mar-16 A	07-Apr-16 A	■ Deshuttering & Curing For Wall...																											
E-JLR-1450	Furnish & Install Fence	2	10-Apr-16 A	04-Jul-16	■ Furnish & Install Fence																											
Earth Work					▼												10-Jul-16, Earth Work															
E-JLR-1175	Demolition of existing Facilities, Site Cleaning & Grubbing	10	30-Dec-15	13-Jan-16 A	■ Demolition of existing Facilit...																											
E-JLR-1180	Site Grading and Preparation	3	13-Jan-16 A	16-Jan-16 A	Site Grading and Preparation																											
E-JLR-1310	Structural Excavation for the base slab of the Reservoir & Inlet Outlet Chamber and Subgrade layer	5	14-Jan-16 A	01-Feb-16 A	■ Structural Excavation for the ...																											
E-JLR-1315	Soil verification report - Geotechnical report	5	30-Jan-16 A	09-Feb-16 A	■ Soil verification report - Geo...																											
E-JLR-1350	Digging of Inlet Outlet chamber (S-RV01)	3	02-Jul-16	10-Jul-16	■ Digging of Inlet Outlet chambe...																											
E-JLR-1370	Excavation, Furnish and install subgrade piping system (Perforated, Outlet & Washout)	3	21-Feb-16 A	17-Mar-16 A	■ Excavation, Furnish and instal...																											

■ Actual Work
 ■ Critical Remaining Work
 ▼ Summary
■ Remaining Work
 ◆ Milestone

TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project

18-Jul-16 13:01



Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018					
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M
Arraba Reservoir - Replacement of existing 1000 m3 with a new 2,000 m3 At Grade					26-Nov-16, Arraba Reservoir - ...																													
Traffic Control Plan and Safety					26-Nov-16, Traffic Control Pla...																													
E-ARR-1000	Implement Safety measures and Traffic Control Plan	2	02-Jan-16 A	04-Jan-16 A	Implement Safety measures and ...																													
E-ARR-1010	Maintain of Traffic Control Plan and Safety measures for Arraba Reservoir	264	04-Jan-16 A	26-Nov-16	Maintain of Traffic Control PL...																													
Earth Work					11-Jul-16, Earth Work																													
E-ARR-1040	Relocation of the existing pipeline and Demolition of existing reservoir	15	10-Jan-16 A	02-Feb-16 A	Relocation of the existing pip...																													
E-ARR-1050	Site and access Road Grading and Preparation	7	23-Jan-16 A	27-Jan-16 A	Site and access Road Grading a...																													
E-ARR-1060	Excavation for the base slab of the Reservoir and subgrade layer	8	23-Jan-16 A	02-Feb-16 A	Excavation for the base slab o...																													
E-ARR-1065	Soil verification report - Geotechnical report	3	23-Jan-16 A	23-Jan-16 A	Soil verification report - Geo...																													
E-ARR-1070	Digging of Inlet Outlet chamber (S-RVV01)	4	02-Jul-16	11-Jul-16	Digging of Inlet Outlet chambe...																													
E-ARR-1080	Excavation for Retaining and Boundary walls	6	24-Feb-16 A	29-Feb-16 A	Excavation for Retaining and B...																													
E-ARR-1090	Excavation for piping system (Perforated, Outlet & Washout)	4	23-Feb-16 A	17-Mar-16 A	Excavation for piping system (...)																													
E-ARR-1100	Furnish and install base course (150mm in depth) under base slab	6	14-Mar-16 A	17-Mar-16 A	Furnish and install base cours...																													
E-ARR-1130	Construction of Lean Concrete under Reservoir	5	21-Feb-16 A	20-Mar-16 A	Construction of Lean Concrete ...																													
Civil Work					04-Aug-16, Civil Work																													
E-ARR-1110	Installation of perforated pipes	3	13-Mar-16 A	13-Mar-16 A	Installation of perforated pip...																													
E-ARR-1120	Construct retaining walls - North side (Boundary)	21	01-Mar-16 A	30-Mar-16 A	Construct retaining walls - No...																													
E-ARR-1140	Reservoir base slab - Formwork	7	23-Mar-16 A	03-Apr-16 A	Reservoir base slab - Formwor...																													
E-ARR-1150	Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and other pipes)	2	23-Feb-16 A	25-Feb-16 A	Reservoir Base Slab - Pipe In...																													
E-ARR-1160	Reservoir base slab reinforcing steel & water stop installation	7	26-Mar-16 A	03-Apr-16 A	Reservoir base slab reinforci...																													
E-ARR-1170	Construction of Bounadry Walls - south and west side	21	01-Mar-16 A	07-May-16	Construction of Bounadry Walls...																													
E-ARR-1180	Reservoir base slab - Place concrete (Stage 1 - Part A, C, H, L)	1	04-Apr-16 A	04-Apr-16 A	Reservoir base slab - Place c...																													
E-ARR-1190	Reservoir base slab - Place concrete (Stage 2 - Part B, D, F, J)	1	04-Apr-16 A	04-Apr-16 A	Reservoir base slab - Place c...																													
E-ARR-1200	Reservoir base slab - Place concrete (Stage 3 - Part E, G, I, K)	1	04-Apr-16 A	04-Apr-16 A	Reservoir base slab - Place c...																													
E-ARR-1210	Curing	7	05-Apr-16 A	12-Apr-16 A	Curing																													
E-ARR-1220	Reservoir Walls - External formwork	8	12-May-16	31-May-16	Reservoir Walls - External fo...																													
E-ARR-1230	Reservoir Walls & Columns - Reinforcing steel & vertical water stop installation	12	11-Apr-16 A	05-May-16	Reservoir Walls & Columns - R...																													
E-ARR-1240	Water proofing & backfilling	1	23-Jun-16 A	23-Jun-16 A	Water proofing & backfilling																													
E-ARR-1250	Reservoir Walls & Columns - Internal formwork - (Stage 1-Walls 1,3,5 & 7)	9	10-Apr-16 A	24-May-16	Reservoir Walls & Columns - I...																													
E-ARR-1260	Reservoir Walls & Columns - Place concrete (Stage 1)	1	28-Apr-16 A	25-May-16	Reservoir Walls & Columns - P...																													
E-ARR-1270	Reservoir Walls - Internal formwork - (Stage 2-Walls 2,4,6 & 8)	9	21-May-16	26-May-16	Reservoir Walls - Internal fo...																													
E-ARR-1280	Reservoir Walls - Place concrete (Stage 2)	1	06-Jun-16 A	06-Jun-16 A	Reservoir Walls - Place concr...																													
E-ARR-1290	Reservoir Roof Slab - Formwork	12	11-Jun-16 A	28-Jun-16 A	Reservoir Roof Slab - Formwor...																													
E-ARR-1300	Reservoir Roof Slab - Reinforcing steel & Constuction Joints Installation	8	20-Jun-16 A	28-Jun-16 A	Reservoir Roof Slab - Reinfo...																													
E-ARR-1310	Reservoir Roof Slab - Place concrete (Stage 1-Part A & C)	1	29-Jun-16 A	29-Jun-16 A	Reservoir Roof Slab - Place c...																													
E-ARR-1320	Reservoir Roof Slab - Place concrete (Stage 2-Part B & D)	1	29-Jun-16 A	29-Jun-16 A	Reservoir Roof Slab - Place c...																													
E-ARR-1330	Construct Inlet & Outlet Chamber (Valve Vault)	21	11-Jul-16	04-Aug-16	Construct Inlet & Outlet Chamb...																													
E-ARR-1340	Deshuttering Formwork for Roof Slab	5	20-Jul-16	26-Jul-16	Deshuttering Formwork for Roof...																													
Mechanical Work					08-Nov-16, Mechanical Work																													
E-ARR-1360	Pipe Encasement - RC where needed	2	25-Feb-16 A	25-Feb-16 A	Pipe Encasement - RC where nee...																													
E-ARR-1370	Install buried & Non buried steel pipes & fittings- Outlet Including Outlet Drain Structure	10	08-Oct-16	18-Oct-16	Install buried & Non buried st...																													
E-ARR-1380	Install buried steel pipes & fittings - Washout	5	19-Oct-16	24-Oct-16	Install buried steel pipes & f...																													
E-ARR-1390	Install buried & Non buried steel pipes & fittings - Inlet including Valve Vault	10	25-Oct-16	05-Nov-16	Install buried & Non buried st...																													
E-ARR-1400	Install buried steel pipes & fittings - Overflow	3	06-Nov-16	08-Nov-16	Install buried steel pipes & f...																													
Electrical Work					17-Oct-16, Electrical Work																													
E-ARR-1410	Installing Earthing System	5	29-Mar-16 A	12-Jul-16	Installing Earthing System																													
E-ARR-1420	Furnish and installation of Lightning Protection and Grounding System	10	18-Aug-16	30-Aug-16	Furnish and installation of Li...																													
E-ARR-1430	Duct Bank & manholes construction including pre-cast pullbox	16	12-Jul-16	31-Jul-16	Duct Bank & manholes construct...																													

█ Actual Work
 █ Critical Remaining Work
 ▾ Summary
█ Remaining Work
 ◆ Milestone

Graphical Report for:
SWJ - One Month look ahead schedule

TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project

18-Jul-16 13:04



Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018											
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A					
TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project					▼ 09-Apr-17, TO 15-10 SWJ - Upda...																																			
Milestones					▼ 09-Apr-17, Milestones																																			
General Milestones					▼ 09-Apr-17, General Milestones																																			
A-1010	Project Duration	316	26-Oct-15 A	09-Apr-17	Project Duration																																			
Preconstruction Phase					▼ 17-Aug-16, Preconstruction Pha...																																			
Traffic Control Plan Submittals					▼ 17-Aug-16, Traffic Control Pla...																																			
AI Mutilla Booster Station Traffic Control Plan Submittals					▼ 15-Aug-16, AI Mutilla Booster ...																																			
SWJ-TCP-1020	Preparation & Submit Traffic Control Plan for AI Mutilla Booster Station	5	02-Jul-16	12-Jul-16	■ Preparation & Submit Traffic C...																																			
SWJ-TCP-1030	Review & Approval of Traffic Control Plan for AI Mutilla Booster Station	21	12-Jul-16	15-Aug-16	■ Review & Approval of Traffic C...																																			
Transmission main and supply pipelines Traffic Control Plan Submittals					▼ 17-Aug-16, Transmission main a...																																			
Area A and Area B					▼ 27-Jul-16, Area A and Area B																																			
SWJ-TCP-1330	Review & Approval of Traffic Control Plan for Yabad-Kuferit Pipeline (Area A and B)	21	11-Apr-16 A	27-Jul-16	■ Review & Approval of Traffic C...																																			
SWJ-TCP-1340	Preparation & Submit Traffic Control Plan for Anza-Ajja (Area A and B)	5	05-Apr-16 A	09-Jul-16	■ Preparation & Submit Traffic C...																																			
SWJ-TCP-1350	Review & Approval of Traffic Control Plan for Anza-Ajja (Area A and B)	21	11-Apr-16 A	27-Jul-16	■ Review & Approval of Traffic C...																																			
Area C					▼ 17-Aug-16, Area C																																			
SWJ-TCP-1420	Preparation & Submit Traffic Control Plan for Anza-Ajja (Area C) From STA: 0+270 to STA: 1+104	20	20-Mar-16 A	16-Jul-16	■ Preparation & Submit Traffic C...																																			
SWJ-TCP-1430	Review & Approval of Traffic Control Plan for Anza-Ajja (Area C) From STA: 0+270 to STA: 1+104	21	17-Jul-16	17-Aug-16	■ Review & Approval of Traffic C...																																			
SWJ-TCP-1460	Preparation & Submit Traffic Control Plan for AL Mughayyir-AL Mutilla Force Line From STA 0+270 to STA: 1+430.	20	02-Jul-16	30-Jul-16	■ Preparation & Submit Traffic C...																																			
Construction Phase					▼ 21-Mar-17, Construction Phase																																			
Construction Submittals					▼ 31-Aug-16, Construction Submit...																																			
Shop drawing Submittals					▼ 31-Aug-16, Shop drawing Submit...																																			
Reservoirs Shop drawing Submittals					▼ 24-Aug-16, Reservoirs Shop dra...																																			
AI Mutilla Elevated Reservoir - New Construction 500 m3					▼ 15-Aug-16, AI Mutilla Elevated...																																			
MTR-SD-220	Prep. & Submit Coordination Shop drawing for AI Mutilla Elevated Reservoir	5	02-Jul-16	12-Jul-16	■ Prep. & Submit Coordination Sh...																																			
MTR-SD-230	Review & Approval of Coordination Shop drawing for AI Mutilla Elevated Reservoir	21	12-Jul-16	15-Aug-16	■ Review & Approval of Coordinat...																																			
Arraba Reservoir - Replacement of existing 1000 m3 with a new 2,000 m3					▼ 18-Aug-16, Arraba Reservoir - ...																																			
ARR-SD-140	Prep. & Sub. Excavation Plan for Arraba Reservoir	5	26-Dec-15	04-Jul-16	■ Prep. & Sub. Excavation Plan f...																																			
ARR-SD-150	Review & Approval of Excavation Plan for Arraba Reservoir	21	28-Dec-15	21-Jul-16	■ Review & Approval of Excavatio...																																			
ARR-SD-180	Prep. & Sub. Mechanical Shop drawing for Arraba Reservoir	9	03-Jan-16 A	11-Jul-16	■ Prep. & Sub. Mechanical Shop d...																																			
ARR-SD-190	Review & Approval of Mechanical Shop drawing for Arraba Reservoir	21	06-Jan-16 A	21-Jul-16	■ Review & Approval of Mechanica...																																			
ARR-SD-220	Prep. & Submit Coordination Shop drawing for Arraba Reservoir	5	11-Jul-16	17-Jul-16	■ Prep. & Submit Coordination Sh...																																			
ARR-SD-230	Review & Approval of Coordination Shop drawing for Arraba Reservoir	21	17-Jul-16	18-Aug-16	■ Review & Approval of Coordinat...																																			
Jalqamus Reservoir - Replacement of existing 500 m3 with a new 1,000 m3					▼ 24-Aug-16, Jalqamus Reservoir ...																																			
JLR-SD-1080	Prep. & Sub. Mechanical Shop drawing for Jalqamus Reservoir	9	02-Jul-16	17-Jul-16	■ Prep. & Sub. Mechanical Shop d...																																			
JLR-SD-1090	Review & Approval of Mechanical Shop drawing for Jalqamus Reservoir	21	17-Jul-16	18-Aug-16	■ Review & Approval of Mechanica...																																			
JLR-SD-1120	Prep. & Submit Coordination Shop drawing for Jalqamus Reservoir	5	17-Jul-16	23-Jul-16	■ Prep. & Submit Coordination Sh...																																			
JLR-SD-1130	Review & Approval of Coordination Shop drawing for Jalqamus Reservoir	21	24-Jul-16	24-Aug-16	■ Review & Approval of Coordinat...																																			
Kuferit Reservoir - New Construction 500 m3					▼ 15-Aug-16, Kuferit Reservoir - ...																																			
KFR-SD-210	Review & Approval of Electrical shopdarwing for Kuferit Reservoir	21	02-Mar-16 A	27-Jul-16	■ Review & Approval of Electrica...																																			
KFR-SD-220	Prep. & Submit Coordination Shop drawing for Kuferit Reservoir	5	02-Jul-16	12-Jul-16	■ Prep. & Submit Coordination Sh...																																			
KFR-SD-230	Review & Approval of Coordination Shop drawing for Kuferit Reservoir	21	12-Jul-16	15-Aug-16	■ Review & Approval of Coordinat...																																			
KFR-SD-260	Prep. & Submit Piping Plan for Kuferit Reservoir	5	07-May-16	04-Jul-16	■ Prep. & Submit Piping Plan for...																																			
KFR-SD-270	Review & Approval of Piping Plan for Kuferit Reservoir	21	08-May-16	27-Jul-16	■ Review & Approval of Piping Pl...																																			
Ajja Reservoir - New Construction 1,000 m3					▼ 15-Aug-16, Ajja Reservoir - Ne...																																			
AJR-SD-1110	Prep. & Submit Coordination Shop drawing for Ajja Reservoir	5	02-Jul-16	12-Jul-16	■ Prep. & Submit Coordination Sh...																																			
AJR-SD-1115	Review & Approval of Coordination Shop drawing for Ajja Reservoir	21	12-Jul-16	15-Aug-16	■ Review & Approval of Coordinat...																																			
AJR-SD-1170	Prep. & Submit Piping Plan for Ajja Reservoir	5	02-Jul-16	12-Jul-16	■ Prep. & Submit Piping Plan for...																																			

■ Actual Work
 ■ Critical Remaining Work
 ▼ Summary
■ Remaining Work
 ◆ Milestone

TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project

18-Jul-16 13:04

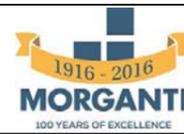


Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018											
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A					
Yard Work					▼ 18-Jul-16, Yard Work																																			
E-KFR-1900	Miscellaneous Excavation: Excavate to the required depth as per design drawings	3	14-Jul-16	18-Jul-16	Miscellaneous Excavation: Exca...																																			
Access Road to Kuferit Reservoir (170 m of two-lane road with shoulder)					▼ 01-Aug-16, Access Road to Kufe...																																			
E-KFR-1000	Excavation to the required level for Access Road to Kuferit Reservoir from Station 0+000 to Station 0+170	7	02-Jul-16	14-Jul-16	Excavation to the required lev...																																			
E-KFR-1010	Supply and lay 400mm Pre-Cast Concrete Pipe Connection joint precast	5	14-Jul-16	20-Jul-16	Supply and lay 400mm Pre-Cast ...																																			
E-KFR-1020	Spreading and Compaction of 20cm Base Course for Access Road to Kuferit Reservoir from Station 0+000 to Station 0+1	4	20-Jul-16	25-Jul-16	Spreading and Compaction of 20...																																			
E-KFR-1030	Asphalt Wearing Course Layer 7cm for Access Road to Kuferit Reservoir from Station 0+000 to Station 0+170 including M	1	25-Jul-16	26-Jul-16	Asphalt Wearing Course Layer 7...																																			
E-KFR-1035	Concrete Ditches	5	26-Jul-16	01-Aug-16	Concrete Ditches																																			
E-YKT-1160	Exc., Bed., Install. and Backfill. 150mm Kuferit Force Line from St. 2+300 to St. 2+463	2	14-Jul-16	17-Jul-16	Exc., Bed., Install. and Backf...																																			
Zone 03 - (Kafr Rai and Ajja)					▼ 21-Mar-17, Zone 03 - (Kafr Rai...																																			
Kafr Rai Reservoir and Access Road					▼ 21-Mar-17, Kafr Rai Reservoir ...																																			
Kafr Rai Reservoir - New Construction 1,000 m3 At Grade					▼ 21-Mar-17, Kafr Rai Reservoir ...																																			
Traffic Control Plan and Safety					▼ 21-Mar-17, Traffic Control Pla...																																			
E-KRR-1730	Maintain of Traffic Control Plan and Safety measures for Kafr Rai Reservoir	248	06-Apr-16 A	21-Mar-17	Maintain of Traffic Control Pl...																																			
Retaining Walls					▼ 14-Aug-16, Retaining Walls																																			
Retaining Wall from Station 01 to station 04 Length = 35.1 Im					▼ 04-Aug-16, Retaining Wall from...																																			
E-KRR-2410	Excavation for Foundation & Subgrade layer Compaction	4	16-Jun-16 A	09-Jul-16	Excavation for Foundation & Su...																																			
E-KRR-2420	Form/Steel Rebars for Foundation	8	09-Jul-16	18-Jul-16	Form/Steel Rebars for Foundati...																																			
E-KRR-2430	Cast Concrete	1	18-Jul-16	19-Jul-16	Cast Concrete																																			
E-KRR-2440	Concrete Curing & Isolation	7	19-Jul-16	27-Jul-16	Concrete Curing & Isolation																																			
E-KRR-2450	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14	19-Jul-16	04-Aug-16	Form/Steel Rebars for the Reta...																																			
Retaining Wall from Station 04 to station 03 Length = 36.08 Im					▼ 14-Aug-16, Retaining Wall from...																																			
E-KRR-2490	Excavation for Foundation&Subgrade layer Compaction	4	16-Jun-16 A	09-Jul-16	Excavation for Foundation&Subg...																																			
E-KRR-2500	Form/Steel Rebars for Foundation	8	18-Jul-16	27-Jul-16	Form/Steel Rebars for Foundati...																																			
E-KRR-2510	Cast Concrete	1	27-Jul-16	28-Jul-16	Cast Concrete																																			
E-KRR-2520	Concrete Curing & Isolation	7	28-Jul-16	06-Aug-16	Concrete Curing & Isolation																																			
E-KRR-2530	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14	28-Jul-16	14-Aug-16	Form/Steel Rebars for the Reta...																																			
Retaining Wall from Station 02 to station 03 Length = 22.78 Im					▼ 06-Aug-16, Retaining Wall from...																																			
E-KRR-2650	Excavation for Foundation&Subgrade layer Compaction	4	16-Jun-16 A	09-Jul-16	Excavation for Foundation&Subg...																																			
E-KRR-2660	Form/Steel Rebars for Foundation	8	27-Jul-16	06-Aug-16	Form/Steel Rebars for Foundati...																																			
Retaining Wall from Station 01 to station 02 Length = 26.05 Im					▼ 09-Jul-16, Retaining Wall from...																																			
E-KRR-3000	Excavation for Foundation&Subgrade layer Compaction	4	16-Jun-16 A	09-Jul-16	Excavation for Foundation&Subg...																																			
Earth Work					▼ 02-Aug-16, Earth Work																																			
E-KRR-1820	Excavation for the base slab of the Reservoir & Inlet Outlet Chamber	8	16-Jun-16 A	16-Jul-16	Excavation for the base slab o...																																			
E-KRR-1825	Soil verification report - Geotechnical report	3	16-Jul-16	19-Jul-16	Soil verification report - Geo...																																			
E-KRR-1830	Digging of Inlet Outlet chamber (S-RV01)	4	16-Jul-16	20-Jul-16	Digging of Inlet Outlet chambe...																																			
E-KRR-1840	Excavation for piping system and Furnishing, leveling, and compacting of subgrade layer	4	20-Jul-16	25-Jul-16	Excavation for piping system a...																																			
E-KRR-1860	ResFurnish and install base course (150mm in depth) under base slab	2	25-Jul-16	27-Jul-16	ResFurnish and install base co...																																			
E-KRR-1870	Construction of Lean Concrete under foundation of Reservoir	5	27-Jul-16	02-Aug-16	Construction of Lean Concrete ...																																			
Mechanical Work					▼ 27-Jul-16, Mechanical Work																																			
E-KRR-1850	Pipe Encasement - RC where needed	2	25-Jul-16	27-Jul-16	Pipe Encasement - RC where nee...																																			
Ajja Reservoir and Access Road					▼ 09-Jan-17, Ajja Reservoir and ...																																			
Ajja Reservoir - New Construction 1000 m3 At Grade					▼ 09-Jan-17, Ajja Reservoir - Ne...																																			
Traffic Control Plan and Safety					▼ 09-Jan-17, Traffic Control Pla...																																			
E-AJR-1680	Maintain of Traffic Control Plan and Safety measures for Ajja Reservoir	215	10-Apr-16 A	09-Jan-17	Maintain of Traffic Control Pl...																																			
Retaining Walls					▼ 01-Aug-16, Retaining Walls																																			
Retaining Wall from Station 01 to station 07 Length = 38.79 Im					▼ 03-Jul-16, Retaining Wall from...																																			
E-AJR-1770	Furnish & Install Fence	2	19-May-16	03-Jul-16	Furnish & Install Fence																																			

█ Actual Work
 █ Critical Remaining Work
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TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project

18-Jul-16 13:04



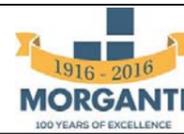
Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018											
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A					
Retaining Wall from Station 07 to station 05 Length = 30.81 Im					▼ 01-Aug-16, Retaining Wall from...																																			
E-AJR-1790	Form/Steel Rebars for Foundation	8	29-May-16	11-Jul-16	■ Form/Steel Rebars for Foundati...																																			
E-AJR-1800	Cast Concrete	1	07-Jun-16 A	02-Jul-16	■ Cast Concrete																																			
E-AJR-1810	Concrete Curing & Isolation	7	08-Jun-16 A	10-Jul-16	■ Concrete Curing & Isolation																																			
E-AJR-1820	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14	18-Jun-16 A	23-Jul-16	■ Form/Steel Rebars for the Reta...																																			
E-AJR-1830	Deshuttering & Curing For Walls	7	24-Jul-16	01-Aug-16	■ Deshuttering & Curing For Wall...																																			
E-AJR-1850	Cast Reinforced Concrete for the Retaining Wall	1	23-Jul-16	24-Jul-16	■ Cast Reinforced Concrete for t...																																			
Retaining Wall from Station 05 to station 03 Length = 50.07 Im					▼ 11-Jul-16, Retaining Wall from...																																			
E-AJR-1920	Deshuttering & Curing For Wall	7	27-Jun-16 A	11-Jul-16	■ Deshuttering & Curing For Wall																																			
E-AJR-1930	Furnish & Install Fence	2	25-Jun-16 A	03-Jul-16	■ Furnish & Install Fence																																			
Retaining Wall from Station 03 to station 01 Length = 37.49 Im					▼ 03-Jul-16, Retaining Wall from...																																			
E-AJR-2000	Furnish & Install Fence	2	11-May-16	03-Jul-16	■ Furnish & Install Fence																																			
Earth Work					▼ 12-Jul-16, Earth Work																																			
E-AJR-1550	Digging of Inlet Outlet chamber (S-RV01)	4	02-Jul-16	11-Jul-16	■ Digging of Inlet Outlet chambe...																																			
E-AJR-1690	Construction of Lean Concrete under Reservoir	5	02-Jul-16	12-Jul-16	■ Construction of Lean Concrete ...																																			
Civil Work					▼ 01-Aug-16, Civil Work																																			
E-AJR-1320	Reservoir base slab - Formwork	5	14-Jul-16	20-Jul-16	■ Reservoir base slab - Formwor...																																			
E-AJR-1450	Installation of perforated pipes	2	12-Jul-16	14-Jul-16	■ Installation of perforated pip...																																			
E-AJR-1560	Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and Other Pipes)	2	20-Jul-16	23-Jul-16	■ Reservoir Base Slab - Pipe In...																																			
E-AJR-1570	Reservoir base slab reinforcing steel & water stop installation	8	23-Jul-16	01-Aug-16	■ Reservoir base slab reinforci...																																			
Mechanical Work					▼ 09-Jul-16, Mechanical Work																																			
E-AJR-1400	Pipe Encasement - RC where needed	2	02-Jul-16	09-Jul-16	■ Pipe Encasement - RC where nee...																																			
Access Road to Ajja Reservoir (238 m of two-lane road with shoulder)					▼ 03-Aug-16, Access Road to Ajja...																																			
E-AAT-1210	Connection of Ajja Feeder Line to Reservoir	2	17-Jul-16	19-Jul-16	■ Connection of Ajja Feeder Line...																																			
E-AJP-1172	Exc., Bed., Install. and Backfill. 200mm Ajja Force and Feeder Line from St. 0+000 to St. 0+440 (Double)	6	17-Jul-16	24-Jul-16	■ Exc., Bed., Install. and Backf...																																			
E-AJP-1175	Connection of Ajja Force Line to Reservoir	2	24-Jul-16	26-Jul-16	■ Connection of Ajja Force Line ...																																			
E-AJR-1000	Excavation to the required level for Access Road to Ajja Reservoir	4	12-Jul-16	17-Jul-16	■ Excavation to the required lev...																																			
E-AJR-1010	Structural Excavation for Retaining Wall from Station 0+180 to Station 0+190	3	17-Jul-16	20-Jul-16	■ Structural Excavation for Reta...																																			
E-AJR-1030	Construction of Retaining Wall from Station 0+180 to Station 0+190	12	20-Jul-16	03-Aug-16	■ Construction of Retaining Wall...																																			
Main Transmission Pipe lines					▼ 01-Feb-17, Main Transmission P...																																			
Traffic Control Plan and Safety					▼ 01-Feb-17, Traffic Control Pla...																																			
SWJ-TCP-1370	Maintain of Traffic Control Plan and Safety measures for Zone 03	139	11-Jun-16 A	01-Feb-17	■ Maintain of Traffic Control PL...																																			
Sanur Junction to Maythaloun Well Main Transmission Pipeline (250mm x 3.7 km)					▼ 20-Aug-16, Sanur Junction to M...																																			
E-SMT-1010	Exc., Bed., Install. and Backfill. 250mm Sanur - Maythaloun Transmission Pipeline from St. 1+200 to St.2+400	15	26-Jun-16 A	04-Jul-16	■ Exc., Bed., Install. and Backf...																																			
E-SMT-1030	Exc., Bed., Install. and Backfill. 250mm Sanur - Maythaloun Transmission Pipeline from St.2+400 to St.3+699	16	04-Jul-16	26-Jul-16	■ Exc., Bed., Install. and Backf...																																			
E-SMT-1035	Replacement of the existing Sanur Connection Chamber (CHD-103)	20	02-Jul-16	30-Jul-16	■ Replacement of the existing Sa...																																			
E-SMT-1045	Connection to Sanure Existing Pipe	5	02-Jul-16	12-Jul-16	■ Connection to Sanure Existing ...																																			
E-SMT-1055	Construction of 100mm Washout Chamber at station 0+010 On 250mm pipe	15	02-Jul-16	24-Jul-16	■ Construction of 100mm Washout ...																																			
E-SMT-1065	Construction of 250mm Gate Valve Chamber at Station 0+500	15	02-Jul-16	24-Jul-16	■ Construction of 250mm Gate Val...																																			
E-SMT-1075	Construction of 100mm Air Release Valve Chamber at station 0+770 on 250mm pipe	15	02-Jul-16	24-Jul-16	■ Construction of 100mm Air Rele...																																			
E-SMT-1085	Construction of 250mm Gate Valve Chamber at Station 1+000	15	02-Jul-16	24-Jul-16	■ Construction of 250mm Gate Val...																																			
E-SMT-1095	Construction of 100mm Air Release Valve Chamber at station 1+190 on 250mm pipe	15	02-Jul-16	24-Jul-16	■ Construction of 100mm Air Rele...																																			
E-SMT-1105	Construction of 250mm Gate Valve Chamber at Station 1+500	15	04-Jul-16	25-Jul-16	■ Construction of 250mm Gate Val...																																			
E-SMT-1115	Construction of 100mm Air Release Valve Chamber at station 1+618 on 250mm pipe	15	04-Jul-16	25-Jul-16	■ Construction of 100mm Air Rele...																																			
E-SMT-1125	Construction of 250mm Gate Valve Chamber at Station 2+000	15	04-Jul-16	25-Jul-16	■ Construction of 250mm Gate Val...																																			
E-SMT-1135	Construction of 100mm Washout Chamber at station 2+100 on 250mm pipe	15	04-Jul-16	25-Jul-16	■ Construction of 100mm Washout ...																																			
E-SMT-1145	Construction of 100mm Air Release Valve Chamber at station 2+375 on 250mm pipe	15	04-Jul-16	25-Jul-16	■ Construction of 100mm Air Rele...																																			
E-SMT-1155	Construction of 100mm Washout Chamber at station 2+545 on 250mm pipe	15	26-Jul-16	13-Aug-16	■ Construction of 100mm Washout ...																																			

■ Actual Work
 ■ Critical Remaining Work
 ▼ Summary
■ Remaining Work
 ◆ Milestone

Graphical Report for:
Updated Critical Path Activities

TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project

18-Jul-16 13:02

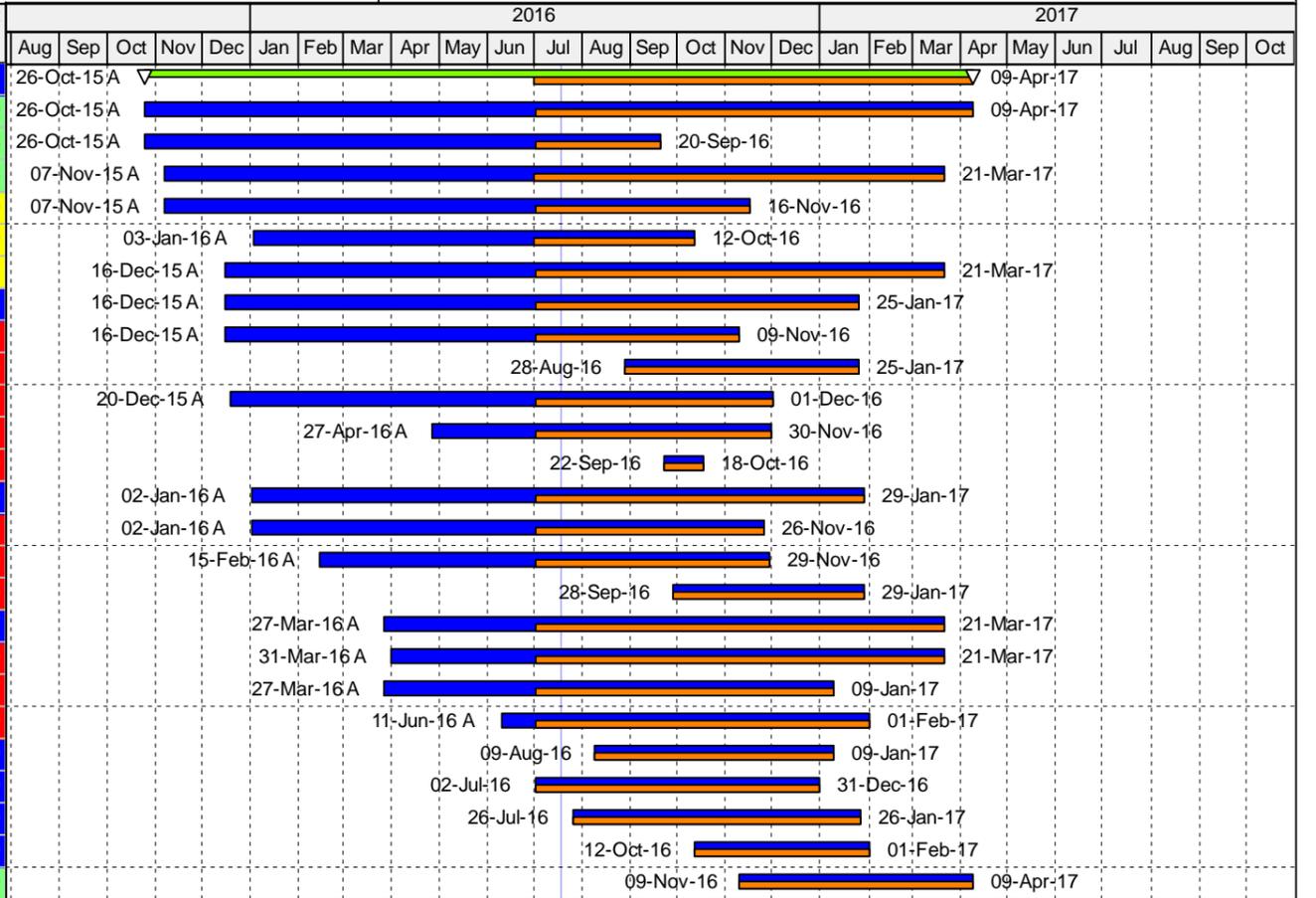


Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018											
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A					
TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project					▼ 09-Apr-17, TO 15-10 SWJ - Upda...																																			
Milestones					▼ 09-Apr-17, Milestones																																			
General Milestones					▼ 09-Apr-17, General Milestones																																			
A-1020	Project Completion Date	0		09-Apr-17*	◆ Project Completion Date																																			
Intermediate Milestones					▼ 21-Mar-17, Intermediate Milest...																																			
AI-1060	Finish of Construction	0		21-Mar-17	◆ Finish of Construction																																			
AI-KRR-1120	Finish of Kafr Rai Reservoir	0		21-Mar-17	◆ Finish of Kafr Rai Reservoir																																			
Construction Phase					▼ 21-Mar-17, Construction Phase																																			
Execution					▼ 21-Mar-17, Execution																																			
Zone 02 - (Arraba and Kuferit)					▼ 14-Jul-16, Zone 02 - (Arraba a...																																			
Kuferit Reservoir and Access Road					▼ 14-Jul-16, Kuferit Reservoir a...																																			
Kuferit Reservoir - New Construction 500 m3 - At Grade					▼ 14-Jul-16, Kuferit Reservoir -...																																			
Civil Work					▼ 14-Jul-16, Civil Work																																			
E-KFR-2200	Form/Steel Rebars for Roof Slab	6	02-Jul-16	13-Jul-16	■ Form/Steel Rebars for Roof Sla...																																			
E-KFR-2210	Casting Concrete for Roof Slab & Mechanical Finishing	1	13-Jul-16	14-Jul-16	Casting Concrete for Roof Slab...																																			
Zone 03 - (Kafr Rai and Ajja)					▼ 21-Mar-17, Zone 03 - (Kafr Rai...																																			
Kafr Rai Reservoir and Access Road					▼ 21-Mar-17, Kafr Rai Reservoir ...																																			
Kafr Rai Reservoir - New Construction 1,000 m3 At Grade					▼ 21-Mar-17, Kafr Rai Reservoir ...																																			
Earth Work					▼ 02-Aug-16, Earth Work																																			
E-KRR-1820	Excavation for the base slab of the Reservoir & Inlet Outlet Chamber	8	16-Jun-16 A	16-Jul-16	■ Excavation for the base slab o...																																			
E-KRR-1825	Soil verification report - Geotechnical report	3	16-Jul-16	19-Jul-16	Soil verification report - Geo...																																			
E-KRR-1830	Digging of Inlet Outlet chamber (S-RVV01)	4	16-Jul-16	20-Jul-16	Digging of Inlet Outlet chambe...																																			
E-KRR-1840	Excavation for piping system and Furnishing, leveling, and compacting of subgrade layer	4	20-Jul-16	25-Jul-16	Excavation for piping system a...																																			
E-KRR-1860	ResFurnish and install base course (150mm in depth) under base slab	2	25-Jul-16	27-Jul-16	ResFurnish and install base co...																																			
E-KRR-1870	Construction of Lean Concrete under foundation of Reservoir	5	27-Jul-16	02-Aug-16	■ Construction of Lean Concrete ...																																			
Civil Work					▼ 08-Jan-17, Civil Work																																			
E-KRR-1880	Installation of perforated pipes	3	02-Aug-16	06-Aug-16	■ Installation of perforated pip...																																			
E-KRR-1890	Reservoir base slab - Formwork	5	11-Aug-16	17-Aug-16	■ Reservoir base slab - Formwor...																																			
E-KRR-1900	Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and other pipes)	2	17-Aug-16	20-Aug-16	■ Reservoir Base Slab - Pipe In...																																			
E-KRR-1910	Reservoir base slab reinforcing steel & water stop installation	10	20-Aug-16	31-Aug-16	■ Reservoir base slab reinforci...																																			
E-KRR-1930	Reservoir base slab - Place concrete (Stage 1)	1	31-Aug-16	01-Sep-16	Reservoir base slab - Place c...																																			
E-KRR-1960	Reservoir base slab - Place concrete (Stage 2)	1	07-Sep-16	08-Sep-16	Reservoir base slab - Place c...																																			
E-KRR-1970	Reservoir base slab - Place concrete (Stage 3) - Footing of Columns	1	19-Sep-16	20-Sep-16	Reservoir base slab - Place c...																																			
E-KRR-2000	Reservoir Walls - External formwork	2	20-Sep-16	22-Sep-16	Reservoir Walls - External fo...																																			
E-KRR-2010	Reservoir Walls & Columns - Reinforcing steel & vertical water stop installation	12	24-Sep-16	08-Oct-16	■ Reservoir Walls & Columns - R...																																			
E-KRR-2030	Reservoir Walls & Columns - Internal formwork - (Stage 1)	8	08-Oct-16	17-Oct-16	■ Reservoir Walls & Columns - I...																																			
E-KRR-2040	Reservoir Walls & Columns - Place concrete (Stage 1)	1	17-Oct-16	18-Oct-16	Reservoir Walls & Columns - P...																																			
E-KRR-2050	Reservoir Walls - Internal formwork - (Stage 2-Walls 2,4,6 & 8)	8	17-Oct-16	26-Oct-16	■ Reservoir Walls - Internal fo...																																			
E-KRR-2060	Reservoir Walls - Place concrete (Stage 2)	1	30-Oct-16	31-Oct-16	Reservoir Walls - Place concr...																																			
E-KRR-2070	Reservoir Roof Slab - Formwork	12	08-Nov-16	23-Nov-16	■ Reservoir Roof Slab - Formwor...																																			
E-KRR-2090	Reservoir Roof Slab - Reinforcing steel & Constuction Joints Installation	8	23-Nov-16	03-Dec-16	■ Reservoir Roof Slab - Reinfo...																																			
E-KRR-2100	Reservoir Roof Slab - Place concrete (Stage 1-Part A & C)	1	03-Dec-16	04-Dec-16	Reservoir Roof Slab - Place c...																																			
E-KRR-2110	Reservoir Roof Slab - Place concrete (Stage 2-Part B & D)	1	10-Dec-16	11-Dec-16	Reservoir Roof Slab - Place c...																																			
E-KRR-2140	Construct Inlet & Outlet Chambers (Valve Vault)	13	11-Dec-16	29-Dec-16	■ Construct Inlet & Outlet Chamb...																																			
E-KRR-2170	Deshuttering Formwork for Roof Slab	5	31-Dec-16	08-Jan-17	■ Deshuttering Formwork for Roof...																																			
Mechanical Work					▼ 27-Jul-16, Mechanical Work																																			
E-KRR-1850	Pipe Encasement - RC where needed	2	25-Jul-16	27-Jul-16	Pipe Encasement - RC where nee...																																			
Electrical Work					▼ 28-Feb-17, Electrical Work																																			

