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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.
March , 2016

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Construction Monthly Progress Report # 5

Reporting Period: March 1, 2016 – March 31 , 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

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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

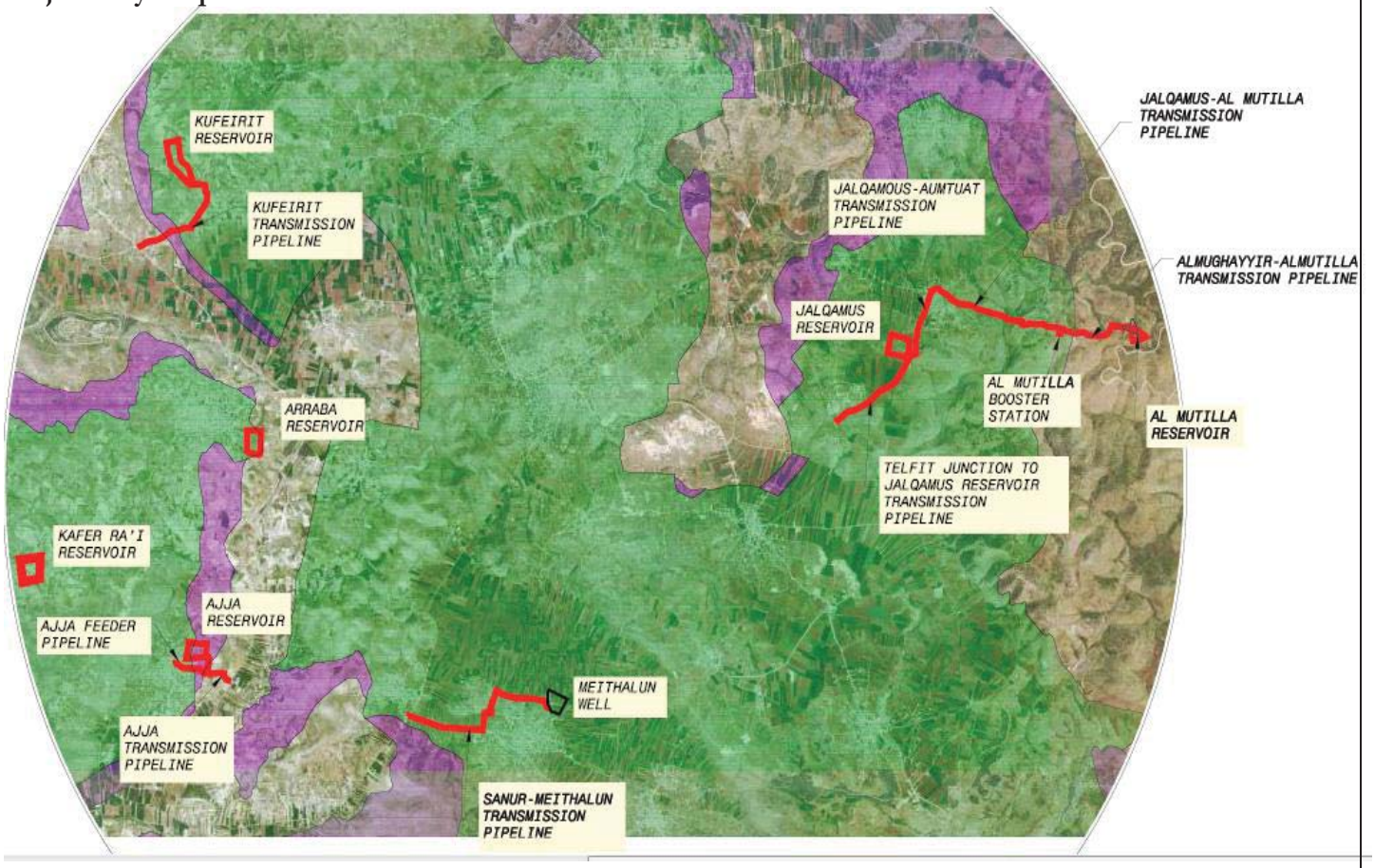

Figure 1: Southwest Jenin Project (SWJ)

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. Kuferit 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.

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 March 31, 2016 [%]	32.90 %
Planned Percentage of Completion through March 31 ,2016[%]	9.18%
Actual Percentage of Completion through March 31 ,2016[%]	7.05%
Float (Days)	-31 days

31 floating days in schedule regarding a new modification in design drawings instead of 34 floating days in previous reported period (e.g. Arraba, Jalqamus , Kuferit Reservoirs)

2. Safety

2.1 Traffic and Safety Management

Regarding the special nature of Jenin City 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.

2.2 Safety Meetings

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

Three 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	TBM-15-00010-SWJ-C-E-009	Safety measures before and during casting concrete	March 13, 2016	Arraba
2	TBM-15-00010-SWJ-C-E-010	Safety measures before welding	March 24, 2016	Storage yard
3	TBM-15-00010-SWJ-C-E-011	Safety measures before and during Steel Fixing	March 26, 2016	Arraba

2.3 Accident Status

None reported during this reporting period.

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 # 03 for February, 2016 and all comments in the check list were closed (inspection will be presented on next report).

Relocation of trees method statement SUB-15-00010-SWJ-149-A was submitted and approved by CMC and have been implemented in all the project locations.

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 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. Traffic Control Measures

According to the specifications and contract documents, comprehensive standard traffic control Plan submitted and approved for Traffic Plan for Talfit Jalqamus Pipeline through Submittal Number SUB-15-00010-TJT-224-A , Traffic Plan for Ajja Reservoir prepared and submitted through SUB-15-00010-AJR-251-A , Traffic Control Plan Night Works prepared and submitted through SUB-15-00008-SWJ-254-A .

5. Community Outreach

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

Site visit for Kuferit Main Transmission Pipeline with PWA, BV, TMGI and local council representatives, and
Site visit for Ajja Reservoir with Ajja municipality staff.