■ Actual Work
 ■ Critical Remaining Work
 ▼ Summary
■ Remaining Work
 ◆ Milestone

Report for:
Updated Cost Loading and S – Curve

WBS Name	Start	Finish	Schedule % Complete	Cost % of Budget	Actual Total Cost
TO 15-10 SWJ - Updated Original Baseline Schedule - So	26-Oct-1	09-Apr-17	24.26%	19.82%	\$2,467,647.91
Milestones	26-Oct-1	09-Apr-17	0%	0%	\$0.00
Preconstruction Phase	26-Oct-1	20-Sep-16	100%	100%	\$474,264.13
Construction Phase	07-Nov-1	21-Mar-17	21.47%	16.81%	\$1,993,383.78
Construction Submittals	07-Nov-1	16-Nov-16	0%	0%	\$0.00
Procurement	03-Jan-1	12-Oct-16	0%	0%	\$0.00
Execution	16-Dec-1	21-Mar-17	21.47%	16.81%	\$1,993,383.78
Zone 01 - (Al Mutilla and Jalqamus)	16-Dec-1	25-Jan-17	19.16%	21.79%	\$751,358.15
Al Mutilla Elevated Reservoir – New Construction 500 m3	16-Dec-1	09-Nov-16	43.41%	28.86%	\$208,267.92
Al Mutilla Booster Station	28-Aug-16	25-Jan-17	0%	0%	\$0.00
Jalqamus Reservoir and Access Road	20-Dec-1	01-Dec-16	31.45%	32.37%	\$261,523.89
Transmission Pipe lines	27-Apr-1	30-Nov-16	6.53%	19.7%	\$281,566.35
Al Mutilla Distribution Network	22-Sep-16	18-Oct-16	0%	0%	\$0.00
Zone 02 - (Arraba and Kuferit)	02-Jan-1	29-Jan-17	35.37%	30.87%	\$667,618.36
Arraba Reservoir - Replacement of existing 1000 m3 with a new 2,000 m	02-Jan-1	26-Nov-16	37.24%	42.65%	\$396,384.85
Kuferit Reservoir and Access Road	15-Feb-1	29-Nov-16	51.09%	33.08%	\$271,233.50
Kuferit Main Transmission Pipeline - Yabad Junction to Kuferit Reservc	28-Sep-16	29-Jan-17	0%	0%	\$0.00
Zone 03 - (Kafr Rai and Ajja)	27-Mar-1	21-Mar-17	30.84%	18.32%	\$574,407.27
Kafr Rai Reservoir and Access Road	31-Mar-1	21-Mar-17	11.08%	1.68%	\$13,508.50
Ajja Reservoir and Access Road	27-Mar-1	09-Jan-17	1.84%	13.95%	\$158,136.77
Main Transmission Pipe lines	11-Jun-1	01-Feb-17	71.65%	33.68%	\$402,762.00
Zone 04 - Chamber Construction, Replacement, and Rehabilitation	09-Aug-16	09-Jan-17	53.18%	0%	\$0.00
Installation of Electro - Mechanical Component	02-Jul-16	31-Dec-16	2.53%	0%	\$0.00
Pavement repair and reinstatement	26-Jul-16	26-Jan-17	1.72%	0%	\$0.00
Testing, Training and Commissioning	12-Oct-16	01-Feb-17	0%	0%	\$0.00
Post Construction Phase	09-Nov-16	09-Apr-17	0%	0%	\$0.00



■ Actual Total Cost
■ Planned Value Cost
■ BL Project Total Cost

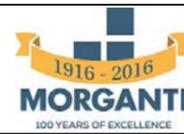
▾ All EPS Elements ▾ WBS Elements below Project ▾ Forecast Bar
▾ All Projects ▾ Summary



Annex D – One Month Look Ahead schedule

TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project

03-Jul-16 13:17



Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018											
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A					
TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project					▼ 09-Apr-17, TO 15-10 SWJ - Upda...																																			
Milestones					▼ 09-Apr-17, Milestones																																			
Preconstruction Phase					▼ 17-Aug-16, Preconstruction Pha...																																			
Construction Phase					▼ 21-Mar-17, Construction Phase																																			
Construction Submittals					▼ 31-Aug-16, Construction Submit...																																			
Shop drawing Submittals					▼ 31-Aug-16, Shop drawing Submitt...																																			
Reservoirs Shop drawing Submittals					▼ 24-Aug-16, Reservoirs Shop dra...																																			
AI Mutilla Elevated Reservoir - New Construction 500 m3					▼ 15-Aug-16, AI Mutilla Elevated...																																			
MTR-SD-220	Prep. & Submit Coordination Shop drawing for AI Mutilla Elevated Reservoir	5.00	02-Jul-16	12-Jul-16	■ Prep. & Submit Coordination Sh...																																			
MTR-SD-230	Review & Approval of Coordination Shop drawing for AI Mutilla Elevated Reservoir	21.00	12-Jul-16	15-Aug-16	■ Review & Approval of Coordinat...																																			
Arraba Reservoir - Replacement of existing 1000 m3 with a new 2,000 m3					▼ 18-Aug-16, Arraba Reservoir - ...																																			
ARR-SD-140	Prep. & Sub. Excavation Plan for Arraba Reservoir	5.00	26-Dec-15	04-Jul-16	■ Prep. & Sub. Excavation Plan f...																																			
ARR-SD-150	Review & Approval of Excavation Plan for Arraba Reservoir	21.00	28-Dec-15	21-Jul-16	■ Review & Approval of Excavatio...																																			
ARR-SD-180	Prep. & Sub. Mechanical Shop drawing for Arraba Reservoir	9.00	03-Jan-16 A	11-Jul-16	■ Prep. & Sub. Mechanical Shop d...																																			
ARR-SD-190	Review & Approval of Mechanical Shop drawing for Arraba Reservoir	21.00	06-Jan-16 A	21-Jul-16	■ Review & Approval of Mechanica...																																			
ARR-SD-220	Prep. & Submit Coordination Shop drawing for Arraba Reservoir	5.00	11-Jul-16	17-Jul-16	■ Prep. & Submit Coordination Sh...																																			
ARR-SD-230	Review & Approval of Coordination Shop drawing for Arraba Reservoir	21.00	17-Jul-16	18-Aug-16	■ Review & Approval of Coordinat...																																			
Jalqamus Reservoir - Replacement of existing 500 m3 with a new 1,000 m3					▼ 24-Aug-16, Jalqamus Reservoir ...																																			
JLR-SD-1080	Prep. & Sub. Mechanical Shop drawing for Jalqamus Reservoir	9.00	02-Jul-16	17-Jul-16	■ Prep. & Sub. Mechanical Shop d...																																			
JLR-SD-1090	Review & Approval of Mechanical Shop drawing for Jalqamus Reservoir	21.00	17-Jul-16	18-Aug-16	■ Review & Approval of Mechanica...																																			
JLR-SD-1120	Prep. & Submit Coordination Shop drawing for Jalqamus Reservoir	5.00	17-Jul-16	23-Jul-16	■ Prep. & Submit Coordination Sh...																																			
JLR-SD-1130	Review & Approval of Coordination Shop drawing for Jalqamus Reservoir	21.00	24-Jul-16	24-Aug-16	■ Review & Approval of Coordinat...																																			
Kuferit Reservoir - New Construction 500 m3					▼ 15-Aug-16, Kuferit Reservoir - ...																																			
KFR-SD-210	Review & Approval of Electrical shopdarwing for Kuferit Reservoir	21.00	02-Mar-16 A	27-Jul-16	■ Review & Approval of Electrica...																																			
KFR-SD-220	Prep. & Submit Coordination Shop drawing for Kuferit Reservoir	5.00	02-Jul-16	12-Jul-16	■ Prep. & Submit Coordination Sh...																																			
KFR-SD-230	Review & Approval of Coordination Shop drawing for Kuferit Reservoir	21.00	12-Jul-16	15-Aug-16	■ Review & Approval of Coordinat...																																			
KFR-SD-260	Prep. & Submit Piping Plan for Kuferit Reservoir	5.00	07-May-16	04-Jul-16	■ Prep. & Submit Piping Plan for...																																			
KFR-SD-270	Review & Approval of Piping Plan for Kuferit Reservoir	21.00	08-May-16	27-Jul-16	■ Review & Approval of Piping Pl...																																			
Ajja Reservoir - New Construction 1,000 m3					▼ 15-Aug-16, Ajja Reservoir - Ne...																																			
AJR-SD-1110	Prep. & Submit Coordination Shop drawing for Ajja Reservoir	5.00	02-Jul-16	12-Jul-16	■ Prep. & Submit Coordination Sh...																																			
AJR-SD-1115	Review & Approval of Coordination Shop drawing for Ajja Reservoir	21.00	12-Jul-16	15-Aug-16	■ Review & Approval of Coordinat...																																			
AJR-SD-1170	Prep. & Submit Piping Plan for Ajja Reservoir	5.00	02-Jul-16	12-Jul-16	■ Prep. & Submit Piping Plan for...																																			
AJR-SD-1175	Review & Approval of Piping Plan for Ajja Reservoir	21.00	12-Jul-16	15-Aug-16	■ Review & Approval of Piping Pl...																																			
Kafr Rai Reservoir - New Construction 1,000 m3					▼ 18-Aug-16, Kafr Rai Reservoir...																																			
KRR-SD-150	Review & Approval of Excavation Plan for Kafr Rai Reservoir	21.00	05-Apr-16 A	11-Jul-16	■ Review & Approval of Excavatio...																																			
KRR-SD-200	Prep. & Sub. Electrical shopdarwing for Kafr Rai Reservoir	9.00	23-Feb-16 A	11-Jul-16	■ Prep. & Sub. Electrical shopda...																																			
KRR-SD-210	Review & Approval of Electrical shopdarwing for Kafr Rai Reservoir	21.00	25-Feb-16 A	27-Jul-16	■ Review & Approval of Electrica...																																			
KRR-SD-220	Prep. & Submit Coordination Shop drawing for Kafr Rai Reservoir	5.00	11-Jul-16	17-Jul-16	■ Prep. & Submit Coordination Sh...																																			
KRR-SD-230	Review & Approval of Coordination Shop drawing for Kafr Rai Reservoir	21.00	17-Jul-16	18-Aug-16	■ Review & Approval of Coordinat...																																			
KRR-SD-260	Prep. & Submit Piping Plan for Kafr Rai Reservoir	5.00	02-Jul-16	12-Jul-16	■ Prep. & Submit Piping Plan for...																																			
KRR-SD-270	Review & Approval of Piping Plan for Kafr Rai Reservoir	21.00	12-Jul-16	15-Aug-16	■ Review & Approval of Piping Pl...																																			
AI Mutilla Booster Station Shop drawing Submittals					▼ 31-Aug-16, AI Mutilla Booster ...																																			
MTB-SD-160	Prep. & Sub. Structural Shop drawing for AI Mutilla Booster Station	5.00	02-Jul-16	12-Jul-16	■ Prep. & Sub. Structural Shop d...																																			
MTB-SD-170	Review & Approval of Structural Shop drawing for AI Mutilla Booster Station	21.00	12-Jul-16	15-Aug-16	■ Review & Approval of Structura...																																			
MTB-SD-180	Prep. & Sub. Mechanical Shop drawing for AI Mutilla Booster Station	9.00	12-Jul-16	23-Jul-16	■ Prep. & Sub. Mechanical Shop d...																																			
MTB-SD-190	Review & Approval of Mechanical Shop drawing for AI Mutilla Booster Station	21.00	24-Jul-16	24-Aug-16	■ Review & Approval of Mechanica...																																			
MTB-SD-200	Prep. & Sub. Electrical shopdarwing for AI Mutilla Booster Station	9.00	23-Jul-16	02-Aug-16	■ Prep. & Sub. Electrical shopda...																																			

■ Actual Work
 ■ Critical Remaining Work
 ▼ Summary
■ Remaining Work
 ◆ Milestone

TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project

03-Jul-16 13:17



Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018											
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A					
Civil Work					▼ 01-Aug-16, Civil Work																																			
E-AJR-1320	Reservoir base slab - Formwork	5.00	14-Jul-16	20-Jul-16	█ Reservoir base slab - Formwor...																																			
E-AJR-1450	Installation of perforated pipes	2.00	12-Jul-16	14-Jul-16	█ Installation of perforated pip...																																			
E-AJR-1560	Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and Other Pipes)	2.00	20-Jul-16	23-Jul-16	█ Reservoir Base Slab - Pipe In...																																			
E-AJR-1570	Reservoir base slab reinforcing steel & water stop installation	8.00	23-Jul-16	01-Aug-16	█ Reservoir base slab reinforci...																																			
Mechanical Work					▼ 09-Jul-16, Mechanical Work																																			
E-AJR-1400	Pipe Encasement - RC where needed	2.00	02-Jul-16	09-Jul-16	█ Pipe Encasement - RC where nee...																																			
Access Road to Ajja Reservoir (238 m of two-lane road with shoulder)					▼ 03-Aug-16, Access Road to Ajja...																																			
E-AAT-1210	Connection of Ajja Feeder Line to Reservoir	2.00	17-Jul-16	19-Jul-16	█ Connection of Ajja Feeder Line...																																			
E-AJP-1172	Exc., Bed., Install. and Backfill. 200mm Ajja Force and Feeder Line from St. 0+000 to St. 0+440 (Double)	6.00	17-Jul-16	24-Jul-16	█ Exc., Bed., Install. and Backf...																																			
E-AJP-1175	Connection of Ajja Force Line to Reservoir	2.00	24-Jul-16	26-Jul-16	█ Connection of Ajja Force Line ...																																			
E-AJR-1000	Excavation to the required level for Access Road to Ajja Reservoir	4.00	12-Jul-16	17-Jul-16	█ Excavation to the required lev...																																			
E-AJR-1010	Structural Excavation for Retaining Wall from Station 0+180 to Station 0+190	3.00	17-Jul-16	20-Jul-16	█ Structural Excavation for Reta...																																			
E-AJR-1030	Construction of Retaining Wall from Station 0+180 to Station 0+190	12.00	20-Jul-16	03-Aug-16	█ Construction of Retaining Wall...																																			
Main Transmission Pipe lines					▼ 01-Feb-17, Main Transmission P...																																			
Traffic Control Plan and Safety					▼ 01-Feb-17, Traffic Control Pla...																																			
SWJ-TCP-1370	Maintain of Traffic Control Plan and Safety measures for Zone 03	138.75	11-Jun-16 A	01-Feb-17	█ Maintain of Traffic Control PL...																																			
Sanur Junction to Maythaloun Well Main Transmission Pipeline (250mm x 3.7 km)					▼ 20-Aug-16, Sanur Junction to M...																																			
E-SMT-1010	Exc., Bed., Install. and Backfill. 250mm Sanur - Maythaloun Transmission Pipeline from St. 1+200 to St.2+400	15.00	26-Jun-16 A	04-Jul-16	█ Exc., Bed., Install. and Backf...																																			
E-SMT-1030	Exc., Bed., Install. and Backfill. 250mm Sanur - Maythaloun Transmission Pipeline from St.2+400 to St.3+699	16.00	04-Jul-16	26-Jul-16	█ Exc., Bed., Install. and Backf...																																			
E-SMT-1035	Replacement of the existing Sanur Connection Chamber (CHD-103)	20.00	02-Jul-16	30-Jul-16	█ Replacement of the existing Sa...																																			
E-SMT-1045	Connection to Sanure Existing Pipe	5.00	02-Jul-16	12-Jul-16	█ Connection to Sanure Existing ...																																			
E-SMT-1055	Construction of 100mm Washout Chamber at station 0+010 On 250mm pipe	15.00	02-Jul-16	24-Jul-16	█ Construction of 100mm Washout ...																																			
E-SMT-1065	Construction of 250mm Gate Valve Chamber at Station 0+500	15.00	02-Jul-16	24-Jul-16	█ Construction of 250mm Gate Val...																																			
E-SMT-1075	Construction of 100mm Air Release Valve Chamber at station 0+770 on 250mm pipe	15.00	02-Jul-16	24-Jul-16	█ Construction of 100mm Air Rele...																																			
E-SMT-1085	Construction of 250mm Gate Valve Chamber at Station 1+000	15.00	02-Jul-16	24-Jul-16	█ Construction of 250mm Gate Val...																																			
E-SMT-1095	Construction of 100mm Air Release Valve Chamber at station 1+190 on 250mm pipe	15.00	02-Jul-16	24-Jul-16	█ Construction of 100mm Air Rele...																																			
E-SMT-1105	Construction of 250mm Gate Valve Chamber at Station 1+500	15.00	04-Jul-16	25-Jul-16	█ Construction of 250mm Gate Val...																																			
E-SMT-1115	Construction of 100mm Air Release Valve Chamber at station 1+618 on 250mm pipe	15.00	04-Jul-16	25-Jul-16	█ Construction of 100mm Air Rele...																																			
E-SMT-1125	Construction of 250mm Gate Valve Chamber at Station 2+000	15.00	04-Jul-16	25-Jul-16	█ Construction of 250mm Gate Val...																																			
E-SMT-1135	Construction of 100mm Washout Chamber at station 2+100 on 250mm pipe	15.00	04-Jul-16	25-Jul-16	█ Construction of 100mm Washout ...																																			
E-SMT-1145	Construction of 100mm Air Release Valve Chamber at station 2+375 on 250mm pipe	15.00	04-Jul-16	25-Jul-16	█ Construction of 100mm Air Rele...																																			
E-SMT-1155	Construction of 100mm Washout Chamber at station 2+545 on 250mm pipe	15.00	26-Jul-16	13-Aug-16	█ Construction of 100mm Washout ...																																			
E-SMT-1165	Construction of 100mm Air Release Valve Chamber at station 2+850 on 250mm pipe	15.00	26-Jul-16	13-Aug-16	█ Construction of 100mm Air Rele...																																			
E-SMT-1175	Construction of 250mm Gate Valve Chamber at Station 3+000	15.00	26-Jul-16	13-Aug-16	█ Construction of 250mm Gate Val...																																			
E-SMT-1185	Construction of 100mm Washout Chamber at station 3+298 on 250mm pipe	15.00	26-Jul-16	13-Aug-16	█ Construction of 100mm Washout ...																																			
E-SMT-1195	Construction of 250mm Gate Valve Chamber at Station 3+480	15.00	26-Jul-16	13-Aug-16	█ Construction of 250mm Gate Val...																																			
E-SMT-1205	Construction of 100mm Air Release Valve Chamber at station 3+514 on 250mm pipe	15.00	26-Jul-16	13-Aug-16	█ Construction of 100mm Air Rele...																																			
E-SMT-1215	Construction of Flow Monitoring Chamber at Station 3+620 (M-VCFM)	20.00	27-Jul-16	20-Aug-16	█ Construction of Flow Monitorin...																																			
E-SMT-1235	Connection to Tubas Pipeline (TEE 150 X 150 X 150)	2.00	26-Jul-16	28-Jul-16	█ Connection to Tubas Pipeline (...)																																			
E-SMT-1242	Installation of TEE 250 X 150 X 250	2.00	26-Jul-16	28-Jul-16	█ Installation of TEE 250 X 150 ...																																			
E-SMT-1245	Exc., Bed., Install. and Backfill. 150mm Pipe from Connection Outlet pipe (Booster Station) to TEE (0+000 to 0+085)	2.00	28-Jul-16	31-Jul-16	█ Exc., Bed., Install. and Backf...																																			
E-SMT-1265	Installation of TEE 250 X 250 X 250	2.00	28-Jul-16	31-Jul-16	█ Installation of TEE 250 X 250 ...																																			
E-SMT-1272	Connection to Outlet Pipeline from Booster Station	2.00	02-Jul-16	09-Jul-16	█ Connection to Outlet Pipeline ...																																			
E-SMT-1275	Construction of Meithalun Well Outlet Connection Chamber 250mm (CCH-106)	20.00	02-Jul-16	30-Jul-16	█ Construction of Meithalun Well...																																			
Installation of Electro - Mechanical Component					▼ 30-Jul-16, Installation of Ele...																																			
Zone 03					▼ 30-Jul-16, Zone 03																																			
Electro - Mechanical work - Zone 03					▼ 30-Jul-16, Electro - Mechanica...																																			

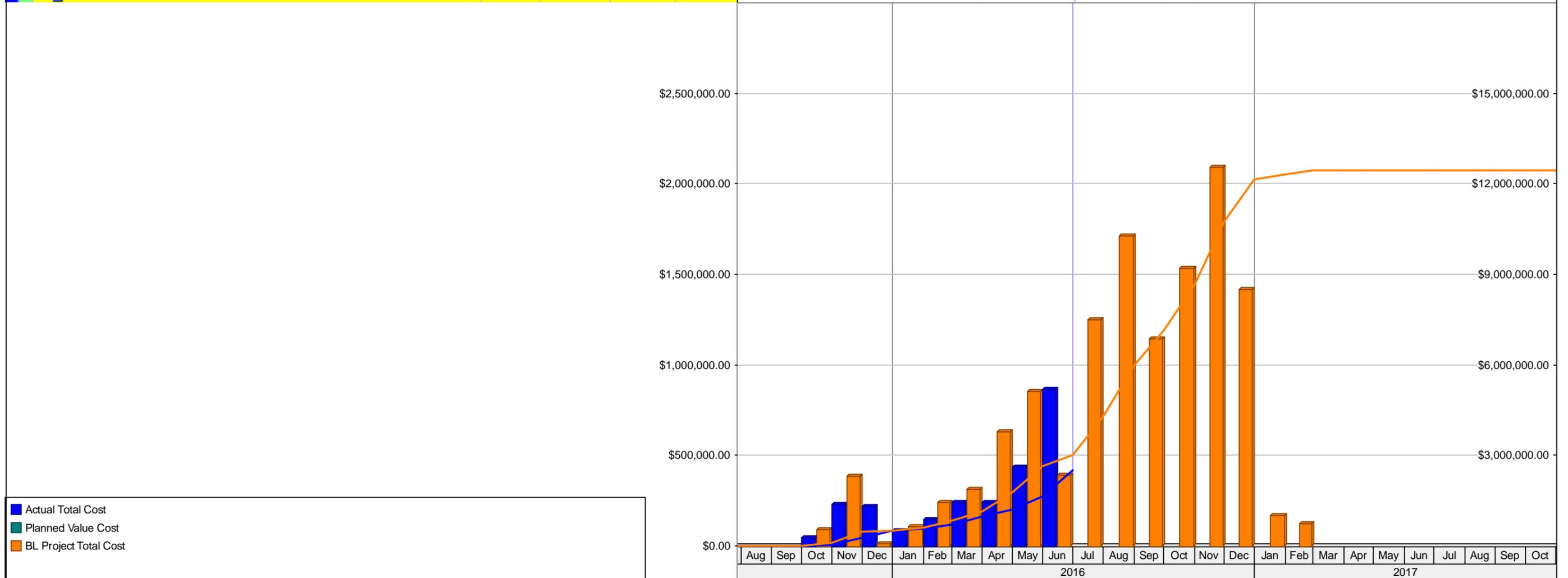
█ Actual Work
 █ Critical Remaining Work
 ▼ Summary
█ Remaining Work
 ◆ Milestone



USAID | WEST BANK/GAZA

Annex E - Progress S - Curve

WBS Name	Start	Finish	Schedule % Complete	Cost % of Budget	2016												2017																	
					Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct			
TO 15-10 SWJ - Updated Original Baseline Schedule - So	26-Oct-1	09-Apr-17	24.26%	20.05%	[Gantt bars for summary row]																													
Milestones	26-Oct-1	09-Apr-17	0%	0%	[Gantt bars for milestones]																													
General Milestones	26-Oct-1	09-Apr-17	0%	0%	[Gantt bars for general milestones]																													
Intermediate Milestones	26-Oct-1	21-Mar-17	0%	0%	[Gantt bars for intermediate milestones]																													
Preconstruction Phase	26-Oct-1	20-Sep-16	100%	100%	[Gantt bars for preconstruction phase]																													
Mobilization	26-Oct-1	21-Apr-16 A	100%	100%	[Gantt bars for mobilization]																													
Preconstruction Submittals	26-Oct-1	21-Apr-16 A	0%	0%	[Gantt bars for preconstruction submittals]																													
Traffic Control Plan Submittals	15-Dec-1	20-Sep-16	0%	0%	[Gantt bars for traffic control plan submittals]																													
Construction Phase	07-Nov-1	21-Mar-17	21.47%	17.06%	[Gantt bars for construction phase]																													
Construction Submittals	07-Nov-1	16-Nov-16	0%	0%	[Gantt bars for construction submittals]																													
Procurement	03-Jan-1	12-Oct-16	0%	0%	[Gantt bars for procurement]																													
Execution	16-Dec-1	21-Mar-17	21.47%	17.06%	[Gantt bars for execution]																													
Zone 01 - (Al Mutilla and Jalqamus)	16-Dec-1	25-Jan-17	19.16%	21.79%	[Gantt bars for Zone 01]																													
Zone 02 - (Arraba and Kuferit)	02-Jan-1	29-Jan-17	35.37%	30.87%	[Gantt bars for Zone 02]																													
Zone 03 - (Kafr Rai and Ajja)	27-Mar-1	21-Mar-17	30.84%	19.24%	[Gantt bars for Zone 03]																													
Zone 04 - Chamber Construction, Replacement, and Rehabilitation	09-Aug-16	09-Jan-17	53.18%	0%	[Gantt bars for Zone 04]																													
Installation of Electro - Mechanical Component	02-Jul-16	31-Dec-16	2.53%	0%	[Gantt bars for electro-mechanical component]																													
Pavement repair and reinstatement	26-Jul-16	26-Jan-17	1.72%	0%	[Gantt bars for pavement repair]																													
Testing, Training and Commissioning	12-Oct-16	01-Feb-17	0%	0%	[Gantt bars for testing, training and commissioning]																													
Post Construction Phase	09-Nov-16	09-Apr-17	0%	0%	[Gantt bars for post construction phase]																													
Post construction Submittals	09-Nov-16	28-Mar-17	0%	0%	[Gantt bars for post construction submittals]																													
Demobilization	21-Mar-17	09-Apr-17	0%	0%	[Gantt bars for demobilization]																													



■ Actual Total Cost
■ Planned Value Cost
■ BL Project Total Cost

▾ All EPS Elements ▾ WBS Elements below Project ▾ Forecast Bar
▾ All Projects ▾ Summary

UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT - WEST BANK / GAZA



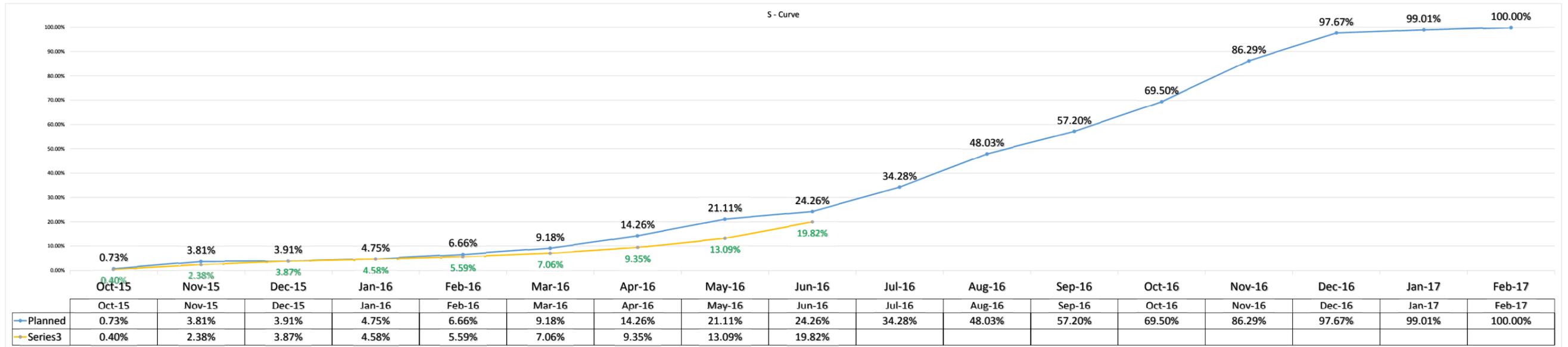
CONTRACT NO. AID-294-I-12-00002

TASK ORDER NO. AID-294-TO-15-00010

Southwest Jenin Water Project

S-Curve

Date	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17
Planned Value	\$ 91,204.64	\$ 383,059.49	\$ 13,053.88	\$ 104,197.07	\$ 237,290.85	\$ 314,111.95	\$ 632,604.06	\$ 852,710.13	\$ 391,902.22	\$ 1,247,517.85	\$ 1,712,294.37	\$ 1,141,299.53	\$ 1,531,332.70	\$ 2,090,565.86	\$ 1,416,350.96	\$ 166,151.77	\$ 123,786.04
Planned Value (Accumulative)	\$ 91,204.64	\$ 474,264.13	\$ 487,318.01	\$ 591,515.08	\$ 828,805.93	\$ 1,142,917.88	\$ 1,775,521.94	\$ 2,628,232.07	\$ 3,020,134.29	\$ 4,267,652.14	\$ 5,979,946.51	\$ 7,121,246.04	\$ 8,652,578.74	\$ 10,743,144.60	\$ 12,159,495.56	\$ 12,325,647.33	\$ 12,449,433.37
Planned %	0.73%	3.08%	0.10%	0.84%	1.91%	2.52%	5.08%	6.85%	3.15%	10.02%	13.75%	9.17%	12.30%	16.79%	11.38%	1.33%	0.99%
Planned % (Accumulative)	0.73%	3.81%	3.91%	4.75%	6.66%	9.18%	14.26%	21.11%	24.26%	34.28%	48.03%	57.20%	69.50%	86.29%	97.67%	99.01%	100.00%
Actual Value	\$ 49,402.51	\$ 247,012.57	\$ 185,499.86	\$ 87,932.02	\$ 126,393.48	\$ 182,622.99	\$ 284,990.43	\$ 465,632.47	\$ 838,161.58								
Actual Value (Accumulative)	\$ 49,402.51	\$ 296,415.08	\$ 481,914.94	\$ 569,846.96	\$ 696,240.44	\$ 878,863.43	\$ 1,163,853.86	\$ 1,629,486.33	\$ 2,467,647.91								
Actual % Complete	0.40%	1.98%	1.49%	0.71%	1.02%	1.47%	2.29%	3.74%	6.73%								
Actual % Complete (Accumulative)	0.40%	2.38%	3.87%	4.58%	5.59%	7.06%	9.35%	13.09%	19.82%								





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Annex F - Site Memos Log



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Site Memos to the Engineer

No.	SM No.	Description	Submitted Date
1	SM-15-00010-SWJ-C-E-0001	JLR-Reservoir Foundation Excavation and Unaccepted Material Dumping.	January 14, 2016
2	SM-15-00010-SWJ-C-E-0002	Access Road for Jalqamus Reservoir-Changing in width and Centerline	January 21, 2016
3	SM-15-00010-SWJ-C-E-0003	Response for Safety Violations (SM-15-00010-SWJ-E-C-004)	March 13, 2016
4	SM-15-00010-MTR-C-E-004	Response for SM-15-00010-MTR-E-C-006	April 14, 2016
5	SM-15-00010-ARR -C-E-005	Response for SM-15-00010-MTR-E-C-008) Arraba Reservoir Base Slab Casting	April 25, 2016
6	SM-15-00010-SWJ-C-E-006	Response for Unsafe Condition in ARR and JLR (SM-15-00010-SWJ-E-C-13)	May 10, 2016
7	SM-15-00010-TJT-C-E-007	Response of SM-15-00010-TJT-16 Unsatisfactory Work Practice AT Telfit Jalqamus Pipeline	May 18, 2016

Site Memos To Contractor

No.	SM No.	Description	Submitted Date
1.	SM-15-00010-SWJ-E-C-0001	JLR-Reservoir Foundation Excavation and Unaccepted Material Dumping.	January 13, 2016
2.	SM-15-00010-SWJ-E-C-0002	Lean Concrete under Al Mutilla Reservoir Foundation	January 21, 2016
3.	SM-15-00010-JLR-E-C-0003	Response to SM-15-00010-SWJ-C-E-002	February 9, 2016
4.	SM-15-00010-SWJ-E-C-0004	Safety Violations	March 8, 2016
5.	SM-15-00010-SWJ-E-C-005	Response to SM-15-00010-SWJ-C-E-003	March 16, 2016
6.	SM-15-00010-MTR-E-C-006	Concrete finish and formwork at Al-Mutilla Reservoir	March 16, 2016
7.	SM-15-00010-SWJ-E-C-007	Third-Party Test Report -Satisfactory Test Result	April 3, 2016
8.	SM-15-00010-ARR-E-C-008	Arraba Reservoir Base Slab Concrete Casting	April 7, 2016
9.	SM-15-00010-MTR-E-C-009	Response to SM-15-00010-MTR-C-E-004	April 18, 2016
10.	SM-15-00010-SMT-E-C-010	Changes to Maythaloun Well Inlet Connection Chamber	April 24, 2016
11.	SM-15-00010-MTR-E-C-11	for concrete Finish and Cracks at Al Mutilla Reservoir	April 27, 2016
12.	SM-15-00010-SWJ-E-C-12	Third Party Test Report-Satisfactory Test Result	April 27, 2016
13.	SM-15-00010-SWJ-E-C-13	Unsafe Conditions in ARR and JLR	April 27, 2016
14.	SM-15-00010-ARR-E-C-14	Response to SM-15-00010-ARR-C-E-005	May 3, 2016
15.	SM-15-00010-MTR-E-C-15	Third-Party Test Report -Satisfactory Test Result At Al -Mutilla Reservoir	May 3, 2016



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16.	SM-15-00010-TJT-E-C-16	Unsatisfactory Work Practice at Telfit Jalqamus Pipeline	May 8, 2016
17.	SM-15-00010-SWJ-E-C-17	Mechanical Changes for Al Mutilla Reservoir and Sanour-Maythaloun Main Transmission Pipeline	May 5, 2016
18.	SM-15-00010-KRR-E-C-18	New Site Layout and Foundation Level for Kafer Ra'I Reservoir-Site Conditions	May 11, 2016
19.	SM-15-00010-SWJ-E-C-019	Third-Party Test Report -Satisfactory Test Result	May 15, 2016
20.	SM-15-00010-SWJ-E-C-020	Response to Contractor SM-15-00010-SWJ-C-E-006	May 16, 2016
21.	SM-15-00010-MTR-E-C-021	Third-Party Test Report -Satisfactory Test Result	May 17, 2016
22.	SM-15-00010-AJR-E-C-022	New Center For Ajja Reservoir and New Valve Vault Location	May 18, 2016
23.	SM-15-00010-TJT-E-C-023	Unsafe Work Environment at Telfit-Jalqamous Force Line	May 19, 2016
24.	SM-15-00010-SWJ-E-C-024	Storage Yard	May 19, 2016
25.	SM-15-00010-KFR-E-C-025	Valve Vault Modification for Kuferit Reservoir-Site Conditions	May 24, 2016
26.	SM-15-00010-SMT-E-C-026	Jaba-Sanur Connection	May 26, 2016
27.	SM-15-00010-TJT-E-C-027	Response to SM-15-00010-TJT-C-E-007	May 30, 2016



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Annex G - Inspection Request Log



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Inspection Requests Log:

S. No.	Description	Submitting Date	Date Inspection Required	Actual Return Date	Status
IR-15-00010-SWJ-001-A	Installation of Temporary Project Signs	December 13, 2015	December 14, 2015	December 15, 2015	A
IR-15-00010-SWJ-002-A	Handover of CMC Field Offices	December 13, 2015	December 15, 2015	December 15, 2015	C
IR-15-00010-SWJ-002-B	Handover of CMC Field Offices	December 27, 2015	December 27, 2015	December 27, 2015	A
IR-15-00010-JLR-003-A	Verify the elevations for Jaqamus Reservoir.	December 15, 2015	December 16, 2015	December 16, 2015	C
IR-15-00010-JLR-003-B	Verify the elevations for Jaqamus Reservoir..Refer to attached	December 22, 2015	December 23, 2015	December 23, 2015	A
IR-15-00010-MTR-004-A	Verify the elevations for Al Mutilla Reservoir.	December 15, 2015	December 16, 2015	December 16, 2015	A
IR-15-00010-MTR-005-A	Demolishing the exciting room and site perpetration ,removal of surplus existing material for Al Mutilla Reservoir.	December 21, 2015	December 21, 2015	December 22, 2015	C
IR-15-00010-MTR-005-B	Demolition ,removal, clear and grub site of existing room for Al Mutilla Reservoir.	March 7, 2016	March 7, 2016	March 7, 2016	A
IR-15-00010-ARR-006-A	Relocation of olives tree from Arraba reservoir area. Refer to attached drawings.	December 27, 2015	December 28, 2015	December 28, 2015	A
IR-15-00010-SWJ-007-A	Installation and fabrication of storage yard and workshop	December 23, 2015	December 23, 2015	December 23, 2015	A
IR-15-00010-ARR-008-A	Verify the elevations for Arraba Reservoir. Refer to attached	January 3, 2016	January 4, 2016	January 5, 2016	A
IR-15-00010-ARR-009-A	Geotechnical verification under reservoir footing for Al Mutilla Reservoir.	January 4, 2016	January 4, 2016	January 5, 2016	A
IR-15-00010-JLR-010-A	Demolition ,removal, clear and grub site of existing reservoir and Implementing safety traffic plan for Jalqamus Reservoir.	January 4, 2016	January 5, 2016	January 6, 2016	A
IR-15-00010-MTR-011-A	Excavation level at Al Mutilla Reservoir	January 7, 2016	January 7, 2016	January 7, 2016	C
IR-15-00010-ARR-012-A	Implementing safety traffic plan for Arraba Reservoir.	January 9, 2016	January 9, 2016	January 10, 2016	A
IR-15-00010-ARR-013-A	Demolition ,removal, clear and grub site of existing Arraba Reservoir.	January 10, 2016	January 10, 2016	January 11, 2016	A
IR-15-00010-ARR-014-A	Relocation of existing pipelines for Arraba Reservoir prior to start demolition of existing reservoir as coordination with local authorities and attached drawing.	January 11, 2016	January 12, 2016	January 11, 2016	D
IR-15-00010-KFR-015-A	Verify the elevations for Kuferit Reservoir (Grid). Refer to attached	January 11, 2016	January 11, 2016	January 11, 2016	C
IR-15-00010-	Verify the elevations for Kuferit	January 13, 2016	January 13,	January 13,	A



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KFR-015-B	Reservoir (Grid). Refer to attached		2016	2016	
IR-15-00010-KFR-016-A	Bench April k For Kuferit Reservoir.Refer to attached	January 13, 2016	January 13, 2016	January 13, 2016	A
IR-15-00010-JLR-017-A	Excavation around Jalqamus Reservoir to required level .Refer to attached	January 13, 2016	January 13, 2016	January 14, 2016	A
IR-15-00010-TJT-018-A	Walkthrough for Telfit - Jalqamus Transmission pipeline.	January 14, 2016	January 17, 2016	January 18, 2016	A
IR-15-00010-MTR-019-A	Lean concrete for test pit location in water reservoir foundation.	January 17, 2016	January 17, 2016	January 18, 2016	A
IR-15-00010-MTB-020-A	Verify the elevations for Al Mutilla Booster station (Grid)	January 20, 2016	January 21, 2016	January 21, 2016	A
IR-15-00010-MTR-021-A	Installation of vapor barrier and casting lean concrete under reservoir footing at Al Mutilla Reservoir.	January 26, 2016	January 26, 2016	January 27, 2016	A
IR-15-00010-KRR-022-A	Verify the elevations for Kafer Ra'i Reservoir (Grid)	January 31, 2016	January 31, 2016	February 1, 2016	A
IR-15-00010-AJR-023-A	Verify the elevations for Ajja Reservoir (Grid)	January 31, 2016	January 31, 2016	February 1, 2016	A
IR-15-00010-SWJ -024-A	Correction of monthly environmental check list of December, 2015	February 3, 2016	February 9, 2016	February 10, 2016	A
IR-15-00010-MTR -025-A	Formwork, steel reinforcement, casting concrete (type A1) for reservoir foundation at al Mutilla reservoir.	February 8, 2016	February 9, 2016	February 10, 2016	A
IR-15-00010-MTR -026-A	Sleeve 6 "for drain at Al Mutilla reservoir foundation.	February 8, 2016	February 9, 2016	February 10, 2016	A
IR-15-00010-MTR -027-A	Electrical work for foundation before casting concrete for foundation at Al Mutilla reservoir.	February 8, 2016	February 9, 2016	February 10, 2016	A
IR-15-00010-JIR -028-A	Reduced level for foundation excavation at Jalqamus reservoir.	February 9, 2016	February 9, 2016	February 10, 2016	A
IR-15-00010-JLR -029-A	Formwork work for lean concrete under wall Jalqamus reservoir.	February 10, 2016	February 11, 2016	February 14, 2016	A
IR-15-00010-JLR -030-A	Casting lean concrete and reservoir wall footing in Jalqamus.	February 11, 2016	February 13, 2016	February 14, 2016	A
IR-15-00010-MTR -031-A	Casting lean concrete for Al Mutilla retaining wall	February 11, 2016	February 13, 2016	February 14, 2016	C
IR-15-00010-MTR -031-B	Casting lean concrete for Al Mutilla retaining wall	February 14, 2016	February 14, 2016	February 15, 2016	A
IR-15-00010-ARR -032-A	Inspection of reduced level and compacted subgrade at level =409.00	February 15, 2016	February 15, 2016	February 15, 2016	C
IR-15-00010-ARR -032-B	Inspection of reduced level and compacted subgrade at level =409.01	February 21, 2016	February 21, 2016	February 22, 2016	A
IR-15-00010-MTR -033-A	Inspection of apply first bitumen coat layer for Al Mutilla Reservoir footing.	February 16, 2016	February 16, 2016	February 16, 2016	A
IR-15-00010-SWJ -034-A	Inspection of fabrication of washout pipes for Arraba and Jalqamus reservoirs size 6" pipes at storage yard in Jenin city	February 16, 2016	February 16, 2016	February 17, 2016	A
IR-15-00010-JLT -035-A	Walkthrough for Jalqamus Transmission pipeline. (Jalqamus-Umtut Transmission pipeline)	February 17, 2016	February 18, 2016	February 18, 2016	A
IR-15-00010-JLR -036-A	Inspection of casting lean concrete at Jalqamus Retaining Wall from 3 to 4	February 17, 2016	February 17, 2016	February 18, 2016	A
IR-15-00010-	Inspection of apply Second bitumen	February 17, 2016	February 17, 2016	February 18, 2016	A