Location	Attention	Date	Description
Kuferit Area	**Kuferit local council**	**March 06, 2016**	**Site visit for Kuferit Main Transmission Pipeline with PWA, BV, TMGI and local council representatives**
Ajja Area	**Ajja Municipality**	**March 27, 2016**	**Meeting with municipality to give A brief description for the project , walkthrough with municipality staff**

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 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
March 17, 2016	USAID, B&V, MORGANTI	Bi- Weekly Progress meeting	To review and discuss work scope and Progress of work
March 31, 2016	USAID, B&V, MORGANTI &SAK	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
March 02, 2016	10:50	Kamal Kasbary	USAID	B&V SWJ Qabatia office
March 02, 2016	10:50	Aysar Rabaya	PWA	B&V SWJ Qabatia office
March 02, 2016	10:50	Adnan Safi	BV	B&V SWJ Qabatia office
March 02, 2016	10:50	Adnan Azazmeh	BV	B&V SWJ Qabatia office
March 02, 2016	10:50	Bashar Tarawa	BV	B&V SWJ Qabatia office
March 02, 2016	10:50	Ghassan Almi	TMGI	B&V SWJ Qabatia office
March 07, 2016	15:00	Adnan Azazmeh	BV	B&V SWJ Qabatia office
March 07, 2016	15:00	Bashar Tarawa	BV	B&V SWJ Qabatia office
March 08, 2016	10:00	Adnan Azazmeh	BV	B&V SWJ Qabatia office

Date	Time	Representative	Representing	Location
March 08, 2016	10:00	Bashar Tarawa	BV	B&V SWJ Qabatia office
March 14, 2016	9:15 am	Bashar Tarawa	BV	B&V SWJ Qabatia office
March 17, 2016	11:00	Kamal Kasbary	USAID	B&V SWJ Qabatia office
March 17, 2016	10:50	Aysar Rabayaa	PWA	B&V SWJ Qabatia office
March 17, 2016	11:00	Adnan Azazmah	BV	B&V SWJ Qabatia office
March 23, 2016	11:50 am	Peggy Howe	BV	B&V SWJ Qabatia office
March 23, 2016	11:50 am	Adnan Azazmah	BV	B&V SWJ Qabatia office
March 27, 2016	11:00 am	Bashar Tarawa	BV	B&V SWJ Qabatia office
March 31, 2016	10:00	Kamal Kasbary	USAID	B&V SWJ Qabatia office
March 31, 2016	10:00	Adnan Safi	BV	B&V SWJ Qabatia office

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.	Lean concrete	17 m3	JLR-Under retaining wall between points 1-3	02-Mar-16
2.	Base Course	76 ton	ARR-Backfill Material	02-Mar-16
3.	B 300 concrete	9.5 m3	JLR-Retaining wall 3-4	05-Mar-16
4.	A1 concrete	3.5 m3	MTR-Stairs	05-Mar-16
5.	B-30 concrete	12 m3	ARR-Boundary wall footing	07-Mar-16
6.	B-30	27 m3	JLR-Retaining wall footing	08-Mar-16
7.	Concrete A1	23 cum	MTR	10-Mar-16
8.	B-30	31 m3	JLR-Retaining wall & Boundary wall	13-Mar-16
9.	Concrete B-20	30 m3	KFR-Lean Concrete	19-Mar-16
10.	Concrete B-20	130 m3	ARR-Lean Concrete	20-Mar-16
11.	Concrete B-30	10 m3	ARR-Boundary wall stem	20-Mar-16
12.	Concrete B-30	16 m3	KFR-Retaining wall footing	22-Mar-16
13.	Concrete B-30	10 m3	JLR-Boundary walls	22-Mar-16
14.	B-20	63 m3	JLR-Lean Concrete	23-Mar-16
15.	B-30	15.5 m3	MTR-Retaining Wall	24-Mar-16
16.	4" Steel pipes (3 LPE & lining)	170.81m	Jalqamus Storage Yard	27-Mar-16
17.	4" Steel pipes (Epoxy & lining)	85.4lm	Jalqamus Storage Yard	27-Mar-16
18.	3" Steel pipes (3 LPE & lining)	500.2lm	Jalqamus Storage Yard	27-Mar-16
19.	3" Steel pipes (Epoxy & lining)	77.6 lm	Jalqamus Storage Yard	27-Mar-16
20.	2" Steel pipes (3 LPE)	420lm	Jalqamus Storage Yard	27-Mar-16
21.	3" Steel pipes (Epoxy)	60 1m	Jalqamus Storage Yard	27-Mar-16
22.	Fittings - different sizes (fees,elbows, reducers, etc.)	270 Pes	Jalqamus Storage Yard	27-Mar-16
23.	Water Stop (SuperCast Watafoil 250)	156 lm	Jalqamus Storage Yard	27-Mar-16
24.	Expandable waterstop (Supercast SW30)	351m	Jalqamus Storage Yard	27-Mar-16
25.	B-30	102 m3	KFR-Retaining Walls footing	29-Mar-16
26.	Class A1	13 m3	MTR-2nd Level Columns	29-Mar-16

Equipment on Site:

.

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

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

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

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

veco	1	0	25-Mar-2016
Surveying Tools	2	16	26-Mar-2016
KIA-FORTE(Without driver)	2	16	26-Mar-2016
PEUOGEOT 301(Without driver)	1	8	26-Mar-2016
Skoda Fabia 2013	1	8	26-Mar-2016
veco	1	8	26-Mar-2016
Surveying Tools	2	16	27-Mar-2016
KIA-FORTE(Without driver)	2	16	27-Mar-2016
PEUOGEOT 301(Without driver)	1	8	27-Mar-2016
Skoda Fabia 2013	1	8	27-Mar-2016
veco	1	8	27-Mar-2016
Surveying Tools	2	16	28-Mar-2016
KIA-FORTE(Without driver)	2	16	28-Mar-2016
PEUOGEOT 301(Without driver)	1	8	28-Mar-2016
Skoda Fabia 2013	1	8	28-Mar-2016
veco	1	8	28-Mar-2016
Surveying Tools	2	16	29-Mar-2016
KIA-FORTE(Without driver)	2	16	29-Mar-2016
PEUOGEOT 301(Without driver)	1	8	29-Mar-2016
Skoda Fabia 2013	1	8	29-Mar-2016
veco	1	8	29-Mar-2016
Surveying Tools	2	16	30-Mar-2016
KIA-FORTE(Without driver)	2	16	30-Mar-2016
PEUOGEOT 301(Without driver)	1	8	30-Mar-2016
Excavator JCB	1	8	30-Mar-2016
Skoda Fabia 2013	1	8	30-Mar-2016
veco	1	8	30-Mar-2016
Surveying Tools	2	16	31-Mar-2016
KIA-FORTE(Without driver)	2	16	31-Mar-2016
PEUOGEOT 301(Without driver)	1	8	31-Mar-2016
Skoda Fabia 2013	1	8	31-Mar-2016
veco	1	8	31-Mar-2016

10. Progress and Scheduling

60 days plan of operation was submitted through Submittal Number SUB-15-00010-SWJ-028-A and accepted by CMC , in addition Original CPM Schedule Submittal through Submittal Number SUB-15-00010-SWJ-077-C which approved, Updated CPM Schedule Submittal February 29,2016 was prepared and submitted through submittal number SUB-15-00010-SWJ-246-A on March 15, 2016 – For more information please refer to Annex B.

For one month look ahead please refer to Annex C

11. Activities During this Reporting Period:

1 General.

- Walkthrough for Kuferit Main Transmission Pipeline with PWA, BV, TMGI and local council representatives.

- Welder testing as per welders' qualification procedure in presence of CMC and CWI at Jalqamus storage yard.
- Joint walkthrough with Ajja Municipality to discuss work area border , existing access road limits and electric poles relocation in order to start excavation works

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

- Continue excavation on reservoir and removal of surplus material to dumping area.
- Complete reduced level excavation for reservoir's site.
- Continue and finish excavation on reservoir foundation and retaining walls footings from point 1 to point 7.
- Dust control.
- Start and finish formwork for lean concrete works at retaining walls from point 2 to point 7.
- Start and finish casting lean concrete for retaining wall and boundary wall from point. 7 to point. 1.
- Start and finish curing for lean concrete under retaining and boundary walls.
- Start and finish steel reinforcement works for retaining wall footings from point 2 to point 3.
- Start and finish formwork and steel reinforcement works for retaining wall footings from point 2 to point 3.
- Continue curing for lean concrete under retaining and boundary walls.
- Start and finish casting concrete for retaining wall footings from point 2 - point 3.
- Start and finish formwork and steel reinforcement works for retaining wall footings from point 3 – point 4.
- Start and finish cleaning and leveling works for reservoir's foundation.
- Start and finish curing for retaining wall footings from point 2 - point 3.
- Start and finish formwork and steel reinforcement works for retaining wall footings from point 4 – point 7.
- Start and finish formwork and steel reinforcement works for retaining wall footings from point 7 – point 1.
- Start and finish casting concrete for retaining wall footings from point 7 – point 1 and from point 4 – point 7.
- Collecting concrete samples by laboratory for quality control tests
- Start formwork for retaining walls stem .

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

- Finish curing for Retaining wall foundation from Point 1-3, slab on grade and reservoir columns.
- Start and finish Form work for beams at level one and stairs at ground to first land.
- Start and finish casting concrete for staircase
- Formwork and steel reinforcement steel for stairs at ground to first land.
- Start and finish casting concrete for stairs at ground to first land.
- Start and finish curing for stairs concrete at ground to first land.
- Start and finish form work for stairs from first land to level one.
- Start and finish for Steel reinforcement for beams at level one.
- Start and finish casting concrete for beams of level one and stairs from first land to level one.
- Start and finish curing concrete for beams of level one and stairs from first land to level one.
- Start and finish formwork for retaining wall stem from point 1 to point 3.
- Start repairing stairs - between first and second land.

- Continue preparation and installation of reservoir's scaffolding.
- Start and finish steel reinforcement works for 2nd level columns
- Start and finish formwork for stairs from level one to level two.
- Start and finish formwork for 2nd level columns.
- Start and finish steel reinforcement works for retaining wall between points from 1-3.
- Start and finish casting concrete for retaining wall between points 1-3.
- Start and finish de-shuttering for retaining wall between points 1-3.
- Stat and finish e curing for retaining wall between points from 1-3.
- Start and finish casting concrete for columns at level one and for stairs from level one to second land.
- Continue scaffolding works and erecting of safe access entrance to reservoir site work.
- Collecting concrete samples by laboratory for quality control tests.
- Start and finish concrete for 2nd level columns and stairs.
- Start and finish Curing works for retaining wall concrete
- Start and finish curing concrete for 2nd level columns and stairs.
- Start and finish curing works for staircase concrete
- Preparation works for 2nd level beams.

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

- Complete Fence Installation on Ajja Reservoir , relocation part of fence as requested by Ajja Municipality and access road preparation .

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

- Finish Curing for lean concrete for retaining wall foundation concrete between points 4-5.
- Start and finish Steel reinforcement work and formwork for RW stem from point 3-4.
- Start and finish excavation work for RW from point 1-2.
- Start and finish "compaction and leveling" for the third selected backfill layer.
- Start and finish casting blinding concrete for retaining wall between points 1-3.
- Field density test for 3rd backfill layer under reservoir's floor slab.
- Start and finish Curing for blinding concrete for RW between points 1-3.
- Start and finish Casting concrete for RW stem from point 3-4.
- Start and finish Formwork for foundation of RW between points 1-3.
- De-shuttering for RW stem from point 3-4.
- Start and finish Curing for RW stem from point 3-4.
- Start and finish Formwork and steel reinforcement for foundation of RW between point 1-3.
- Start and finish Curing for blinding concrete for RW between points 1-3.
- Start and finish Formwork for foundation of RW between points 4-5.
- Start and finish Curing retaining wall stem from point 3-4.
- Start and finish Casting concrete for foundation of retaining wall between points 1-3.
- Start and finish Form work for stem of retaining wall between points 4-5.
- Start and finish "compaction and leveling" for base course layer under reservoir's floor slab.
- Start and finish Steel reinforcement for retaining wall stem between points 4-3
- Start and finish Curing for foundation of RW between points 1-3.
- Start and finish Excavation for RW foundation from Point 2-3.
- Start and finish Formwork and steel reinforcement for stem of RW between point 4-5.
- Field density test for base course layer under reservoir's floor slab.