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MTR -037-A	coat layer for Al Mutilla Reservoir footing.				
IR-15-00010-MTR -038-A	Formwork & steel reinforcement for retaining wall foundation at al Mutilla reservoir from point 01 to point 03	February 18, 2016	February 18, 2016	February 18, 2016	A
IR-15-00010-MTR -039-A	Casting concrete for retaining wall foundation at al Mutilla reservoir from Point 01 to Point 03	February 18, 2016	February 20, 2016	February 21, 2016	A
IR-15-00010-MTR -040-A	Inspection of electrical works first fix in Al Muttilla Reservoir.	February 21, 2016	February 21, 2016	February 22, 2016	A
IR-15-00010-ARR -041-A	Inspection of casting lean concrete under wall footing at Arraba Reservoir	February 21, 2016	February 21, 2016	February 22, 2016	A
IR-15-00010-JLR -042-A	Installation 6" wash out steel pipe line including concrete encasement at Jalqamus reservoir	February 21, 2016	February 21, 2016	February 22, 2016	A
IR-15-00010-MTR -043-A	Inspection for underdrain piping for Al Mutilla valve chamber at Al Mutilla Reservoir.	February 21, 2016	February 21, 2016	February 22, 2016	C
IR-15-00010-MTR -043-B	Inspecting for subgrade piping include drain piping and electrical conduit at Al -Mutilla reservoir.	March 13, 2016	March 13, 2016	March 14, 2016	A
IR-15-00010-SWJ -044-A	Inspecting for welding joint for preparing the welding procedure qualification record at storage yard	February 21, 2016	February 22, 2016	February 22, 2016	C
IR-15-00010-KFR -045-A	Implementing safety traffic plan, excavation, removal ,clear & grub site for Kufेरit Reservoir.	February 21, 2016	February 21, 2016	February 22, 2016	C
IR-15-00010-KFR -045-B	Implementing safety traffic plan, excavation, removal ,clear & grub site for Kufेरit Reservoir.	February 24, 2016	February 24, 2016	February 25, 2016	A
IR-15-00010-ARR -046-A	Installation 6" wash out steel pipe line including concrete encasement at Arraba reservoir	February 23, 2016	February 23, 2016	February 23, 2016	A
IR-15-00010-JLR -047-A	Inspection for steel and form work of foundation for RCW 2.2 at Jalqamus between section 3 & 4 as shown in attached.	February 24, 2016	February 24, 2016	February 25, 2016	A
IR-15-00010-JLR -048-A	Inspection for lean concrete of retaining wall at Jalqamus Reservoir	February 24, 2016	February 24, 2016	February 25, 2016	A
IR-15-00010-MTR -049-A	Inspection for slab on grade reinforcement steel for casting concrete at Al Mutilla Reservoir	February 25, 2016	February 27, 2016	February 28, 2016	A
IR-15-00010-ARR -050-A	Inspection for concrete encasement around of wash out pipes at Arraba Reservoir	February 25, 2016	February 25, 2016	February 28, 2016	A
IR-15-00010-MTR -051-A	Inspection for first level columns (formwork and reinforcement steel for casting concrete at Al Mutilla Reservoir.	February 25, 2016	February 27, 2016	February 28, 2016	A
IR-15-00010-JLR -052-A	Inspection for reinforcement steel of retaining wall between section 3 & 4 for concrete casting in Jalqamus Reservoir.	February 25, 2016	February 27, 2016	February 28, 2016	A
IR-15-00010-ARR -053-A	Inspection of 1st backfill layer in Arraba Reservoir	February 27, 2016	February 27, 2016	February 28, 2016	A



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IR-15-00010-JLR -054-A	Inspection of 1 st backfill layer in Jalqamus Reservoir	February 27, 2016	February 27, 2016	February 28, 2016	A
IR-15-00010-JLR -055-A	Inspection for reinforcement steel of retaining wall foundation between section 4 & 5 for concrete casting in Jalqamus Reservoir.	February 28, 2016	February 28, 2016	February 29, 2016	A
IR-15-00010-ARR-056-A	Inspection of boundary wall section 8-10-End excavation for applying lean concrete at Arraba Reservoir.	February 25, 2016	February 28, 2016	February 29, 2016	A
IR-15-00010-ARR-057-A	Inspection of 1 st layer of Bitumen coating for the lean concrete and concrete encasement of the W.O.	February 28, 2016	February 28, 2016	February 29, 2016	C
IR-15-00010-ARR-058-A	Inspection of boundary wall section 10 to existing wall - excavation for applying lean concrete at Arraba Reservoir	February 28, 2016	February 28, 2016	March 1, 2016	A
IR-15-00010-JMT-059-A	Walkthrough for Jalqamus -Al-Mughayyir force line.	February 29, 2016	March 1, 2016	March 2, 2016	A
IR-15-00010-JLR-060-A	Inspection of reinforcement steel for stem of RW 2.2 between sections 3 & 4 at Jalqamus Reservoir.	March 1, 2016	March 1, 2016	March 1, 2016	A
IR-15-00010-JLR-061-A	Inspection of lean concrete between sections 1 & 3 for RW 2.2 at Jalqamus Reservoir.	March 2, 2016	March 2, 2016	March 2, 2016	A
IR-15-00010-JLR-062-A	Inspection of lean concrete between sections 4 & 5 for BW at Jalqamus Reservoir.	March 2, 2016	March 2, 2016	March 2, 2016	A
IR-15-00010-SWJ -063-A	Correction of monthly environmental check list of Jan, 2016	March 2, 2016	March 2, 2016	March 3, 2016	A
IR-15-00010-ARR -064-A	Inspection of casting lean concrete for boundary wall section 8-10 & section 10 - existing wall at Arraba Reservoir	March 2, 2016	March 2, 2016	March 2, 2016	A
IR-15-00010-JLR -065-A	Inspection of finish backfill level in Jalqamus Reservoir	March 3, 2016	March 3, 2016	March 3, 2016	A
IR-15-00010-MTR -066-A	Inspection for first level stairs formwork and reinforcement steel for casting concrete at Al Mutilla Reservoir.	March 3, 2016	March 5, 2016	March 6, 2016	A
IR-15-00010-MTR -067-A	Inspection for casting concrete first level stairs, at Al Mutilla Reservoir	March 3, 2016	March 5, 2016	March 6, 2016	A
IR-15-00010-ARR -068-A	Inspection of field density test for 3rd layer under slab on grade in Arraba Reservoir	March 3, 2016	March 5, 2016	March 6, 2016	A
IR-15-00010-MTR -069-A	Inspection of casting concrete for retaining wall from section 4-5 at Jalqamus Reservoir.	March 3, 2016	March 5, 2016	March 6, 2016	A
IR-15-00010-ARR -070-A	Inspection of casting concrete foundation for boundary wall section 8-10 & section 10 - existing wall at Arraba Reservoir	March 5, 2016	March 6, 2016	March 7, 2016	A
IR-15-00010-YKT-071-A	Walkthrough for Kuferit Force Line.	March 5, 2016	March 6, 2016	March 7, 2016	A
IR-15-00010-	Walkthrough for Aja Force Line.	March 5, 2016	March 6, 2016	March 7, 2016	A



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AJR-072-A						
IR-15-00010-AJR-073-A	Walkthrough for Ajja Feeder Line.	March 5, 2016	March 6, 2016	March 7, 2016	A	
IR-15-00010-MTN-074-A	Walkthrough for Al-Mutilla -Al-Mughayyir force line	March 5, 2016	March 8, 2016	March 9, 2016	A	
IR-15-00010-CHR-075-A	Joint walkthrough on chamber location from 1 to 11 .	March 6, 2016	March 8, 2016	March 9, 2016	A	
IR-15-00010-JLR-076-A	Inspection for formwork & steel work of retaining wall foundation between section 1 & 3 at Jalqamus Reservoir.	March 7, 2016	March 8, 2016	March 9, 2016	A	
IR-15-00010-JLR-077-A	Inspection for casting concrete for retaining wall foundation between section 1 & 3 at Jalqamus Reservoir.	March 7, 2016	March 8, 2016	March 9, 2016	A	
IR-15-00010-ARR-078-A	Inspection of backfill 4th layer at Arraba Reservoir.	March 8, 2016	March 8, 2016	March 9, 2016	A	
IR-15-00010-ARR-079-A	Inspection of base course layer under slab on grade at Arraba Reservoir.	March 8, 2016	March 8, 2016	March 8, 2016	C	
IR-15-00010-ARR-079-B	Inspection of base course layer under slab on grade at Arraba Reservoir.	March 15, 2016	March 16, 2016	March 16, 2016	C	
IR-15-00010-ARR-079-C	Inspection of base course layer under slab on grade at Arraba Reservoir.	March 17, 2016	March 19, 2016	March 19, 2016	A	
IR-15-00010-MTR-080-A	Inspection of steel work for beam at level 1 at Al-Mutilla Reservoir.	March 8, 2016	March 8, 2016	March 9, 2016	A	
IR-15-00010-JLR-081-A	Inspection of base course Layer at Jalqamus Reservoir.	March 9, 2016	March 9, 2016	March 10, 2016	A	
IR-15-00010-MTR-082-A	Inspection of formwork and steels for beams at Level 1 at Al-Mutilla Reservoir.	March 9, 2016	March 9, 2016	March 10, 2016	A	
IR-15-00010-SMT-083-A	Material Handling inspection for pipe wall sleeve with puddle flange for Sanour Meithalon Transmission Line chambers with Sizes at Beit Qad storage yard(MRR001): 14" = 6 pic 10" = 2 pic 6" = 14 pic	March 10, 2016	March 10, 2016	March 10, 2016	A	
IR-15-00010-JLR-084-A	Inspection of steel work of stem retaining wall between sections 3 & 4 at Jalqamus Reservoir.	March 10, 2016	March 12, 2016	March 13, 2016	A	
IR-15-00010-JLR-085-A	Inspection of steel work of stem retaining wall between sections 4 & 5 at Jalqamus Reservoir.	March 10, 2016	March 12, 2016	March 13, 2016	A	
IR-15-00010-KFR-086-A	Inspection of reduced level of boundary & retaining wall between sections 2 & 7 at Kuferit Reservoir.	March 13, 2016	March 13, 2016	March 14, 2016	A	
IR-15-00010-JLR-087-A	Inspection of form work for retaining wall stem between sections 3 & 4 at Jalqamus Reservoir.	March 13, 2016	March 13, 2016	March 14, 2016	A	
IR-15-00010-JLR-088-A	Inspection of form work for retaining wall stem between sections 4 & 5 at Jalqamus Reservoir.	March 13, 2016	March 13, 2016	March 14, 2016	A	
IR-15-00010-JLR-089-A	Inspection of casting concrete for retaining wall stem between sections 3 & 4 at Jalqamus Reservoir.	March 13, 2016	March 13, 2016	March 14, 2016	A	
IR-15-00010-	Inspection of casting concrete for	March 13, 2016	March 13,	March 14,	A	



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JLR-090-A	retaining wall stem between sections 4 & 5 at Jalqamus Reservoir.		2016	2016	
IR-15-00010-JLR-091-A	Inspection of steel and formwork for retaining wall foundation between sections 4 & 5 at Jalqamus Reservoir	March 13, 2016	March 13, 2016	March 14, 2016	C
IR-15-00010-JLR-091-B	Inspection of steel and formwork for boundary wall foundation between sections 4 & 5 at Jalqamus Reservoir	March 14, 2016	March 4, 2016	March 15, 2016	A
IR-15-00010-JLR-092-A	Inspection of casting lean concrete under retaining wall foundation between sections 2 & 3 at Jalqamus Reservoir.	March 13, 2016	March 13, 2016	March 14, 2016	A
IR-15-00010-ARR-093-A	Inspection of casting concrete for boundary wall stem between sections 9-10-End and footing between sections 8-9 at Arraba Reservoir.	March 13, 2016	March 13, 2016	March 14, 2016	A
IR-15-00010-ARR-094-A	Inspection of perforated pipes under slab on grade at Arraba Reservoir.	March 14, 2016	March 14, 2016	March 15, 2016	A
IR-15-00010-ARR-095-A	Inspection of casting lean concrete under slab on grade at Arraba Reservoir.	March 14, 2016	March 16, 2016	March 16, 2016	C
IR-15-00010-ARR-095-B	Inspection of casting lean concrete under slab on grade at Arraba Reservoir.	March 17, 2016	March 19, 2016	March 20, 2016	A
IR-15-00010-KFR-096-A	Inspection of casting lean concrete under boundary & retaining wall between sections 2 to 7 and from 7 to 1 at Kuferit Reservoir.	March 14, 2016	March 15, 2016	March 16, 2016	C
IR-15-00010-KFR-096-B	Inspection of casting lean concrete under boundary & retaining wall between sections 2 to 7 and from 7 to 1 at Kuferit Reservoir.	March 17, 2016	March 19, 2016	March 20, 2016	A
IR-15-00010-JLR-097-A	Inspection of perforated pipes under slab on grade at Jalqamus Reservoir.	March 16, 2016	March 16, 2016	March 17, 2016	A
IR-15-00010-JLR-098-A	Inspection of steel and formwork for boundary wall foundation between sections 2 & 3 at Jalqamus Reservoir.	March 17, 2016	March 19, 2016	March 19, 2016	A
IR-15-00010-ARR-099-A	Inspection of steel and formwork for boundary wall stem between sections 9 & 10 to section 8 at Arraba Reservoir.	March 17, 2016	March 19, 2016	March 20, 2016	A
IR-15-00010-ARR-100-A	Inspection of casting concrete for boundary wall stem between sections 9 & 10 to section 8 at Arraba Reservoir.	March 17, 2016	March 19, 2016	March 20, 2016	A
IR-15-00010-JLR-101-A	Inspection of casting concrete for boundary wall foundation between sections 2 & 3 at Jalqamus Reservoir.	March 17, 2016	March 19, 2016	Retracted	
IR-15-00010-JLR-101-A	Inspection of casting concrete for boundary wall foundation between sections 2 & 3 at Jalqamus Reservoir.	March 22, 2016	March 22, 2016	March 23, 2016	A
IR-15-00010-SWJ-102-A	Inspection of steel reinforcement prior to cast concrete for (1.5 X 1.5)m precast manhole at Addasi factory (Ramalla).	March 19, 2016	March 20, 2016	March 21, 2016	A
IR-15-00010-	Inspection of 1st Layer of water	March 19, 2016	March 19,	March 20,	C



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ARR-103-A	proofing for boundary wall footing between existing wall and section 10 at Arraba Reservoir.		2016	2016	
IR-15-00010-ARR-103-B	Inspection of 1st Layer and 2nd Layer of Bituminous coat for boundary wall footing between sections 8-10 to 10- Existing point inside and outside at Arraba Reservoir.	March 30, 2016	March 30, 2016	March 31, 2016	A
IR-15-00010-ARR-104-A	Inspection of installation vapor prior at Arraba Reservoir.	March 19, 2016	March 19, 2016	March 20, 2016	A
IR-15-00010-MTR -105-A	Inspection of steel work of stem retaining wall between sections 1& 3 at Al Mutilla Reservoir.	March 21, 2016	March 21, 2016	February 22, 2016	A
IR-15-00010-KFR -106-A	Inspection of form work and steel reinforcement for retaining wall between section 2 & 3 for casting concrete at Kuferit Reservoir.	March 21, 2016	March 21, 2016	March 22, 2016	A
IR-15-00010-MTR -107-A	Inspection of repair for concrete surface finish for stairs and replaced fair face board at Al-Mutilla Reservoir	March 21, 2016	March 22, 2016	March 23, 2016	C
IR-15-00010-JLR-108-A	Inspection of steel and formwork for boundary wall stem between sections 4 & 5 at Jalqamus Reservoir.	March 22, 2016	March 22, 2016	March 23, 2016	A
IR-15-00010-JLR-109-A	Inspection of casting concrete for boundary wall stem between sections 4 & 5 at Jalqamus Reservoir.	March 22, 2016	March 22, 2016	March 23, 2016	A
IR-15-00010-MTR-110-A	Inspection of steel and formwork for retaining wall stem between sections 1 & 3 at Al-Mutilla Reservoir.	March 22, 2016	March 22, 2016	March 23, 2016	C
IR-15-00010-MTR-110-B	Inspection of steel and formwork for retaining wall stem between sections 1 & 3 at Al-Mutilla Reservoir.	March 23, 2016	March 24, 2016	March 24, 2016	A
IR-15-00010-MTR-111-A	Inspection of casting concrete for retaining wall stem between sections 1 & 3 at Al-Mutilla Reservoir.	March 22, 2016	March 22, 2016	March 23, 2016	C
IR-15-00010-MTR-111-B	Inspection of casting concrete for retaining wall stem between sections 1 & 3 at Al-Mutilla Reservoir.	March 23, 2016	March 24, 2016	March 24, 2016	A
IR-15-00010-MTR-112-A	Inspection for steel work for columns above level 1 at Al Mutilla Reservoir.	March 22, 2016	March 22, 2016	March 23, 2016	A
IR-15-00010-KFR-113-A	Inspection of fabrication of washout pipes for Kuferit reservoirs size 6" pipes at storage yard in Jenin city	March 22, 2016	March 22, 2016	March 23, 2016	A
IR-15-00010-SWJ -114-A	Inspection for welder qualification test (7 welders ,welders ID will be submitted with certification) at Jalqamus Reservoir workshop.	March 22, 2016	March 23, 2016	March 24, 2016	C
IR-15-00010-JLR -115-A	Inspection for Furnish and install vapor barrier below slab on grade at Jalqamus reservoir	March 23, 2016	March 23, 2016	March 24, 2016	A
IR-15-00010-JLR -116-A	Inspection for form work and casting lean below slab on grade at Jalqamus reservoir	March 23, 2016	March 23, 2016	March 24, 2016	A
IR-15-00010-MTR -117-A	Inspection for Form work for columns above level 1 at Al Mutilla Reservoir.	March 24, 2016	March 26, 2016	March 27, 2016	C



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IR-15-00010-MTR -117-B	Inspection for Form work for columns above level 1 at Al Mutilla Reservoir.	March 29, 2016	March 29, 2016	March 30, 2016	A
IR-15-00010-MTR -118-A	Inspection for casting concrete for columns above level 1 at Al Mutilla Reservoir.	March 24, 2016	March 26, 2016	March 26, 2016	C
IR-15-00010-MTR -118-B	Inspection for casting concrete for columns above level 1 at Al Mutilla Reservoir.	March 29, 2016	March 29, 2016	March 30, 2016	A
IR-15-00010-KFR-119-A	Inspection of reduced level of reservoir foundation at Kuferit Reservoir.	March 24, 2016	April 6, 2016	March 27, 2016	C
IR-15-00010-SWJ-120-A	Inspection of Delivered material • PVC Water Stop Super cast Watafoil 250 – 12lm/roll as attached. • Expandable Water Stop Supercast SW30 – 5lm/roll as attached. At Jalqamus storage yard.	March 27, 2016	March 27, 2016	March 28, 2016	C
IR-15-00010-SWJ-120-B	Inspection of Delivered material • PVC Water Stop Super cast Watafoil 250 – 12lm/roll as attached. • Expandable Water Stop Supercast SW30 – 5lm/roll as attached. At Jalqamus storage yard.	March 30, 2016	March 30, 2016	March 30, 2016	A
IR-15-00010-SWJ-121-A	Inspection of Delivered material 2”, 3” and 4” steel pipes as attached. At Jalqamus storage yard.	March 27, 2016	March 27, 2016	March 28, 2016	C
IR-15-00010-SWJ-121-B	Inspection of Delivered material 2”, 3” and 4” steel pipes and fittings as attached. At Jalqamus storage yard.	March 28, 2016	March 28, 2016	March 28, 2016	A
IR-15-00010-SWJ-122-A	Inspection of Electrical conduits-Steel Pipes as attached. At Jalqamus storage yard.	March 27, 2016	March 27, 2016	March 28, 2016	C
IR-15-00010-SWJ-122-B	Inspection of Electrical conduits-Steel Pipes as attached. At Jalqamus storage yard.	March 28, 2016	March 28, 2016	March 28, 2016	A
IR-15-00010-KFR-123-A	Inspection of steel reinforcement for retaining wall and boundary wall foundation from sections 3 to between sections 7 & 1 at Kuferit Reservoir.	March 27, 2016	March 29, 2016	March 30, 2016	A
IR-15-00010-KFR-124-A	Inspection of formwork for retaining wall and boundary wall foundation from sections 3 to between sections 7 & 1 at Kuferit Reservoir	March 27, 2016	March 29, 2016	March 30, 2016	A
IR-15-00010-KFR-125-A	Inspection of casting concrete for retaining wall and boundary wall foundation from sections 3 to between sections 7 & 1 at Kuferit	March 27, 2016	March 29, 2016	March 30, 2016	A



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	Reservoir.				
IR-15-00010-ARR-126-A	Inspection of surface preparation of boundary wall prior to apply 1 st Bituminous coat at between sections 8-10 to 10-Existing point inside and outside at Arraba Reservoir.	March 27, 2016	March 27, 2016	March 28, 2016	A
IR-15-00010-JLR-127-A	Inspection of steel reinforcement and formwork for retaining wall stem between sections 1 & 2 at Jalqamus Reservoir.	March 27, 2016	March 27, 2016	March 28, 2016	A
IR-15-00010-JLR-128-A	Inspection of casting concrete for retaining wall stem between sections 1 & 2 at Jalqamus Reservoir.	March 27, 2016	March 27, 2016	March 28, 2016	A
IR-15-00010-ARR-129-A	Inspection of installation of earthing system for foundation at Arraba Reservoir.	March 28, 2016	March 29, 2016	March 30, 2016	A
IR-15-00010-MTR -130-A	Inspection of formwork and reinforcement steel for stairs from 1st level to 2nd land at Al Mutilla Reservoir.	March 29, 2016	March 29, 2016	March 30, 2016	A
IR-15-00010-MTR -131-A	Inspection of casting concrete for stairs from 1st level to 2nd land at Al Mutilla Reservoir.	March 29, 2016	March 29, 2016	March 30, 2016	A
IR-15-00010-ARR -132-A	Inspection of 1st layer of Bituminous coat prior to apply 2nd layer for boundary wall between sections 8-10 to 10-Existing point inside and outside at Arraba Reservoir.	March 30, 2016	March 30, 2016	March 31, 2016	A
IR-15-00010-ARR -133-A	Inspection of 2nd layer of Bituminous coat prior to start backfill for boundary wall between sections 8-10 to 10-Existing point inside and outside at Arraba Reservoir.	March 30, 2016	March 30, 2016	March 31, 2016	A
IR-15-00010-JLR-134-A	Inspection of form work for foundation and slab on grade at Jalqamus Reservoir.	March 30, 2016	March 30, 2016	March 31, 2016	C
IR-15-00010-ARR-135-A	Inspection of form work , steel reinforcement ,slab on grade, foundation and bases of columns for Arraba Reservoir.	March 31, 2016	April 3, 2016	April 4, 2016	A
IR-15-00010-MTR-011-B	Excavation level at Al Mutilla Reservoir	April 18, 2016	April 18, 2016	April 18, 2016	A
IR-15-00010-SWJ -044-B	Inspecting for welding joint for preparing the welding procedure qualification record at storage yard, refer to accepted submittal no. SUB-15-00010-SWJ-069-B .	April 12, 2016	April 12, 2016	April 12, 2016	A
IR-15-00010-SWJ -114-B	Inspection for welder qualification test (7 welders ,welders ID will be submitted with certification) at Jalqamus Reservoir workshop.	April 25, 2016	April 26, 2016	April 27, 2016	A
IR-15-00010-KFR-119-B	Inspection of reduced level of reservoir foundation at Kuferit Reservoir.	April 6, 2016	April 6, 2016	April 7, 2016	A
IR-15-00010-	Inspection of form work for	April 5, 2016	April 5, 2016	April 6, 2016	A



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JLR-134-B	foundation and slab on grade at Jalqamus Reservoir.				
IR-15-00010-JLR-136-A	Inspection of installation of earthing system for foundation at Jalqamus Reservoir.	April 3, 2016	April 3, 2016	April 3, 2016	A
IR-15-00010-SWJ-137-A	Inspection of delivered Geotextile material as attached MRR.. At Jalqamus storage yard.	April 3, 2016	April 4, 2016	April 5, 2016	A
IR-15-00010-SWJ-138-A	Inspection of delivered precast manhole material as attached MRR. At Jalqamus storage yard.	April 3, 2016	April 4, 2016	April 5, 2016	A
IR-15-00010-SWJ-139-A	Inspection of delivered link seal material as attached MRR. At Jalqamus storage yard.	April 3, 2016	April 4, 2016	April 5, 2016	A
IR-15-00010-SWJ-140-A	Inspection of supplied stainless steel pipes and flanges as attached MRR at FIB (Hebron).	April 3, 2016	April 6, 2016	April 5, 2016	A
IR-15-00010-SWJ-141-A	Inspection of casting concrete for slab on grade, foundation and bases of columns for Arraba Reservoir.	April 3, 2016	April 4, 2016	April 5, 2016	A
IR-15-00010-KFR-142-A	Inspection of steel and formwork for retaining wall stem between sections 2 & 3 at Kuferit Reservoir.	April 4, 2016	April 4, 2016	April 5, 2016	C
IR-15-00010-KFR-142-B	Inspection of steel and formwork for retaining wall stem between sections 2 & 3 at Kuferit Reservoir.	April 6, 2016	April 6, 2016	April 7, 2016	A
IR-15-00010-KFR-143-A	Inspection of casting concrete for retaining wall stem between sections 2 & 3 at Kuferit Reservoir.	April 5, 2016	April 5, 2016	April 5, 2016	C
IR-15-00010-KFR-143-B	Inspection of casting concrete for retaining wall stem between sections 2 & 3 at Kuferit Reservoir.	April 6, 2016	April 6, 2016	April 7, 2016	A
IR-15-00010-JLR-144-A	Inspection of for steel reinforcement for slab on grade and foundation ,and form work and steel reinforcement for bases of columns for Jalqamus Reservoir..	April 5, 2016	April 5, 2016	April 7, 2016	A
IR-15-00010-JLR-145-A	Inspection of casting concrete for slab on grade, foundation and bases of columns for Jalqamus Reservoir.	April 5, 2016	April 6, 2016	April 5, 2016	C
IR-15-00010-JLR-145-B	Inspection of casting concrete for slab on grade, foundation and bases of columns for Jalqamus Reservoir.	April 6, 2016	April 6, 2016	April 7, 2016	A
IR-15-00010-KFR -146-A	Installation 6" wash out steel pipe line including concrete encasement at Kuferit reservoir	April 5, 2016	April 5, 2016	April 6, 2016	C
IR-15-00010-KFR -146-B	Installation 6" wash out steel pipe line including concrete encasement at Kuferit reservoir	April 10, 2016	April 10, 2016	April 11, 2016	A
IR-15-00010-JLR-147-A	Inspection of formwork and steel reinforcement for stem of Retaining	April 5, 2016	April 5, 2016	April 6, 2016	A



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	wall between sections 2 & 3 at Jalqamus Reservoir..				
IR-15-00010-JLR-148-A	Inspection of casting concrete for stem of Retaining wall between sections 2 & 3 at Jalqamus Reservoir..	April 5, 2016	April 5, 2016	April 6, 2016	A
IR-15-00010-SWJ-149-A	Correction of monthly environmental check list of Feb, 2016	April 6, 2016	April 6, 2016	April 7, 2016	C
IR-15-00010-SWJ-149-B	Correction of monthly environmental check list of Feb, 2017	April 10, 2016	April 10, 2016	April 12, 2016	A
IR-15-00010-MTR -150-A	Inspection of formwork and steel reinforcement for beams of 2nd level at Al Mutilla Reservoir.	April 6, 2016	April 7, 2016	April 7, 2016	A
IR-15-00010-MTR -151-A	Inspection of casting concrete for beams of 2nd level at Al Mutilla Reservoir.	April 7, 2016	April 9, 2016	April 10, 2016	A
IR-15-00010-KFR-152-A	Inspection of surface preparation for foundations of boundary wall and retaining wall prior to apply 1 st Bituminous coat from 2 to 7 and from 7 to 1 at Kuferit Reservoir.	April 7, 2016	April 7, 2016	April 7, 2016	C
IR-15-00010-KFR-152-B	Inspection of surface preparation for foundations of boundary wall and retaining wall prior to apply 1st Bituminous coat from 2 to 7 and from 7 to 1 at Kuferit Reservoir.	April 10, 2016	April 10, 2016	April 11, 2016	A
IR-15-00010-KFR-153-A	Inspection of 1st layer of Bituminous coat prior to apply 2nd layer of foundations for boundary wall and retaining wall at Kuferit Reservoir.	April 7, 2016	April 7, 2016	April 7, 2016	C
IR-15-00010-KFR-153-B	Inspection of 1st layer of Bituminous coat prior to apply 2nd layer of foundations for boundary wall and retaining wall at Kuferit Reservoir.	April 17, 2016	April 17, 2016	April 18, 2016	A
IR-15-00010-ARR-154-A	Inspection of surface preparation for outside reservoir foundation prior to apply 1st Bituminous coat at Arraba Reservoir.	April 10, 2016	April 10, 2016	April 10, 2016	C
IR-15-00010-ARR-155-A	Inspection for start excavation for foundation of boundary wall from point 5 to point 8 at Arraba Reservoir.	April 10, 2016	April 10, 2016	April 10, 2016	C
IR-15-00010-ARR-155-B	Inspection for start excavation for foundation of boundary wall from point 5 to point 8 at Arraba Reservoir.	April 12, 2016	April 12, 2016	April 13, 2016	A
IR-15-00010-JLR-156-A	Inspection of formwork for stem of boundary wall between sections 2 & 3 at Jalqamus Reservoir..	April 10, 2016	April 10, 2016	April 10, 2016	A
IR-15-00010-JLR-157-A	Inspection of casting concrete for stem of boundary wall between sections 2 & 3 at Jalqamus Reservoir..	April 10, 2016	April 11, 2016	April 11, 2016	A
IR-15-00010-SWJ-158-A	Inspection of full face gasket as attached MRR. At Qabatia office storage.	April 11, 2016	April 11, 2016	April 11, 2016	A
IR-15-00010-SWJ-159-A	Inspection of canusa heat shrinkable sheet as attached MRR.	April 11, 2016	April 11, 2016	April 11, 2016	A



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	At Qabatia office storage.				
IR-15-00010-AJR-160-A	Implementing safety traffic plan for Ajja Reservoir.	April 11, 2016	April 11, 2016	April 12, 2016	A
IR-15-00010-KFR-161-A	Inspection of steel reinforcement for retaining wall stem between sections 6 & 7 at Kuferit Reservoir as attached.	April 12, 2016	April 12, 2016	April 13, 2016	A
IR-15-00010-SWJ-162-A	Inspection of PVC water stop & expandable water stop as attached MRR. At Qabatia office storage.	April 12, 2016	April 12, 2016	April 12, 2016	A
IR-15-00010-KFR-163-A	Inspection of formwork for retaining wall stem between sections 6 & 7 at Kuferit Reservoir as attached.	April 13, 2016	April 13, 2016	April 14, 2016	A
IR-15-00010-KFR-164-A	Inspection of casting concrete for retaining wall stem between sections 6 & 7 at Kuferit Reservoir as attached.	April 14, 2016	April 16, 2016	April 17, 2016	A
IR-15-00010-JLR-165-A	Inspection of steel reinforcement for columns at Jalqamus Reservoir as attached.	April 14, 2016	April 14, 2016	April 14, 2016	C
IR-15-00010-JLR-165-B	Inspection of steel reinforcement for columns at Jalqamus Reservoir as attached.	April 17, 2016	April 17, 2016	April 18, 2016	A
IR-15-00010-MTR-166-A	Inspection of steel reinforcement for columns at 3rd level at Al Mutilla Reservoir.	April 14, 2016	April 14, 2016	April 14, 2016	A
IR-15-00010-MTR-167-A	Inspection of formwork for columns at 3rd level at Al Mutilla Reservoir.	April 17, 2016	April 18, 2016	April 19, 2016	A
IR-15-00010-ARR-168-A	Inspection of reduced level for excavation of boundary wall from point 5 to point 8 at Arraba Reservoir.	April 17, 2016	April 17, 2016	April 18, 2016	C
IR-15-00010-ARR-168-B	Inspection of reduced level for excavation of boundary wall from point 5 to point 8 at Arraba Reservoir.	April 18, 2016	April 18, 2016	April 19, 2016	A
IR-15-00010-ARR-169-A	Inspection of casting lean concrete for boundary wall from point 5 to point 8 at Arraba Reservoir.	April 17, 2016	April 18, 2016	April 18, 2016	C
IR-15-00010-ARR-169-B	Inspection of casting lean concrete for boundary wall from point 5 to point 8 at Arraba Reservoir.	April 18, 2016	April 18, 2016	April 19, 2016	A
IR-15-00010-KFR-170-A	Inspection of surface preparation of 6" wash out concrete encasement prior to apply 1st layer of Bituminous coat at Kuferit Reservoir.	April 17, 2016	April 18, 2016	April 19, 2016	A
IR-15-00010-KFR-171-A	Inspection of 1st layer & 2nd Layer of Bituminous coat for 6" wash out concrete encasement prior to backfill works at Kuferit Reservoir.	April 17, 2016	April 18, 2016	April 19, 2016	A
IR-15-00010-SWJ-172-A	Offsite Inspection for bare steel pipes DN150 prior to apply Coating and Lining. Certificates refer to attached certificate at FIP (Hebron) & MRR #12.	April 19, 2016	April 20, 2016	April 21, 2016	A
IR-15-00010-KFR-173-A	Inspection of steel reinforcement for retaining wall stem from Point 7 to	April 20, 2016	April 20, 2016	April 21, 2016	A



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	point 1 at Kuferit Reservoir.				
IR-15-00010-SWJ-174-A	Inspection of steel pipe sch 40 as attached MRR. At Jalqamus storage yard.	April 20, 2016	April 21, 2016	April 21, 2016	C
IR-15-00010-ARR-175-A	Inspection of formwork and steel reinforcement for boundary wall foundation from point 5 to point 8 at Arraba Reservoir.	April 21, 2016	April 21, 2016	April 24, 2016	A
IR-15-00010-ARR-176-A	Inspection of casting concrete for boundary wall foundation from point 5 to point 8 at Arraba Reservoir.	April 21, 2016	April 23, 2016	April 24, 2016	A
IR-15-00010-TJT-177-A	Inspection of implementing safety traffic plan for Telfit-Jalqamus Transmission Pipeline.	April 24, 2016	April 24, 2016	April 25, 2016	A
IR-15-00010-TJT-178-A	Inspection of april king the alignment of 6" pipeline for Telfit-Jalqamus Transmission Pipeline.	April 25, 2016	April 26, 2016	April 26, 2016	A
IR-15-00010-TJT-179-A	Inspection of april king the alignment and location of chambers for Telfit-Jalqamus Transmission Pipeline.	April 25, 2016	April 26, 2016	April 26, 2016	A
IR-15-00010-KFR-180-A	Inspection of formwork for retaining wall stem between sections 7 & 1 at Kuferit Reservoir as attached.	April 24, 2016	April 24, 2016	April 25, 2016	A
IR-15-00010-SWJ-181-A	Inspection of delivered FOSROC Material as attached MRR-013 At Jalqamus Storage Yard & Qabatia Office Store.	April 24, 2016	April 24, 2016	April 25, 2016	C
IR-15-00010-SWJ-181-B	Inspection of delivered FOSROC Material as attached MRR-013 At Jalqamus Storage Yard & Qabatia Office Store.	April 26, 2016	April 26, 2016	April 27, 2016	A
IR-15-00010-JLR-182-A	Inspection of internal formwork for reservoir wall at Jalqamus Reservoir.	April 24, 2016	April 24, 2016	April 25, 2016	C
IR-15-00010-JLR-182-B	Inspection of internal formwork for reservoir wall at Jalqamus Reservoir.	April 26, 2016	April 26, 2016	April 27, 2016	C
IR-15-00010-KFR-183-A	Inspection of 2nd layer of Bituminous coat prior to start backfill of foundations for boundary wall and retaining wall at Kuferit Reservoir.	April 24, 2016	April 24, 2016	April 25, 2016	A
IR-15-00010-SWJ-184-A	Inspection of Stainless Steel Thimble and Access Manway as attached MRR. At Jalqamus storage yard.	April 25, 2016	April 25, 2016	April 27, 2016	A
IR-15-00010-JLR-185-A	Inspection for location of Thimble (inlet ,outlet, altitude & overflow) and Access Manway at Jalqamus Reservoir.	April 25, 2016	April 25, 2016	April 26, 2016	A
IR-15-00010-JLR-186-A	Inspection of formwork for columns at Jalqamus Reservoir as attached.	April 25, 2016	April 25, 2016	April 26, 2016	C
IR-15-00010-JLR-186-B	Inspection of formwork for columns at Jalqamus Reservoir as attached.	April 26, 2016	April 26, 2016	April 27, 2016	A
IR-15-00010-ARR-187-A	Inspection of steel reinforcement for reservoir columns at Arraba Reservoir as attached.	April 25, 2016	April 25, 2016	April 26, 2016	C
IR-15-00010-ARR-187-B	Inspection of steel reinforcement for reservoir columns at Arraba Reservoir	April 27, 2016	April 27, 2016	April 28, 2016	A



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	as attached.				
IR-15-00010-ARR-188-A	Inspection for location of Thimble (inlet ,outlet, altitude & overflow) and Access Manway at Arraba Reservoir.	April 25, 2016	April 25, 2016	April 26, 2016	A
IR-15-00010-KFR-189-A	Inspection of casting concrete for retaining wall stem between sections 7 & 1 at Kuferit Reservoir as attached	April 25, 2016	April 25, 2016	April 25, 2016	A
IR-15-00010-JLR-190-A	Inspection of surface preparation for retaining wall between section 1-3 before applying 1st Bituminous coat Layer at Jalqamus Reservoir.	April 25, 2016	April 25, 2016	April 27, 2016	A
IR-15-00010-JLR-191-A	Inspection of 1st layer of Bituminous coat before applying 2nd layer coating of retaining wall between sections 1-3 at Jalqamus Reservoir.	April 25, 2016	April 25, 2016	April 27, 2016	A
IR-15-00010-JLR-192-A	Inspection of 2 nd layer of Bituminous coat before start backfilling of retaining wall between sections 1-3 at Jalqamus Reservoir.	April 26, 2016	April 26, 2016	April 27, 2016	A
IR-15-00010-KFR-193-A	Inspection of steel reinforcement for retaining wall and boundary wall stem from Point 3 to point 6 at Kuferit Reservoir.	April 26, 2016	April 26, 2016	April 27, 2016	A
IR-15-00010-AJR-194-A	Inspection of reduced level of boundary wall and retaining wall from section 1-7 and from section 1-2 ,and for retaining wall from 3-6 at Ajja Reservoir.	April 26, 2016	April 27, 2016	April 28, 2016	C
IR-15-00010-SWJ-195-A	Inspection of fabrication for 6" steel elbow	April 26, 2016	April 26, 2016	April 27, 2016	A
IR-15-00010-JLR-196-A	Inspection of casting concrete for columns at Jalqamus Reservoir as attached.	April 27, 2016	April 27, 2016	April 27, 2016	A
IR-15-00010-MTR -197-A	Inspection of formwork and steel reinforcement for beams at level 3 and stairs from 3rd land to 3rd level at Al Mutilla Reservoir.	April 27, 2016	April 27, 2016	April 28, 2016	A
IR-15-00010-MTR -198-A	Inspection of casting concrete for beams at level 3 and stairs from 3rd land to 3rd level at Al Mutilla Reservoir	April 27, 2016	April 27, 2016	April 2, 2016	A
IR-15-00010-ARR-199-A	Inspection of formwork for reservoir columns at Arraba Reservoir as attached.	April 27, 2016	April 27, 2016	April 28, 2016	A
IR-15-00010-ARR-200-A	Inspection of casting concrete for reservoir columns at Arraba Reservoir as attached.	April 27, 2016	April 27, 2016	April 28, 2016	A
IR-15-00010-KFR-201-A	Inspection of formwork for retaining wall and boundary wall stem from Point 3 to point 6 at Kuferit Reservoir.	April 28, 2016	April 28, 2016	April 28, 2016	A
IR-15-00010-KFR-202-A	Inspection of casting concrete for retaining wall and boundary wall stem from Point 3 to point 6 at Kuferit Reservoir.	April 28, 2016	May 2, 2016		