- Start and finish Curing for RW stem from point 3-4.
- Start and finish Steel reinforcement for RW stem between pints 4-3.
- Start and finish formwork for BW blinding from Point 2-3.
- Start and Finish casting concrete for retaining wall stem between pints 4-3, foundation of RW between point 4-5, stem of retaining wall between point 4-5 and BW blinding from Point 2-3.
- Start and finish curing for foundation of retaining wall between points 1-2.
- Start and finish curing for boundary wall blinding from Point 2-3.
- Start and finish curing for stem of retaining wall between points 4-5.
- Start and finish curing work for foundation of retaining wall between points 4-5.
- Start and finish curing work for retaining wall stem between pints 4-3
- Start and finish formwork for retaining wall stem from Point 1-3.
- Start and finish steel reinforcement work for boundary wall foundation from point 2-3.
- Start and finish de-shuttering for stem of retaining wall between point 4-5, foundation of boundary wall between point 4-5 and retaining wall stem between points 4-3.
- Finish installation of perforated system under reservoir floor slab.
- Start and finish formwork and steel reinforcement for retaining wall stem from Point 1-2.
- Start and finish formwork for boundary wall foundation from point 2-3.
- Start and finish curing for stem of retaining wall between points 4-5.
- Start and finish curing work for retaining wall stem between pints 4-3
- Start and finish formwork and steel reinforcement for boundary wall foundation from Point 2 to Point 3.
- Start and finish preparation before casting lean concrete under reservoir's floor slab.
- Start and finish formwork and steel reinforcement works for retaining wall footings from point 2 to point 3.
- Start and finish casting concrete for boundary wall stem between points 4-5 and for boundary wall foundation between points 2-3.
- Start and finish surface preparation before applying insulation for RW from point 3-5.
- Start and finish casting lean concrete under reservoir's floor slab.
- Start and finish casting lean concrete under reservoir's floor slab.
- Start and finish curing for boundary wall stem between points 4-5 and for RW foundation between points 2-3.
- Start and finish de-shuttering formwork for boundary wall stem between points 4-5 and for boundary wall foundation between points 2-3.
- Start and finish formwork for RW stem from point 1-2.
- Start and finish curing for lean concrete under reservoir's floor slab.
- Start and finish casting concrete for retaining wall stem from point 1-2.
- Collecting concrete samples by laboratory for quality control tests.
- Start and finish de-shuttering for retaining wall stem from point 1-2.
- Start and finish curing for concrete of retaining wall stem from point 1-2.
- Start and finish formwork for Reservoir foundation and slab on grade.
- Start and finish reinforcement steel for reservoir's floor slab and wall footing.

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

- Preparation for fence installation works at Kufer Rai reservoir site.
- Start fence installation on Kufer Rai Reservoir .

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

- Start and finish Formworks for lean concrete under boundary walls lean concrete
- Start and finish Compaction of selected backfill layer (2nd layer under reservoir's floor slab).
- Housekeeping and cleaning.
- Start and finish Casting lean concrete for boundary walls from point 8 to 10 and from 10 to existing wall.
- Field density test for 2nd layer of backfill material under reservoir's floor slab.
- Start and finish Spread and compaction 3rd layer of selected backfill layer under reservoir's floor slab.
- Start and finish Curing lean concrete under boundary wall foundation from point 8 to 10 and from 10 to existing wall.
- Start and finish formworks and steel reinforcement for boundary walls footings from point 8 to 10 and from 10 to existing wall.
- Field density test for 3rd layer of selected backfill material under reservoir's floor slab.
- Start and finish Spread and compact 4th layer of selected backfill material under reservoir's floor slab.
- Field density test for 4th layer of selected backfill.
- Start and finish Curing lean concrete layer under of boundary wall footing from point 8 to point 10 and from point 10 to existing wall.
- Start and finish Spreading and compaction of base coarse layer.
- Start and finish Casting concrete of boundary wall footing from point 8 to point 10 and from point 10 to existing wall.
- Start and finish De-shuttering formwork of boundary walls footings from point 8 to 10 and from point 10 to existing wall.
- Start and finish formwork of boundary wall stem from point 9 to existing wall.
- Start and finish curing boundary wall foundation from point 8 to 10 ad from point 10 to existing wall.
- Field density test for base course layer under reservoir's floor slab.
- Excavate underdrain trenches - under slab on grade.
- Start and finish maintenance and painting steel barriers.
- Start and finish casting concrete for boundary walls from point 9 to existing wall.
- Start and finish installation of perforated pipes under reservoir's slab on grade.
- Start formwork for lean concrete under reservoir's slab on grade.
- Start and finish formwork for boundary wall stem from point 9 to point 8.
- Start curing for boundary wall stem from point 9 to point 10 and from point 10 to existing wall.
- Start and finish backfilling works for trenches of perforated system under reservoir's floor slab (inner underdrain system).
- Start and finish formwork for boundary wall stem from point 9 to point 8.
- Start and finish formwork for lean concrete under reservoir's slab on grade.
- Start and finish curing for boundary wall stem from point 9 to point 10 and from point 10 to existing wall.
- Start and finish formwork for casting lean concrete layer under reservoir's slab on grade.
- Start and finish casting concrete for boundary wall stem from point 9 to point 8.
- Start and finish casting lean concrete under reservoir's slab on grade.
- Start and finish de-shuttering formwork of lean concrete under reservoir's slab on grade.
- Start and finish curing for boundary wall stem from point 9 to point 8.
- Start and finish curing for lean concrete under reservoir's slab on grade.
- Start and finish formwork for reservoir's wall footing (ring foundation).
- Start and finish steel reinforcement for reservoir's ring foundation and slab on grade.
- Conducting safety tool box meeting at site.
- Start and finish installation of earthling system inside reservoir's footing and slab on grade.

- Start and continue installation of water stop for reservoir's footing and slab on grade.
- Start and finish applying first layer of water proof for boundary wall footings from point 8 to south-west existing concrete wall.
- Start and Continue reinforcement steel works for reservoir wall footing and slab on grade
- Start Water proof layers to boundary wall footing

8 AL MUTILLA BOOSTER STATION (MTB)

- No construction works.

9 SANOUR-MEITHALON MAIN TRANSMISSION PIPELINE (SMT)

- Walk through conducted with represent BV & Morganti

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)

- No construction works.

14 JALQAMUS TRANSMISSION PIPELINE (JLT)

- No construction works.

15 JALQAMUS - AL MUTILLA TRANSMISSION PIPELINE (JMT)

- No construction works.

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)

- Furnishing, leveling, and compacting of subgrade layer
- Furnish and install subgrade piping (Washout drainage pipe and other pipes)
- Supply and Spread 150mm B/C Layers With Compaction Test & underground Piping & Perforated Pipes
- Casting Lean Concrete Under reservoir
- Concrete Curing
- Form/Steel Rebar's for Base Slab and Installing Water Stop

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

- De-shuttering of 2nd Level Columns
- Formwork For intermediate Beams & Stairs 2nd Level and Valve room slab
- Reinforcement for intermediate Beams & Stairs 2nd Level and Valve room slab
- Cast-in-place concrete for intermediate Beams & Stairs 2nd Level and Valve room slab De-shuttering of intermediate Beams & Stairs 2nd Level

- Scaffolding for Third Level
- Reinforcing of 3rd Level Columns
- Reinforcement and formwork for 3rd Level Columns Cast-in-place concrete for 3rd Level Columns

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

- Start and finish excavation works for working area.
- Start concrete for foundation

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

- Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and perforated pipes) Reservoir base slab reinforcing steel & water stop installation
- Reservoir base slab - Place concrete (Stage 1)
- Reservoir base slab - Place concrete (Stage 2)
- Reservoir base slab - Place concrete (Stage 3) - Footing of Columns
- Concrete Curing for Base slab
- Reservoir Walls - External formwork

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

- finish preparation works for reservoir access road.
- Start and finish excavation works for working area.
- Start and finish concrete works for reservoir foundation.
- Start concrete works for reservoir walls.

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

- Construct retaining walls - North side
- Reservoir base slab - Formwork
- Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and other pipes) Reservoir base slab reinforcing steel & water stop installation
- Construction of Boundary Walls - south and west side
- Reservoir base slab - Place concrete (Stage 1) Reservoir base slab - Place concrete (Stage 2) Reservoir base slab - Place concrete (Stage 3)
- Reservoir Walls - External formwork
- Reservoir Walls & Columns - Reinforcing steel & vertical water stop installation Water proofing & backfilling

7. AL MUTILLA BOOSTER STATION (MTB)

- No construction works.

8. SANOUR-MEITHALON MAIN TRANSMISSION PIPELINE (SMT)

- No construction works.

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, 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 summarizes 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	**2341.88**
Person Days of Employment Generated During the Current Reporting Period	**1256.13**
Accumulative Persons Days of Employment Generated	**3598.00**
Male Person Days of Employment	
Person Days of Employment Generated Previously	**2202.88**
Person Days of Employment Generated during the current reporting period	**1202.38**
Accumulative Persons Days of Employment Generated	**3405.25**
Female Person Days of Employment	

Person Days of Employment Generated Previously	**139**
Person Days of Employment Generated during the current reporting period	**53.75**
Accumulative Persons Days of Employment Generated	**192.75**
Total Number of Full Time Equivalent Jobs (FTE)	
Number of Full Time Equivalent Jobs Generated Previously	**98.40**
Number of Full Time Equivalent Jobs Generated During Current Period	**52.78**
Total Number of Full Time Equivalent Jobs Generated	**151.18**

*The target value is based on the approved CPM schedule

- **Geo MIS Data**

Refer to "Annex M"-Geo MIS Data

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: 24
6 Accumulated working days: 121
7 Total no. of non-working days (holidays and weekends) during this reporting period: 4
8 Accumulated non-working days (holidays and weekends): 22
9 No. of other non-working days during this month: 3 (Rainy weather)
10 Accumulated other non-working days: 15 (Rainy weather)
11 Accumulated non-working days (Item 8+Item 10): 37

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
Total	121	22	15

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
Temproray 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												
Month	Kuferit Reservoir	Ajja Reservor	Jalqamous Reservoir	Kafer Ra'a Resevoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks	Chambers rehabilitations		Female	Male	
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	

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
Temproray 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												
Month	Kuferit Reservoir	Ajja Reservor	Jalqamous Reservoir	Kafer Ra'a Resevoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks	Chambers rehabilitations		Female	Male	
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**	

15. Site Memos

One site Memos was issued in this reporting period from contractor to CMC, and three 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-SWJ-C-E-0003	Response for Safety Violations (SM-15-00010-SWJ-E-C-004)	March 13, 2016

Site Memos To Contractor			
No.	**SM No.**	**Description**	**Submitted Date**
1	SM-15-00010-SWJ-E-C-0004	Safety Violations	March 8, 2016
2	SM-15-00010-SWJ-E-C-005	Response to SM-15-00010-SWJ-C-E-003	March 16, 2016
3	SM-15-00010-MTR-E-C-006	Concrete finish and formwork at Al-Mutilla Reservoir	March 16, 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 and Arraba 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 , soil investigation test for Kuferit reservoir was conducted , all test reports upon receive from Laboratory were submitted to CMC for approval , for more details please refer to below table and Annex (G)for cumulative on monthly basis.

QC SUBMITTALS LOG						
No.	**Submittal No.**	**Description**	**Submittal Classification**	**Submitted Date**	**Response Date**	**Status**
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
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

QC SUBMITTALS LOG						
No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
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
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

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
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

17. Inspection Requests

Ninety two 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-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-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-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-AJR-072-A	Walkthrough for Ajja Force Line.	March 5, 2016	March 6, 2016	March 7, 2016	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

S. No.	Description	Submitting Date	Date Inspection Required	Actual Return Date	Status
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

S. No.	Description	Submitting Date	Date Inspection Required	Actual Return Date	Status
IR-15-00010-JLR-090-A	Inspection of casting concrete 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-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 & 7 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 & 7 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	

S. No.	Description	Submitting Date	Date Inspection Required	Actual Return Date	Status
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-ARR-103-A	Inspection of 1st Layer of water proofing for boundary wall footing between existing wall and section 10 at Arraba Reservoir.	March 19, 2016	March 19, 2016	March 20, 2016	C
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

S. No.	Description	Submitting Date	Date Inspection Required	Actual Return Date	Status
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-JLR -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
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 concerte 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	March 26, 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

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FROM THE AMERICAN PEOPLE

S. No.	Description	Submitting Date	Date Inspection Required	Actual Return Date	Status
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 Reservoir.	March 27, 2016	March 29, 2016	March 30, 2016	A
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

S. No.	Description	Submitting Date	Date Inspection Required	Actual Return Date	Status
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 01, 2016		Pending

18. Noncompliance report log-NCR

No NCR's were issued during this reporting period.