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IR-15-00010-AJR-204-A	Inspection of formwork for lean concrete under wall foundation from section 1-7 and 1-2 at Ajja Reservoir.	April 30, 2016	April 30, 2016		
IR-15-00010-JLR-206-A	Inspection for steel reinforcement for reservoir wall at Jalqamus Reservoir.	April 28, 2016	April 30, 2016		
IR-15-00010-ARR-014-B	Relocation of existing pipelines for Arraba Reservoir prior to start demolition of existing reservoir as coordination with local authorities and attached drawing. ,final location will be submitted separately	May 17, 2016	May 17, 2016	May 17, 2016	A
IR-15-00010-ARR-057-B	Inspection of 1 st layer of Bitumen coating for the lean concrete and concrete encasement of the W.O.	May 16, 2016	May 16, 2016	May 16, 2016	A
IR-15-00010-JLR-182-C	Inspection of internal formwork for reservoir wall at Jalqamus Reservoir.	May 3, 2016	May 3, 2016	May 4, 2016	A
IR-15-00010-AJR-194-B	Inspection of reduced level of boundary wall and retaining wall from section 1-7 and from section 1-2 ,and for retaining wall from 3-6 at Ajja Reservoir.	May 1, 2016	May 1, 2016	May 2, 2016	A
IR-15-00010-JLR-203-A	Inspection for location of Thimble (inlet ,outlet, altitude & overflow) and Access Manway at Jalqamus Reservoir.	May 1, 2016	May 1, 2016	May 2, 2016	A
IR-15-00010-AJR-205-A	Inspection of casting of lean concrete under wall foundation from section1-7 and 1-2 at Ajja Reservoir.	May 1, 2016	May 2, 2016	May 3, 2016	A
IR-15-00010-JLR-207-A	Inspection for installation of Expandable Water StopSW30 at Jalqamus Reservoir (2 Quarters).	May 1, 2016	May 1, 2016	May 2, 2016	A
IR-15-00010-SWJ-208-A	Inspection of 6" steel pipe as attached MRR. At Jalqamus storage yard.	May 1, 2016	May 1, 2016	May 2, 2016	C
IR-15-00010-SWJ-208-B	Inspection of 6" steel pipe as attached MRR. At Jalqamus storage yard.	May 4, 2016	May 4, 2016	May 5, 2016	C
IR-15-00010-SWJ-208-C	Inspection of 6" steel pipe as attached MRR. At Jalqamus storage yard.	May 8, 2016	May 9, 2016	May 10, 2016	C
IR-15-00010-SWJ-208-D	Inspection of 6" steel pipe as attached MRR. At Jalqamus storage yard.	May 15, 2016	May 16, 2016	May 16, 2016	A
IR-15-00010-TJT-209-A	Inspection of implementing safety and traffic signs prior to start pre-excavation(digging) for Telfit-Jalqamus Transmission Pipeline.	May 1, 2016	May 1, 2016	May 2, 2016	A
IR-15-00010-AJR-210-A	Inspection of formwork for lean concrete under wall foundation from section 3-5 at Ajja Reservoir.	May 2, 2016	May 5, 2016	May 5, 2016	A
IR-15-00010-AJR-211-A	Inspection of casting lean concrete under wall foundation from section 3 to 5 at Ajja Reservoir	May 2, 2016	May 5, 2016	May 5, 2016	C
IR-15-00010-	Inspection of casting lean concrete	May 12, 2016	May 14, 2016	May 15, 2016	A



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AJR-211-B	under wall foundation from section 3 to 5 at Ajja Reservoir				
IR-15-00010-KFR-212-A	Inspection of perforated pipes under slab on grade at Kuferit Reservoir.	May 2, 2016	May 2, 2016	May 3, 2016	C
IR-15-00010-KFR-212-B	Inspection of perforated pipes under slab on grade at Kuferit Reservoir.	May 4, 2016	May 4, 2016	May 5, 2016	A
IR-15-00010-KFR-213-A	Inspection of steel reinforcement for retaining wall stem from Point 1 to point 7 at Kuferit Reservoir.	May 2, 2016	May 2, 2016	May 3, 2016	A
IR-15-00010-KFR-214-A	Inspection of formwork for retaining wall stem from Point 1 to point 7 at Kuferit Reservoir.	May 2, 2016	May 2, 2016	May 3, 2016	C
IR-15-00010-KFR-214-B	Inspection of formwork for retaining wall stem from Point 1 to point 7 at Kuferit Reservoir.	May 4, 2016	May 4, 2016	May 5, 2016	C
IR-15-00010-KFR-214-C	Inspection of formwork for retaining wall stem from Point 1 to point 7 at Kuferit Reservoir.	May 8, 2016	May 8, 2016	May 9, 2016	A
IR-15-00010-SWJ-215-A	Offsite Inspection for bare steel pipes DN250 (10"),(quantity =3904 m) prior to apply Coating and Lining. Certificates refer to attached certificate at FIP (Hebron)	May 2, 2016	May 3, 2016	May 5, 2016	A
IR-15-00010-SWJ-216-A	Correction of monthly environmental check list of March , 2016	May 2, 2016	May 2, 2016	May 3, 2016	C
IR-15-00010-SWJ-216-B	Correction of monthly environmental check list of March , 2017	May 16, 2016	May 16, 2016	May 16, 2016	A
IR-15-00010-KRR-217-A	Implementing safety traffic plan for Kafer Ra'i Reservoir.	May 3, 2016	May 3, 2016	May 3, 2016	A
IR-15-00010-ARR-218-A	Inspection of internal formwork for reservoir wall (Quarter No. 1 – 1st stage) at Arraba Reservoir .	May 3, 2016	May 3, 2016	May 4, 2016	C
IR-15-00010-ARR-218-B	Inspection of internal formwork for reservoir wall (Quarter No. 1 – 1st stage) at Arraba Reservoir .	May 17, 2016	May 17, 2016	May 18, 2016	A
IR-15-00010-JLR-219-A	Inspection of outer formwork for reservoir wall at Jalqamus Reservoir(first stage).	May 3, 2016	May 3, 2016	May 4, 2016	A
IR-15-00010-SWJ-220-A	Inspection of 6" steel pipe as attached MRR. At Jalqamus storage yard.	May 3, 2016	May 3, 2016	May 5, 2016	C
IR-15-00010-SWJ-220-B	Inspection of 6" steel pipe as attached MRR. At Jalqamus storage yard.	May 8, 2016	May 9, 2016	May 10, 2016	C
IR-15-00010-SWJ-220-C	Inspection of 6" steel pipe as attached MRR. At Jalqamus storage yard.	May 16, 2016	May 16, 2016	May 16, 2016	A
IR-15-00010-ARR-221-A	Inspection of formwork and steel reinforcement for boundary wall stem from point 5 to point 8 at Arraba Reservoir.	May 4, 2016	May 4, 2016	May 5, 2016	A
IR-15-00010-ARR-222-A	Inspection of casting concrete for boundary wall stem from point 5 to point 8 at Arraba Reservoir.	May 4, 2016	May 4, 2016	May 5, 2016	C



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IR-15-00010-ARR-222-B	Inspection of casting concrete for boundary wall stem from point 5 to point 8 at Arraba Reservoir.	May 5, 2016	May 7, 2016	May 8, 2016	C
IR-15-00010-ARR-222-C	Inspection of casting concrete for boundary wall stem from point 5 to point 8 at Arraba Reservoir.	May 8, 2016	May 8, 2016	May 9, 2016	A
IR-15-00010-SWJ-223-A	Inspection of Seismic Cans as attached MRR. At Jalqamus storage yard.	May 4, 2016	May 4, 2016	May 5, 2016	A
IR-15-00010-JLR-224-A	Inspection for casting concrete for reservoir wall at Jalqamus Reservoir(first stage).	May 4, 2016	May 4, 2016	May 5, 2016	A
IR-15-00010-JLR-225-A	Inspection for Seismic Cans at Jalqamus Reservoir (first stage).	May 4, 2016	May 4, 2016	May 5, 2016	A
IR-15-00010-AJR-226-A	Inspection of formwork and steel reinforcement for retaining wall foundation from section 1-7 and 1-2 at Ajja Reservoir.	May 5, 2016	May 7, 2016	May 8, 2016	A
IR-15-00010-AJR-227-A	Inspection of casting concrete for retaining wall foundation from section 1-7 and 1-2 at Ajja Reservoir.	May 5, 2016	May 7, 2016	May 8, 2016	A
IR-15-00010-KFR-228-A	Inspection of casting concrete for retaining wall stem from Point 1 to point 7 at Kuferit Reservoir(stage 2).	May 8, 2016	May 8, 2016	May 9, 2016	A
IR-15-00010-JLR-229-A	Inspection for installation of filter fabric for retaining wall for point 1 to 3 at Jalqamus Reservoir.	May 8, 2016	May 8, 2016	May 9, 2016	A
IR-15-00010-JLR-230-A	Inspection for steel reinforcement for reservoir wall (2-quarters-2nd Stage) at Jalqamus Reservoir.	May 8, 2016	May 9, 2016	May 9, 2016	C
IR-15-00010-JLR-230-B	Inspection for steel reinforcement for reservoir wall (2-quarters-2nd Stage) at Jalqamus Reservoir.	May 10, 2016	May 10, 2016	May 10, 2016	C
IR-15-00010-JLR-230-C	Inspection for steel reinforcement for reservoir wall (2-quarters-2nd Stage) at Jalqamus Reservoir.	May 11, 2016	May 11, 2016	May 12, 2016	A
IR-15-00010-SWJ-231-A	Inspection of 6" steel pipes as attached MRR. At Jalqamus storage yard.	May 8, 2016	May 9, 2016	May 10, 2016	C
IR-15-00010-SWJ-231-B	Inspection of 6" steel pipes as attached MRR. At Jalqamus storage yard.	May 16, 2016	May 16, 2016	May 16, 2016	A
IR-15-00010-ARR-232-A	Inspection of steel reinforcement for reservoir walls at Arraba Reservoir (first stage)	May 9, 2016	May 9, 2016	May 10, 2016	A
IR-15-00010-ARR-233-A	Inspection for installation for Thimble (inlet ,outlet, altitude & overflow) and Access Manway at Arraba Reservoir.	May 9, 2016	May 9, 2016	May 10, 2016	A
IR-15-00010-JLR-234-A	Inspection for installation of Expandable Water StopSW30 with attached certificateat Jalqamus Reservoir (2 Quarters-second stage).	May 10, 2016	May 10, 2016	May 10, 2016	C
IR-15-00010-JLR-234-B	Inspection for installation of Expandable Water StopSW30 with	May 12, 2016	May 12, 2016	May 12, 2016	A



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	attached certificate at Jalqamus Reservoir (2 Quarters-second stage).				
IR-15-00010-KFR-235-A	Inspection of installation of vapor barrier and casting lean concrete under foundation and slab on grade at Kufeirit Reservoir.	May 10, 2016	May 10, 2016	May 11, 2016	A
IR-15-00010-KFR-236-A	Inspection of surface preparation for the retaining walls (external side) from point 6 to point 7 prior to start apply 1st layer of bituminous coat at Kufeirit Reservoir	May 10, 2016	May 10, 2016	May 11, 2016	A
IR-15-00010-KFR-237-A	Inspection of surface preparation for the retaining walls (external side) from point 7 to point 1 (1st stage) prior to start apply 1st layer of bituminous coat at Kufeirit Reservoir	May 10, 2016	May 10, 2016	May 11, 2016	A
IR-15-00010-KFR-238-A	Inspection for installation of filter fabric for retaining wall from point 2 to point 3 at Kufeirit Reservoir (first stage).	May 10, 2016	May 10, 2016	May 11, 2016	A
IR-15-00010-AJR-239-A	Inspection of steel reinforcement for retaining wall stem from section 1-7 and 1-2 at Aja Reservoir. (first stage)	May 10, 2016	May 10, 2016	May 10, 2016	A
IR-15-00010-AJR-240-A	Inspection of formwork for retaining wall stem from section 1-7 and 1-2 at Aja Reservoir.	May 10, 2016	May 11, 2016	May 12, 2016	A
IR-15-00010-SWJ-241-A	Inspection of fabrication elbow as attached MRR. At Jalqamus storage yard.	May 11, 2016	May 11, 2016	May 12, 2016	C
IR-15-00010-SWJ-241-B	Inspection of fabrication elbow as attached MRR. At Jalqamus storage yard. RT Negative will be submitted separately	May 16, 2016	May 16, 2016	May 17, 2016	A
IR-15-00010-MTR -242-A	Inspection of steel reinforcement for columns 4th level at Al Mutilla Reservoir	May 11, 2016	May 11, 2016	May 12, 2016	A
IR-15-00010-KFR-243-A	Inspection of 1st and 2nd layer bituminous coating for the retaining walls (external side) from point 6 to point 7 prior to start backfilling works at Kufeirit Reservoir	May 11, 2016	May 11, 2016	May 12, 2016	A
IR-15-00010-KFR-244-A	Inspection of 1st and 2nd layer bituminous coating for the retaining walls (external side) from point 7 to point 1 (1st stage) prior to start backfilling works at Kufeirit Reservoir	May 11, 2016	May 11, 2016	May 12, 2016	A
IR-15-00010-AJR-245-A	Inspection of casting concrete for retaining wall stem from section 1-7 and 1-2 at Aja Reservoir.	May 11, 2016	May 11, 2016	May 12, 2016	A
IR-15-00010-KFR-246-A	Inspection of surface preparation for the retaining walls (internal side) from point 6 to point 7 prior to start apply 1st layer of bituminous coat at Kufeirit Reservoir	May 12, 2016	May 12, 2016	May 12, 2016	A
IR-15-00010-	Inspection of surface preparation for	May 12, 2016	May 12, 2016	May 12, 2016	A



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KFR-247-A	the retaining walls (internal side) from point 7 to point 1 (1st stage) prior to start apply 1st layer of bituminous coat at Kuferit Reservoir				
IR-15-00010-KFR-248-A	Inspection of surface preparation for the retaining walls and boundary wall from point 2 to point 6 prior to start apply 1st layer of bituminous coat at Kuferit Reservoir	May 12, 2016	May 12, 2016	May 12, 2016	A
IR-15-00010-KFR-249-A	Inspection of surface preparation for the retaining walls from point 7 to point 1 (2nd stage) prior to start apply 1st layer of bituminous coat at Kuferit Reservoir.	May 12, 2016	May 12, 2016	May 12, 2016	A
IR-15-00010-KFR-250-A	Inspection of 1st and 2nd layer bituminous coating prior to start backfilling works for the following sections: 1. Retaining walls (internal side) from point 6 to point 7. 2. Retaining walls (internal side) from point 7 to point 1 (1st stage). 3. Retaining walls and boundary wall from point 2 to point 6. 4. Retaining walls from point 7 to point 1 (2nd stage).	May 12, 2016	May 12, 2016	May 12, 2016	A
IR-15-00010-AJR-251-A	Inspection of cast of concrete for walls at Jalqamus Reservoir / 2 nd Stage.	May 15, 2016	May 15, 2016	May 15, 2016	C
IR-15-00010-AJR-251-B	Inspection of cast of concrete for walls at Jalqamus Reservoir / 2 nd Stage.	May 17, 2016	May 18, 2016	May 19, 2016	A
IR-15-00010-MTR-252-A	Inspection of formwork for columns 4th level at Al Mutilla Reservoir.	May 15, 2016	May 15, 2016	May 15, 2016	A
IR-15-00010-MTR-253-A	Inspection of cast of concrete for columns 4th level at Al Mutilla Reservoir.	May 15, 2016	May 15, 2016	May 15, 2016	A
IR-15-00010-ARR-254-A	Inspection for Installation of Expandable Water Stop SW30 at Arraba Reservoir / Quarter No. 1 – 1st stage.	May 15, 2016	May 15, 2016	May 15, 2016	A
IR-15-00010-AJR-255-A	Inspection of steel reinforcement for retaining wall stem from section 1-7 and 1-2 at Ajja Reservoir / 2nd Stage.	May 15, 2016	May 15, 2016	May 15, 2016	A
IR-15-00010-JLR-256-A	Inspection of External Formwork for walls at Jalqamus Reservoir / 2nd Stage.	May 15, 2016	May 15, 2016	May 15, 2016	A
IR-15-00010-SWJ-257-A	Inspection of delivered material 6” steel pipes as attached Material Receiving Reports (MRR) at Jalqamus Storage Yard.	May 15, 2016	May 15, 2016	May 15, 2016	A
IR-15-00010-SWJ-258-A	Offsite inspection for bar steel pipes DN200 (8”) / (Quantity = 2400 m long) prior to apply coating and lining. Refer to attached mill test certificates. Location: FIP/Hebron	May 15, 2016	May 16, 2016	May 16, 2016	A
IR-15-00010-	Offsite inspection for bar steel pipes	May 15, 2016	May 16, 2016	May 16, 2016	A



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SWJ-259-A	DN150 (6") / (Quantity = 4033.54 m long) prior to apply coating and lining. Refer to attached mill test certificates. Location: FIP/Hebron				
IR-15-00010-ARR-260-A	Inspection of surface preparation for stem and foundation of boundary wall from point 5 to point 8 prior to apply 1 st Bituminous coat at Arraba Reservoir.	May 17, 2016	May 17, 2016	May 18, 2016	A
IR-15-00010-AJR-261-A	Inspection of formwork for retaining wall stem from section 1-7 at Ajja Reservoir (second stage).	May 17, 2016	May 17, 2016	May 18, 2016	A
IR-15-00010-AJR-262-A	Inspection of casting concrete for retaining wall stem from section 1-7 at Ajja Reservoir (second stage).	May 17, 2016	May 17, 2016	May 18, 2016	A
IR-15-00010-ARR-263-A	Inspection of external formwork for reservoir wall (Quarter No.1 – 1st stage) at Arraba Reservoir .	May 17, 2016	May 17, 2016	May 18, 2016	A
IR-15-00010-ARR-264-A	Inspection of casting concrete for reservoir wall (Quarter No. 1 – 1st stage)at Arraba Reservoir .	May 17, 2016	May 18, 2016	May 19, 2016	A
IR-15-00010-SWJ-265-A	Correction of monthly environmental check list of April , 2016	May 18, 2016	May 19, 2016	May 19, 2016	A
IR-15-00010-ARR-266-A	Inspection of 1st layer of bituminous coating for stem and foundation of boundary wall prior to apply 2 nd layer.	May 18, 2016	May 18, 2016	May 19, 2016	A
IR-15-00010-ARR-267-A	Inspection of 2 nd layer of bituminous coating for stem and foundation of boundary wall prior to start backfilling wall .	May 18, 2016	May 19, 2016	May 19, 2016	A
IR-15-00010-KFR-268-A	Inspection of installation of earthing system for foundation at Kufeirit Reservoir.	May 19, 2016	May 19, 2016	May 19, 2016	A
IR-15-00010-KFR-269-A	Inspection of Formwork and Steel reinforcement for slab on grade, foundation and base of column for Kufeirit Reservoir	May 19, 2016	May 19, 2016	May 19, 2016	C
IR-15-00010-KFR-269-B	Inspection of Formwork and Steel reinforcement for slab on grade, foundation and base of column for Kufeirit Reservoir	May 22, 2016	May 22, 2016	May 23, 2016	A
IR-15-00010-KFR-270-A	Inspection of cast of concrete for slab on grade, foundation and base of column for Kufeirit Reservoir	May 19, 2016	May 22, 2016	May 23, 2016	A
IR-15-00010-SWJ-271-A	Inspection of Pre-Cast Manhole-Delivered Material (MRR) at Jalqamus Storage Yard.	May 19, 2016	May 19, 2016	May 19, 2016	C
IR-15-00010-ARR-272-A	Inspection for Installation of Expandable Water Stop SW30 at Arraba Reservoir / Quarter No. 2 – 1st Stage. with attached.	May 22, 2016	May 22, 2016	May 23, 2016	A
IR-15-00010-KFR-273-A	Inspectionfor installation of PVC Waterstop/Supercast Watafoil S250	May 22, 2016	May 22, 2016	May 23, 2016	A



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	for reservoir foundation and slab on grade at Kuferit reservoir				
IR-15-00010-AJR-274-A	Inspection of formwork and steel reinforcement for retaining wall foundation from section 3-4 at Ajja Reservoir.	May 22, 2016	May 22, 2016	May 22, 2016	A
IR-15-00010-AJR-275-A	Inspection of casting concrete for retaining wall foundation from section 3-4 at Ajja Reservoir.	May 22, 2016	May 23, 2016	May 23, 2016	A
IR-15-00010-ARR-276-A	Inspection of formwork for reservoir wall (Quarter No. 2 – 1st stage)at Arraba Reservoir .	May 24, 2016	May 24, 2016	May 25, 2016	A
IR-15-00010-ARR-277-A	Inspection of casting concrete for reservoir wall (Quarter No. 2 – 1st stage)at Arraba Reservoir .	May 24, 2016	May 25, 2016	May 25, 2016	A
IR-15-00010-ARR-278-A	Inspection of steel reinforcement for reservoir walls at Arraba Reservoir (2 nd stage).	May 26, 2016	May 26, 2016	May 26, 2016	A
IR-15-00010-TJT-279-A	Inspection Radiographic Tests for welded joints (14 Joints/6” Pipelines for TJ-099 to TJ112)	May 26, 2016	January 0, 1900	May 30, 2016	A
IR-15-00010-AJR-280-A	Inspection of steel reinforcement for retaining wall foundation from section 4-5 at Ajja Reservoir.	May 26, 2016	May 26, 2016	May 26, 2016	A
IR-15-00010-AJR-281-A	Inspection of casting lean concrete under retaining wall foundation from section 5-6 at Ajja Reservoir.	May 26, 2016	May 28, 2016	May 30, 2016	A
IR-15-00010-AJR-282-A	Inspection of formwork for retaining wall foundation from section 4-5 at Ajja Reservoir.	May 26, 2016	May 26, 2016	May 26, 2016	A
IR-15-00010-AJR-283-A	Inspection of casting concrete for retaining wall foundation from section 4-5 at Ajja Reservoir.	May 26, 2016	May 28, 2016	May 30, 2016	A
IR-15-00010-ARR-284-A	Inspection for Installation of Expandable Water Stop SW30 at Arraba Reservoir / Quarter No. 1 – 2 nd Stage.	May 26, 2016	May 28, 2016	May 29, 2016	A
IR-15-00010-KFR-285-A	Inspection for location of Thimble (inlet ,outlet, altitude & overflow) and Access Manway at Kuferit Reservoir	May 29, 2016	May 29, 2016	May 30, 2016	A
IR-15-00010-SMT-286-A	Inspection of fabrication and welding for 10” steel elbows at Jalqamus workshop	May 29, 2016	May 29, 2016	May 30, 2016	A
IR-15-00010-TJT-287-A	Inspection of Marking the alignment of 6” pipelines double trench area for Telfit-Jalqamus Force Line from STA: 2+135 to STA: 2+328.	May 29, 2016	May 29, 2016	May 29, 2016	A
IR-15-00010-JLT-288-A	Inspection of Marking the alignment of 6” pipelines for Jalqamus-Umtut Force Line: double trench area from STA: 0+000 to STA: 0+190 and single trench area from STA 0+190 to 0+312.	May 29, 2016	May 29, 2016	May 29, 2016	A
IR-15-00010-AJR-289-A	Inspection of surface preparation for foundation of retaining walls from	May 29, 2016	May 29, 2016	May 30, 2016	A



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	point 7 to point 2 prior to apply 1st layer of bituminous coat at Ajja Reservoir				
IR-15-00010-AJR-290-A	Inspection of 1st layer of Bituminous coat for foundations of retaining walls from point 7 to point 2 prior to apply 2nd layer of bituminous coat at Ajja Reservoir	May 29, 2016	May 29, 2016	May 30, 2016	A
IR-15-00010-SWJ-291-A	Offsite inspection for bar steel pipes DN150 (6") / (Quantity = 606.25 m long) prior to apply coating and lining. Refer to attached mill test certificates Location: FIP/Hebron	May 29, 2016	May 30, 2016	May 31, 2016	A
IR-15-00010-ARR-292-A	Inspection of formwork for reservoir walls (Quarter No. 1 – Stage 2-A) at Arraba Reservoir	May 30, 2016	May 30, 2016	May 31, 2016	A
IR-15-00010-ARR-293-A	Inspection of casting concrete for reservoir wall (Quarter No. 1 –stage 2-A)at Arraba Reservoir .	May 30, 2016	May 31, 2016	May 31, 2016	A
IR-15-00010-AJR-294-A	Inspection of formwork for boundary wall stem from section 7-1(stage 3) and from section 1-2 (stage 2) at Ajja Reservoir.	May 30, 2016	May 30, 2016	May 31, 2016	A
IR-15-00010-AJR-295-A	Inspection of casting concrete for boundary wall stem from section 7-1(stage 3) and from section 1-2 (stage 2) at Ajja Reservoir.	May 30, 2016	May 30, 2016	May 31, 2016	A
IR-15-00010-SWJ-296-A	Inspection of High Potential Magnesium Anodes as attached Material Receiving Reports (MRR) at Jalqamus Storage Yard.	May 30, 2016	May 30, 2016	May 31, 2016	C
IR-15-00010-TJT-297-A	Inspection of fabrication and welding for 6" steel elbows at Jalqamus workshop as the following table:	May 30, 2016	May 30, 2016	May 31, 2016	A
IR-15-00010-AJR-298-A	Inspection of surface preparation for stem of retaining walls from point 7 to point 1 and from point 1 to point 2 prior to apply 1st layer of bituminous coat at Ajja Reservoir	May 31, 2016	May 31, 2016		A
IR-15-00010-AJR-299-A	Inspection of 1st layer of Bituminous coat for stem of retaining walls from point 7 to point 1 and from point 1 to point 2 prior to apply 2nd layer of bituminous coat at Ajja Reservoir	May 31, 2016	May 31, 2016		A
IR-15-00010-KFR-300-A	Inspection of internal formwork for reservoir wall at Kuferit Reservoir.	May 31, 2016	May 31, 2016		A



Annex H – Test Reports Log



CONTRACT NO. AID-294-I-00-12-00002
 TASK ORDER NO. AID-294-TO-15-00010
 Southwest Jenin Water Project



QC SUBMITTALS LOG						
No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
1	TEST-15-00010-SWJ-001-A	28-Days Concrete Compressive Strength Test Reports (M/1508/360AA – B-20, B-25 & B-30 Al Karmel Batch Plant Concrete Mix Design	Concrete	January 10, 2016	January 20, 2016	A
2	TEST-15-00010-SWJ-002-A	28-Days Concrete Compressive Strength Test Reports (M/1511/330bb – B-20, B-25 & B-30 Me'mar Batch Plant	Concrete	January 10, 2016	January 20, 2016	A
3	TEST-15-00010-SWJ-003-A	28-Days Concrete Compressive Strength Test Reports (M/1511/330aa – B-35 Me'mar Batch Plant Concrete Mix Design)	Concrete	January 10, 2016	January 20, 2016	E
4	TEST-15-00010-SWJ-004-A	28-Days Concrete Compressive Strength Test Reports(M/1511/330' – B-35 Cylinder Me'mar Batch Plant	Concrete	January 10, 2016	January 20, 2016	A
5	TEST-15-00010-SWJ-005-A	07-Days Concrete Compressive Strength Test Reports(M/1512/657 – C-35 Cylinder (Type A1) trial at Al Karmel Batch Plant	Concrete	January 11, 2016	January 20, 2016	A
6	TEST-15-00010-SWJ-006-A	07-Days Concrete Compressive Strength Test Reports (M/1512/645 – C-35 Cylinder (Type A3) trial at Al Karmel Batch Plant	Concrete	January 11, 2016	January 20, 2016	A
7	TEST-15-00010-SWJ-007-A	07-Days Concrete Compressive Strength Test Reports (M/160/15-B -35 Cylinder (Type A1) trial at Me'mar Batch Plant	Concrete	January 13, 2016	January 20, 2016	A
8	TEST-15-00010-SWJ-008-A	Test Report on Natural Sand for Concrete (M/1601/302a)-at Me'mar Batch Plant-Stockpiles at the plant	Concrete	January 21, 2016	January 21, 2016	A
9	TEST-15-00010-ARR-09-A	Test Report for Concrete Type A1 (M/1601/15) – at Me'mar Batch Plant-07 Days Trial Mix	Concrete	January 24, 2016	January 25, 2016	A
10	TEST-15-00010-SWJ-010-A	Test Report Concrete B -300 (M/1601/208) – at Al Karmel Batch Plant -07 Days Trail Mix	Concrete	January 24, 2016	January 25, 2016	A
11	TEST-15-00010-SWJ-011-A	Test Report for single size (Somsom)(M/1601/301)-at Me'mar Plant-Stockpiles at the plant	Concrete	January 25, 2016	January 28, 2016	A
12	TEST-15-00010-SWJ-012-A	Test Report for Concrete B-300 (M/1601/310) – at Me'mar Batch Plant-07 Days Trial Mix	Concrete	January 28, 2016	February 15, 2016	A
13	TEST-15-00010-SWJ-013-A	Test Report Concrete B -250 (M/1601/328) – at Al Karmel Batch Plant -07 Days Trail Mix	Concrete	January 28, 2016	February 15, 2016	A
14	TEST-15-00010-SWJ-014-A	28-Days Concrete Compressive Strength Test Reports (M/1512/657a) – (Type A1) Trial at Al Karmel Batch Plant	Concrete	February 1, 2016	February 15, 2016	A
15	TEST-15-00010-SWJ-015-A	28-Days Concrete Compressive Strength Test Reports (M/1512/645a) – (Type A3) Trial at Al Karmel Batch Plant	Concrete	February 2, 2016	February 15, 2016	A



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16	TEST-15-00010-SWJ-016-A	28-Days Concrete Compressive Strength Test Reports (M/160/15a – (Type A1-) Trial at Me'mar Batch Plan	Concrete	February 2, 2016	February 15, 2016	A
17	TEST-15-00010-SWJ-017-A	Test Report - reinforcement deformed steel Bars Ø14 , Ø16, Ø20, Ø25 Report # (BM/STL/16006) Fawaz Qanaze'a Co./ Nablus □	Steel	February 9, 2016	February 15, 2016	A
18	TEST-15-00010-SWJ-018-A	Test Report Concrete B-300 (M/160/208a)at Al Karmel Batch Plant-28 Days Trail Mix	Concrete	February 10, 2016	February 15, 2016	A
19	TEST-15-00010-SWJ-019-A	A Test Report for single size (Somsom)(BM/QC/16011)-at University Crusher-Stockpiles at the University plant.	Somsom	February 17, 2016	February 24, 2016	A
20	TEST-15-00010-SWJ-020-A	Test Report for Silica Sand (BM/QC/16012)-at University Crusher-Stockpiles at the University plant.	Silica sand	February 17, 2016	February 24, 2016	A
21	TEST-15-00010-SWJ-21-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16253)-(Type A1)trail at University Mix Plant	Concrete	February 22, 2016	February 24, 2016	A
22	TEST-15-00010-MTR-22-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16288)-(Type A1)trail For foundation Al Mutilla Reservoir	Concrete	February 22, 2016	February 24, 2016	A
23	TEST-15-00010-SWJ-23-A	Test Report for Silica Sand (BM/QC/16025)-at University Crusher-Stockpiles at the University plant.	Silica sand	February 25, 2016	March 8, 2016	A
24	TEST-15-00010-SWJ-24-A	28-Days Concrete Cubes Strength Test Report (118/C/2016)Al -Jam'a - Concrete Company- Trial Batch	Concrete	February 28, 2016		
25	TEST-15-00010-MTR-24-A	28-Days Lean Concrete (B 25) for Al Mutilla reservoir Test Report (118/C/2016)Al -Jam'a Concrete Trial Batch	Concrete	March 6, 2016	March 8, 2016	A
26	TEST-15-00010-MTR-25-A	28-Days Lean Concrete (B 30) for Al Mutilla reservoir Test Report (118A/C/2016)Al -Jam'a Concrete Trial Batch	Concrete	March 6, 2016	March 8, 2016	A
27	TEST-15-00010-JLR-26-A	Test Report for FDT (field Density Test) Back Fill Material (ST/FD/16044), (ST/16062) – at Jalqamus Reservoir Area =180m2/inside the ring	FDT	March 6, 2016	March 8, 2016	A
28	TEST-15-00010-SWJ-27-A	Test Report for Sand equivalent (Silica Sand /Concrete Fine aggregate) (BM/QC/16026) – at Me 'mar concrete factory	Sand equivalent	March 6, 2016	March 8, 2016	A
29	TEST-15-00010-SWJ-28-A	Test Report for Sand equivalent (Silica Sand /Concrete Fine aggregate) (BM/QC/16025) – at University Crusher plant	Sand equivalent	March 6, 2016	March 8, 2016	A
30	TEST-15-00010-SWJ-29-A	Test Report for Sand equivalent (Silica Sand /Concrete Fine aggregate) (BM/QC/16018) – at University Crusher plant	Sand equivalent	March 6, 2016	March 8, 2016	A



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	31	TEST-15-00010-MTR-030-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16310) – (B-20) Lean concrete /Retaining Wall (1-3) Al-Mutilla Reservoir □	Concrete	March 6, 2016	March 8, 2016	A
	32	TEST-15-00010-MTR-031-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16347) – (B-30) Footing of Retaining Wall (1-3) Al-Mutilla Reservoir □	Concrete	March 6, 2016	March 8, 2016	A
	33	TEST-15-00010-JLR-032-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16300) – (B-20) Lean concrete under Wall Footing Jalqamus Reservoir □	Concrete	March 6, 2016	March 8, 2016	A
	34	TEST-15-00010-JLR-033-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16300) – (B-20) Lean concrete under Wall Footing Jalqamus Reservoir □	Concrete	March 6, 2016	March 8, 2016	A
	35	TEST-15-00010-JLR-034-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16325) – (B-20) Lean concrete under Retaining Wall Jalqamus Reservoir □	Concrete	March 7, 2016	March 8, 2016	A
	36	TEST-15-00010-JLR-35-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16381) – (B-30) Footing of Retaining Wall Between Points(4-5) Jalqamus Reservoir	Concrete	March 10, 2016	March 16, 2016	A
	37	TEST-15-00010-MTR-36-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16380) – (A1(35MPaC)) Columns of Level one and Concrete Slab On-Grade Al-Mutilla Reservoir	Concrete	March 10, 2016	March 16, 2016	A
	38	TEST-15-00010-ARR-037-A	(BM/CT/16379) – (A1(35MPaC)) Around Wash Out Pipe Arraba Reservoir	Concrete	March 10, 2016	March 16, 2016	A
	39	TEST-15-00010-JLR-038-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16362) – (B-30) Base of Retaining Wall Between Points (3-4) & Blinding Between Points (4-5) Jalqamus Reservoir	Concrete	March 10, 2016	March 16, 2016	A
	40	TEST-15-00010-JLR-039-A	Test Report for FDT (field Density Test) Back Fill Material (ST/FD/16060) – at Jalqamus Reservoir Area Inside Ring/Below Slab On-Grade,3rd Layer	FDT	March 10, 2016	March 16, 2016	C
	41	TEST-15-00010-JLR-039-B	Test Report for FDT (field Density Test) Back Fill Material (ST/FD/16060) – at Jalqamus Reservoir Area Inside Ring/Below Slab On-Grade,3rd Layer	FDT	March 17, 2016	March 22, 2016	A
	42	TEST-15-00010-ARR-40-A	Test Report for FDT (field Density Test) Back Fill Material (ST/FD/16059) – at Arraba On-Ground Reservoir Area /Inside Ring/Below Slab On-Grade,3rd Layer	FDT	March 10, 2016	March 16, 2016	C
	43	TEST-15-00010-ARR-40-B	Test Report for FDT (field Density Test) Back Fill Material (ST/FD/16059) – at Arraba On-Ground Reservoir Area /Inside Ring/Below Slab On-Grade,3rd Layer	FDT	March 17, 2016	March 22, 2016	A
	44	TEST-15-00010-ARR-41-A	Test Report for FDT (field Density Test) Back Fill Material (ST/FD/16058), – at Arraba On-Ground Reservoir Area/Inside Ring/Below Slab On-Grade,2nd Layer	FDT	March 10, 2016	March 16, 2016	C
	45	TEST-15-00010-ARR-41-B	Test Report for FDT (field Density Test) Back Fill Material (ST/FD/16058), – at Arraba On-Ground Reservoir Area/Inside Ring/Below Slab On-Grade,2nd Layer	FDT	March 17, 2016	March 22, 2016	A
	46	TEST-15-00010-JLR-42-A	Test Report for FDT (field Density Test) Back Fill Material (ST/FD/16057),– at Jalqamus Reservoir Area/Area Inside Ring /Below Slab On-Grade,2nd Layer	FDT	March 10, 2016	March 16, 2016	C
	47	TEST-15-00010-JLR-42-B	Test Report for FDT (field Density Test) Back Fill Material (ST/FD/16057),– at Jalqamus Reservoir Area/Area Inside Ring /Below Slab On-Grade,2nd Layer	FDT	March 17, 2016	March 22, 2016	A



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	48	TEST-15-00010-ARR-43-A	Test Report for FDT (field Density Test) Back Fill Material (ST/FD/16048)– at Arraba On-Ground Reservoir Area,1st Layer	FDT	March 10, 2016	March 16, 2016	C
	49	TEST-15-00010-ARR-43-B	Test Report for FDT (field Density Test) Back Fill Material (ST/FD/16048)– at Arraba On-Ground Reservoir Area,1st Layer	FDT	March 17, 2016	March 22, 2016	A
	50	TEST-15-00010-ARR-44-A	Test Report for Base Course (ST/16086), Arraba Reservoir on Site Yard(3rd Layer)	Base Course	March 10, 2016	March 16, 2016	C
	51	TEST-15-00010-ARR-44-B	Test Report for Back Fill Material (ST/16086), Arraba Reservoir on Site Yard(3rd Layer)	Base Course	March 17, 2016	March 22, 2016	A
	52	TEST-15-00010-JLR-45-A	Test Report for Base Course (ST/16087), Jalqamus Reservoir on Site Yard(4th Layer)	Base Course	March 10, 2016	March 16, 2016	C
	53	TEST-15-00010-JLR-45-B	Test Report for Back Fill Material (ST/16087), Jalqamus Reservoir on Site Yard(4th Layer)	Base Course	March 17, 2016	March 22, 2016	A
	54	TEST-15-00010-MTR-046-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16418) – (A1(35MPaC))) Stair Case Between (Ground to First Land Al-Mutilla Reservoir	Concrete	March 14, 2016	March 31, 2016	A
	55	TEST-15-00010-JLR-047-A	07-Days Concrete Compressive Strength Test Reports(BM/CT/16417) – (B-30) Retaining Wall Between Points (3-4)Jalqamus Reservoir	Concrete	March 14, 2016	March 31, 2016	A
	56	TEST-15-00010-JLR-048-A	28-Days Concrete Compressive Strength Test Reports(BM/CT/16300) – (B-20) Lean Concrete Under Foundation Ring Jalqamus Reservoir	Concrete	March 14, 2016	March 31, 2016	A
	57	TEST-15-00010-ARR-049-A	Test Report for Back Fill Material 4th layer (ST/FD/16114),(ST/16086), Arraba Reservoir Below Slab on Grade	back fill	March 20, 2016	March 22, 2016	A
	58	TEST-15-00010-ARR-050-A	Test Report for Base Course layer (ST/FD/16123),(ST/16113), Arraba Reservoir Below Slab on Grade	Base Course	March 20, 2016	March 22, 2016	A
	59	TEST-15-00010-JLR-051-A	Test Report for Base Course layer (ST/FD/16124), (ST/FD/16141), (ST/160114), Jalqamus Reservoir Below Slab on Grade	Base Course	March 20, 2016	March 22, 2016	A
	60	TEST-15-00010-MTR-52-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16310) – (B-20) Lean concrete /Retaining Wall (1-3) Al-Mutilla Reservoir	Concrete	April 3, 2016	April 10, 2016	A
	61	TEST-15-00010-MTR-53-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16347) – (B-30) Footing of Retaining Wall (1-3) Al-Mutilla Reservoir	Concrete	April 3, 2016	April 10, 2016	A
	62	TEST-15-00010-MTR-54-A	28-Days Concrete Compressive Strength Test Reports(BM/CT/16380) – (A1(35MPaC))) Columns of Level one and Concrete Slab On-Grade Al-Mutilla Reservoir	Concrete	April 3, 2016	April 10, 2016	A
	63	TEST-15-00010-MTR-55-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16435) – (A1(35MPaC))) Beams at Level One and Stair at Level One / Al-Mutilla Reservoir	Concrete	April 3, 2016	April 10, 2016	A