19. Submittals

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

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
69	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
70	SUB-15-00010-SWJ-158-B	Pipe Heat Shrinkable Sleeve and Tape	Material-Mec	March 2, 2016	March 14, 2016	A
122	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
140	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
162	SUB-15-00010-KRR-235-A	Dilapidation Survey(Kafer Ra'i Reservoir)	Pre-Construction	March 2, 2016	March 24, 2016	A
220	SUB-15-00010-AJR-236-A	Dilapidation Survey(Ajja Pipeline)	Pre-Construction	March 3, 2016	March 15, 2016	A
224	SUB-15-00010-SWJ-237-A	Swellable Water Stop (SW30) Method Statement	Method Statement	March 6, 2016	March 22, 2016	B
234	SUB-15-00010-ARR-210-B	Arraba 2000 m3 Reservoir Under Drain Plan	Shop Drawing	March 7, 2016	March 14, 2016	A
237	SUB-15-00010-JMT-238-A	Shop Drawings	Shop Drawing	March 8, 2016	March 22, 2016	C
240	SUB-15-00010-SWJ-065-C	Strainer/ Y-Type	Material-Mec	March 9, 2016	March 13, 2016	B
235	SUB-15-00010-AJR-166-C	At Grade 1000 m3 Ajja Reservoir Structural Shop Drawings	Shop Drawing	March 9, 2016	March 13, 2016	A
270	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
273	SUB-15-00010-JLR-216-B	Jalqamus 1000m3 Reservoir Thimble & Under Drain Plan-for Construction	Material-Mec	March 9, 2016	March 24, 2016	A
296	SUB-15-00010-KFR-239-A	Kuferit 500m3 Reservoir Thimble & Under Drain Plan	Material-Mec	March 9, 2016	March 15, 2016	B
298	SUB-15-00010-SWJ-240-A	Welder Qualifications (CV's and ID's)	Material-Mec	March 9, 2016	March 15, 2016	E
304	SUB-15-00010-AJR-241-A	At Grade 1000 m³ Ajja Reservoir Earthing and Site Layout Electrical Shop Drawings	Shop Drawing	March 9, 2016	March 21, 2016	C
299	SUB-15-00010-SWJ-087-B	Traffic Control Plan	Pre-Construction	March 10, 2016		Pending
315	SUB-15-00010-SWJ-172-C	Steel Fence & Post for Reservoir and Booster Station- With Samples	Sample	March 10, 2016	March 17, 2016	A
320	SUB-15-00010-MTR-098-C	Al Mutilla Elevated Reservoir piping Plan & Sections	Shop Drawing	March 13, 2016		Pending
300	SUB-15-00010-SWJ-242-A	250mm Gate Valve Chamber Mechanical Drawing	Material-Mec	March 13, 2016	March 22, 2016	C
326	SUB-15-00010-CHR-243-A	Chamber Rehabilitation Dilapidation Survey	Pre-Construction	March 13, 2016	March 22, 2016	C
327	SUB-15-00010-MTN-244-A	Al-Mutilla Network Dilapidation Survey	Pre-Construction	March 13, 2016	March 31, 2016	A
316	SUB-15-00010-SMT-211-B	Sanur Connection Champers Shop Drawings	Shop Drawing	March 14, 2016	March 31, 2016	B

TASK ORDER SUBMITTALS LOG

No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
329	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
330	SUB-15-00010-SWJ-246-A	Updated CPM Schedule Submittal February 29,2016	Pre-Construction	March 15, 2016		Pending
331	SUB-15-00010-AJR-247-A	Dilapidation Survey (Ajja Reservoir)	Pre-Construction	March 16, 2016	March 22, 2016	A
332	SUB-15-00010-SMT-225-B	Sanur Meithalun Flow Monitoring Vault Shop Drawings	Shop Drawing	March 17, 2016		Pending
321	SUB-15-00010-KFR-248-A	Geotechnical Inspection Report For Kuferit Reservoir	Pre-Construction	March 17, 2016	March 22, 2016	E
333	SUB-15-00010-SWJ-222-B	Stainless Steel Bolts and Nuts	Material-Mec	March 19, 2016		
334	SUB-15-00010-KFR-239-B	Kuferit 500m3 Reservoir Thimble & Under Drain Plan-For Construction	Material-Mec	March 20, 2016		Pending
335	SUB-15-00010-MTB-249-A	Main Distribution Board	Material-elec	March 20, 2016	March 28, 2016	C
301	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		Pending
337	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		Pending
327	SUB-15-00010-AJR-251-A	Traffic Plan for Ajja Reservoir	Pre-Construction	March 23, 2016		Pending
328	SUB-15-00010-SWJ-116-B	Internal Epoxy Coating - Nitocote EP406	Method Statement	March 24, 2016		Pending
317	SUB-15-00010-SWJ-232-B	SikaTop Seal 107 Material For Internal coating	Method Statement	March 24, 2016		Pending
330	SUB-15-00008-SWJ-252 -A	Temporary Storage Yard Location	Pre-Construction	March 24, 2016		Pending
331	SUB-15-00008-SWJ-253-A	Method Statement and Material for Internal Epoxy Coating	Method Statement	March 24, 2016		Pending
332	SUB-15-00008-SWJ-254-A	Traffic Control Plan Night Works	Pre-Construction	March 24, 2016		Pending
333	SUB-15-00010-SWJ-054-C	Booster Pumps/KSB	Material-Mec	March 27, 2016	March 31, 2016	Retracted
322	SUB-15-00010-SWJ-242-B	250mm Gate Valve Chamber Mechanical Drawing	Material-Mec	March 27, 2016		Pending
334	SUB-15-0010-MTB-255-A	Shop Drawing for Retaining Wall For Al-Mutilla Booster Pump	Shop Drawing	March 27, 2016		Pending
335	SUB-15-00010-MTR-256-A	Motorized Gate Valves	Material-Mec	March 27, 2016		Pending
336	SUB-15-00008-SWJ-257-A	Method Statement for Cast of Concrete for Reservoirs-Foundation and Walls	method Statement	March 27, 2016		Pending

TASK ORDER SUBMITTALS LOG

No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
302	SUB-15-00010-SMT-258	Meithalon Outlet Connection Chamber	Shop Drawing	March 27, 2016		Pending
338	SUB-15-00010-AJR-259-A	Ajja 1000 m3 Reservoir Thimble & Under Drain Plan	Material-Mec	March 28, 2016		Pending
328	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		Pending
329	SUB-15-00010-AJR-261-A	Ajja Dump Area	Pre-Construction	March 29, 2016		Pending
318	SUB-15-0010-KRR-190-B	Shop Drawing for Retainig Wall for Kafer Ra'I Reservoir	Shop Drawing	March 30, 2016		Pending
331	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		Pending
332	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		Pending
333	SUB-15-00010-TJT-262-A	AUU Connection Chamber Shop Drawings	Shop Drawing	March 31, 2016		Pending
334	SUB-15-00010-TJT-263-A	TANIN Connection Chamber	Shop Drawing	March 31, 2016		Pending
323	SUB-15-00010-SWJ-155-B	Welder's Qualification Testing Report	Pre-Construction	March 4, 2016		Pending

20. Request for Information

Three Requests for Information were issued during the reporting period – For more details, please refer to Annex J.

No.	RFI No.	Project	Description	Submitted Date	Response Date
1.	RFI-15-00010-SWJ-C-E-010	SWJ	Pressure rating for existing service connection champers	March 2, 2016	March 6, 2016
2.	RFI-15-00010-SWJ-C-E-011	SWJ	Additional Documents-Flowmeter for Reservoirs and Chambers-System Upgrade proposal	March 13, 2016	March 23, 2016
3.	RFI-15-00010-SWJ-C-E-012	SWJ	Dimension of Maythaloun Well Inlet Connection Chamber.	March 21, 2016	Pending

21. Letters and Correspondence with USAID

a. Sixteen 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. Five 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).

Table 22.1 , (Incoming emails)

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-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
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
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

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
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
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

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
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
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

Table 22.2 , (Outgoing emails)

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

OUTGOING EMAILS LOG

No.	DC No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
1	TMGI-15-00010-OUT-0034	TO 15-10 SWJ -- SWJ Donation Request	Tharwat Abu Baker	Morganti	Kamal Kasbary	USAID	March 21, 2016
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

22. .Transmittals

Transmittal No.	Description	Submitting Date
TRS.0010.C-E-057	At Grade 500 m³ Kuferit Reservoir Structural Shop Drawings-For Construction	March 01, 2016
TRS.0010.C-E-058	SUB-15-00010-SWJ-158-B Pipe Heat Shrinkable Sleeve and Tape SUB-15-00010-KRR-167-C At Grade 1000 m³ Kafer Ra'i Reservoir Structural Shop Drawings-For Construction SUB-15-00010-KFR-234-A At Grade 500 m³ Kuferit Reservoir Earthing and Site Layout Electrical Shop Drawings SUB-15-00010-KRR-235-A Dilapidation Survey(Kafer Ra'i Reservoir)	March 02, 2016
TRS.0010.C-E-059	SUB-15-00010-AJR-236-A Dilapidation Survey(Ajja Pipeline)	March 03, 2016
TRS.0010.C-E-060	SUB-15-00010-SWJ-237-A Swellable Water Stop (SW30) Method Statement	March 06, 2016
TRS.0010.C-E-061	SUB-15-00010-ARR-210-B Arraba 2000 m³ Reservoir Under Drain Plan	March 07, 2016
TRS.0010.C-E-062	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"	March 08, 2016
TRS.0010.C-E-064	SUB-15-00010-SWJ-065-C Strainer/ Y-Type SUB-15-00010-AJR-166-C At Grade 1000 m³ Ajja Reservoir Structural Shop Drawings SUB-15-00010-SWJ-192-B Precast Manholes 2.5 X 2 m Clear Dimension ADDASI Company Product SUB-15-00010-JLR-216-B Jalqamus 1000m³ Reservoir Thimble & Under Drain Plan-for Construction SUB-15-00010-KFR-239-A Kuferit 500m³ Reservoir Thimble & Under Drain Plan SUB-15-00010-SWJ-240-A Welder Qualifications (CV's and ID's) SUB-15-00010-AJR-241-A At Grade 1000 m³ Ajja Reservoir Earthing and Site Layout Electrical Shop Drawings	March 09, 2016
TRS.0010.C-E-065	1. SUB-15-00010-SWJ-087-B Traffic Control Plan 2. SUB-15-00010-SWJ-172-C Steel Fence & Post for Reservoir and Booster Station- With Samples	March 10, 2016
TRS.0010.C-E-066	1. SUB-15-00010-MTR-098-C Al Mutilla Elevated Reservoir piping Plan & Sections 2. SUB-15-00010-SWJ-242-A 250mm Gate Valve Chamber Mechanical Drawing 3. SUB-15-00010-CHR-243-A Chamber	March 13, 2016

	Rehabilitation Dilapidation Survey 4. SUB-15-00010-MTN-244-A Al-Mutilla Network Dilapidation Survey	
TRS.0010.C-E-067	1. SUB-15-00010-SMT-211-B Sanur Connection Champers Shop Drawings 2. 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	March 14, 2016
TRS.0010.C-E-068	3. SUB-15-00010-SWJ-246-A Updated CPM Schedule Submittal February 29,2016	March 15, 2016
TRS.0010.C-E-069	4. SUB-15-00010-AJR-247-A Dilapidation Survey (Ajja Reservoir)	March 16, 2016
TRS.0010.C-E-070	SUB-15-00010-SMT-225-B Sanur Meithalun Flow Monitoring Vault Shop Drawings SUB-15-00010-KFR-248-A Geotechnical Inspection Report For Kuferit Reservoir	March 17, 2016
TRS.0010.C-E-071	SUB-15-00010-SWJ-222-B Stainless Steel Bolts and Nuts SUB-15-00010-KFR-239-B Kuferit 500m³ Reservoir Thimble & Under Drain Plan-For Construction SUB-15-00010-MTB-249-A Main Distribution Board 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"")"	March 20, 2016
TRS.0010.C-E-073	1. SUB-15-00010-JMT-238-B "Shop Drawings 2. Jalqamus- Mughayyir Force Line (6") Plan, Profile & Typical Section From STA. 0+000 - to STA. 2+753" 3. SUB-15-00010-AJR-251-A Traffic Plan for Ajja Reservoir	March 23, 2016
TRS.0010.C-E-074	SUB-15-00010-SWJ-116-B Internal Epoxy Coating - Nitocote EP406 SUB-15-00010-SWJ-232-B SikaTop Seal 107 Material For Internal coating SUB-15-00008-SWJ-252 -A Temporary Storage Yard Location SUB-15-00008-SWJ-253-A Method Statement and Material for Internal Epoxy Coating SUB-15-00008-SWJ-254-A Traffic Control Plan Night Works	March 24, 2016
TRS.0010.C-E-075	SUB-15-00010-SWJ-054-C Booster Pumps/KSB SUB-15-00010-SWJ-242-B 250mm Gate Valve Chamber Mechanical Drawing SUB-15-0010-MTB-255-A Shop Drawing for	March 27, 2016