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	64	TEST-15-00010-ARR-056-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16381) – (B-30) Footing of Retaining Wall Between Points(4-5) Jalqamus Reservoir	Concrete	April 3, 2016	April 10, 2016	A
	65	TEST-15-00010-JLR-057-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16362) – (B-30) Base of Retaining Wall Between Points (3-4) & Blinding Between Points (4-5)Jalqamus Reservoir	Concrete	April 3, 2016	April 10, 2016	A
	66	TEST-15-00010-JLR-058-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16505) – (B-20) Blinding Concrete Below Slab on – Grade (A=210m2) /Jalqamus Reservoir	Concrete	April 3, 2016	April 10, 2016	A
	67	TEST-15-00010-JLR-059-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16417) – (B-30) Retaining Wall Between Points (3-4) Jalqamus Reservoir	Concrete	April 4, 2016	April 10, 2016	A
	68	TEST-15-00010-ARR-060-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16379) – (A1(35MPaC))) Around Wash Out Pipe Arraba Reservoir	Concrete	April 4, 2016	April 10, 2016	A
	69	TEST-15-00010-ARR-061-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16491) – (B-20) Lean concrete Under Reservoir Floor Slab (A = 380 m2) Arraba Reservoir	Concrete	April 4, 2016	April 10, 2016	A
	70	TEST-15-00010-ARR-062-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16492) – (B-30) Boundary Wall Stem between Points (8-9)/ Arraba Reservoir	Concrete	April 4, 2016	April 10, 2016	A
	71	TEST-15-00010-KFR-063-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16493) – (B-20) Lean Concrete for Concrete Wall Through Points (1,2,3,4,5,6,7) of Kuferit Reservoir	Concrete	April 4, 2016	April 10, 2016	A
	72	TEST-15-00010-KFR-064-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16499) – (B-30) Footing of Retaining Wall Between Points (4-5) of Kuferit Reservoir	Concrete	April 4, 2016	April 10, 2016	A
	73	TEST-15-00010-ARR-065-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16427) – (B-30) Footing of Boundary Wall between (Existing Wall -8) of Arraba Reservoir □	Concrete	April 11, 2016	April 12, 2016	A
	74	TEST-15-00010-ARR-066-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16457) – (B-30) Boundary Wall between (Existing Wall - 9) of Arraba Reservoir □	Concrete	April 11, 2016	April 12, 2016	A
	75	TEST-15-00010-JLR-067-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16415) – (B-20) Lean Concrete between Points (1-3) & (3-4) for Retaining Wall of Jalqamus Reservoir	Concrete	April 11, 2016	April 12, 2016	A
	76	TEST-15-00010-ARR-068-A	28-Days Concrete Compressive Strength Test Reports(BM/CT/16414) – (B-20) Lean concrete between Point (8-10) and (10- Existing Wall) of Arraba Reservoir □	Concrete	April 12, 2016	April 28, 2016	A



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	77	TEST-15-00010-ARR-069-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16352) – (B-20) Lean concrete Under foundation Ring of Arraba Reservoir	Concrete	April 12, 2016	April 28, 2016	A
	78	TEST-15-00010-JLR-070-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16434) – (B-30) Foundation of Retaining Wall between Points (1-3) / Jalqamus Reservoir	Concrete	April 12, 2016	April 28, 2016	A
	79	TEST-15-00010-JLR-071-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16500) – (B-30) Stem of Boundary Wall Between Points (4-5)and Footing of Boundary Wall Between Points (2-3) / Jalqamus Reservoir	Concrete	April 12, 2016	April 28, 2016	A
	80	TEST-15-00010-JLR-072-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16456) – (B-30) Retaining Wall Between Points (3-5) / Jalqamus Reservoir	Concrete	April 12, 2016	April 28, 2016	A
	81	TEST-15-00010-JLR-073-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16417) – (B-30) Retaining Wall Between Points (3-4) Jalqamus Reservoir	Concrete	April 17, 2016	April 25, 2016	A
	82	TEST-15-00010-JLR-074-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16434) – (B-30) Foundation of Retaining Wall between Points (1-3) / Jalqamus Reservoir	Concrete	April 17, 2016	April 25, 2016	A
	83	TEST-15-00010-JLR-075-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16456) – (B-30) Retaining Wall Between Points (3-5) / Jalqamus Reservoir	Concrete	April 17, 2016	April 25, 2016	A
	84	Test-15-00010-JLR-076-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16325) – (B-20) Lean concrete under Footing of Retaining Wall between points (3-4) /Jalqamus Reservoir □	Concrete	April 17, 2016	April 25, 2016	A
	85	TEST-15-00010-JLR-077-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16520) – (B-30) Retaining Wall Between Points (1-2) / Jalqamus Reservoir	Concrete	April 17, 2016	April 25, 2016	A
	86	TEST-15-00010-JLR-078-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16583) – (B-30) Retaining Wall Between Points (2-3) / Jalqamus Reservoir	Concrete	April 17, 2016	April 25, 2016	A
	87	TEST-15-00010-ARR-079-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16457) – (B-30) Boundary Wall between (Existing Wall - 9) of Arraba Reservoir □	Concrete	April 17, 2016	April 25, 2016	A
	88	TEST-15-00010-ARR-080-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16427) – (B-30) Footing of Boundary Wall between (Existing Wall -8) of Arraba Reservoir □	Concrete	April 17, 2016	April 25, 2016	A
	89	TEST-15-00010-ARR-081-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16571) – A1(35MPa) Base of the Arraba Reservoir (2000 m 3)	Concrete	April 17, 2016	April 25, 2016	C
	90	TEST-15-00010-MTR-082-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16418) – (A1(35MPaC)) Stair Case Between (Ground to First Land)Al-Mutilla Reservoir □	Concrete	April 17, 2016	April 25, 2016	A
	91	TEST-15-00010-MTR-083-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16435) – (A1(35MPaC)) Beams at Level One and Stair at Level One / Al-Mutilla Reservoir	Concrete	April 17, 2016	April 25, 2016	A
	92	TEST-15-00010-MTR-084-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16508) – (B-30) Retaining Wall Stem Between Points (1-3) / Al-Mutilla Reservoir	Concrete	April 17, 2016	April 25, 2016	A



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93	TEST-15-00010-MTR-085-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16538) – (A1(35MPaC))) columns above Level (1) and Stair Case Between Level (1) & (2) / Al-Mutilla Reservoir	Concrete	April 17, 2016	April 25, 2016	A
94	TEST-15-00010-KFR-086-A	07-Days Concrete Compressive Strength Test Reports(BM/CT/16529) – (B-30) Footing of Retaining Wall Between Points (3-7) & (1-2) of Kuferit Reservoir	Concrete	April 17, 2016	April 25, 2016	A
95	TEST-15-00010-KFR-087-A	Test Report for FDT (field Density Test) Sub –Grade (ST/FD/16175), (ST/16155) – at Kuferit Reservoir Area=127m2	FDT	April 17, 2016	April 25, 2016	C
96	TEST-15-00010-SWJ-088-A	Test Report for Sand equivalent (Silica Sand /Concrete Fine Aggregate) (BM/QC/16031) – at University Concrete Factory	Silica sand	April 17, 2016	April 25, 2016	A
97	TEST-15-00010-SWJ-089-A	Test Report for Sand equivalent (Silica Sand /Concrete Fine Aggregate) (BM/QC/16035) – at University Concrete Factory	Silica sand	April 17, 2016	April 25, 2016	A
98	TEST-15-00010-SWJ-090-A	Test Report for Sand equivalent (Silica Sand /Concrete Fine Aggregate) (BM/QC/16036) – at University Concrete Factory	Silica sand	April 17, 2016	April 25, 2016	A
99	TEST-15-00010-SWJ-091-A	Test Report for Sand equivalent (Silica Sand /Concrete Fine Aggregate) (BM/QC/16037) – at University Concrete Factory	Silica sand	April 17, 2016	April 25, 2016	A
100	TEST-15-00010-SWJ-092-A	Test Report for Sand equivalent (Silica Sand /Concrete Fine Aggregate) (BM/QC/16042) – at University Concrete Factory	Silica sand	April 17, 2016	April 25, 2016	A
101	TEST-15-00010-SWJ-093-A	Test Report for Sand equivalent (Silica Sand /Concrete Fine Aggregate) (BM/QC/16045) – at University Concrete Factory	Silica sand	April 17, 2016	April 25, 2016	A
102	TEST-15-00010-SWJ-094-A	Test Report for Sand equivalent (Crashed Lime Stone Aggregates /Somsom Size) (BM/QC/16056) – at University Concrete Factory	Silica sand	April 17, 2016	April 25, 2016	A
103	TEST-15-00010-SWJ-095-A	Test Report for Sand equivalent (Silica Sand /Concrete Fine Aggregate) (BM/QC/16055) – at University Concrete Factory	Silica sand	April 17, 2016	April 25, 2016	A
104	TEST-15-00010-SWJ-096-A	Test Report for Sand equivalent (Silica Sand /Concrete Fine aggregate) (BM/QC/16041) – at Me'mar Concrete Factory	Silica sand	April 17, 2016	April 25, 2016	A
105	TEST-15-00010-SWJ-097-A	Test Report for Sand equivalent (Silica Sand /Concrete Fine aggregate) (BM/QC/16053) – at Me'mar Concrete Factory	Silica sand	April 17, 2016	April 25, 2016	A
106	TEST-15-00010-SWJ-098-A	Test Report for Sand equivalent (Silica Sand /Concrete Fine aggregate) (BM/QC/16054) – at Me'mar Concrete Factory	Silica sand	April 17, 2016	April 25, 2016	A
107	TEST-15-00010-SWJ-099-A	Test Report for Concrete Aggregates /Quality Verification Test (Concrete Coarse and fine Aggregates /Somsom Size, Adas size & Foul size) (BM/QC/16046) – at University Concrete Factory	Concrete Aggregates	April 17, 2016	April 25, 2016	A
108	TEST-15-00010-KFR-100-A	Test Report - reinforcement deformed steel Bars Ø16 Report # (BM/STL/16016) At Kuferit Reservoir □	Concrete Aggregates	April 17, 2016	April 25, 2016	A



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	109	TEST-15-00010-SWJ-101-A	Test Report for Sand Equivalent (Silica Sand /Concrete Fine aggregate) (BM/QC/16059) – at University Concrete Factory	Sand	April 21, 2016	April 25, 2016	A
	110	TEST-15-00010-SWJ-102-A	Test Report for Sand Equivalent (Crashed Lime Stone Aggregates /Somsom Size) (BM/QC/16061) – at Yabad Concrete Factory	Sand	April 21, 2016	April 25, 2016	A
	111	TEST-15-00010-SWJ-103-A	Test Report for Ordinary Portland Cement (Nasher) (BM/PC/16020) – (Nasher Company)	Cement	April 21, 2016	April 25, 2016	A
	112	TEST-15-00010-JLR-104-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16505) – (B-20) Blinding Concrete Below Slab on – Grade (A=210m2) /Jalqamus Reservoir	Concrete	April 26, 2016	April 28, 2016	A
	113	TEST-15-00010-JLR-105-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16500) – (B-30) Stem of Boundary Wall Between Points (4-5)and Footing of Boundary Wall Between Points (2-3) / Jalqamus Reservoir	Concrete	April 26, 2016	May 8, 2016	A
	114	TEST-15-00010-JLR-106-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16520) – (B-30) Retaining Wall Between Points (1-2) / Jalqamus Reservoir	Concrete	April 26, 2016	April 28, 2016	C
	115	TEST-15-00010-JLR-107-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16598) – (B-30) Retaining Wall Between Points (2-3) / Jalqamus Reservoir	Concrete	April 26, 2016	April 28, 2016	A
	116	TEST-15-00010-KFR-108-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16493) – (B-20) Lean Concrete for Concrete Wall Through Points (1,2,3,4,5,6,7) of Kuferit Reservoir	Concrete	April 26, 2016	April 28, 2016	A
	117	TEST-15-00010-KFR-109-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16499) – (B-30) Footing of Retaining Wall Between Points (4-5) of Kuferit Reservoir	Concrete	April 26, 2016	May 8, 2016	A
	118	TEST-15-00010-JLR-110-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16584) – (A1(35MPa (C))) footing of Jalqamus Reservoir	Concrete	April 26, 2016	April 28, 2016	C
	119	TEST-15-00010-KFR-111-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16585) – (B-30) Stem of Retaining Wall section (1-5) Between Points (2-3) length = 21m of Kuferit Reservoir	Concrete	April 26, 2016	April 28, 2016	A
	120	TEST-15-00010-KFR-112-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16616) – (B-30) Retaining Wall Between Points (6-7) and wash out of Kuferit Reservoir	Concrete	April 26, 2016	April 28, 2016	A
	121	TEST-15-00010-MTR-113-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16508) – (B-30) Retaining Wall Stem Between Points (1-3) / Al-Mutilla Reservoir	Concrete	April 26, 2016	April 28, 2016	A



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	122	TEST-15-00010-MTR-114-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16592) – (A1(35 MPa (C))) Beams at Second Level and Stairs Between Second Land to Second Level / Al-Mutilla Reservoir	Concrete	April 26, 2016	April 28, 2016	A
	123	TEST-15-00010-ARR-115-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16491) – (B-20) Lean concrete Under Reservoir Floor Slab (A = 380 m2) Arraba Reservoir	Concrete	April 26, 2016	April 28, 2016	A
	124	TEST-15-00010-SWJ-116-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16586) – (B-30) Field Trial Mix at Yabad ready Mix Concrete Plant □	Concrete	April 26, 2016	April 28, 2016	A
	125	TEST-15-00010-SWJ-117-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16615) – (A1(35 MPa (C))) Ready Mix Normal Concrete at Yabad Ready Mix Concrete Plant □	Concrete	April 26, 2016	April 28, 2016	A
	126	TEST-15-00010-KFR-118-A	Test Report for FDT (field Density Test) Base Course (ST/FD/16185), (ST/FD/16223), (ST/16150) – at Kuferit Reservoir Area=130m2 / Inside Ring / Below slab On – Grade	FDT	May 1, 2016	May 26, 2016	A
	127	TEST-15-00010-SWJ-119-A	6 Inch Full Quality Report,(BM/CT/16670), (BM/QC/16075)		May 8, 2016	May 26, 2016	A
	128	Test-15-00010-KFR-120-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16529) – (B-30) Footing of Retaining Wall Between Points (3-7) & (1-2) Kuferit Reservoir □	Concrete	May 19, 2016	May 26, 2016	A
	129	Test-15-00010-MTR-121-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16538) – (A1(35MPaC)) Columns above Level (1)and Stair Case between (Level (1) & Land(2)) Al Mutilla Reservoir □	Concrete	May 19, 2016	May 26, 2016	A
	130	Test-15-00010-ARR-122-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16571) – (A1(35MPaC)) Base of the Arraba Reservoir (2000 m3) □	Concrete	May 19, 2016	May 26, 2016	A
	131	Test-15-00010-JLR-123-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16583) – (B-30) Retaining Wall Between Points(2-3) of Jalqamous Reservoir	Concrete	May 19, 2016	May 26, 2016	A
	132	Test-15-00010-JLR-124-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16584) – (A1(35MPa(C))) Footings of Jalqamous Reservoir	Concrete	May 19, 2016	May 26, 2016	A
	133	Test-15-00010-KFR-125-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16585) – (B-30) Stem of Retaining Wall Section (1-5)Between Points(2-3) Length=21m Kuferit Reservoir	Concrete	May 19, 2016	May 26, 2016	A
	134	Test-15-00010-MTR-126-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16592) – (A1(35MPaC)) Beams at Second Level and Stairs Between Second Land to Second Level Al Mutilla Reservoir	Concrete	May 19, 2016	May 26, 2016	A
	135	TEST-15-00010-MTR-127-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16632) – (Type A1) trial for Foundation Al Mutilla Reservoir	Concrete	May 19, 2016	May 26, 2016	A
	136	Test-15-00010-MTR-128-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16631) – (A1(fc'=35MPa)) Columns at third level and Stairs Between Third Level to Third Land Al Mutilla Reservoir	Concrete	May 19, 2016	May 26, 2016	A



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	137	Test-15-00010-ARR-129-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16632) – (B-20) Lean Concrete for Boundary Wall Between Points (5-8) Arraba Reservoir	Concrete	May 19, 2016	May 26, 2016	A
	138	Test-15-00010-ARR-130-A	07-Days Concrete Compressive Strength Test Reports(BM/CT/16671) – (B-20) Boundary Wall Foundation Between Points (5-8) Arraba Reservoir	Concrete	May 19, 2016	May 26, 2016	A
	139	Test-15-00010-KFR-131-A	07-Days Concrete Compressive Strength Test Reports(BM/CT/16681) – (B-30) Retaining Wall Between Points (1-7) Kuferit Reservoir	Concrete	May 19, 2016	May 26, 2016	A
	140	Test-15-00010-MTR-132-A	07-Days Concrete Compressive Strength Test Reports(BM/CT/16688) – (35A1(MPa(C))) Beams at Level (3) Al Mutilla Reservoir	Concrete	May 19, 2016	May 26, 2016	A
	141	Test-15-00010-JLR-133-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16691) – (A1(35MPa(C))) Columns of the Reservoir Jalqamus Reservoir	Concrete	May 19, 2016	May 26, 2016	A
	142	Test-15-00010-SWJ-134-A	Test Report for Sand Equivalent (Silica Sand/Concrete Fine Aggregate) (BM/QC/16064) at University Concrete Factory □	Silica sand	May 19, 2016	May 26, 2016	A
	143	Test-15-00010-SWJ-135-A	Test Report for Sand Equivalent (Silica Sand/Concrete Fine Aggregate) (BM/QC/16068) at University Concrete Factory □	Silica sand	May 19, 2016	May 26, 2016	A
	144	Test-15-00010-SWJ-136-A	Test Report for Sand Equivalent (Silica Sand/Concrete Fine Aggregate) (BM/QC/16082) at Ya'bad Concrete Factory □	Silica sand	May 19, 2016	May 26, 2016	A
	145	Test-15-00010-SWJ-137-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16586) – (B-30) Field Trial Mix at Yabad Ready Mix Concrete Plant	Concrete	May 19, 2016	May 26, 2016	A
	146	Test-15-00010-SWJ-138-A	Test Report for Aggregate (BM/QC/16079) Storage Yard at Jalqamus Reservoir □	Aggregate	May 19, 2016	May 26, 2016	A
	147	Test-15-00010-SWJ-139-A	Test Report for Bedding Material Aggregate (BM/QC/16078) Storage Yard at Jalqamus Reservoir □	Aggregate	May 19, 2016	May 26, 2016	A
	148	Test-15-00010-ARR-140-A	28-Days Concrete Compressive Strength Test Reports(BM/CT/16632) – (B-20) Lean Concrete for Boundary Wall Between Points (5-8)Arraba Reservoir □	Concrete	May 29, 2016	May 31, 2016	A
	149	Test-15-00010-ARR-141-A	28-Days Concrete Compressive Strength Test Reports(BM/CT/16671) – (B-30) Boundary Wall Foundation Between Points (5-8) Arraba Reservoir	Concrete	May 29, 2016	May 31, 2016	A
	150	Test-15-00010-ARR-142-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16492) – (B-30) Boundary Wall Stem between Points (8-9)/ Arraba Reservoir	Concrete	May 29, 2016	May 31, 2016	A
	151	Test-15-00010-ARR-143-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16759) – (B-30) Boundary Wall between Points (5-8)/ Arraba Reservoir	Concrete	May 29, 2016	May 31, 2016	A
	152	Test-15-00010-ARR-144-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16823) – (A1 (35MPa)) Walls of the reservoir /first stage / Arraba Reservoir	Concrete	May 29, 2016	May 31, 2016	A



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153	Test-15-00010-ARR-145-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16749) – (A1(35MPa)) Columns of Arraba Reservoir	Concrete	May 29, 2016	May 31, 2016	A
154	TEST-15-00010-KFR-146-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16746) – (B-20) Blinding concrete for Retaining Wall Between Points (2-7) of Ajja Reservoir	Concrete	May 29, 2016	May 31, 2016	A
155	TEST-15-00010-AJR-147-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16811) – (B-20) Lean concrete Under for Retaining Wall Between Points (3-5) of Ajja Reservoir	Concrete	May 29, 2016	May 31, 2016	A
156	TEST-15-00010-AJR-148-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16750) – (B-30) Footing of Retaining Wall Between Points (1-2) & (1-7) of Ajja Reservoir	Concrete	May 29, 2016	May 31, 2016	A
157	TEST-15-00010-AJR-149-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16781) – (B-30) Retaining Wall Between Points (1-7) L= 10.5m & (1-2)L=10m and footing of boundary wall between points (1-2)L=8.5m of Ajja Reservoir	Concrete	May 29, 2016	May 31, 2016	A
158	TEST-15-00010-AJR-150-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16818) – (B-30) Retaining Wall Between Points (1-7) /Stage 2 of Ajja Reservoir	Concrete	May 29, 2016	May 31, 2016	A
159	TEST-15-00010-KFR-151-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16616) – (B-30) Retaining Wall Between Points (6-7) and wash out of Kuferit Reservoir	Concrete	May 30, 2016	June 8, 2016	A
160	TEST-15-00010-KFR-152-A	28-Days Concrete Compressive Strength Test Reports(BM/CT/16681) – (B-30) Retaining Wall Between Points (1-7) Kuferit Reservoir	Concrete	May 30, 2016	June 8, 2016	A
161	TEST-15-00010-KFR-153-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16773) – (B-20) Lean concrete under reservoir floor slab of Kuferit Reservoir	Concrete	May 30, 2016	June 8, 2016	A
162	TEST-15-00010-KFR-154-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16760) – (B-30) Retaining Wall Between Points (1-7) second stage of Kuferit Reservoir	Concrete	May 30, 2016	June 8, 2016	A
163	TEST-15-00010-KFR-155-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16748) – (B-30) Retaining Wall Between Points (3-6) of Kuferit Reservoir	Concrete	May 30, 2016	June 8, 2016	A
164	TEST-15-00010-JLR-156-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16745) – (A1(35MPa (C))) Walls of the reservoir /first stage of Jalqamus Reservoir	Concrete	May 30, 2016	June 8, 2016	A
165	TEST-15-00010-JLR-157-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16822) – (A1(35MPa (C))) Walls of the reservoir /second stage of Jalqamus Reservoir	Concrete	May 30, 2016	June 8, 2016	A
166	TEST-15-00010-JLR-158-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16691) – (A1(35MPa(C))) Columns of the Reservoir Jalqamus Reservoir	Concrete	May 30, 2016	June 8, 2016	A
167	TEST-15-00010-MTR-159-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16688) – (35A1(MPa(C))) Beams at Level (3) Al Mutilla Reservoir	Concrete	May 30, 2016	June 8, 2016	A
168	TEST-15-00010-MTR-160-A	28-Days Concrete Compressive Strength Test Reports (BM/CT/16631) – (A1(fc'=35MPa)) Columns at third level and Stairs Between Third Level to Third Land Al Mutilla Reservoir	Concrete	May 30, 2016	June 8, 2016	A



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169	TEST-15-00010-MTR-161-A	07-Days Concrete Compressive Strength Test Reports (BM/CT/16812) – (A1(fc'=35MPa)) Columns of level four and Stairs case Between (beams of level 3 and level 4) at Al Mutilla Reservoir	Concrete	May 30, 2016	June 8, 2016	A



Annex I - Submittals Data



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1	SUB-15-00010-SWJ-001-A	Engineers Primary Field Office Layout	Pre-Construction	November 11, 2015	November 22, 2015	B
2	SUB-15-00010-SWJ-002-A	Steel Pipes (6", 8" and 10") - FIP	Material-Mec	November 11, 2015	November 30, 2015	C
3	SUB-15-00010-SWJ-001-A	Engineers Primary Field Office Layout	Pre-Construction	November 11, 2015	December 8, 2015	B
4	SUB-15-00010-SWJ-002-A	Steel Pipes (6", 8" and 10") - FIP	Material-Mec	November 11, 2015	December 16, 2015	C
5	SUB-15-00010-SWJ-001-A	Engineers Primary Field Office Layout	Pre-Construction	November 11, 2015	December 24, 2015	B
6	SUB-15-00010-SWJ-004-A	Field Offices Computer System	Pre-Construction	November 11, 2015	December 6, 2015	B
7	SUB-15-00010-SWJ-005-A	Field Offices Furniture's System	Pre-Construction	November 11, 2015	November 23, 2015	B
8	SUB-15-00010-SWJ-006-A	Scheduling Qualification	Pre-Construction	November 11, 2015	November 22, 2015	A
9	SUB-15-00010-SWJ-007-A	Performance and Maintenance Guarantee	Pre-Construction	November 17, 2015	November 22, 2015	E
10	SUB-15-00010-SWJ-008-A	Temporary Project Signs	Pre-Construction	November 17, 2015	November 22, 2015	B
11	SUB-15-00010-SWJ-009-A	Safety Plan	Pre-Construction	December 15, 2015	December 29, 2015	B
12	SUB-15-00010-SWJ-010-A	Quality Control Program Plan-QCP	Pre-Construction	November 24, 2015	December 6, 2015	C
13	SUB-15-00010-SWJ-010-B	Quality Control Program Plan-QCP	Pre-Construction	December 13, 2015	December 21, 2015	B
14	SUB-15-00010-SWJ-011-A	Excavation and Trenching Safety Plan	Pre-Construction	November 24, 2015	December 6, 2015	C
15	SUB-15-00010-SWJ-011-B	Excavation and Trenching Safety Plan	Pre-Construction	December 13, 2015	December 21, 2015	A
16	SUB-15-00010-SWJ-012-A	Submittal Schedule	Pre-Construction	November 24, 2015	December 8, 2015	B
17	SUB-15-00010-SWJ-013-A	List of License and Permits	Pre-Construction	November 24, 2015	December 6, 2015	C
18	SUB-15-00010-SWJ-013-B	List of License and Permits	Pre-Construction	December 13, 2015	December 21, 2015	A
19	SUB-15-00010-SWJ-014-A	Link Seal Material	Material-CPS	November 24, 2015	December 1, 2015	B
20	SUB-15-00010-SWJ-015-A	High Potential Magnesium Anodes	Material-CPS	November 24, 2015	December 1, 2015	B



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21	SUB-15-00010-SWJ-016-A	Test Station for Cathodic Protection	Material-CPS	November 24, 2015	December 1, 2015	B
22	SUB-15-00010-SWJ-017-A	Cathodic Protection System Consumables	Material-CPS	November 24, 2015	December 1, 2015	C
23	SUB-15-00010-SWJ-018-A	Anodes Installation Method Statement	Method Statement	November 24, 2015	December 9, 2015	B
24	SUB-15-00010-MTR-019-A	Site Layout for AL Mutilla Reservoir	Shop Drawing	November 24, 2015	December 6, 2015	B
25	SUB-15-00010-JLR-020-A	Site Layout for Jalqamus Reservoir	Shop Drawing	November 24, 2015	December 6, 2015	B
26	SUB-15-00010-SWJ-021-A	Environmental Mitigation and Monitoring Plan-SWJ	Pre-Construction	November 24, 2015	December 13, 2015	C
27	SUB-15-00010-SWJ-021-B	Environmental Mitigation and Monitoring Plan(EMMP)	Pre-Construction	December 20, 2015	January 7, 2016	B
28	SUB-15-00010-SWJ-022-A	Construction Risk Management Program	Pre-Construction	November 24, 2015	December 6, 2015	C
29	SUB-15-00010-SWJ-022-B	Construction Risk Management Program	Pre-Construction	December 14, 2015	January 13, 2016	A
30	SUB-15-00010-SWJ-023-A	Steel Reinforcement manufacture's Data	Pre-Construction	November 24, 2015	December 8, 2015	C
31	SUB-15-00010-SWJ-023-B	Steel Reinforcement manufacture's Data	Pre-Construction	December 21, 2015	January 13, 2016	A
32	SUB-15-00010-SWJ-024-A	Testing Laboratory CV's	Pre-Construction	November 24, 2015	December 6, 2015	C
33	SUB-15-00010-SWJ-024-B	Testing Laboratory CV's	Pre-Construction	December 13, 2015	December 21, 2015	B
34	SUB-15-00010-SWJ-025-A	Concrete Batch Plants	Pre-Construction	November 24, 2015	December 14, 2015	C
35	SUB-15-00010-SWJ-025-B	Concrete Batch Plants	Pre-Construction	April 12, 2016	April 18, 2016	A
36	SUB-15-00010-SWJ-026-A	ALKarmel Concrete Mix Design	Pre-Construction	November 24, 2015	December 1, 2015	B
37	SUB-15-00010-SWJ-026-B	ALKarmel Concrete Mix Design	Pre-Construction	January 19, 2016	January 27, 2016	A
38	SUB-15-00010-SWJ-027-A	Subcontractor Profile	Pre-Construction	November 24, 2015	November 29, 2015	E
39	SUB-15-00010-SWJ-028-A	Preliminary Progress Schedule Submittal (60 Day Plan of Operation)	Pre-Construction	November 24, 2015	December 6, 2015	B
40	SUB-15-00010-MTR-029-A	AL Mutilla Reservoir Structural Shop Drawings	Shop Drawing	November 24, 2015	December 22, 2015	C



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41	SUB-15-00010-MTR-029-B	AL Mutilla Reservoir Structural Shop Drawings	Shop Drawing	December 27, 2015	January 17, 2016	B
42	SUB-15-00010-MTR-029-C	AL Mutilla Reservoir Structural Shop Drawings-For Construction	Shop Drawing	January 18, 2016	January 27, 2016	A
43	SUB-15-00010-SWJ-030-A	Temporary Project Signs-Graphical Sign Sample	Sample	November 24, 2015	December 14, 2015	A
44	SUB-15-00010-SWJ-031-A	Copy of Insurance Certificate	Pre-Construction	December 7, 2015	December 16, 2015	E
45	SUB-15-00010-SWJ-032-A	Dumping Area	Pre-Construction	December 7, 2015	December 21, 2015	B
46	SUB-15-00010-SWJ-033-A	Storage Yard	Pre-Construction	December 7, 2015	December 21, 2015	B
47	SUB-15-00010-ARR-034-A	Arraba Reservoir Site Layout	Shop Drawing	December 7, 2015	December 13, 2015	C
48	SUB-15-00010-ARR-034-B	Arraba Reservoir Site Layout	Shop Drawing	December 15, 2015	January 13, 2016	C
49	SUB-15-00010-ARR-034-C	Arraba Reservoir Site Layout	Shop Drawing	February 10, 2016	February 17, 2016	A
50	SUB-15-00010-JLR-035-A	Jalqamus Reservoir Access Road Shop Drawings	Shop Drawing	December 7, 2015	December 29, 2015	C
51	SUB-15-00010-JLR-035-B	Jalqamus Reservoir Access Road Shop Drawings	Shop Drawing	December 30, 2015	January 27, 2016	B
52	SUB-15-00010-JLR-036-A	Jalqamus Double Trench Pipelines (6" Pipes)	Method Statement	December 6, 2015	December 13, 2015	B
53	SUB-15-00010-SWJ-037-A	Cell Phones & SIM	Material-Mec	December 8, 2015	December 21, 2015	E
54	SUB-15-00010-SWJ-038-A	Temporary Project Signs Locations	Pre-Construction	December 14, 2015	December 21, 2015	A
55	SUB-15-00010-SMT-039-A	Diagnostics Survey (sanitary-ventilation main transmission line)	Pre-Construction	December 14, 2015	December 28, 2015	A
56	SUB-15-00010-SWJ-040-A	Coordination With Local Authorities(Letters to Local Authorities)	Pre-Construction	December 14, 2015	January 7, 2016	A
57	SUB-15-00010-JLR-041-A	Proposed Site Layout for Jalqamus Reservoir	Shop Drawing	December 14, 2015	December 28, 2015	C
58	SUB-15-00010-JLR-041-B	Proposed Site Layout for Jalqamus Reservoir	Shop Drawing	December 29, 2015	January 19, 2016	C
59	SUB-15-00010-JLR-041-C	Proposed Site Layout for Jalqamus Reservoir	Shop Drawing	January 20, 2016	February 17, 2016	B
60	SUB-15-00010-MTR-042-A	Proposed Site Layout for Al Mutilla Elevated Reservoir	Shop Drawing	December 14, 2015	December 28, 2015	C



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No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
61	SUB-15-00010-MTR-042-B	Proposed Site Layout for Al Mutilla Elevated Reservoir	Shop Drawing	December 30, 2015	January 19, 2016	C
62	SUB-15-00010-MTR-042-C	Proposed Site Layout for Al Mutilla Elevated Reservoir	Shop Drawing	January 24, 2016	January 27, 2016	A
63	SUB-15-00010-MTB-043-A	Site Layout for Al Mutilla Booster Station	Shop Drawing	December 14, 2015	January 11, 2016	C
64	SUB-15-00010-MTB-043-B	Site Layout for Al Mutilla Booster Station	Shop Drawing	January 14, 2016	January 27, 2016	B
65	SUB-15-00010-MTB-043-C	Site Layout for Al Mutilla Booster Station-For Construction	Shop Drawing	February 1, 2016	February 7, 2016	A
66	SUB-15-00010-KFR-044-A	Site Layout for Kufeirit Reservoir	Shop Drawing	December 14, 2015	January 11, 2016	C
67	SUB-15-00010-KFR-044-B	Site Layout for Kufeirit Reservoir	Shop Drawing	January 20, 2016	January 12, 2016	Retracted
68	SUB-15-00010-KFR-044-B	Site Layout for Kufeirit Reservoir	Shop Drawing	February 2, 2016	February 23, 2016	B
69	SUB-15-00010-SWJ-045-A	Pressure Gauage and Snubbers-WIKA	Material-Mec	December 14, 2015	January 10, 2016	B
70	SUB-15-00010-SWJ-046-A	Check Valves-A.R.I	Material-Mec	December 14, 2015	January 11, 2016	A
71	SUB-15-00010-SWJ-047-A	1" & 2" Combination Air Release Valve-A.R.I	Material-Mec	December 14, 2015	December 30, 2015	B
72	SUB-15-00010-SWJ-048-A	3" & 4" Combination Air Release Valve-A.R.I	Material-Mec	December 14, 2015	January 7, 2016	B
73	SUB-15-00010-SWJ-049-A	KSB Ball Valves DN50 7 Smaller	Material-Mec	December 14, 2015	January 7, 2016	C
74	SUB-15-00010-SWJ-049-B	KSB Ball Valves DN50 7 Smaller	Material-Mec	January 20, 2016	February 7, 2016	A
75	SUB-15-00010-SWJ-050-A	Flange Insulation Kit (SGM)	Material-Mec	December 14, 2015	January 7, 2016	C
76	SUB-15-00010-SWJ-050-B	Flange Insulation Kit (SGM)	Material-Mec	January 20, 2016	February 7, 2016	A
77	SUB-15-00010-SWJ-051-A	Perforated Pipes	Material-Mec	December 14, 2015	January 13, 2016	A
78	SUB-15-00010-SWJ-052-A	Ventilation Pipes Sh40 Seamless	Material-Mec	December 14, 2015	January 7, 2016	B
79	SUB-15-00010-SWJ-053-A	Silent Check Valves	Material-Mec	December 14, 2015	January 13, 2016	A
80	SUB-15-00010-SWJ-054-A	Booster Pumps/KSB	Material-Mec	December 14, 2015	January 7, 2016	C



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81	SUB-15-00010-SWJ-054-B	Booster Pumps/KSB	Material-Mec	February 1, 2016	February 25, 2016	C
82	SUB-15-00010-SWJ-054-C	Booster Pumps/KSB	Material-Mec	March 27, 2016	March 31, 2016	Retracted
83	SUB-15-00010-SWJ-054-C	Booster Pumps/KSB	Material-Mec	April 12, 2016	April 27, 2016	B
84	SUB-15-00010-SWJ-055-A	Electromagnet Flowmeters/DC(Siemens/MAG 8000)	Material-Elec	December 14, 2015	January 13, 2016	C
85	SUB-15-00010-SWJ-056-A	Electromagnet Flowmeters/AC(Siemens/MAG 31000)	Material-Elec	December 14, 2015	January 13, 2016	D
86	SUB-15-00010-SWJ-057-A	Pressure Level Transmitter Siemens	Material-Elec	December 14, 2015	January 7, 2016	C
87	SUB-15-00010-SWJ-058-A	Pressure Indicating Transmitter/Siemens	Material-Elec	December 14, 2015	January 9, 2016	C
88	SUB-15-00010-SWJ-059-A	Float Level Switch (Magentrol/T10 Float Level Switch)	Material-Elec	December 14, 2015	January 7, 2016	A
89	SUB-15-00010-SWJ-060-A	Pressure Switch/Beta	Material-Elec	December 14, 2015	January 7, 2016	C
90	SUB-15-00010-SWJ-061-A	Lightning Surge Arrestor (MTL Surge Technology/TP48 Series)	Material-Elec	December 15, 2015	January 7, 2016	B
91	SUB-15-00010-SWJ-062-A	Pressure Differential Switch-Ashcroft	Material-Elec	December 15, 2015	January 13, 2016	C
92	SUB-15-00010-SWJ-063-A	Lighting Surge Arrestor Cabinet (MTL Instruments/SD32X)	Material-Elec	December 15, 2015	January 7, 2016	A
93	SUB-15-00010-SWJ-064-A	Bolts, Washers and Nuts	Material-Mec	December 15, 2015	January 7, 2016	A
94	SUB-15-00010-SWJ-065-A	Strainer/ Y-Type	Material-Mec	December 15, 2015	January 13, 2016	C
95	SUB-15-00010-SWJ-065-B	Strainer/ Y-Type	Material-Mec	February 21, 2016	February 28, 2016	C
96	SUB-15-00010-SWJ-065-C	Strainer/ Y-Type	Material-Mec	March 9, 2016	March 13, 2016	B
97	SUB-15-00010-SWJ-066-A	Dismantling Joint-Unijoint	Material-Mec	December 15, 2015	January 13, 2016	A
98	SUB-15-00010-SWJ-067-A	Expansion Joint/MID CORR	Material-Mec	December 15, 2015	January 7, 2016	C
99	SUB-15-00010-SWJ-067-B	Expansion Joint/MID CORR	Material-Mec	January 20, 2016	February 7, 2016	A



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No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
100	SUB-15-00010-SWJ-068-A	Mechanical Coupling/FlexLock	Material-Mec	December 15, 2015	December 29, 2015	C
101	SUB-15-00010-SWJ-068-B	Mechanical Coupling/FlexLock	Material-Mec	April 12, 2016	April 18, 2016	E
102	SUB-15-00010-SWJ-069-A	Welding Procedure	Method Statement	December 15, 2015	December 21, 2015	C
103	SUB-15-00010-SWJ-069-B	Welding Procedure	Method Statement	February 25, 2016	February 29, 2016	A
104	SUB-15-00010-SWJ-070-A	Method Statement For Repairing Pipes Cement Mortar	Method Statement	December 15, 2015	January 4, 2016	B
105	SUB-15-00010-SWJ-071-A	Root, Fill and Cap Stainless Steel Welding Procedure and Stainless Steel spool	Method Statement	December 15, 2015	January 13, 2016	C
106	SUB-15-00010-SWJ-071-B	Root, Fill and Cap Stainless Steel Welding Procedure and Stainless Steel spool	Method Statement	February 24, 2016	March 3, 2016	A
107	SUB-15-00010-SWJ-072-A	Sanour-Meithalon Transmission Pipeline(10")Plan,Profile & Typical Section From STA:0+000 to sta:1+600	Shop Drawing	December 15, 2015	January 7, 2016	C
108	SUB-15-00010-SWJ-072-B	Sanour-Meithalon Transmission Pipeline(10")Plan,Profile & Typical Section From STA:0+000 to sta:1+600	Shop Drawing	January 9, 2016	January 27, 2016	B
109	SUB-15-00010-SWJ-072-C	Sanour-Meithalon Transmission Pipeline(10")Plan,Profile & Typical Section From STA:0+000 to sta:1+601-For Construction	Shop Drawing	January 31, 2016	February 16, 2016	A
110	SUB-15-00010-SWJ-073-A	Flanged Gate Valve with Actuator / PN16/PN25/PN40	Material-Mec	December 15, 2015	January 4, 2016	C
111	SUB-15-00010-SWJ-073-B	Flanged Gate Valve with Actuator / PN16/PN25/PN40	Material-Mec	January 6, 2016	January 27, 2016	C
112	SUB-15-00010-SWJ-073-C	Flanged Gate Valve with Actuator / PN16/PN25/PN41	Material-Mec	February 1, 2016	February 11, 2016	A
113	SUB-15-00010-SWJ-074-A	Flap Valve	Material-Mec	December 13, 2015	January 4, 2016	A
114	SUB-15-00010-SWJ-075-A	Flange Gasket AFM 34	Material-Mec	December 13, 2015	January 5, 2016	C
115	SUB-15-00010-SWJ-075-B	Flange Gasket AFM 34	Material-Mec	January 24, 2016	February 7, 2016	A
116	SUB-15-00010-SWJ-076-A	General Construction Method Statement	Method Statement	December 15, 2015	January 13, 2016	A
117	SUB-15-00010-SWJ-077-A	Original CPM Schedule Submittal	Pre-Construction	December 15, 2015	January 10, 2016	C
118	SUB-15-00010-SWJ-077-B	Original CPM Schedule Submittal	Pre-Construction	January 20, 2016	February 7, 2016	C



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119	SUB-15-00010-SWJ-077-C	Original CPM Schedule Submittal	Pre-Construction	February 15, 2016	February 23, 2016	A
120	SUB-15-00010-ARR-078-A	2000 m3 Arraba Reservoir Structural Shop Drawings	Shop Drawing	December 16, 2015	January 11, 2016	C
121	SUB-15-00010-ARR-078-B	2000 m3 Arraba Reservoir Structural Shop Drawings	Shop Drawing	January 12, 2016	February 1, 2016	C
122	SUB-15-00010-ARR-078-C	2000 m3 Arraba Reservoir Structural Shop Drawings	Shop Drawing	February 8, 2016	February 28, 2016	B
123	SUB-15-00010-ARR-078-D	2000 m3 Arraba Reservoir Structural Shop Drawings-For Construction	Shop Drawing	February 29, 2016	March 3, 2016	A
124	SUB-15-00010-JLR-079-A	Shop Drawing for Retaining Wall ST. 0+069.5 To ST. 0+164.4 RHS at Jalqamus Access Road	Shop Drawing	December 16, 2015	December 28, 2015	B
125	SUB-15-00010-SWJ-080-A	Colored PVC Pipes-Conduit for Power and Light	Material-Elec	December 16, 2015	January 7, 2016	C
126	SUB-15-00010-SWJ-080-B	Colored PVC Pipes-Conduit for Power and Light	Material-Elec	April 12, 2016	April 19, 2016	E
127	SUB-15-00010-SWJ-081-A	Electrical Conduits PVC Pipes & Fittings	Material-Elec	December 16, 2015	January 7, 2016	C
128	SUB-15-00010-SWJ-081-B	Electrical Conduits PVC Pipes & Fittings	Material-Elec	January 9, 2016	January 20, 2016	A
129	SUB-15-00010-SWJ-082-A	Electrical Conduits-Steel Pipes	Material-Elec	December 16, 2015	January 7, 2016	A
130	SUB-15-00010-SWJ-083-A	PVC Coated Flexible Steel Pipe/Teleflex Electrical Flexible Conduits	Material-Elec	December 16, 2015	January 7, 2016	B
131	SUB-15-00010-SWJ-084-A	Grounding System Material	Material-Elec	December 16, 2015	January 7, 2016	C
132	SUB-15-00010-SWJ-084-B	Grounding System Material	Material-Elec	January 10, 2016	February 1, 2016	A
133	SUB-15-00010-SWJ-085-A	Power Cables	Material-Elec	December 16, 2015	January 7, 2016	C
134	SUB-15-00010-SWJ-086-A	Lighting Poles (Lighting Fixtures & Poles)	Material-Elec	December 16, 2015	January 7, 2016	C
135	SUB-15-00010-SWJ-086-B	Lighting Poles (Lighting Fixtures & Poles)	Material-Elec	January 27, 2016	February 14, 2016	A
136	SUB-15-00010-SWJ-087-A	Traffic Control Plan	Pre-Construction	December 17, 2015	December 28, 2015	C
137	SUB-15-00010-SWJ-087-B	Traffic Control Plan	Pre-Construction	February 29, 2016		Retracted
138	SUB-15-00010-SWJ-087-B	Traffic Control Plan	Pre-Construction	March 10, 2016	April 5, 2016	B
139	SUB-15-00010-ARR-088-A	Shop Drawing For Retaining Wall For Arraba Reservoir	Shop Drawing	December 17, 2015	January 5, 2016	C
140	SUB-15-00010-ARR-088-B	Shop Drawing For Retaining Wall For Arraba Reservoir	Shop Drawing	January 7, 2016	January 19, 2016	B
141	SUB-15-00010-ARR-088-C	Shop Drawing For Retaining Wall For Arraba Reservoir-(For Construction)	Shop Drawing	January 19, 2016	January 27, 2016	A
142	SUB-15-00010-MTR-089-A	Shop Drawing for Retaining Wall for Al Mutilla Reservoir	Shop Drawing	December 17, 2015	January 5, 2016	C
143	SUB-15-00010-MTR-089-B	Shop Drawing for Retaining Wall for Al Mutilla Reservoir	Shop Drawing	January 7, 2016	January 19, 2016	B
144	SUB-15-00010-MTR-089-C	Shop Drawing for Retaining Wall for Al Mutilla Reservoir (For Construction)	Shop Drawing	January 19, 2016	January 27, 2016	A
145	SUB-15-00010-SWJ-090-A	Steel Flanges-Hubbed Slip On-Type12-PN(16+25+40)	Material-Mec	December 17, 2015	January 3, 2016	B
146	SUB-15-00010-SWJ-091-A	Bedding Material Aggregate-Granular Backfill-Material(Somsom Size) Report #BM/QC/15137-Al Fares Crusher Plant/Jenin	Source	December 17, 2015	January 14, 2016	A
147	SUB-15-00010-SWJ-092-A	Backfill Material – Crushed Aggregate Size-(Single Size Material/Hommos and Addas) Report #/BM/QC/15138-(Al Fares Crusher Plant/Jenin)	Source	December 17, 2015	January 14, 2016	A
148	SUB-15-00010-SWJ-093-A	Class B35 Cylinder Concrete Ready Mix Design(Zakarneh Batch Plant)	Pre-Construction	December 19, 2015	January 7, 2016	D
149	SUB-15-00010-SWJ-093-B	Class B35 Cylinder Concrete Ready Mix Design(Zakarneh Batch Plant)	Pre-Construction	April 12, 2016	April 18, 2016	A



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150	SUB-15-00010-SWJ-094-A	B35 Cylinder Concrete Mix Design-Me'mar Batch Plant	Pre-Construction	December 19, 2015	January 11, 2016	C
151	SUB-15-00010-SWJ-094-B	B35 Cylinder Concrete Mix Design-Me'mar Batch Plant	Pre-Construction	January 12, 2016	January 19, 2016	A
152	SUB-15-00010-SWJ-095-A	B35 Concrete Ready Mix Design-Me'mar Batch plant	Pre-Construction	December 19, 2015	January 11, 2016	C
153	SUB-15-00010-SWJ-095-B	B35 Concrete Ready Mix Design-Me'mar Batch plant	Pre-Construction	April 12, 2016	April 18, 2016	A
154	SUB-15-00010-MTR-096-A	Shop Drawing of Formwork for Al Mutilla Reservoir	Shop Drawing	December 17, 2015	January 7, 2016	B
155	SUB-15-00010-SWJ-097-A	Key Personnel	Pre-Construction	December 17, 2015	December 21, 2015	E
156	SUB-15-00010-MTR-098-A	Al Mutilla Elevated Reservoir piping Plan & Sections	Shop Drawing	December 20, 2015	January 18, 2016	C
157	SUB-15-00010-MTR-098-B	Al Mutilla Elevated Reservoir piping Plan & Sections	Shop Drawing	January 27, 2016	February 22, 2016	C
158	SUB-15-00010-MTR-098-C	Al Mutilla Elevated Reservoir piping Plan & Sections	Shop Drawing	March 13, 2016	April 7, 2016	B
160	SUB-15-00010-AJR-099-A	Layout for Ajja Reservoir	Shop Drawing	December 20, 2015	January 11, 2016	C
161	SUB-15-00010-AJR-099-B	Layout for Ajja Reservoir	Shop Drawing	January 13, 2016	January 27, 2016	C
162	SUB-15-00010-AJR-099-C	Layout for Ajja Reservoir	Shop Drawing	February 9, 2016	March 3, 2016	B
163	SUB-15-00010-SWJ-100-A	Holiday Test Machine	Material-Mec	December 20, 2015	January 3, 2016	E
164	SUB-15-00010-SWJ-101-A	Metal Box-Junction Box-(Metebox - Enclosure)	Material-Elec	December 20, 2015	January 7, 2016	A
165	SUB-15-00010-SWJ-102-A	B20+B25+B30 Concrete Mix Design-Memar	Pre-Construction	December 20, 2015	January 18, 2016	E
166	SUB-15-00010-SWJ-103-A	Method Statement of Demolition Circular Water Tanks at Grade Plan	Method Statement	December 20, 2015	January 3, 2016	B
167	SUB-15-00010-SWJ-104-A	B20/B25/B30/B35 Concrete Ready Mix Design-(Zakarneh Batch Plant)	Pre-Construction	December 21, 2015	January 18, 2016	D
168	SUB-15-00010-SWJ-104-B	B20/B25/B30/B35 Concrete Ready Mix Design-(Zakarneh Batch Plant)	Pre-Construction	April 12, 2016	April 18, 2016	A
169	SUB-15-00010-MTR-105-A	Traffic Control Plan-Al Mutilla Reservoir	SHop Drawing	December 23, 2015	December 28, 2015	B
170	SUB-15-00010-SWJ-106-A	Plastic Warning Tape Cathodic Protection System/Electrical	Sample	December 23, 2015	January 7, 2016	A
171	SUB-15-00010-SWJ-107-A	Method Statement for Chambers Installation	Method Statement	December 27, 2015	January 13, 2016	C
172	SUB-15-00010-SWJ-108-A	Concrete Curing Method Statement	Method Statement	December 27, 2015	January 11, 2016	A
173	SUB-15-00010-SWJ-109-A	Bituemnous Coating for External Walls-Nitoproof 30/Damp Proof Membrane	Material-CPS	December 27, 2015	January 7, 2016	A
174	SUB-15-00010-MTR-110-A	Excavation Plan for Al Mutilla Reservoir	Shop Drawing	December 27, 2015	January 13, 2016	A
175	SUB-15-00010-SWJ-111-A	Formwork Material-Form Tie & Plywood-Sampls	Sample	December 27, 2015	January 13, 2016	C
176	SUB-15-00010-SWJ-111-B	Formwork Material-Form Tie & Plywood-Sampls	Sample	January 19, 2016	January 27, 2016	A
177	SUB-15-00010-SWJ-112-A	Dumping Area 2nd Option	pre-Construction	December 27, 2015	January 18, 2016	B
178	SUB-15-00010-SWJ-113-A	Dilapidation Survey (Al Mutilla Reservoir)	Pre-Construction	December 27, 2015	January 17, 2016	B
179	SUB-15-00010-MTR-114-A	AL Mutilla Elevated Reservoir 500 CM Electrical Shop Drawings	Shop Drawing	December 27, 2015	January 20, 2016	B
180	SUB-15-00010-SWJ-115-A	Concrete Repair Method Statement	Method Statement	December 28, 2015	January 7, 2016	A
181	SUB-15-00010-SWJ-116-A	Internal Epoxy Coating - Nitocote EP405	Method Statement	December 28, 2015	February 22, 2016	C
182	SUB-15-00010-SWJ-116-B	Internal Epoxy Coating - Nitocote EP406	Method Statement	March 24, 2016	April 5, 2016	A
183	SUB-15-00010-SWJ-117-A	External Coating Dekguard FC+Nitocote SN522	Method Statement	December 28, 2015	January 18, 2016	A
184	SUB-15-00010-SWJ-118-A	PVC Waterstop (Supercast Watafoil S250) Method Statement	Method Statement	December 28, 2015	January 7, 2016	A
185	SUB-15-00010-SWJ-119-A	Flexible Protective Coating Nitocote EPU	Method Statement	December 28, 2015	January 13, 2016	A
186	SUB-15-00010-SWJ-120-A	Rapid Setting Cement-Based Water Stopping Mortar-Rendroc Plug	Method Statement	December 28, 2015	January 13, 2016	A
187	SUB-15-00010-SWJ-121-A	Method Statement for Non-Shrink Cementations Grout for Tie Rods-Conbextra HF	Method Statement	December 28, 2015	January 13, 2016	A
188	SUB-15-00010-SWJ-122-A	External Isolation Material-Nitoproof 30 MS	Method Statement	December 28, 2015	January 3, 2016	A
189	SUB-15-00010-SWJ-123-A	Method Statement for Cementation Repair Mortar-Renderoc FC	Method Statement	December 28, 2015	January 3, 2016	B
190	SUB-15-00010-ARR-124-A	Excavation Plan for Arraba Reservoir	Shop Drawing	December 28, 2015	January 17, 2016	C



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191	SUB-15-00010-SWJ-125-A	Small Steel Pipes (2" , 3" and 4")	Material-Mec	December 28, 2015	January 17, 2016	C
192	SUB-15-00010-SWJ-125-B	Small Steel Pipes (2" , 3" and 4")	Material-Mec	January 31, 2016	February 11, 2016	C
193	SUB-15-00010-SWJ-125-C	Small Steel Pipes (2" , 3" and 4")	Material-Mec	February 21, 2016	March 6, 2016	B
194	SUB-15-00010-JLR-126-A	Excavation Plan for Jalqamus Reservoir	Pre-Construction	December 29, 2015	January 17, 2016	C
195	SUB-15-00010-JLR-126-B	Excavation Plan for Jalqamus Reservoir	Pre-Construction	February 1, 2016	February 17, 2016	A
196	SUB-15-00010-KFR-127-A	Kuferit Reservoir Access Road-Plan, Profile & Sections From STA. 0+000 - 0+170	Shop Drawing	December 30, 2015	January 25, 2016	B
197	SUB-15-00010-KFR-127-B	Kuferit Reservoir Access Road-Plan, Profile & Sections From STA. 0+000 - 0+171	Shop Drawing	February 28, 2016	March 15, 2016	B
198	SUB-15-00010-SWJ-128-A	Shop Drawing For Precast Manhole 1.20X1.20	Shop Drawing	December 30, 2015		Retracted
199	SUB-15-00010-SWJ-129-A	Precast Chambers 1.5X1.5 X2.0 m	Shop Drawing	December 30, 2015		Retracted
200	SUB-15-00010-JLR-130-A	Dilapidation Survey (Jalqamus Reservoir)	Pre-Construction	December 30, 2015	January 17, 2016	C
201	SUB-15-00010-JLR-130-B	Dilapidation Survey (Jalqamus Reservoir)	Pre-Construction	February 9, 2016	February 23, 2016	A
202	SUB-15-00010-ARR-131-A	Dilapidation Survey (Arraba Reservoir)	Pre-Construction	December 30, 2015	January 17, 2016	C
203	SUB-15-00010-ARR-131-B	Dilapidation Survey (Arraba Reservoir)	Pre-Construction	January 31, 2016	February 10, 2016	A
204	SUB-15-00010-JLR-132-A	Traffic Plan For Jalqamus Reservoir	Pre-Construction	January 3, 2016	January 17, 2016	B
205	SUB-15-00010-ARR-133-A	Traffic Plan For Arraba Reservoir	Pre-Construction	January 3, 2016	January 17, 2016	B
206	SUB-15-00010-SWJ-134-A	Stainless Steel Pipes	Material-Mec	January 3, 2016	January 7, 2016	C
207	SUB-15-00010-SWJ-134-B	Stainless Steel Pipes	Material-Mec	January 20, 2016	February 7, 2016	A
208	SUB-15-00010-SWJ-135-A	Warning Tape-Water Pipelines	sample	January 3, 2016	January 18, 2016	A
209	SUB-15-00010-SWJ-136-A	Manhole Steps-Samples and Data	sample	January 3, 2016	January 27, 2016	D
210	SUB-15-00010-SWJ-136-B	Manhole Steps-Samples and Data	sample	February 23, 2016	March 3, 2016	C
211	SUB-15-00010-SWJ-136-C	Manhole Steps-Samples and Data	sample	April 24, 2016	May 4, 2016	B
212	SUB-15-00010-SWJ-137-A	Filter Fabric (Geotextile)	sample	January 3, 2016	January 19, 2016	C
213	SUB-15-00010-SWJ-137-B	Filter Fabric (Geotextile)	sample	February 28, 2016	March 6, 2016	A
214	SUB-15-00010-SWJ-138-A	Manhole Covers/ Haddad "750mm"	Material-CPS	January 3, 2016	January 19, 2016	B
215	SUB-15-00010-SWJ-138-B	Manhole Covers/ Haddad "750mm"	Material-CPS	January 26, 2016	February 17, 2016	C
216	SUB-15-00010-SWJ-138-C	Manhole Covers/ Haddad "750mm"	Material-CPS	May 15, 2016	May 16, 2016	A
217	SUB-15-00010-SWJ-139-A	B20/B25/B30 Concrete Ready Mix Design-Al Karmel Batch Plant	Pre-Construction	January 3, 2016	January 18, 2016	B
218	SUB-15-00010-MTB-140-A	Dilapidation Survey-(Al Mutilla Booster Station)	Pre-Construction	January 3, 2016	January 17, 2016	C
219	SUB-15-00010-MTB-140-B	Dilapidation Survey-(Al Mutilla Booster Station)	Pre-Construction	February 14, 2016	February 17, 2016	A
220	SUB-15-00010-SWJ-141-A	Method Statement for Crack Injection(Wet or Dump Conditions)	Method Statement	January 4, 2016	February 1, 2016	A
221	SUB-15-00010-JLR-142-A	At Grade 1000 m3 Jalqamus Reservoir Structural Shop Drawings	Shop Drawing	January 4, 2016	February 1, 2016	C
222	SUB-15-00010-JLR-142-B	At Grade 1000 m3 Jalqamus Reservoir Structural Shop Drawings	Shop Drawing	February 16, 2016	February 28, 2016	B
223	SUB-15-00010-JLR-142-C	At Grade 1000 m3 Jalqamus Reservoir Structural Shop Drawings-For Construction	Shop Drawing	February 29, 2016	March 3, 2016	A
224	SUB-15-00010-TJT-143-A	Telfit-Jalqamus Transmission Pipeline-Dilapidation Survey	Pre-Construction	January 6, 2016	January 18, 2016	C
225	SUB-15-00010-TJT-143-B	Telfit-Jalqamus Transmission Pipeline-Dilapidation Survey	Pre-Construction	February 14, 2016	February 17, 2016	A
226	SUB-15-00010-JMT-144-A	Jalqamus-AL Mughayyir Force Line-Dilapidation Survey	Pre-Construction	January 6, 2016	January 18, 2016	C
227	SUB-15-00010-JMT-144-B	Jalqamus-AL Mughayyir Force Line-Dilapidation Survey	Pre-Construction	February 28, 2016	March 10, 2016	A



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No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
228	SUB-15-00010-SWJ-145-A	Base Course Material-Source Approval	Material-CPS	January 6, 2016	January 17, 2016	A
229	SUB-15-00010-SWJ-146-A	Steel Reinforcement Test Reports-Israel-12+16+18	Material-CPS	January 6, 2016	January 19, 2016	A
230	SUB-15-00010-SWJ-147-A	Vapor Retarder	Sample	January 6, 2016	January 18, 2016	A
231	SUB-15-00010-ARR-148-A	Arraba Reservoir Mechanical Shop Drawings	Shop Drawing	January 6, 2016	January 27, 2016	C
233	SUB-15-00010-SWJ-149-A	Method Statement for Relocation Trees Within ROW	Pre-Construction	January 6, 2016	January 19, 2016	B
234	SUB-15-00010-SWJ-150-A	Shop Drawing For Precast Manhole 1.20X1.20 m & 1.50x1.50 m	Shop Drawing	January 7, 2016	January 27, 2016	C
235	SUB-15-00010-SWJ-150-B	Shop Drawing For Precast Manhole 1.20X1.20 m & 1.50x1.50 m	Shop Drawing	February 11, 2016	February 23, 2016	A
236	SUB-15-00010-SWJ-151-A	Swellable Water Stop (SW10) Method Statement	Method Statement	January 9, 2016	January 27, 2016	C
237	SUB-15-00010-SWJ-151-B	Swellable Water Stop (SW10) Method Statement	Method Statement	February 8, 2016	February 23, 2016	C
238	SUB-15-00010-SWJ-151-C	Swellable Water Stop (SW10) Method Statement	Method Statement	April 12, 2016	April 18, 2016	A
239	SUB-15-00010-JLR-152-A	Shop Drawing for Retaining Wall for Jalqamus Reservoir	Shop Drawing	January 9, 2016	January 27, 2016	B
240	SUB-15-00010-JLR-152-B	Shop Drawing for Retaining Wall for Jalqamus Reservoir-For Construction	Shop Drawing	February 1, 2016	February 24, 2016	A
241	SUB-15-00010-ARR-153-A	At Grade 2000 m3 Arraba Reservoir Formwork Drawings	Shop Drawing	January 10, 2016	January 20, 2016	B
242	SUB-15-00010-KRR-154-A	Site Layout For Kafer Ra'i Reservoir	Shop Drawing	January 10, 2016	February 8, 2016	A
243	SUB-15-00010-SWJ-155-A	Welder's Qualification Testing Report	Pre-Construction	January 10, 2016	January 17, 2016	C
244	SUB-15-00010-SWJ-155-B	Welder's Qualification Testing Report	Pre-Construction	March 4, 2016	April 11, 2016	C
245	SUB-15-00010-SWJ-155-C	Welder's Qualification Testing Report	Pre-Construction	April 17, 2016	April 28, 2016	B
246	SUB-15-00010-SWJ-156-A	ArcEyes Lab - Welding and Welders Qualification Agency	Material-Mec	January 10, 2016	January 14, 2016	A
247	SUB-15-00010-SWJ-157-A	Radiographic Third Party Testing Lab-Morex & Gabi Shoef	Material-Mec	January 10, 2016	January 14, 2016	A
248	SUB-15-00010-SWJ-158-A	Pipe Heat Shrinkable Sleeve and Tape	Material-Mec	January 12, 2016	January 18, 2016	C
249	SUB-15-00010-SWJ-158-B	Pipe Heat Shrinkable Sleeve and Tape	Material-Mec	March 2, 2016	March 14, 2016	A
250	SUB-15-00010-SMT-159-A	Shop Drawings For Sanour-Meithalon Main Transmission Pipeline (10") Plan, Profile & Typical SectionFrom STA. 1+600 - 3+647	Pre-Construction	January 13, 2016	January 27, 2016	B
251	SUB-15-00010-SMT-159-B	Shop Drawings For Sanour-Meithalon Main Transmission Pipeline (10") Plan, Profile & Typical SectionFrom STA. 1+600 - 3+648-For Construction	Pre-Construction	January 31, 2016	February 16, 2016	A
252	SUB-15-00010-MTR-160-A	Geotechnical Inspection Report For Al Mutilla Reservoir	Pre-Construction	January 13, 2016	January 27, 2016	A
253	SUB-15-00010-JLR-161-A	At Grade 1000 m3 Jalqamus Reservoir Piping Plan & Sections	Material-Mec	January 13, 2016	February 3, 2016	C
255	SUB-15-00010-SWJ-162-A	Concrete Ready- Mix Design Class A1 & A3 (35.0MPa Cylinder)-Size 20mm	Pre-Construction	January 18, 2016	January 27, 2016	A
256	SUB-15-00010-SWJ-163-A	Concrete Ready-Mixes Design Class B20,B25 & B30 -Size 20mm	Pre-Construction	January 18, 2016	January 27, 2016	A
257	SUB-15-00010-KFR-164-A	Shop Drawing For Retaining Wall For Kuferit Reservoir	Shop Drawing	January 18, 2016	February 15, 2016	B
258	SUB-15-00010-KFR-164-B	Shop Drawing For Retaining Wall For Kuferit Reservoir-For Construction	Shop Drawing	February 17, 2016	March 6, 2016	B
259	SUB-15-00010-KFR-165-A	At Grade 500 m3 Kuferit Reservoir Structural Shop Drawings	Shop Drawing	January 19, 2016	February 1, 2016	C
260	SUB-15-00010-KFR-165-B	At Grade 500 m3 Kuferit Reservoir Structural Shop Drawings	Shop Drawing	February 16, 2016	February 29, 2016	B
261	SUB-15-00010-KFR-165-C	At Grade 500 m3 Kuferit Reservoir Structural Shop Drawings-For Construction	Shop Drawing	March 1, 2016	March 3, 2016	A
263	SUB-15-00010-AJR-166-A	At Grade 1000 m3 Ajja Reservoir Structural Shop Drawings	Shop Drawing	January 20, 2016	February 1, 2016	C
264	SUB-15-00010-AJR-166-B	At Grade 1000 m3 Ajja Reservoir Structural Shop Drawings	Shop Drawing	February 16, 2016	March 8, 2016	B
265	SUB-15-00010-AJR-166-C	At Grade 1000 m3 Ajja Reservoir Structural Shop Drawings-For Construction	Shop Drawing	March 9, 2016	March 13, 2016	A
266	SUB-15-00010-KRR-167-A	At Grade 1000 m3 Kafer Ra'i Reservoir Structural Shop Drawings	Shop Drawing	January 20, 2016	February 1, 2016	C
267	SUB-15-00010-KRR-167-B	At Grade 1000 m3 Kafer Ra'i Reservoir Structural Shop Drawings	Shop Drawing	February 24, 2016	February 29, 2016	B



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No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
268	SUB-15-00010-KRR-167-C	At Grade 1000 m3 Kafer Ra'i Reservoir Structural Shop Drawings-For Construction	Shop Drawing	March 2, 2016	March 3, 2016	A
269	SUB-15-00010-SWJ-168-A	Flash Beacon	Material-Elec	January 20, 2016	February 7, 2016	A
270	SUB-15-00010-SWJ-169-A	Earthing Manhole	Material-Elec	January 20, 2016	February 7, 2016	A
271	SUB-15-00010-SWJ-170-A	Dismantling Joints-PN16-25 (Alternative)	Material-Mec	January 20, 2016	February 7, 2016	A
272	SUB-15-00010-SWJ-171-A	Dismantling Joints-(Alternative)	Material-Mec	January 20, 2016	February 7, 2016	A
273	SUB-15-00010-SWJ-172-A	Steel Fence & Post for Reservoir and Booster Station- With Samples	Sample	January 21, 2016	February 7, 2016	C
274	SUB-15-00010-SWJ-172-B	Steel Fence & Post for Reservoir and Booster Station- With Samples	Sample	February 9, 2016	February 15, 2016	C
275	SUB-15-00010-SWJ-172-C	Steel Fence & Post for Reservoir and Booster Station- With Samples	Sample	March 10, 2016	March 17, 2016	A
276	SUB-15-00010-JLT-173-A	Dilapidation Survey-Jalqamus Transmission Pipeline	Pre-Construction	January 24, 2016	February 8, 2016	A
277	SUB-15-00010-KFR-174-A	Dilapidation Survey- Kuferit Reservoir	Pre-Construction	January 24, 2016	February 8, 2016	A
278	SUB-15-00010-SWJ-175-A	At Grade 1000 m3 Reservoir Form Work Drawings	Shop Drawing	January 24, 2016	February 1, 2016	B
279	SUB-15-00010-SWJ-176-A	Steel Pipes Schedule 40 (6"-8"-10")	Material-Mec	January 24, 2016	February 7, 2016	A
280	SUB-15-00010-SWJ-177-A	Alternative Bermad Combination Air Valve 2",3 " & 4"	Material-Mec	January 24, 2016	February 7, 2016	D
281	SUB-15-00010-SWJ-177-B	Alternative Bermad Combination Air Valve 2",3 " & 4"	Material-Mec	April 20, 2016	April 21, 2016	E
282	SUB-15-00010-SWJ-178-A	Flanged Ball Valves DN 50	Material-Mec	January 24, 2016	February 7, 2016	C
283	SUB-15-00010-SWJ-178-B	Flanged Ball Valves DN 51	Material-Mec	February 10, 2016	February 25, 2016	A
284	SUB-15-00010-SWJ-179-A	BCI 8m Mast for SCADA System	Material-Elec	January 24, 2016	February 15, 2016	A
285	SUB-15-00010-KFR-180-A	At Grade 500 m3 Kuferit Reservoir Formwork Drawings	Shop Drawing	January 24, 2016	February 1, 2016	B
286	SUB-15-00010-SWJ-181-A	SW Jenin RTU submittal	Material-elec	January 24, 2016	February 22, 2016	C
287	SUB-15-00010-SWJ-182-A	RCS submittal	Material-Elec	January 26, 2016	February 22, 2016	A
288	SUB-15-00010-SWJ-183-A	BCI qualification	Material-Elec	January 26, 2016	February 22, 2016	E
289	SUB-15-00010-AJR-184-A	Shop Drawing for Retaining Wall For Ajja Reservoir	Shop Drawing	January 26, 2016	February 16, 2016	B
290	SUB-15-00010-AJR-184-B	Shop Drawing for Retaining Wall For Ajja Reservoir-For Construction	Shop Drawing	February 16, 2016	March 14, 2016	B
291	SUB-15-00010-SWJ-185-A	Alternative for Relocation of Existing Pipes	Material-Mec	January 26, 2016	February 8, 2016	A
292	SUB-15-00010-SWJ-186-A	Testing Laboratory CV's Al Shamal Laboratory	Pre-Construction	January 27, 2016	February 16, 2016	A
293	SUB-15-00010-ARR-187-A	Shop Drawing of Relocation of Exciting Pipes for Arraba Reservoir	Shop Drawing	January 27, 2016	February 10, 2016	B
294	SUB-15-00010-TJT-188-A	Shop Drawings-Telfit - Jalqamus Force Line (6") Plan, Profile & Typical Section From STA. 0+000 - to STA. 2+136	Shop Drawing	January 27, 2016	February 10, 2016	B
295	SUB-15-00010-TJT-188-B	Shop Drawings-Telfit - Jalqamus Force Line (6") Plan, Profile & Typical Section From STA. 0+000 - to STA. 2+137-For Construction	Shop Drawing	February 17, 2016	February 25, 2016	C
296	SUB-15-00010-TJT-188-C	Shop Drawings-Telfit - Jalqamus Force Line (6") Plan, Profile & Typical Section From STA. 0+000 - to STA. 2+137-For Construction	Shop Drawing	April 12, 2016	April 26, 2016	A
297	SUB-15-00010-TJT-188-D	Shop Drawings-Telfit - Jalqamus Force Line (6") Plan, Profile & Typical Section From STA. 0+000 - to STA. 2+137-For Construction	Shop Drawing	May 1, 2016	May 5, 2016	A
298	SUB-15-00010-SWJ-189-A	Detour For Arraba Reservoir	Pre-Construction	January 27, 2016	February 1, 2016	C
299	SUB-15-00010-SWJ-189-B	Detour For Arraba Reservoir	Pre-Construction	February 3, 2016	February 7, 2016	A
300	SUB-15-0010-KRR-190-A	Shop Drawing for Retainig Wall for Kafer Ra'l Reservoir	Shop Drawing	January 27, 2016	February 15, 2016	C
301	SUB-15-0010-KRR-190-B	Shop Drawing for Retainig Wall for Kafer Ra'l Reservoir	Shop Drawing	March 30, 2016	April 7, 2016	B
303	SUB-15-00010-SWJ-191-A	Instrument Cable Equipment Submittal	Material-Mec	January 27, 2016	February 22, 2016	A



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No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
304	SUB-15-00010-SWJ-192-A	Precast Manholes 2.5 X 2 m Clear Dimension ADDASI Company Product	Material-Mec	January 27, 2016	February 23, 2016	C
305	SUB-15-00010-SWJ-192-B	Precast Manholes 2.5 X 2 m Clear Dimension ADDASI Company Product	Material-Mec	March 9, 2016	March 15, 2016	A
306	SUB-15-00010-SWJ-193-A	Seismic Cans – With Sample	Sample	January 28, 2016	February 15, 2016	A
307	SUB-15-00010-SWJ-194-A	Manhole Puddle Flange-With Sample	Sample	January 28, 2016	February 7, 2016	D
308	SUB-15-00010-SWJ-194-B	Manhole Puddle Flange-With Sample	Sample	February 15, 2016	February 25, 2016	C
309	SUB-15-00010-SWJ-194-C	Manhole Puddle Flange-With Sample	Sample	February 29, 2016	March 14, 2016	A
310	SUB-15-00010-JLR-195-A	Shop Drawing for Jalqamus Reservoir Access Road Plan, Profile & Sections From STA. 0+000 – 0+190	Shop Drawing	January 31, 2016	February 23, 2016	B
311	SUB-15-00010-ARR-196-A	Arraba Feed Line Relocation	Shop Drawing	January 31, 2016	February 17, 2016	E
312	SUB-15-00010-SWJ-197-A	Adjustable Support for Pipes & Fittings Inside Chambers –Sample	Sample	January 31, 2016	February 11, 2016	D
313	SUB-15-00010-ARR-198-A	Geotechnical Inspection Report For Arraba Reservoir	Pre-Construction	January 31, 2016	February 22, 2016	E
314	SUB-15-00010-KFR-199-A	Traffic Plan Kuferit For Reservoir	Pre-Construction	February 1, 2016	February 23, 2016	A
315	SUB-15-00010-ARR-200-A	At Grade 2000 m3 Arraba Reservoir Earthing System & Site Layout Electrical Shop Drawings	Shop Drawing	February 2, 2016	February 29, 2016	B
316	SUB-15-00010-AJR-201-A	Modified Layout for Ajja Reservoir	Shop Drawing	February 3, 2016		Under Review
317	SUB-15-00010-SWJ-202-A	Reservoir Access Man way Material	Material-Mec	February 3, 2016	February 11, 2016	C
318	SUB-15-00010-SWJ-202-B	Reservoir Access Man way Material	Material-Mec	February 15, 2016	February 25, 2016	A
319	SUB-15-00010-MTT-203-A	Dilapidation Survey-Al Mutilla Transmission Pipeline	pre-Construction	February 7, 2016	February 10, 2016	A
320	SUB-15-00010-SWJ-204-A	Alternative Electrical Conduits-Steel Pipes	Material-Elec	February 8, 2016	February 23, 2016	C
321	SUB-15-00010-SWJ-204-B	Alternative Electrical Conduits-Steel Pipes	Material-Elec	February 24, 2016	March 3, 2016	A
322	SUB-15-00010-SWJ-205-A	Radio path study	Material-Elec	February 8, 2016	February 23, 2016	E
323	SUB-15-00010-ARR-206-A	Arraba 2000m3 Reservoir Thimble Plan	Material-Mec	February 8, 2016		Retracted
324	SUB-15-00010-ARR-206-A	Arraba 2000m3 Reservoir Thimble Plan	Material-Mec	February 28, 2016	March 10, 2016	B
325	SUB-15-00010-ARR-206-B	Arraba 2000m3 Reservoir Thimble Plan-For Construction	Material-Mec	April 17, 2016	April 24, 2016	A
326	SUB-15-00010-KFR-207-A	Excavation Plan For Kufeirit Reservoir	Shop Drawing	February 9, 2016	February 25, 2016	B
327	SUB-15-00010-AJR-208-A	Ajja Reservoir Access Road Plan, Profile & Sections From STA. 0+000 – 0+240	Shop Drawing	February 9, 2016	February 17, 2016	B
328	SUB-15-00010-JLR-209 -A	Geotechnical Inspection Report For Jalqamus Reservoir	Pre-Construction	February 9, 2016	February 23, 2016	E
329	SUB-15-00010-ARR-210-A	Arraba 2000 m3 Reservoir Under Drain Plan	Shop Drawing	February 10, 2016	March 6, 2016	B
330	SUB-15-00010-ARR-210-B	Arraba 2000 m3 Reservoir Under Drain Plan	Shop Drawing	March 7, 2016	March 14, 2016	A
331	SUB-15-00010-SMT-211-A	Sanur Connection Champers Shop Drawings	Shop Drawing	February 11, 2016	March 6, 2016	C
332	SUB-15-00010-SMT-211-B	Sanur Connection Champers Shop Drawings	Shop Drawing	March 14, 2016	March 31, 2016	B
334	SUB-15-00010-SWJ-212-A	Booster Pump Flow Meter	Material-Elec	February 11, 2016	March 8, 2016	D
335	SUB-15-00010-SWJ-213-A	Reservoirs Flow Meter	Material-Elec	February 11, 2016	March 8, 2016	D
336	SUB-15-00010-SWJ-214-A	DC Flow Meter with GSM	Material-Elec	February 11, 2016	March 8, 2016	C
337	SUB-15-00010-JLR-215-A	At Grade 1000 m3 Jalqamus Reservoir Earthing and Steel Layout Electrical Shop Drawings	Shop Drawing	February 14, 2016	February 25, 2016	B
338	SUB-15-00010-JLR-216-A	Jalqamus 1000m3 Reservoir Thimble & Under Drain Plan	Material-Mec	February 14, 2016	March 6, 2016	B
339	SUB-15-00010-JLR-216-B	Jalqamus 1000m3 Reservoir Thimble & Under Drain Plan-for Construction	Material-Mec	March 9, 2016	March 24, 2016	A
340	SUB-15-00010-SWJ-217-A	Pressure transmitter submittal	Material-Elec	February 16, 2016	February 25, 2016	C
341	SUB-15-00010-SWJ-218-A	Level Transmitter submittal	Material-Elec	February 16, 2016	March 10, 2016	C



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No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
342	SUB-15-00010-SWJ-219-A	Receptacles & Switches	Material-Elec	February 16, 2016	March 6, 2016	B
343	SUB-15-00010-KRR-220-A	Traffic Plan for Kafer Ra'l Reservoir	Pre-Construction	February 17, 2016	February 25, 2016	A
344	SUB-15-00010-SWJ-221-A	Installation Testing of CP Reference Electrodes Test Station	Material-Mec	February 21, 2016	March 22, 2016	D
345	SUB-15-00010-SWJ-221-B	Installation Testing of CP Reference Electrodes Test Station	Material-Mec	April 19, 2016	April 28, 2016	C
346	SUB-15-00010-SWJ-222-A	Stainless Steel Bolts and Nuts	Material-Mec	February 21, 2016	March 15, 2016	C
347	SUB-15-00010-SWJ-222-B	Stainless Steel Bolts and Nuts	Material-Mec	March 19, 2016	April 13, 2016	B
348	SUB-15-00010-SWJ-223-A	Flanged Ball Valve	Material-Mec	February 21, 2016	March 8, 2016	A
349	SUB-15-00010-TJT-224-A	Traffic Plan for Talfit Jalqamus Pipeline	Pre-Construction	February 21, 2016	March 8, 2016	B
350	SUB-15-00010-SMT-225-A	Sanur Meithalun Flow Monitoring Vault Shop Drawings	Shop Drawing	February 21, 2016	March 14, 2016	C
351	SUB-15-00010-SMT-225-B	Sanur Meithalun Flow Monitoring Vault Shop Drawings	Shop Drawing	March 17, 2016	April 5, 2016	C
352	SUB-15-00010-SMT-225-C	Sanur Meithalun Flow Monitoring Vault Shop Drawings	Shop Drawing	April 10, 2016	April 26, 2016	E
353	SUB-15-00010-KFR-226-A	Dilapidation Survey For Kuferit Force Line	Pre-Construction	February 24, 2016	March 10, 2016	A
354	SUB-15-00010-SWJ-227-A	UPVC pipes and fittings	Material-Mec	February 24, 2016	March 8, 2016	A
355	SUB-15-00010-KRR-228-A	Proposed Site Layout for Kafer Ra'i Reservoir	Shop Drawing	February 24, 2016	March 15, 2016	B
356	SUB-15-00010-JLT-229-A	Shop Drawings Jalqamus- Umatut Force Line (6") Plan, Profile & Typical Section From STA. 0+186 - to STA. 1+870	Shop Drawing	February 24, 2016	March 23, 2016	B
357	SUB-15-00010-JLT-229-B	Shop Drawings Jalqamus- Umatut Force Line (6") Plan, Profile & Typical Section From STA. 0+186 - to STA. 1+871-For Construction	Shop Drawing	March 30, 2016	April 24, 2016	A
358	SUB-15-00010-KRR-230-A	At Grade 1000 m³ Kafer Ra'i Reservoir Earthing and Site Layout Electrical Shop Drawings	Shop Drawing	February 25, 2016	March 6, 2016	C
359	SUB-15-00010-SWJ-231-A	760 mm Access Manway Fabrication Details	Material-Mec	February 28, 2016	March 13, 2016	A
360	SUB-15-00010-SWJ-232-A	SikaTop Seal 107 Material For Internal coating	Method Statement	February 29, 2016	March 21, 2016	C
361	SUB-15-00010-SWJ-232-B	SikaTop Seal 107 Material For Internal coating	Method Statement	March 24, 2016	April 7, 2016	E
362	SUB-15-00010-SWJ-233-A	PVC Water Stop (Supercast Watafoil 150) Method Statement	Method Statement	February 29, 2016	March 6, 2016	A
363	SUB-15-00010-KFR-234-A	At Grade 500 m³ Kuferit Reservoir Earthing and Site Layout Electrical Shop Drawings	Shop Drawing	March 2, 2016	March 14, 2016	C
364	SUB-15-00010-KRR-235-A	Dilapidation Survey(Kafer Ra'i Reservoir)	Pre-Construction	March 2, 2016	March 24, 2016	A
365	SUB-15-00010-AJR-236-A	Dilapidation Survey(Ajja Pipeline)	Pre-Construction	March 3, 2016	March 15, 2016	A
366	SUB-15-00010-SWJ-237-A	Swellable Water Stop (SW30) Method Statement	Method Statement	March 6, 2016	March 22, 2016	B
367	SUB-15-00010-JMT-238-A	Shop Drawings Jalqamus- Mughayyir Force Line (6") Plan, Profile & Typical Section From STA. 0+000 - to STA. 2+752	Shop Drawing	March 8, 2016	March 22, 2016	C
368	SUB-15-00010-JMT-238-B	Shop Drawings Jalqamus- Mughayyir Force Line (6") Plan, Profile & Typical Section From STA. 0+000 - to STA. 2+753	Shop Drawing	March 23, 2016	April 5, 2016	C
369	SUB-15-00010-JMT-238-C	Shop Drawings Jalqamus- Mughayyir Force Line (6") Plan, Profile & Typical Section From STA. 0+000 - to STA. 2+754-For Construction	Shop Drawing	April 19, 2016	May 4, 2016	A
370	SUB-15-00010-KFR-239-A	Kuferit 500m3 Reservoir Thimble & Under Drain Plan	Material-Mec	March 9, 2016	March 15, 2016	B
371	SUB-15-00010-KFR-239-B	Kuferit 500m3 Reservoir Thimble & Under Drain Plan-For Construction	Material-Mec	March 20, 2016	April 5, 2016	B



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No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
372	SUB-15-00010-SWJ-240-A	Welder Qualifications (CV's and ID's)	Material-Mec	March 9, 2016	March 15, 2016	E
373	SUB-15-00010-AJR-241-A	At Grade 1000 m ³ Ajja Reservoir Earthing and Site Layout Electrical Shop Drawings	Shop Drawing	March 9, 2016	March 21, 2016	C
374	SUB-15-00010-SWJ-242-A	250mm Gate Valve Chamber Mechanical Drawing	Material-Mec	March 13, 2016	March 22, 2016	C
375	SUB-15-00010-SWJ-242-B	250mm Gate Valve Chamber Mechanical Drawing	Material-Mec	March 27, 2016	April 7, 2016	B
376	SUB-15-00010-SWJ-242-C	250mm Gate Valve Chamber Mechanical Drawing-For Construction	Material-Mec	April 19, 2016	April 27, 2016	A
377	SUB-15-00010-CHR-243-A	Chamber Rehabilitation Dilapidation Survey	Pre-Construction	March 13, 2016	March 22, 2016	C
378	SUB-15-00010-CHR-243-B	Chamber Rehabilitation Dilapidation Survey	Pre-Construction	April 10, 2016	April 21, 2016	A
379	SUB-15-00010-MTN-244-A	Al-Mutilla Network Dilapidation Survey	Pre-Construction	March 13, 2016	March 31, 2016	A
380	SUB-15-00010-JMT-245-A	Shop Drawings Mughayyir Al-Mutilla Force Line (6") Plan, Profile & Typical Section From STA. 0+000 - to STA. 1+685	Shop Drawing	March 14, 2016	March 23, 2016	C
381	SUB-15-00010-JMT-245-B	Shop Drawings Mughayyir Al-Mutilla Force Line (6") Plan, Profile & Typical Section From STA. 0+000 - to STA. 1+686	Shop Drawing	March 31, 2016	April 24, 2016	C
382	SUB-15-00010-JMT-245-C	Shop Drawings Mughayyir Al-Mutilla Force Line (6") Plan, Profile & Typical Section From STA. 0+000 - to STA. 1+687	Shop Drawing	May 1, 2016	May 16, 2016	B
383	SUB-15-00010-SWJ-246-A	Updated CPM Schedule Submittal February 29,2016	Pre-Construction	March 15, 2016	April 10, 2016	C
384	SUB-15-00010-AJR-247-A	Dilapidation Survey (Ajja Reservoir)	Pre-Construction	March 16, 2016	March 22, 2016	A
385	SUB-15-00010-KFR-248-A	Geotechnical Inspection Report For Kuferit Reservoir	Pre-Construction	March 17, 2016	March 22, 2016	E
386	SUB-15-00010-MTB-249-A	Main Distribution Board	Material-elec	March 20, 2016	March 28, 2016	C
387	SUB-15-00010-MTB-249-B	Main Distribution Board	Material-elec	April 14, 2016	April 24, 2016	C
388	SUB-15-00010-MTB-249-C	Main Distribution Board	Material-elec	May 2, 2016	May 15, 2016	Retracted
389	SUB-15-00010-SMT-250-A	Shop Drawings For Sanour-Meithalon Main Transmission Pipeline (10"+6")Plan, Profile & Typical Section(Meithalon Well) From STA. 0+000 - 0+134 (10")From STA. 0+000 - 0+086 (10"+6")	Shop Drawing	March 20, 2016	April 5, 2016	C
390	SUB-15-00010-SMT-250-B	Shop Drawings For Sanour-Meithalon Main Transmission Pipeline (10"+6")Plan, Profile & Typical Section(Meithalon Well) From STA. 0+000 - 0+134 (10")From STA. 0+000 - 0+086 (10"+6")	Shop Drawing	April 12, 2016	April 26, 2016	E
391	SUB-15-00010-AJR-251-A	Traffic Plan for Ajja Reservoir	Pre-Construction	March 23, 2016	April 14, 2016	A
392	SUB-15-00008-SWJ-252 -A	Temporary Storage Yard Location	Pre-Construction	March 24, 2016	April 10, 2016	C
393	SUB-15-00008-SWJ-252 -B	Temporary Storage Yard Location	Pre-Construction	April 12, 2016	May 4, 2016	C
394	SUB-15-00008-SWJ-252 -C	Temporary Storage Yard Location	Pre-Construction	May 26, 2016	June 5, 2016	A
395	SUB-15-00008-SWJ-253-A	Method Statement and Material for Internal Epoxy Coating	Method Statement	March 24, 2016	April 10, 2016	B
396	SUB-15-00008-SWJ-254-A	Traffic Control Plan Night Works	Pre-Construction	March 24, 2016	April 19, 2016	B
397	SUB-15-0010-MTB-255-A	Shop Drawing for Retaining Wall For Al-Mutilla Booster Pump	Shop Drawing	March 27, 2016	April 7, 2016	B
398	SUB-15-00010-MTR-256-A	Motorized Gate Valves	Material-Mec	March 27, 2016	April 11, 2016	D
399	SUB-15-00008ARR-257-A	Method Statement for Cast of Concrete for Reservoirs-Foundation and Walls	method Statement	March 27, 2016	April 19, 2016	B
400	SUB-15-00010-SMT-258	Meithalon Outlet Connection Chamber	Shop Drawing	March 27, 2016	April 26, 2016	E
401	SUB-15-00010-AJR-259-A	Ajja 1000 m3 Reservoir Thimble & Under Drain Plan	Material-Mec	March 28, 2016	April 19, 2016	C
402	SUB-15-00010-AJR-259-B	Ajja 1000 m3 Reservoir Thimble & Under Drain Plan	Material-Mec	April 21, 2016	May 5, 2016	C



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TASK ORDER SUBMITTALS LOG						
No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
403	SUB-15-00010-AJR-259-C	Ajja 1000 m3 Reservoir Thimble & Under Drain Plan	Material-Mec	May 29, 2016	May 30, 2016	C
405	SUB-15-00010-AJP-260-A	Shop Drawings Plan, Profile & Typical Section Ajja Force Line (8") From STA. 0+027 - 1+091 Ajja Feeder Line (8") From STA. 0+027 - 0+443	Shop Drawing	March 28, 2016	April 24, 2016	C
406	SUB-15-00010-AJP-260-B	Shop Drawings Plan, Profile & Typical Section Ajja Force Line (8") From STA. 0+027 - 1+091 Ajja Feeder Line (8") From STA. 0+027 - 0+444	Shop Drawing	May 2, 2016	May 15, 2016	A
407	SUB-15-00010-AJR-261-A	Ajja Dump Area	Pre-Construction	March 29, 2016	April 21, 2016	A
408	SUB-15-00010-TJT-262-A	AUU Connection Chamber Shop Drawings	Shop Drawing	March 31, 2016	April 14, 2016	C
410	SUB-15-00010-TJT-263-A	TANIN Connection Chamber	Shop Drawing	March 31, 2016	April 24, 2016	C
411	SUB-15-00010-TJT-263-B	TANIN Connection Chamber	Shop Drawing	May 3, 2016	May 12, 2016	B
412	SUB-15-00010-TJT-263-C	TANIN Connection Chamber-For Construction	Shop Drawing	May 31, 2016	June 6, 2016	A
413	SUB-15-00010-JMT-264-A	Mughayyir Connection Chamber Shop Drawings	Shop Drawing	April 3, 2016	April 24, 2016	C
414	SUB-15-00010-JMT-264-B	Mughayyir Connection Chamber Shop Drawings	Shop Drawing	May 3, 2016	May 12, 2016	B
416	SUB-15-00010-JLT-265-A	Jalqamus Connection Chamber Shop Drawings	Shop Drawing	April 3, 2016	April 24, 2016	C
417	SUB-15-00010-JLT-265-B	Jalqamus Connection Chamber Shop Drawings	Shop Drawing	May 1, 2016	May 11, 2016	B
418	SUB-15-00010-JLT-265-C	Jalqamus Connection Chamber Shop Drawings-For Construction	Shop Drawing	May 16, 2016	May 30, 2016	A
419	SUB-15-00010-JLT-266-A	Umatut Connection Chamber Shop Drawings	Shop Drawing	April 3, 2016	April 24, 2016	C
420	SUB-15-00010-JLT-266-B	Umatut Connection Chamber Shop Drawings	Shop Drawing	May 3, 2016	May 12, 2016	B
422	SUB-15-00010-AJR-267-A	Excavation Plan For Ajja Reservoir	Pre-Construction	April 3, 2016	April 24, 2016	C
423	SUB-15-00010-AJR-267-B	Excavation Plan For Ajja Reservoir	Pre-Construction	May 1, 2016	May 12, 2016	A
424	SUB-15-00010-KRR-268-A	Excavation Plan For Kafer Ra'i Reservoir	Pre-Construction	April 5, 2016	April 24, 2016	C
426	SUB-15-00010-SWJ-269 -A	Method Statement for Cast of Concrete for Reservoirs (Foundation and Walls)1000 m3 Reservoirs	Method Statement	April 5, 2016	April 25, 2016	B
427	SUB-15-00010-AJP-270-A	Shop Drawings, Plan, Profile & Typical Section Ajja Feeder Line (8") From STA. 0+443 - 1+260	Shop Drawing	April 7, 2016	April 19, 2016	B
428	SUB-15-00010-KRR-271-A	Kafer Ra'l 1000 m3 Reservoir Thimble & Under Drain Plan	Shop Drawing	April 10, 2016	April 24, 2016	C
430	SUB-15-00010-SWJ-272-A	Light Fixture	Pre-Construction	April 11, 2016	April 24, 2016	C
431	SUB-15-00010-SWJ-272-B	Light Fixture	Pre-Construction	April 26, 2016	May 4, 2016	A
432	SUB-15-00010-AJP-273-A	Traffic Plan for Ajja Pipeline	Pre-Construction	April 11, 2016	April 19, 2016	C
433	SUB-15-00010-YKT-274-A	Traffic Plan for Kuferit Pipeline	Pre-Construction	April 11, 2016	April 19, 2016	C
434	SUB-15-00010-SWJ-275-A	Contractor's Corrosion Engineer Qualifications	Pre-Construction	April 12, 2016	May 4, 2016	A
435	SUB-15-00010-SWJ-276-A	QC Matrix	Pre-Construction	April 12, 2016	April 26, 2016	C
437	SUB-15-00010-SWJ-277-A	Swing check DN50 & Smaller	Pre-Construction	April 13, 2016	April 19, 2016	D
438	SUB-15-00010-SWJ-278-A	Updated CPM Schedule Submittal March 31,2016	Pre-Construction	April 14, 2016	April 28, 2016	C
439	SUB-15-00010-SWJ-279-A	Thioflex 600 Material & Method Statement	method Statement	April 14, 2016	May 4, 2016	A
440	SUB-15-00010-SWJ-280-A	Float Level Indicator Shop Drawing	Shop Drawing	April 17, 2016	May 3, 2016	C
441	SUB-15-00010-SWJ-280-B	Float Level Indicator Shop Drawing	Shop Drawing	May 16, 2016	May 24, 2016	A
443	SUB-15-00010-TJT-281-A	AAU Connection Chamber Shop Drawings	Shop Drawing	April 18, 2016	May 9, 2016	C
444	SUB-15-00010-TJT-281-B	AAU Connection Chamber Shop Drawings	Shop Drawing	May 31, 2016	June 6, 2016	A



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TASK ORDER SUBMITTALS LOG						
No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
446	SUB-15-00010-SWJ-282-A	SWJ Flow Control Valve	Materila-Mec	April 18, 2016	May 8, 2016	C
448	SUB-15-00010-SWJ-283-A	SWJ Pressure Reducing Valve	Materila-Mec	April 18, 2016	May 17, 2016	C
450	SUB-15-00010-SWJ-284-A	Altitude Level Control Valve	Materila-Mec	April 18, 2016	May 5, 2016	C
451	SUB-15-00010-SWJ-284-B	Altitude Level Control Valve	Materila-Mec	May 16, 2016	May 26, 2016	C
453	SUB15-00010-SWJ-285-A	BILCO Hatches		April 19, 2016	April 28, 2016	A
454	SUB-15-00010-TJT-286-A	Specific Method of Statement for Pipeline Construction-Talefit –Jalqamus Transmission Pipeline	Method Statement	April 19, 2016	May 15, 2016	B
455	SUB-15-00010-SWJ-287-A	Floor Drain	Method Statement	April 20, 2016	April 27, 2016	C
456	SUB-15-00010-TJT-288-A	Telfit - Jalqamus pipe line Fabricated Elbows Design	Material-Mec	April 19, 2016	April 28, 2016	A
457	SUB-15-00010-SWJ-289-A	75mm AVAR Mechanical Drawing	Shop Drawing	April 20, 2016	April 28, 2016	C
458	SUB-15-00010-SWJ-289-B	75mm AVAR Mechanical Drawing	Shop Drawing	May 8, 2016	May 16, 2016	B
459	SUB-15-00010-SWJ-289-C	75mm AVAR Mechanical Drawing -For Construction	Shop Drawing	May 24, 2016	May 30, 2016	A
460	SUB-15-00010-ARR-290-A	Updated at Grade 2000 m3 Arraba Reservoir Formwork Drawings	Shop Drawing	April 20, 2016	May 11, 2016	C
461	SUB-15-00010-SWJ-291-A	Washout chamber DN:100,75 mm Mechanical Drawing	Shop Drawing	April 20, 2016	April 28, 2016	C
462	SUB-15-00010-SWJ-291-B	Washout chamber DN:100,75 mm Mechanical Drawing	Shop Drawing	May 12, 2016	May 19, 2016	B
463	SUB-15-00010-SWJ-291-C	Washout chamber DN:100,75 mm Mechanical Drawing-For Construction	Shop Drawing	May 23, 2016	May 26, 2016	A
464	SUB-15-00010-SWJ-292-A	Welder Qualification (CV,ID)Complementary	Material-Mec	April 21, 2016	May 8, 2016	A
465	SUB-15-00010-YKT-293-A	Shop Drawings Plan, Profile & Typical SectionKuferit Force Line (6") From STA. 0+000 - 2+460	Shop Drawing	April 21, 2016	May 12, 2016	B
466	SUB-15-00010-SWJ-294-A	DN: 200,150mm Gate Valve Chamber Mechanical Drawing	Shop Drawing	April 21, 2016	April 28, 2016	B
467	SUB-15-00010-SWJ-294-B	DN: 200,150mm Gate Valve Chamber Mechanical Drawing-For Construction	Shop Drawing	May 12, 2016	May 19, 2016	A
468	SUB-15-00010-MTB-295-A	Excavation Plan For Al Mutilla Booster Station	Pre-Construction	April 24, 2016	May 11, 2016	A
469	SUB-15-00010-ARR-296-A	Arraba 2000 m3 Reservoir Yard Piping and Fabrication Drawing	Shop Drawing	April 25, 2016	May 10, 2016	C
472	SUB-15-00010-TJT-297-A	Detour of Telfit-Jalqamus Transmission Pipeline (Dilapidation Survey Video)	Pre-Construction	April 25, 2016	May 4, 2016	A
473	SUB-15-00010-KFR-298-A	Detour of Yabad-Kuferit Transmission Pipeline (Dilapidation Survey Video)	Pre-Construction	April 25, 2016	May 4, 2016	A
474	SUB-15-00010-SWJ-299-A	Updated At Grade 1000 m3 Reservoir Form Work Drawings	Shop Drawing	May 1, 2016	May 11, 2016	C
475	SUB-15-00010-SWJ-300-A	Lightning System Material	Material-Elec	May 1, 2016	May 12, 2016	C
476	SUB-15-00010-SWJ-300-B	Lightning System Material	Material-Elec	May 19, 2016	May 22, 2016	A
477	SUB-15-00010-MTR-301-A	Lightning System Shop Drawing for Al Mutilla Elevated Reservoir	Shop Drawing	May 1, 2016	May 12, 2016	C
479	SUB-15-00010-AJR-302-A	Lightning System Shop Drawing for Ajja Reservoir	Shop Drawing	May 1, 2016	May 12, 2016	C
481	SUB-15-00010-ARR-303-A	Lightning System Shop Drawing for Arraba Reservoir	Shop Drawing	May 1, 2016	May 12, 2016	C
483	SUB-15-00010-JLR-304-A	Lightning System Shop Drawing for Jalqamus Reservoir	Shop Drawing	May 1, 2016	May 12, 2016	C
485	SUB-15-00010-KFR-305-A	Lightning System Shop Drawing forKuferit Reservoir	Shop Drawing	May 1, 2016	May 12, 2016	C
487	SUB-15-00010-SWJ-306-A	Updated CPM Schedule Submittal April 30,2016	preconstruction	May 1, 2016	May 19, 2016	B



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TASK ORDER SUBMITTALS LOG						
No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
488	SUB-15-00010-SWJ-307-A	Concrete Ready Mix Design Class A1 & A3 (35MPa Cylinder) Size 200 mm , Ya'bad Batch Plant	preconstruction	May 1, 2016	May 11, 2016	E
489	SUB-15-00010-JLR-308-A	Jalqamus 1000 m3 Reservoir Yard Piping and Fabrication Drawing	Shop Drawing	May 2, 2016	May 16, 2016	C
490	SUB-15-00010-JLR-308-B	Jalqamus 1000 m3 Reservoir Yard Piping and Fabrication Drawing	Shop Drawing	May 22, 2016	May 30, 2016	A
492	SUB-15-00010-SWJ-309-A	Formwork Material – Tie Rod Data Sheet		May 3, 2016	May 16, 2016	A
493	SUB-15-00010-AJR-310-A	Geotechnical Inspection Report For Ajja Reservoir		May 3, 2016	May 5, 2016	E
494	SUB-15-00010-AJP-311-A	Shop Drawings Cathodic Protection System Ajja Feeder Line(8") From STA. 0+443-1+260	Shop Drawing	May 4, 2016	May 16, 2016	C
495	SUB-15-00010-AJP-312-A	Shop Drawings Cathodic Protection System Ajja Force Line (8") From STA. 0+027 - 1+091 Ajja Feeder Line (8")From STA. 0+027 - 0+443	Shop Drawing	May 4, 2016	May 15, 2016	C
496	SUB-15-00010-JMT-313-A	Shop Drawings Cathodic Protection System Al Mughayyir-Al-Mutilla Force Line (6") From STA. 0+000 - TO STA. 1+685	Shop Drawing	May 4, 2016	May 16, 2016	C
497	SUB-15-00010-JLT-314-A	Shop Drawings Cathodic Protection System Jalqamus Al Mughayyir Force Line (6")From STA. 0+000 - TO STA. 2+752	Shop Drawing	May 4, 2016	May 16, 2016	C
498	SUB-15-00010-TJT-315-A	Shop Drawings Cathodic Protection System Telfit – Jalqamus Force Line (6") From STA. 2+135 - 2+328 Jalqamus – UmatutForce Line (6") From STA. 0+000 - 0+190	Shop Drawing	May 4, 2016	May 16, 2016	C
499	SUB-15-00010-JLT-316-A	Shop Drawings Cathodic Protection System Jalqamus – Umatut Force Line (6")From STA. 0+186 - 1+870	Shop Drawing	May 4, 2016	May 16, 2016	C
500	SUB-15-00010-YKT-317-A	Shop Drawings Cathodic Protection System Kuferit Force Line (6") From STA. 0+000 - 2+460	Shop Drawing	May 4, 2016	May 16, 2016	C
501	SUB-15-00010-SMT-318-A	Shop Drawings Cathodic Protection System Sanour -Meithalon Main Transmission Pipeline(10"+ 6") From STA. 0+000 - 0+134 (10") From STA. 0+000 - 0+086 (10"+6")	Shop Drawing	May 4, 2016	May 16, 2016	C
502	SUB-15-00010-SMT-319-A	Shop Drawings Cathodic Protection System Sanour -Meithalon Main Transmission Pipeline(10") From STA. 0+000 - 1+593	Shop Drawing	May 4, 2016	May 16, 2016	C
504	SUB-15-00010-SMT-320-A	Shop Drawings Cathodic Protection System Sanour -Meithalon Main Transmission Pipeline(10") From STA. 1+593 - 3+647	Shop Drawing	May 4, 2016	May 16, 2016	C
506	SUB-15-00010-TJT-321-A	Shop Drawings Cathodic Protection System Telfit - Jalqamus Force Line (6")From STA. 0+000 - TO STA. 2+136	Shop Drawing	May 4, 2016	May 16, 2016	C
507	SUB-15-00010-TJT-321-B	Shop Drawings Cathodic Protection System Telfit - Jalqamus Force Line (6")From STA. 0+000 - TO STA. 2+137	Shop Drawing	May 19, 2016	May 30, 2016	C
508	SUB-15-00010-TJT-321-C	Shop Drawings Cathodic Protection System Telfit - Jalqamus Force Line (6")From STA. 0+000 - TO STA. 2+138	Shop Drawing	May 31, 2016	June 8, 2016	B
509	SUB-15-00010-KFR-322-A	Kufairt Yard Piping & Fabrication Shop Drawings	Shop Drawing	May 8, 2016	May 30, 2016	C



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No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
511	SUB-15-00010-KFR-323-A	Uninterruptible Power Supply	Material-Elec	May 10, 2016	May 17, 2016	A
512	SUB-15-00010-SWJ-324-A	Welder Qualification Report Complementary	Material-Mec	May 12, 2016	May 19, 2016	A
513	SUB-15-00010-SWJ-325-A	Reservoirs Walls to Roof Joint Details - With Sample	Sample	May 15, 2016	May 23, 2016	C
514	SUB-15-00010-SWJ-325-B	Reservoirs Walls to Roof Joint Details - With Sample	Sample	May 31, 2016	June 6, 2016	A
515	SUB-15-00010-SWJ-326-A	Tank Roof Vent Shop Drawing	Shop Drawing	May 16, 2016	May 24, 2016	A
517	SUB-15-00010-SWJ-327-A	SWJ Jenin RTU Submittal Reserboir RTU's	Material-Elec	May 16, 2016	May 24, 2016	Retracted
518	SUB-15-00010-SWJ-328-A	Method of Statement for Concrete Temperature Control	Method Statement	May 17, 2016	May 23, 2016	C
520	SUB-15-00010-MTB-329-A	Flow Switch	Material-Elec	May 18, 2016	May 22, 2016	A
521	SUB-15-00010-KFR-330-A	Kuferit Rservoir Valve Vault Structural Drawing	Shop Drawing	May 18, 2016	May 30, 2016	C
523	SUB-15-00010-MTB-331-A	Pressure Switch for Booster Station Submittal	Material-Elec	May 18, 2016	May 24, 2016	C
524	SUB-15-00010-SWJ-332-A	Alternative Expansion JoinFlexicraft	Material-Mec	May 18, 2016	May 24, 2016	C
526	SUB-15-00010-KRR-333-A	Lightning System Shop Drawing for (1000) m3 Circular Kufer Ra'i Reservoir	Shop Drawing	May 19, 2016	May 30, 2016	A
527	SUB-15-00010-SWJ-334-A	GSM and DC Flow Meters With Pressure Transmitters For Chambers	Material-Elec	May 22, 2016	May 30, 2016	Retracted



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TASK ORDER SUBMITTALS LOG						
No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
530	SUB-15-00010-KRR-335-A	New Site Layout For Kafer Ra'i Reservoir	Shop Drawing	May 26, 2016	June 7, 2016	E
531	SUB-15-00010-SWJ-336-A	Additional Spare Sump Pumps - ROBIN EY 15 pumps	Material-Mec	May 26, 2016	June 19, 2016	B
532	SUB-15-00010-SWJ-337-A	DN:250mm Fabricated Elbow Design	Material-Mec	May 29, 2016	June 5, 2016	A
533	SUB-15-00010-SWJ-338-A	Steel Pipes Galvanized Fittings	Material-Mec	May 29, 2016	June 5, 2016	A
534	SUB-15-00010-SWJ-339-A	Equipment And System Operation And Maintenance Manuals	preconstruction	May 30, 2016	June 9, 2016	C
536	SUB-15-00010-SWJ-340-A	Stenflex Expansion Joint	Material-Mec	May 31, 2016	June 7, 2016	D
538	SUB-15-00010-KRR-341-A	Updated at Grade 1000 m ³ Kafer Ra'i Reservoir Structural Shop Drawings per SM-15-00010-KRR-E-C-018	Shop Drawing	May 31, 2016	June 9, 2016	A
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Annex J – Request For Information Log



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FROM THE AMERICAN PEOPLE

Request For Information Log

No.	RFI No.	Project	Description	Submitted Date	Response Date
1	RFI-15-00010-SWJ-C-E-001	SWJ	Perforated Pipes arrangement under Reservoir's Foundation (Arraba, Jalqamus, Ajja and Kafer Ra'i)	December 24, 2015	January 13, 2016
2	RFI-15-00010-SWJ-C-E-002	SWJ	Arraba Reservoir Future Discharge Pipe	January 25, 2016	February 3, 2016
3	RFI-15-00010-ARR-C-E-003	SWJ	Relocation of 8" steel pipe at Arraba Reservoir	January 28, 2016	February 10, 2016
4	RFI-15-00010-SWJ-C-E-004	SWJ	Reservoir Float Level Switches & Hatches Intrusion Switches	February 2, 2016	February 28, 2016
5	RFI-15-00010-KFR-C-E-005	SWJ	Kuferit Reservoir Location	February 3, 2016	February 16, 2016
6	RFI-15-00010-JLR-C-E-006	SWJ	Jalqamous Reservoir Change in Foundation Level	February 3, 2016	February 28, 2016
7	RFI-15-00010-SWJ-C-E-007	SWJ	Control valves specification required	February 4, 2016	March 6, 2016
8	RFI-15-00010-KRR-C-E-008	SWJ	Differing Site Conditions -Kafeior Raie Existing pipe line.	February 18, 2016	March 6, 2016
9	RFI-15-00010-SWJ-C-E-009	SWJ	Flow Meters for Reservoir and Chambers -System upgrade proposal	February 29, 2016	March 20, 2016
10	RFI-15-00010-SWJ-C-E-010	SWJ	Pressure rating for existing service connection chambers	March 2, 2016	March 6, 2016
11	RFI-15-00010-SWJ-C-E-011	SWJ	Additional Documents-Flowmeter for Reservoirs and Chambers-System Upgrade proposal	March 13, 2016	March 23, 2016
12	RFI-15-00010-SWJ-C-E-012	SWJ	Dimension of Meithalun Well Inlet Connection Chamber.	March 21, 2016	April 24, 2016
13	RFI-15-00010-SWJ-C-E-013	SWJ	Metal Work in the Project – Aluminum Handrail	April 3, 2016	April 10, 2016
14	RFI-15-00010-SWJ-C-E-014	SWJ	Air Valves Construction Material	April 10, 2016	April 18, 2016
15	RFI-15-00010-SWJ-C-E-015	SWJ	Control Valve Downstream Pressure and Flow Set Point	April 13, 2016	April 26, 2016
16	RFI-15-00010-ARR-C-E-016	SWJ	Replace of 25mm Steel Bars to 20 mm Steel Bars with the same steel area.	April 14, 2016	April 18, 2016
17	RFI-15-00010-ARR-C-E-017	SWJ	Cost Comparison - RFI-009 & RFI-011 / Flowmeter for Reservoirs and Chambers – System Upgrade proposal	April 17, 2016	May 5, 2016
18	RFI-15-00010-ARR-C-E-018	SWJ	Additional information to RFI-15-00010-SWJ-C-E-017-A	May 4, 2016	May 5, 2016



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Annex K - Letters and Correspondence with USAID



USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. AID-294-I-00-12-00002
TASK ORDER NO. AID-294-TO-15-00010
Southwest Jenin Water Project



INCOMING EMAILS LOG

No.	DCN No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
1	TMGI-15-00010-IN-0001	Re: South West Jenin Reservoir and Pumping Facilities - SWJP AID-294-I-00-12-00002 - AID-294-TO-15-00010 - (0% VAT Exemption)	Kamal Kasbary	USAID	Ghassan Alami	Morganti	October 30, 2015
2	TMGI-15-00010-IN-0002	Re: South West Jenin Reservoir and Pumping Facilities - SWJP AID-294-I-00-12-00002 - AID-294-TO-15-00010 Subcontractor Profile & Steel Pipe Supplier - Vetting Request	Kamal Kasbary	USAID	Ghassan Alami	Morganti	November 5, 2015
3	TMGI-15-00010-IN-0003	Re: TO 15-00010 SWJ : Mobilization Works	Kamal Kasbary	USAID	Ghassan Alami	Morganti	November 29, 2015
4	TMGI-15-00010-IN-0004	Re: SWJ Work Start Announcement Flyer	Kamal Kasbary	USAID	Ghassan Alami	Morganti	December 2, 2015
5	TMGI-15-00010-IN-0005	Re: TO 15 00010 SWJ: Vetting Request for Sanad Construction Industries	Kamal Kasbary	USAID	Ghassan Alami	Morganti	December 28, 2015



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No.	DCN No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
6	TMGI-15-00010-IN-0006	Re: TO 15 00010 SWJ: Vetting Request for Sanad Construction Industries	Kamal Kasbary	USAID	Ghassan Alami	Morganti	December 30, 2015
7	TMGI-15-00010-IN-0007	Re: TO 15 00010 SWJ: Vetting Request : Building Center, AL Shamal & Hijawi	Kamal Kasbary	USAID	Ghassan Alami	Morganti	January 13, 2016
1	TMGI-15-00010-IN-0008	Re: TO-15-10-SWJ: Construction Monthly Progress # 02 for December 2015- Revised	Kamal Kasbary	USAID	Ghassan Alami	Morganti	February 1, 2016
2	TMGI-15-00010-IN-0009	Re: SWJP- AID-294-TO-15-00010- Southwest Jenin Water Project -Jenin Center Vetting Form	Kamal Kasbary	USAID	Ghassan Alami	Morganti	February 2, 2016
3	TMGI-15-00010-IN-0010	Re: Task Order #15-00010, CPM Schedule	Kamal Kasbary	USAID	Ghassan Alami	Morganti	February 5, 2016



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No.	DCN No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
4	TMGI-15-00010-IN-0011	Re: TO-15-10-SWJ: Construction Monthly Progress # 02 for December 2015- R3	Kamal Kasbary	USAID	Ghassan Alami	Morganti	February 9, 2016
5	TMGI-15-00010-IN-0012	Re: TO-15-10-SWJ: Construction Monthly Progress # 03 for January 2016	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	February 10, 2016
6	TMGI-15-00010-IN-0013	Re: FW: Vetting Request and Approval Logs-Last Updated February 7, 2016 / GAZI, GAZII & SWJ	Kamal Kasbary	USAID	Ghassan Alami	Morganti	February 22, 2016
7	TMGI-15-00010-IN-0014	Re: SWJ - Task Order Manager	Kamal Kasbary	USAID	Ghassan Alami	Morganti	February 22, 2016
8	TMGI-15-00010-IN-0015	Re: SWJ - Task Order Manager	Kamal Kasbary	USAID	Ghassan Alami	Morganti	February 22, 2016



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No.	DCN No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
9	TMGI-15-00010-IN-0016	Re: TO-15-10-SWJ: Construction Monthly Progress # 02 for December 2015	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	February 24, 2016
10	TMGI-15-00010-IN-0017	Re: SWJ - Task Order Manager	Kamal Kasbary	USAID	Ghassan Alami	Morganti	February 25, 2016
11	TMGI-15-00010-IN-0018	SWJ - Monthly Reports	Kamal Kasbary	USAID	Ghassan Alami	Morganti	February 26, 2016
12	TMGI-15-00010-IN-0019	RE: SWJ - Monthly Reports	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	February 27, 2016
13	TMGI-15-00010-IN-0020	RE: TO-15-10-SWJ: Construction Monthly Progress # 02 for December 2015rev	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	February 27, 2016



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No.	DCN No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
14	TMGI-15-00010-IN-0021	Re: TO-15-10-SWJ: Construction Monthly Progress # 02 for December 2015rev	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	February 29, 2016
1	TMGI-15-00010-IN-0022	Re: FW: Vetting Request and Approval Logs-Last Updated February 7, 2016 / GAZI, GAZII & SWJ	Kamal Kasbary	USAID	Ghassan Alami	Morganti	March 1, 2016
2	TMGI-15-00010-IN-0023	Re: TO-15-00010-SWJ-Vetting Request Renewal - Future Iron Pipes	Kamal Kasbary	USAID	Ghassan Alami	Morganti	March 2, 2016
3	TMGI-15-00010-IN-0024	Monthly Report GEO-MIS reporting summary sheet	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	February 29, 2016
4	TMGI-15-00010-IN-0025	Re: TO-15-10-SWJ: Construction Monthly Progress # 02 for December 2015	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	March 8, 2016



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No.	DCN No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
5	TMGI-15-00010-IN-0026	Re: SWJ - Monthly Progress Report No.3 , January , 2016	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	March 8, 2016
6	TMGI-15-00010-IN-0027	Re: SWJ - Monthly Progress Report No.3 , January , 2016	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	March 8, 2016
7	TMGI-15-00010-IN-0028	SWJ - Permits for Gaza holders	Kamal Kasbary	USAID	Ghassan Alami	Morganti	March 16, 2016
8	TMGI-15-00010-IN-0029	Re: TO 15-10 SWJ -- SWJ Donation Request	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	March 21, 2016
9	TMGI-15-00010-IN-0030	Re: TO-15-00010-SWJ: Daily Report- Feb 1 to 10, 2016	Kamal Kasbary	USAID	Siag, Abe; Tharwat Abu Baker	Morganti & BV	March 22, 2016



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No.	DCN No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
10	TMGI-15-00010-IN-0031	Fwd: TO 15-00010 SWJ: Contractor's Monthly Progress Report #03 Comments	Kamal Kasbary	USAID	Siag, Abe; Tharwat Abu Baker	Morganti & BV	March 22, 2016
11	TMGI-15-00010-IN-0032	Re: SWJ - Monthly Progress Report No.3 , January , 2016	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	March 24, 2016
12	TMGI-15-00010-IN-0033	Re: SWJ - Monthly Progress Report No.3 , January , 2016	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	March 28, 2016
13	TMGI-15-00010-IN-0034	Re: SWJ-TO-15-00010-Vetting Request- S.aL Technologies	Kamal Kasbary	USAID	Ghassan Alami	Morganti	March 29, 2016
14	TMGI-15-00010-IN-0035	Re: TO 15-10 SWJ -- SWJ Donation Request- Revised	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	March 29, 2016



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No.	DCN No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
15	TMGI-15-00010-IN-0036	Re: TO 15-10 SWJ -- SWJ Donation List of Suppliers	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	March 30, 2016
16	TMGI-15-00010-IN-0037	Re: TO 15-10 SWJ -- SWJ Donation List of Suppliers	Kamal Kasbary	USAID	Ghassan Alami	Morganti	March 30, 2016
1	TMGI-15-00010-IN-0038	Re: SWJ-Vetting Request- Al Darb For Water , Irrigation and Sewage Supply	Kamal Kasbary	USAID	Ghassan Alami	Morganti	April 5, 2016
2	TMGI-15-00010-IN-0039	Re: TO 15-00010 SWJ: Contractor's Monthly Progress Report #04- February 2016	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	April 7, 2016
3	TMGI-15-00010-IN-0040	Re: SWJ Project - Key Personnel Approval - CWI	Kamal Kasbary	USAID	Ghassan Alami	Morganti	April 8, 2016



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No.	DCN No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
4	TMGI-15-00010-IN-0041	Re: TO 15-00010 SWJ: Contractor's Monthly Progress Report #04- February 2016	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	April 11, 2016
5	TMGI-15-00010-IN-0042	Re: TO 15-00010 SWJ: Contractor's Monthly Progress Report #04- February 2016 R5	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	April 11, 2016
6	TMGI-15-00010-IN-0043	Re: TO-15-10-SWJ: Construction Monthly Progress # 05 for March , 2016	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	April 18, 2016
7	TMGI-15-00010-IN-0044	Re: TO 15-10 SWJ -- SWJ Donation List of Suppliers	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	April 18, 2016
8	TMGI-15-00010-IN-0045	Re: 15-000010 SWJ: Status update	Kamal Kasbary	USAID	Ghassan Alami	Morganti	April 19, 2016



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No.	DCN No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
9	TMGI-15-00010-IN-0046	Re: 15-000010 SWJ: Status update	Kamal Kasbary	USAID	Ghassan Alami	Morganti	April 19, 2016
10	TMGI-15-00010-IN-0046	FW: USAID - SWJ Site Visit, April 20, 2016	Kamal Kasbary	USAID	Ghassan Alami; Tharwat Abu Baker; Safi, Adnan; Siag, Abe; Najajreh, Mukhlis	Morganti & BV	April 19, 2016
	TMGI-15-00010-IN-0047	Re: TO-15-00010-SWJ-Vetting Request Renewal - Jenin Center for Engineering Tests (JCET)	Kamal Kasbary	USAID	Ghassan Alami	Morganti	May 2, 2016
	TMGI-15-00010-IN-0048	Re: SWJ - March and April Geo-MIS audit meeting	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	May 3, 2016
	TMGI-15-00010-IN-0049	Re: TO 15 00010 SWJ: Vetting Request for Sanad Construction Industries	Kamal Kasbary	USAID	Ghassan Alami	Morganti	May 10, 2016
	TMGI-15-00010-IN-0050	Re: SWJ- Al Huda Fuel Company as requested - PVS: Vetting Determination(s)	Kamal Kasbary	USAID	Ghassan Alami	Morganti	May 10, 2016



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No.	DCN No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
	TMGI-15-00010-IN-0051	Re: TO 15-00010 SWJ-Proposed Manhole Cover Inscription	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	May 13, 2016
	TMGI-15-00010-IN-0052	Re: SWJ- Al Huda Fuel Company as requested - PVS: Vetting Determination(s)	Kamal Kasbary	USAID	Ghassan Alami	Morganti	May 16, 2016
	TMGI-15-00010-IN-0053	Re: TO 15-00010 SWJ: Draft 2 Contractor MPR March 2016 _ Review Comments	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	May 23, 2016
	TMGI-15-00010-IN-0054	Re: TO-15-10-SWJ: Construction Monthly Progress # 06 for April, 2016	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	May 24, 2016
	TMGI-15-00010-IN-0055	Re: TO 15-00010 SWJ: Draft 2 Contractor MPR March 2016 _ Review Comments	Kamal Kasbary	USAID	Ibrahim Abdulrahim	Morganti	May 24, 2016
	TMGI-15-00010-IN-0056	Re: TO 15-00010 SWJ: Contractor MPR March 2016 - final	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	May 24, 2016
	TMGI-15-00010-IN-0057	Re: FW: SWJ- AID-294-TO-15-00010-Building Center-Renewal. (Modified)	Kamal Kasbary	USAID	Ghassan Alami	Morganti	May 30, 2016



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No.	DC No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
1	TMGI-15-00010-OUT-0001	Southwest Jenin Water Project - SWJP AID-294-I-00-12-00002 - AID-294-TO-15-00010 - Performance/Maintenance Bond	Ghassan Alami	Morganti	Sandy Sakran	USAID	October 23, 2015
2	TMGI-15-00010-OUT-0002	RE: Southwest Jenin Water Project - SWJP AID-294-I-00-12-00002 - AID-294-TO-15-00010 - Performance/Maintenance Bond	Ghassan Alami	Morganti	Sandy Sakran	USAID	October 25, 2015
3	TMGI-15-00010-OUT-0003	South West Jenin Reservoir and Pumping Facilities - SWJP AID-294-I-00-12-00002 - AID-294-TO-15-00010 - (0% VAT Exemption)	Ghassan Alami	Morganti	Kamal Kasbary	USAID	October 30, 2015
4	TMGI-15-00010-OUT-0004	South West Jenin Reservoir and Pumping Facilities - SWJP AID-294-I-00-12-00002 - AID-294-TO-15-00010 Subcontractor Profile - No Objection Request	Ghassan Alami	Morganti	Kamal Kasbary	USAID	October 30, 2015
5	TMGI-15-00010-OUT-0005	South West Jenin Reservoir and Pumping Facilities - SWJP AID-294-I-00-12-00002 - AID-294-TO-15-00010 Subcontractor Profile & Steel Pipe Supplier - Vetting Request	Ghassan Alami	Morganti	Kamal Kasbary	USAID	November 2, 2015
6	TMGI-15-00010-OUT-0006	SWJP- AID-294-TO-15-00010- Southwest Jenin Water Project - BCI Vetting Request	Ghassan Alami	Morganti	Kamal Kasbary	USAID	November 25, 2015
7	TMGI-15-00010-OUT-0007	RE: TO 15-00010 SWJ : Mobilization Works	Ghassan Alami	Morganti	Kamal Kasbary	USAID	November 27, 2015



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No.	DC No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
8	TMGI-15-00010-OUT-0008	SWJ Work Start Announcement Flyer	Ghassan Alami	Morganti	Kamal Kasbary	USAID	November 28, 2015
9	TMGI-15-00010-OUT-0009	RE: SWJ - Insurances	Ghassan Alami	Morganti	Kamal Kasbary	USAID	November 29, 2015
10	TMGI-15-00010-OUT-0010	RE: SWJ Work Start Announcement Flyer	Ghassan Alami	Morganti	Kamal Kasbary	USAID	December 2, 2015
11	TMGI-15-00010-OUT-0011	RE: SWJ Work Start Announcement Flyer	Ghassan Alami	Morganti	Kamal Kasbary	USAID	December 2, 2015
12	TMGI-15-00010-OUT-0012	TO-15-10-SWJ: Construction Monthly Progress # 01 for November 2015	Ghassan Alami	Morganti	Kamal Kasbary	USAID	December 6, 2015
13	TMGI-15-00010-OUT-0013	RE: TO 15-0010 SWJ: Progress Meeting	Ghassan Alami	Morganti	Kamal Kasbary	USAID	December 7, 2015
14	TMGI-15-00010-OUT-0014	RE: TO-15-10-SWJ: Construction Monthly Progress # 01 for November 2015	Ghassan Alami	Morganti	Kamal Kasbary	USAID	December 16, 2015



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No.	DC No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
15	TMGI-15-00010-OUT-0015	RE: Task Order #15-00010, Key Personnel.	Ghassan Alami	Morganti	Kamal Kasbary	USAID	December 17, 2015
16	TMGI-15-00010-OUT-0016	RE: Key Personnel - Task Order 15-00010	Ghassan Alami	Morganti	Kamal Kasbary	USAID	December 17, 2015
17	TMGI-15-00010-OUT-0017	RE: TO-15-10-SWJ: Construction Monthly Progress # 01 for November 2015	Ghassan Alami	Morganti	Kamal Kasbary	USAID	December 17, 2015
18	TMGI-15-00010-OUT-0018	TO 15 00010 SWJ: Vetting Request for Sanad Construction Industries	Ghassan Alami	Morganti	Kamal Kasbary	USAID	December 26, 2015
19	TMGI-15-00010-OUT-0019	RE: TO 15 00010 SWJ: Vetting Request for Sanad Construction Industries	Ghassan Alami	Morganti	Kamal Kasbary	USAID	December 28, 2015
20	TMGI-15-00010-OUT-0020	TO-15-10-SWJ: Construction Monthly Progress # 02 for December 2015	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	January 5, 2016
21	TMGI-15-00010-OUT-0020	TO 15 00010 SWJ: Vetting Request : Building Center, AL Shamal & Hijjawji	Ghassan Alami	Morganti	Kamal Kasbary	USAID	January 7, 2016



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No.	DC No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
22	TMGI-15-00010-OUT-0021	RE: TO-15-10-SWJ: Construction Monthly Progress # 02 for December 2015- Revised	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	January 19, 2016
23	TMGI-15-00010-OUT-0022	SWJP- AID-294-TO-15-00010- Southwest Jenin Water Project -Jenin Center Vetting Form	Ghassan Alami	Morganti	Kamal Kasbary	USAID	January 28, 2016
24	TMGI-15-00010-OUT-0023	RE: TO-15-10-SWJ: Construction Monthly Progress # 03 for January 2016	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	February 4, 2016
25	TMGI-15-00010-OUT-0024	RE: Task Order #15-00010, CPM Schedule	Ghassan Alami	Morganti	Kamal Kasbary	USAID	February 5, 2016
26	TMGI-15-00010-OUT-0025	RE: SWJ - Pipeline bypass at Araba	Ghassan Alami	Morganti	Kamal Kasbary	USAID	February 5, 2016
27	TMGI-15-00010-OUT-0026	RE: TO-15-10-SWJ: Construction Monthly Progress # 02 for December 2015- R3	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	February 8, 2016
28	TMGI-15-00010-OUT-0027	RE: TO-15-10-SWJ: Construction Monthly Progress # 02 for December 2015- R3	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	February 9, 2016



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No.	DC No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
29	TMGI-15-00010-OUT-0028	Southwest Jenin Water Project - Vetting Form-The Ahlia Insurance Group- Renewal	Ghassan Alami	Morganti	Kamal Kasbary	USAID	February 13, 2016
30	TMGI-15-00010-OUT-0029	FW: Vetting Request and Approval Logs-Last Updated February 7, 2016 / GAZI, GAZII & SWJ	Ghassan Alami	Morganti	Kamal Kasbary	USAID	February 17, 2016
31	TMGI-15-00010-OUT-0030	TO-15-00010-SWJ-Vetting Request Renewal - Future Iron Pipes	Ghassan Alami	Morganti	Kamal Kasbary	USAID	February 18, 2016
32	TMGI-15-00010-OUT-0031	RE: SWJ - Task Order Manager	Ghassan Alami	Morganti	Kamal Kasbary	USAID	February 21, 2016
33	TMGI-15-00010-OUT-0032	FW: Vetting Request and Approval Logs-Last Updated February 7, 2016 / GAZI, GAZII & SWJ	Ghassan Alami	Morganti	Kamal Kasbary	USAID	February 22, 2016
34	TMGI-15-00010-OUT-0033	RE: TO-15-10-SWJ: Construction Monthly Progress # 02 for December 2015	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	February 22, 2016
1	TMGI-15-00010-OUT-0034	TO 15-10 SWJ -- SWJ Donation Request	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	March 21, 2016



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No.	DC No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
2	TMGI-15-00010-OUT-0035	RE: TO-15-00010-SWJ: Daily Report- Feb 1 to 10, 2016	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	March 22, 2016
3	TMGI-15-00010-OUT-0036	RE: SWJ - Monthly Progress Report No.3 , January , 2016	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	March 27, 2016
4	TMGI-15-00010-OUT-0037	RE: TO 15-10 SWJ -- SWJ Donation Request- Revised	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	March 28, 2016
5	TMGI-15-00010-OUT-0038	RE: TO 15-10 SWJ -- SWJ Donation List of Suppliers	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	March 30, 2016



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No.	DC No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
1	TMGI-15-00010-OUT-0038	RE: TO 15-00010 SWJ: Contractor's Monthly Progress Report #04- February 2016	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	April 3, 2016
2	TMGI-15-00010-OUT-0038	RE: TO-15-10-SWJ: Construction Monthly Progress # 05 for March , 2016	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	April 5, 2016
3	TMGI-15-00010-OUT-0038	RE: TO 15-00010 SWJ: Contractor's Monthly Progress Report #04- February 2016	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	April 9, 2016
4	TMGI-15-00010-OUT-0038	FW: TO 15-10 SWJ : Denation Number- Kamal Emailles	Ghassan Alami	Morganti	Kamal Kasbary	USAID	April 9, 2016



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No.	DC No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
5	TMGI-15-00010-OUT-0038	RE: TO 15-00010 SWJ: Contractor's Monthly Progress Report #04- February 2016	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	April 11, 2016
6	TMGI-15-00010-OUT-0038	RE: TO 15-00010 SWJ: Contractor's Monthly Progress Report #04- February 2016 R5	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	April 11, 2016
7	TMGI-15-00010-OUT-0038	RE: TO 15-10 SWJ -- SWJ Donation List of Suppliers	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	April 18, 2016
8	TMGI-15-00010-OUT-0038	: TO 15-10 SWJ -- SWJ Donation List of Suppliers	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	April 18, 2016



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 CONTRACT NO. AID-294-I-00-12-00002
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OUTGOING EMAILS LOG

No.	DC No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
9	TMGI-15-00010-OUT-0038	TO 15-00010 SWJ-Proposed Manhole Cover Inscription	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	April 19, 2016
10	TMGI-15-00010-OUT-0038	FW: TO-15-00010-SWJ: Pipe Marking	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	April 20, 2016
11	TMGI-15-00010-OUT-0038	FW: SWJ - Donation Number Request for S.AL Technologies & Al Darb Co.	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	April 26, 2016
	TMGI-15-00010-OUT-0039	RE: SWJ Project, Task Order #15-010	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	May 2, 2016



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OUTGOING EMAILS LOG

No.	DC No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
	TMGI-15-00010-OUT-0040	SWJ :second shipment of coated 6" pipes	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	May 2, 2016
	TMGI-15-00010-OUT-0041	RE: SWJ Project, Task Order #15-010-Revised March 2016 monthly progress report.	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	May 2, 2016
	TMGI-15-00010-OUT-0042	RE: SWJ : shipments of coated 6" pipes	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	May 4, 2016
	TMGI-15-00010-OUT-0043	SWJ Project, -Revised March 2016 monthly progress report no. 5.	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	May 5, 2016
	TMGI-15-00010-OUT-0044	RE: TO-15-10-SWJ: Construction Monthly Progress # 06 for April, 2016	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	May 5, 2016
	TMGI-15-00010-OUT-0045	SWJ Project, -Revised March 2016 monthly progress report no. 5.	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	May 8, 2016
	TMGI-15-00010-OUT-0046	RE: TO 15 00010 SWJ: Telfit - Jalqamous Pipe Line Start Work	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	May 10, 2016
	TMGI-15-00010-OUT-0047	RE: SWJ : shipments of coated 6" pipes	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	May 11, 2016



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OUTGOING EMAILS LOG

No.	DC No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
	TMGI-15-00010-OUT-0048	RE: FW: SWJ - Donation Number Request for S.AL Technologies & Al Darb Co.	Ghassan Alami	Morganti	Kamal Kasbary	USAID	May 14, 2016
	TMGI-15-00010-OUT-0049	RE: SWJ : shipments of coated 8" & 10" pipes	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	May 17, 2016
	TMGI-15-00010-OUT-0050	RE: SWJ : shipments of coated 10" pipes	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	May 18, 2016
	TMGI-15-00010-OUT-0051	RE: TO 15-00010 SWJ: Draft 2 Contractor MPR March 2016 _ Review Comments	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	May 19, 2016
	TMGI-15-00010-OUT-0052	RE: TO 15-00010 SWJ: Contractor MPR March 2016 - final	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	May 24, 2016
	TMGI-15-00010-OUT-0053	RE: SWJ : shipments of coated 10" & 8" pipes	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	May 28, 2016



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Annex L - Payments schedule



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FROM THE AMERICAN PEOPLE

Progress payment schedule :

Payment No.	Description	Submitted Date	Amount	Amount Received	Date Received
PAY-15-00010-SWJ-001	Mobilization payment	December 28, 2015	\$ 474,264.13	\$ 474,264.13	January 08, 2016
PAY-15-00010-SWJ-002	Progress payment # 2	March 15, 2016	\$ 146,137.27	\$ 146,137.27	April 26, 2016
PAY-15-00010-SWJ-003	Progress payment # 3	April 27, 2016	\$ 284,339.11	\$ 284,339.11	May 22, 2016
PAY-15-00010-SWJ-004	Progress payment # 4	May 30, 2016	\$ 379,736.10	\$ 379,736.10	June 16, 2016



Annex M – Geo MIS Data



USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO.: AID-294-I-00-12-00002
TASK ORDER NO.: AID-294-TO-15-00010
TASK ORDER SHORT NAME: SWJ
Temporary Job Days Summary Report



Task Order Name: Southwest Jenin Water Project
Contractor : The Morganti Group, Inc.
Sub-Contractor: Saqqa & Khoudary Co. Ltd.

PERIOD FROM: October 26, 2015
PERIOD TO: June 30, 2016

Date		Task Order Component									Total Job Days	*No. of Full Time Equivalent (FTE) Jobs in a month*	Segregation by Gender (days)		Notes / comments
		Site staff Job days **											Female	Male	
Month	Year	Kuferit Reservoir	Ajja Reservoir	Jalqamus Reservoir	Kafer Ra'a Reservoir	Arraba Reservoir	Al Mutilla Reservoir and booster station	Sanur Maythaloun Main Transmission Pipeline	Main Transmission's and Local Networks, note below	Chambers rehabilitations					
October	2015	1.125	1.125	1.125	1.125	1.125	1.125	1.125	1.125	1.000	10.00	0.42	0.00	10.00	
November	2015	16.375	13.375	14.375	13.375	14.375	14.375	17.375	13.250	0.125	117.00	4.92	0.00	117.00	380.068
December	2015	48.375	48.000	62.125	47.125	54.125	93.375	46.375	46.375	45.625	491.50	20.65	39.00	452.50	348.75
January	2016	72.000	71.125	161.625	75.625	117.625	121.125	70.625	70.125	70.125	830.00	34.87	52.00	778.00	82.77836134
February	2016	68.000	15.875	206.625	47.000	225.000	208.250	41.500	40.625	40.500	893.38	37.54	48.00	845.38	
March	2016	200.250	37.625	270.875	47.250	365.875	222.500	40.625	35.375	35.750	1256.13	52.78	53.75	1202.38	
April	2016	271.625	111.125	342.125	46.250	355.500	257.250	63.750	49.625	35.625	1532.875	64.407	50.00	1482.88	1918.125
May	2016	278.375	232.000	327.000	49.250	432.875	237.375	50.500	299.125	38.125	1944.625	81.707	54	1890.625	1970.125
June	2016	266.625	289.500	222.500	51.500	436.000	248.500	343.250	75.500	36.750	1970.125	82.778	52	1918.125	9045.625
July	2016										0	0.000			9045.63
August	2016										0	0.000			8696.88
September	2016										0	0.000			8696.875
Subtotal FY 2016		1222.750	819.750	1608.375	378.500	2002.500	1403.875	675.125	631.125	303.625	9045.63	380.07	348.75	8696.88	
October	2016										0	0.000			
November	2016										0	0.000			
December	2016										0	0.000			
January	2017										0	0.000			
February	2017										0	0.000			
Subtotal FY 2017		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Grand Total		1222.750	819.750	1608.375	378.500	2002.500	1403.875	675.125	631.125	303.625	9045.63	380.07	348.75	8696.88	

Main Transmission's & local Networks: Include the followings:

- Kuferit Main Transmission Pipeline
- Ajja Force Main and Feeder Pipeline
- Telfit-Jalqamous and Jalqamus Umatut Force Line
- Jalqamus Al Mughayyir and Al Mughayyir Al Mutilla Force Main and Al Mutilla Distribution System

Note :

- * No of Full Time Equivalent (FTE) Jobs in the Month = Total Job Days / Avg. Days in the Month(23.8)
- ** This data collection sheet is for Palestinian staff only , experts and foreign employee shall not be included.



USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO.: AID-294-I-00-12-00002
TASK ORDER NO.: AID-294-TO-15-00010
TASK ORDER SHORT NAME: SWJ
Temporay Job Days Report



Task Order Name: Southwest Jenin Water Project
Contractor : The Morganti Group, Inc.
Sub-Contractor: Saqqa & Khoudary Co. Ltd.

PERIOD FROM: October 26, 2015
PERIOD TO: October 31, 2015

Date	Task Order Component									Total Job Days	Segregation by Gender "Day"		Notes / comments
	Site staff Job hours **										Female	Male	
Month	Kuferit Reservoir	Ajja Reservoir	Jalqamous Reservoir	Kafer Ra'a Reservoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks, note below	Chambers rehabilitations				
October 26, 2015	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	2	0	2	
October 27, 2015	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	2	0	2	
October 28, 2015	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	2	0	2	
October 29, 2015	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	2	0	2	
October 30, 2015	0	0	0	0	0	0	0	0	0	0	0	0	
October 31, 2015	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	2	0	2	
Total hours	9	9	9	9	9	9	9	9	8				
Total Days	1.125	1.125	1.125	1.125	1.125	1.125	1.125	1.125	1	10	0	10	



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CONTRACT NO.: AID-294-I-00-12-00002
TASK ORDER NO.: AID-294-TO-15-00010
TASK ORDER SHORT NAME: SWJ
Temporay Job Days Report



Task Order Name: Southwest Jenin Water Project
Contractor : The Morganti Group, Inc.
Sub-Contractor: Saqqa & Khoudary Co. Ltd.

PERIOD FROM: November 01, 2015
PERIOD TO: November 30, 2015

Date	Task Order Component									Total Job Days	Segregation by Gender		Notes / comments
	Site staff Job hours										Female	Male	
Month	Kuferit Reservoir	Ajja Reservoir	Jalqamous Reservoir	Kafer Ra'a Reservoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks, note below	Chambers rehabilitations				
November 1, 2015	2	2	2	2	2	2	2	2	0	2	0	2	
November 2, 2015	2	2	2	2	2	2	2	2	0	2	0	2	
November 3, 2015	2	2	2	2	2	2	2	2	0	2	0	2	
November 4, 2015	2	2	2	2	2	2	2	2	0	2	0	2	
November 5, 2015	2	2	2	2	2	2	2	2	0	2	0	2	
November 6, 2015	0	0	0	0	0	0	0	0	0	0	0	0	
November 7, 2015	4	4	4	4	4	4	4	4	0	4	0	4	
November 8, 2015	4	4	4	4	4	4	4	4	0	4	0	4	
November 9, 2015	4	4	4	4	4	4	4	4	0	4	0	4	
November 10, 2015	4	4	4	4	4	4	4	4	0	4	0	4	
November 11, 2015	2	2	10	2	2	10	2	2	0	4	0	4	
November 12, 2015	2	2	2	2	2	2	18	2	0	4	0	4	
November 13, 2015	0	0	0	0	0	0	0	0	0	0	0	0	
November 14, 2015	2	2	2	2	2	2	18	2	0	4	0	4	
November 15, 2015	6	6	6	6	6	6	6	6	0	6	0	6	
November 16, 2015	4	4	4	4	4	4	4	4	0	4	0	4	
November 17, 2015	4	4	4	4	4	4	4	4	0	4	0	4	
November 18, 2015	4	4	4	4	4	4	4	4	0	4	0	4	
November 19, 2015	6	6	6	6	6	6	6	6	0	6	0	6	
November 20, 2015	0	0	0	0	0	0	0	0	0	0	0	0	
November 21, 2015	6	6	6	6	6	6	6	6	0	6	0	6	
November 22, 2015	12	4	4	4	12	4	4	4	0	6	0	6	
November 23, 2015	20	4	4	4	4	4	4	4	0	6	0	6	
November 24, 2015	6	6	6	6	6	6	6	6	0	6	0	6	
November 25, 2015	6	6	6	6	6	6	6	6	0	6	0	6	
November 26, 2015	6	6	6	6	6	6	6	6	0	6	0	6	
November 27, 2015	0	0	0	0	0	0	0	0	0	0	0	0	
November 28, 2015	5	5	5	5	5	5	5	5	0	5	0	5	
November 29, 2015	6	6	6	6	6	6	6	6	0	6	0	6	



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Temporay Job Days Report



Task Order Name: Southwest Jenin Water Project
Contractor : The Morganti Group, Inc.
Sub-Contractor: Saqqa & Khoudary Co. Ltd.

PERIOD FROM: November 01, 2015
PERIOD TO: November 30, 2015

Date	Task Order Component									Total Job Days	Segregation by Gender		Notes / comments
	Site staff Job hours										Female	Male	
Month	Kuferit Reservoir	Aja Reservoir	Jalqamous Reservoir	Kafer Ra'a Reservoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks, note below	Chambers rehabilitations				
November 30, 2015	6	6	6	6	6	6	6	6	0	6	0	6	
Corrections	2	2	2	2	2	2	2	1	1	2		2	
Total Hours	131	107	115	107	115	115	139	106	1				
Total Days	16.375	13.375	14.375	13.375	14.375	14.375	17.375	13.25	0.125	117	0	117	



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Task Order Name: Southwest Jenin Water Project
Contractor : The Morganti Group, Inc.
Sub-Contractor: Saqqa & Khoudary Co. Ltd.

PERIOD FROM: December 01, 2015
PERIOD TO: December 31, 2015

Date	Task Order Component									Total Job Days	Segregation by Gender		Notes / comments
	Site staff Job hours										Female	Male	
Month	Kuferit Reservoir	Ajja Reservoir	Jalqamous Reservoir	Kafer Ra'a Reservoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks, note below	Chambers rehabilitations				
December 1, 2015	8	6	6	6	6	6	6	6	6	7	0	7	
December 2, 2015	8	7	7	7	7	7	7	7	7	8	0	8	
December 3, 2015	8	7	7	7	7	7	7	7	7	8	0	8	
December 4, 2015	0	0	0	0	0	0	0	0	0	0	0	0	
December 5, 2015	7	8	7	7	7	7	7	7	7	8	0	8	
December 6, 2015	9	9	9	9	9	9	9	9	8	10	1	9	
December 7, 2015	9	9	9	9	9	9	9	9	8	10	1	9	
December 8, 2015	13	13	13	13	12	12	12	12	12	14	1	13	
December 9, 2015	12	12	12	12	13	13	13	13	12	14	1	13	
December 10, 2015	12	12	12	12	13	13	13	13	12	14	1	13	
December 11, 2015	0	0	0	0	0	0	0	0	0	0	0	0	
December 12, 2015	13	13	13	13	12	12	12	12	12	14	1	13	
December 13, 2015	14	14	14	13	13	13	13	13	13	15	1	14	
December 14, 2015	17	17	17	17	17	17	17	17	16	19	2	17	
December 15, 2015	13	13	13	13	12	12	12	12	12	14	2	12	
December 16, 2015	11	11	18	11	11	18	11	11	10	14	2	12	
December 17, 2015	13	13	13	13	12	37	12	12	12	17.125	2	15.125	
December 18, 2015	6	6	6	5	5	5	5	5	5	6	0	6	
December 19, 2015	15	15	14	14	14	78	14	14	14	24	2	22	
December 20, 2015	16	16	48	16	16	15	15	15	15	21.5	2	19.5	
December 21, 2015	16	16	48	16	17	49	17	17	16	26.5	2	24.5	
December 22, 2015	17	17	35	17	16	48	16	16	16	24.75	2	22.75	
December 23, 2015	19	19	18	18	18	18	18	18	18	20.5	2	18.5	
December 24, 2015	17	17	17	18	18	18	17	17	17	19.5	2	17.5	
December 25, 2015	6	6	6	5	5	5	5	5	5	6	0	6	
December 26, 2015	18	18	18	19	19	18	18	18	18	20.5	2	18.5	
December 27, 2015	19	19	18	18	18	50	18	18	18	24.5	2	22.5	
December 28, 2015	17	17	17	16	52	56	16	16	17	28	2	26	
December 29, 2015	18	18	18	17	27	65	17	17	17	26.75	2	24.75	
December 30, 2015	17	17	45	17	29	65	18	18	18	30.5	2	28.5	



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Task Order Name: Southwest Jenin Water Project
Contractor : The Morganti Group, Inc.
Sub-Contractor: Saqqa & Khoudary Co. Ltd.

PERIOD FROM: December 01, 2015
PERIOD TO: December 31, 2015

Date	Task Order Component									Total Job Days	Segregation by Gender		Notes / comments
	Site staff Job hours										Female	Male	
Month	Kuferit Reservoir	Aija Reservoir	Jalqamous Reservoir	Kafer Ra'a Reservoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks, note below	Chambers rehabilitations				
December 31, 2015	19	19	19	19	19	65	17	17	17	26.375	2	24.375	
Total Hours	387	384	497	377	433	747	371	371	365				
Total Days	48.375	48	62.125	47.125	54.125	93.375	46.375	46.375	45.625	491.5	39	452.5	



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Task Order Name: Southwest Jenin Water Project
Contractor : The Morganti Group, Inc.
Sub-Contractor: Saqqa & Khoudary Co. Ltd.

PERIOD FROM: January 01, 2016
PERIOD TO: January 31, 2016

Date	Task Order Component									Total Job Days	Segregation by Gender		Notes / comments
	Site staff Job hours										Female	Male	
Month	Kuferit Reservoir	Aja Reservoir	Jalqamous Reservoir	Kafer Ra'a Reservoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks, note below	Chambers rehabilitations				
January 1, 2016	6	6	6	5	5	5	5	5	5	6	0	6	
January 2, 2016	18	18	18	19	27	66	18	18	18	27.5	2	25.5	
January 3, 2016	19	19	19	19	19	76	19	19	19	28.5	2	26.5	
January 4, 2016	19	19	19	19	52	52	19	19	19	29.625	2	27.625	
January 5, 2016	28	20	53	21	37	45	20	20	20	33	2	31	
January 6, 2016	20	20	20	52	44	52	20	20	20	33.5	2	31.5	
January 7, 2016	22	22	64	22	22	22	22	21	21	29.75	2	27.75	
January 8, 2016	7	7	7	7	7	7	6	6	6	7.5	0	7.5	
January 9, 2016	19	19	59	19	53	20	19	19	19	30.75	2	28.75	
January 10, 2016	19	19	59	19	72	20	19	19	19	33.125	2	31.125	
January 11, 2016	22	22	62	22	54	22	22	21	21	33.5	2	31.5	
January 12, 2016	20	20	60	20	76	20	20	20	20	34.5	2	32.5	
January 13, 2016	25	25	25	25	80	24	24	24	24	34.5	2	32.5	
January 14, 2016	21	22	70	22	21	21	21	21	21	30	2	28	
January 15, 2016	8	8	8	8	8	8	8	8	8	9	0	9	
January 16, 2016	21	21	70	22	38	47	21	21	21	35.25	2	33.25	
January 17, 2016	21	21	70	21	38	46	21	21	21	35	2	33	
January 18, 2016	20	20	69	21	21	29	20	20	20	30	2	28	
January 19, 2016	19	19	19	19	19	19	18	18	18	21	2	19	
January 20, 2016	22	22	70	22	23	23	22	22	22	31	2	29	
January 21, 2016	22	22	70	22	23	23	22	22	22	31	2	29	
January 22, 2016	8	8	8	8	8	8	8	8	8	9	0	9	
January 23, 2016	21	21	70	22	40	40	22	21	21	34.75	2	32.75	
January 24, 2016	19	19	20	19	20	20	19	19	19	21.75	2	19.75	
January 25, 2016	20	20	20	20	20	20	20	20	20	22.5	2	20.5	
January 26, 2016	17	17	18	17	18	34	17	17	17	21.5	2	19.5	
January 27, 2016	22	22	22	22	22	70	22	21	21	30.5	2	28.5	



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Temporay Job Days Report



Task Order Name: Southwest Jenin Water Project
Contractor : The Morganti Group, Inc.
Sub-Contractor: Saqqa & Khoudary Co. Ltd.

PERIOD FROM: January 01, 2016
PERIOD TO: January 31, 2016

Date	Task Order Component									Total Job Days	Segregation by Gender		Notes / comments
	Site staff Job hours										Female	Male	
Month	Kuferit Reservoir	Aja Reservoir	Jalqamous Reservoir	Kafer Ra'a Reservoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks, note below	Chambers rehabilitations				
January 28, 2016	21	21	86	21	22	30	21	21	21	33	2	31	
January 29, 2016	8	8	8	8	8	8	8	8	8	9	0	9	
January 30, 2016	21	21	62	21	22	62	21	21	21	34	2	32	
January 31, 2016	21	21	62	21	22	30	21	21	21	30	2	28	
Total Hours	576	569	1293	605	941	969	565	561	561				
Total Days	72.00	71.125	161.625	75.625	117.625	121.125	70.625	70.125	70.125	830	52	778	



USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO.: AID-294-I-00-12-00002
TASK ORDER NO.: AID-294-TO-15-00010
TASK ORDER SHORT NAME: SWJ
Temporray Job Days Report



Task Order Name: Southwest Jenin Water Project
Contractor : The Morganti Group, Inc.
Sub-Contractor: Saqqa & Khoudary Co. Ltd.

PERIOD FROM: February 01, 2016
PERIOD TO: February 29, 2016

Date	Task Order Component									Total Job Days	Segregation by Gender		Notes / comments
	Site staff Job hours										Female	Male	
Month	Kuferit Reservoir	Aja Reservoir	Jalqamous Reservoir	Kafer Ra'a Reservoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks	Chambers rehabilitations				
February 1, 2016	16	0	77	16	57	42	16	16	16	32	2	30	
February 2, 2016	16	0	77	16	89	74	16	16	16	40	2	38	
February 3, 2016	16	0	77	16	89	66	16	16	16	39	2	37	
February 4, 2016	9	1	46	9	30	67	10	10	10	24	2	22	
February 5, 2016	3	3	11	3	11	11	2	2	2	6	0	6	
February 6, 2016	6	1	27	7	28	24	6	6	5	13.75	0	13.75	
February 7, 2016	13	0	34	13	34	31	13	13	13	20.5	2	18.5	
February 8, 2016	16	3	77	16	45	114	15	15	15	39.5	2	37.5	
February 9, 2016	15	3	64	15	44	105	14	14	14	36	2	34	
February 10, 2016	15	3	60	15	56	113	14	14	14	38	2	36	
February 11, 2016	15	4	57	13	67	37	13	13	13	29	2	27	
February 12, 2016	4	8	10	4	26	8	4	4	4	9	0	9	
February 13, 2016	12	1	55	12	67	77	12	12	12	32.5	2	30.5	
February 14, 2016	12	1	55	12	67	77	12	12	12	32.5	2	30.5	
February 15, 2016	14	1	57	14	65	79	14	14	14	34	2	32	
February 16, 2016	17	4	73	17	69	79	15	15	15	38	2	36	
February 17, 2016	17	4	67	17	69	79	15	15	15	37.25	2	35.25	
February 18, 2016	16	4	56	16	45	42	14	14	14	27.625	2	25.625	
February 19, 2016	8	8	6	8	28	8	2	2	2	9	0	9	
February 20, 2016	16	4	56	16	72	46	14	14	14	31.5	2	29.5	
February 21, 2016	18	4	70	16	80	42	14	14	14	34	2	32	
February 22, 2016	25	6	92	18	63	18	12	11	11	32	2	30	
February 23, 2016	41	6	70	14	115	76	12	11	11	44.5	2	42.5	
February 24, 2016	22	10	75	13	102	85	11	10	10	42.25	2	40.25	
February 25, 2016	28	10	73	13	84	83	11	10	10	40.25	2	38.25	
February 26, 2016	8	8	6	8	28	8	2	2	2	9	0	9	
February 27, 2016	42	10	51	13	92	73	11	10	10	39	2	37	
February 28, 2016	54	10	117	13	68	35	11	10	10	41	2	39	
February 29, 2016	50	10	57	13	110	67	11	10	10	42.25	2	40.25	
Total Hours	544	127	1653	376	1800	1666	332	325	324				
Total Days	68.00	15.875	206.625	47	225	208.25	41.5	40.625	40.5	893.375	48	845.375	



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Temporay Job Days Report



Task Order Name: Southwest Jenin Water Project
Contractor : The Morganti Group, Inc.
Sub-Contractor: Saqqa & Khoudary Co. Ltd.

PERIOD FROM: March 01, 2016
PERIOD TO: March 31, 2016

Date	Task Order Component									Total Job Days	Segregation by Gender		Notes / comments
	Site staff Job hours										Female	Male	
Month	Kuferit Reservoir	Ajja Reservoir	Jalqamous Reservoir	Kafer Ra'a Reservoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks	Chambers rehabilitations				
March 1, 2016	50	10	91	13	108	67	11	10	10	46.25	2	44.25	
March 2, 2016	54	10	73	13	108	75	11	10	10	45.5	2	43.5	
March 3, 2016	34	10	67	13	102	87	11	10	10	43	2	41	
March 4, 2016	8	8	6	8	30	6	2	2	2	9	0	9	
March 5, 2016	34	10	59	13	102	79	11	10	10	41	2	39	
March 6, 2016	44	10	83	13	104	29	11	10	10	39.25	2	37.25	
March 7, 2016	44	10	83	13	94	85	11	10	10	45	2	43	
March 8, 2016	52	10	91	13	102	85	11	10	10	48	2	46	
March 9, 2016	44	10	83	13	105	85	11	10	10	46.375	2	44.375	
March 10, 2016	56	10	83	13	106	85	11	10	10	48	2	46	
March 11, 2016	8	8	6	8	28	8	2	2	2	9	0	9	
March 12, 2016	65	1	82	9	75	59	8	8	11	39.75	1.75	38	
March 13, 2016	78	10	77	13	104	45	11	10	10	44.75	2	42.75	
March 14, 2016	76	10	69	13	112	31	11	10	10	42.75	2	40.75	
March 15, 2016	31	10	28	12	35	28	10	9	9	21.5	2	19.5	
March 16, 2016	29	10	28	12	35	30	10	9	9	21.5	2	19.5	
March 17, 2016	38	10	69	13	96	71	11	10	10	41	2	39	
March 18, 2016	4	4	6	4	6	6	2	2	2	4.5	0	4.5	
March 19, 2016	62	10	69	13	128	31	11	10	10	43	2	41	
March 20, 2016	70	10	53	13	128	79	11	10	10	48	2	46	
March 21, 2016	70	10	69	13	112	87	11	10	10	49	2	47	
March 22, 2016	79	10	102	14	97	96	12	11	11	54	2	52	
March 23, 2016	79	10	118	14	121	80	12	11	11	57	2	55	
March 24, 2016	71	10	86	14	121	80	12	11	11	52	2	50	
March 25, 2016	4	4	6	4	6	6	2	2	2	4.5	0	4.5	
March 26, 2016	71	10	86	14	153	72	12	11	11	55	2	53	
March 27, 2016	71	10	86	14	121	40	12	11	11	47	2	45	
March 28, 2016	31	10	30	14	37	32	12	11	11	23.5	2	21.5	
March 29, 2016	79	10	94	14	161	80	12	11	11	59	2	57	



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Task Order Name: Southwest Jenin Water Project
Contractor : The Morganti Group, Inc.
Sub-Contractor: Saqqa & Khoudary Co. Ltd.

PERIOD FROM: March 01, 2016
PERIOD TO: March 31, 2016

Date	Task Order Component									Total Job Days	Segregation by Gender		Notes / comments
	Site staff Job hours										Female	Male	
Month	Kuferit Reservoir	Ajja Reservoir	Jalqamous Reservoir	Kafer Ra'a Reservoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks	Chambers rehabilitations				
March 30, 2016	87	18	134	14	145	40	20	11	11	60	2	58	
March 31, 2016	79	18	150	14	145	96	20	11	11	68	2	66	
Total Hours	1602	301	2167	378	2927	1780	325	283	286				
Total Days	200.25	37.625	270.875	47.25	365.875	222.5	40.625	35.375	35.75	1256.125	53.75	1202.375	



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Task Order Name: Southwest Jenin Water Project
Contractor : The Morganti Group, Inc.
Sub-Contractor: Saqqa & Khoudary Co. Ltd.

PERIOD FROM: April 01, 2016
PERIOD TO: April 30, 2016

Date	Task Order Component									Total Job Days	Segregation by Gender		Notes / comments
	Site staff Job hours										Female	Male	
Month	Kuferit Reservoir	Aja Reservoir	Jalqamous Reservoir	Kafer Ra'a Reservoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks	Chambers rehabilitations				
April 1, 2016	4	4	6	4	6	6	2	2	2	4.5	0	4.5	
April 2, 2016	85	18	100	14	119	86	20	11	11	58	2	56	
April 3, 2016	101	18	100	14	115	78	20	11	11	58.5	2	56.5	
April 4, 2016	85	22	92	14	191	94	20	11	11	67.5	2	65.5	
April 5, 2016	89	18	148	14	87	94	20	11	11	61.5	2	59.5	
April 6, 2016	101	18	198	14	95	86	20	11	11	69.25	2	67.25	
April 7, 2016	105	30	112	14	87	66	20	11	11	57	2	55	
April 8, 2016	4	4	6	4	6	6	2	2	2	4.5	0	4.5	
April 9, 2016	57	42	88	14	119	94	20	11	11	57	2	55	
April 10, 2016	97	34	96	14	114	38	20	11	11	54.375	2	52.375	
April 11, 2016	97	35	96	14	117	93	20	11	11	61.75	2	59.75	
April 12, 2016	69	35	60	14	87	65	20	11	11	46.5	2	44.5	
April 13, 2016	69	35	76	14	85	65	20	11	11	48.25	2	46.25	
April 14, 2016	89	51	96	14	107	93	20	11	11	61.5	2	59.5	
April 15, 2016	4	4	6	4	6	6	2	2	2	4.5	0	4.5	
April 16, 2016	89	51	114	14	103	93	20	11	11	63.25	2	61.25	
April 17, 2016	89	43	112	14	111	93	20	11	11	63	2	61	
April 18, 2016	89	43	112	14	127	93	20	11	11	65	2	63	
April 19, 2016	89	35	131	14	111	72	20	11	11	61.75	2	59.75	
April 20, 2016	81	43	112	14	111	93	20	11	11	62	2	60	
April 21, 2016	81	43	72	14	95	85	20	11	11	54	2	52	
April 22, 2016	4	4	6	4	6	6	2	2	2	4.5	0	4.5	
April 23, 2016	89	39	136	14	111	85	20	19	11	65.5	2	63.5	
April 24, 2016	89	47	176	14	103	85	20	19	11	70.5	2	68.5	
April 25, 2016	89	19	128	14	111	85	20	19	11	62	2	60	
April 26, 2016	97	35	88	14	127	101	20	19	11	64	2	62	
April 27, 2016	89	19	88	14	127	93	20	19	11	60	2	58	
April 28, 2016	89	29	88	14	127	45	20	19	11	55.25	2	53.25	
April 29, 2016	4	4	6	4	6	6	2	2	2	4.5	0	4.5	



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Task Order Name: Southwest Jenin Water Project
Contractor : The Morganti Group, Inc.
Sub-Contractor: Saqqa & Khoudary Co. Ltd.

PERIOD FROM: April 01, 2016
PERIOD TO: April 30, 2016

Date	Task Order Component									Total Job Days	Segregation by Gender		Notes / comments
	Site staff Job hours										Female	Male	
Month	Kuferit Reservoir	Aja Reservoir	Jalqamous Reservoir	Kafer Ra'a Reservoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks	Chambers rehabilitations				
April 30, 2016	49	67	88	14	127	53	20	75	11	63	2	61	
Total Hours	2173	889	2737	370	2844	2058	510	397	285				
Total Days	271.63	111.125	342.125	46.25	355.5	257.25	63.75	49.625	35.625	1532.88	50	1482.875	



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Task Order Name: Southwest Jenin Water Project
Contractor : The Morganti Group, Inc.
Sub-Contractor: Saqqa & Khoudary Co. Ltd.

PERIOD FROM: May 01, 2016
PERIOD TO: May 31, 2016

Date	Task Order Component									Total Job Days	Segregation by Gender		Notes / comments
	Site staff Job hours										Female	Male	
Month	Kuferit Reservoir	Ajja Reservoir	Jalqamous Reservoir	Kafer Ra'a Reservoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks	Chambers rehabilitations				
May 1, 2016	95	75	88	14	119	69	20	83	11	71.75	2	69.75	
May 2, 2016	89	87	112	14	151	45	20	19	11	68.5	2	66.5	
May 3, 2016	89	51	112	14	167	45	20	19	11	66	2	64	
May 4, 2016	89	51	116	14	159	45	20	59	11	70.5	2	68.5	
May 5, 2016	69	37	80	14	151	69	20	51	11	62.75	2	60.75	
May 6, 2016	4	4	6	4	6	6	2	2	2	4.5	0	4.5	
May 7, 2016	69	47	72	14	87	45	20	59	11	53	2	51	
May 8, 2016	81	61	128	14	95	37	20	75	11	65.25	2	63.25	
May 9, 2016	81	65	112	14	87	77	20	75	11	67.75	2	65.75	
May 10, 2016	89	63	120	14	87	77	20	131	11	76.5	2	74.5	
May 11, 2016	90	64	130	14	88	78	12	141	11	78.5	2	76.5	
May 12, 2016	98	72	114	14	128	78	12	77	11	75.5	2	73.5	
May 13, 2016	4	4	6	4	6	6	2	2	2	4.5	0	4.5	
May 14, 2016	42	96	114	14	128	78	12	61	11	69.5	2	67.5	
May 15, 2016	90	72	42	14	128	94	12	69	11	66.5	2	64.5	
May 16, 2016	66	52	42	14	96	62	12	133	11	61	2	59	
May 17, 2016	90	72	42	14	128	86	12	133	11	73.5	2	71.5	
May 18, 2016	90	72	98	14	128	58	12	133	11	77	2	75	
May 19, 2016	90	72	82	14	124	86	12	69	11	70	2	68	
May 20, 2016	4	4	6	4	6	6	2	2	2	4.5	0	4.5	
May 21, 2016	82	72	82	14	112	38	12	125	11	68.5	2	66.5	
May 22, 2016	150	72	106	14	112	94	12	125	11	87	2	85	
May 23, 2016	50	72	98	14	128	56	12	125	11	70.75	2	68.75	
May 24, 2016	62	64	106	14	136	86	12	141	11	79	2	77	
May 25, 2016	82	75	106	14	136	86	12	45	11	70.875	2	68.875	
May 26, 2016	82	72	106	14	136	70	12	29	11	66.5	2	64.5	
May 27, 2016	4	4	6	4	82	6	2	2	2	14	0	14	
May 28, 2016	74	80	106	14	136	86	12	29	11	68.5	2	66.5	
May 29, 2016	74	80	90	14	136	58	12	65	11	67.5	2	65.5	



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Task Order Name: Southwest Jenin Water Project
Contractor : The Morganti Group, Inc.
Sub-Contractor: Saqqa & Khoudary Co. Ltd.

PERIOD FROM: May 01, 2016
PERIOD TO: May 31, 2016

Date	Task Order Component									Total Job Days	Segregation by Gender		Notes / comments
	Site staff Job hours										Female	Male	
Month	Kuferit Reservoir	Ajja Reservoir	Jalqamous Reservoir	Kafer Ra'a Reservoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks	Chambers rehabilitations				
May 30, 2016	74	72	90	14	144	86	12	157	11	82.5	2	80.5	
May 31, 2016	74	72	98	14	136	86	12	157	11	82.5	2	80.5	
Total Hours	2227	1856	2616	394	3463	1899	404	2393	305				
Total Days	278.38	232	327	49.25	432.875	237.375	50.5	299.125	38.125	1944.63	54	1890.625	