	Retaining Wall For Al-Mutilla Booster Pump SUB-15-00010-MTR-256-A Motorized Gate Valves SUB-15-00008-SWJ-257-A Method Statement for Cast of Concrete for Reservoirs-Foundation and Walls SUB-15-00010-SMT-258Meithalon Outlet Connection Chamber	
TRS.0010.C-E-076	SUB-15-00010-AJR-259-A Ajja 1000 m³ Reservoir Thimble & Under Drain Plan 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 "	March 28, 2016
TRS.0010.C-E-077	SUB-15-00010-AJR-261-A Ajja Dump Area	March 29, 2016
TRS.0010.C-E-078	SUB-15-0010-KRR-190-B Shop Drawing for Retaining Wall for Kafer Ra'I Reservoir 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	March 30, 2016
TRS.0010.C-E-079	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 SUB-15-00010-TJT-262-A AUU Connection Chamber Shop Drawings SUB-15-00010-TJT-263-A TANIN Connection Chamber	March 31, 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-002	Progress payment # 2	March 15,2016	146,137.27		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

25. Variation Order Requests

VO. No.	Description	Submission Date .	Variation Order Amount	Time Extension Days
VOR-15-00010-SWJ-001-A	New Definitive Quantities	March 15, 2016	95.847.60 $	55
VOR-15-00010-SWJ-002-A	Additional two sites offices (6 meters site caravan)for Ajja & Kufer Rai Reservoirs.	March 23, 2016	59,146.60 $	0
VOR-15-00010-SWJ-002-B	Additional two sites offices (6 meters site caravan)for Ajja & Kufer Rai Reservoirs.	March 30, 2016	59,146.00	0

Three variation order requests were issued during this reporting period.

26. Obstacles and Challenges

There were many obstacles were taken place during this period, such as heavy rainy weather, high speed wind and very low temperature in all projects in this task order.
The differing site conditions and variations in Jalqamus, Arraba and Kuferit affected the progress of work.

USAID | WEST BANK/GAZA

27. PROGRESS PHOTOS

Reinforcement For Boundary Wall At Jalqamus Reservoir

Formwork For Lean Concrete Under Boundary Wall At Arraba

Beams Formworks at Al Mutilla

Site Visit With USAID, BV And TMGI

Formwork For Retaining Wall At Jalqamus

Field Density Test For 3rd Backfill Layer At Jalqamus

Field Density Test At Arraba

Cast Lean Concrete For Boundary Wall At Arraba

USAID | WEST BANK/GAZA
FROM THE AMERICAN PEOPLE

Kuferit Site Excavation

Form Work For Retaining Wall At Jalqamus

Concrete Barriers At Jalqamus

Field Density Test For 3rd Layer At Arraba

Spreading 4th Layer Of Backfill Material / Under Jalqamus Reservoir

Stairs Formworks At Al Mutilla

Formwork For Retaining Wall From Point 3-4 At Jalqamus

Boundary Wall Works At Arraba

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Compacting Of Selected Backfill Layer At Arraba

Staircase Concrete Casting At Al Mutilla

Kuferit Site Excavation

Boundary Wall Works At Arraba

Site Visit With CMC

Formwork For Retaining Wall At Jalqamus

Casting Concrete For Boundary Wall Footing At Arraba

Curing And Formwork At Al Mutilla

Excavation For RW Footings At Kuferit

Concrete Work For RW Footing At Jalqamus

Formwork For Boundary Wall Stem, Curing And Housekeeping

Inspection Of Excavation For RW Footings At Kuferit

Inspection Of Base Course Layer Level At JALQAMUS

Formwork And Steel Reinforcement For Retaining Wall At Jalqamus

General Site View At Arraba Reservoir

Housekeeping At Jalqamus

Excavation For Boundary Wall At Jalqamus

Formwork Of Boundary Wall At Arraba

Field Density Test At Arraba

Casting Concrete Of 1st Level Beams At Al Mutilla

Excavation Works At Kuferit

Formwork For Retaining Walls At Jalqamus

Formwork At Al Mutilla

Formworks For Lean Concrete At Kuferit

Casting Concrete At JALQAMUS

Casting Concrete For Boundary Wall At Arraba

Toolbox Meeting At Arraba

Site Visit At Kuferit

Backfilling Internal Perforated Pipes Trench At Arraba

Formwork For Lean Concrete Under Reservoir's Floor Slab At Arraba

Preparation Works For Concrete Works At Kuferit

Boundary Wall Footing Reinforcement At Jalqamus

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Place Vapor Barrier Under Lean Concrete At Arraba

Preparation Before Casting Lean Concrete At Jalqamus

Casting Lean Concrete Ta Arraba

Casting Concrete For Boundary Wall Stem At Arraba

Columns Steel Reinforcement At Al Mutilla

Steel Reinforcement And Formwork At Kuferit

Formwork For Boundary Wall At Jalqamus

De-Shuttering Formwork At Arraba

Preparing Scaffolding At Al Mutilla

Photo 1 - Casting Concrete For RW Footings At Jalqamus

Preparation Works Before Casting Lean Concrete In Reservoir At JALQAMUS

Continue Preparation And Installation Of Reservoir's Scaffolding At Al Mutilla

Welders Qualification Test At Storage Yard	Welder's Ppes At Storage Yard

Curing Plan RW Footings At Kuferit	Casting Lean Concreteat Jalqamus

Curing Of Lean Concrete

Site Visit At Arraba

Continue Formwork For Retaining Wall Footings At Kuferit

Reinforcement Steel Works At Retaining Wall At Jalqamus

Curing Works For Lean Concrete Under Slab Of Grade At Jalqamus

Curing Works For Lean Concrete Under Slab Of Grade At Arraba

Formwork Of Wall Footing At Arraba

Formwork Of Retaining Wall At Al Mutilla

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Continue Formwork For 2nd Level Columns At Al Mutilla

Installation Of Work Area Fence At Ajja Reservoir.

Continue Formwork For Retaining Wall Footings At Kuferit

Reinforcement Steel Works For Slab On Grade At Arraba

AL Continue Formwork For 2nd Level Columns At Al Mutilla

Continue Formwork And Steel Reinforcement Works For Retaining Wall Footings At Kuferit

Casting Concrete For Retaining Wall Stem At Jalqamus

Concrete Curing Works At Jalqamus

Reinforcement Steel Works For Slab On Grade At Arraba

Reinforcement Steel Works For Slab On Grade At Arraba

Casting Concrete For Retaining Wall Footings At Kuferit

Casting 2nd Level Columns At Al Mutilla

Water Stop Works At Arraba

Reinforcement Steel For Reservoir Slab On Grad At Jalqamus

Water Proof Works At Arraba

Reinforcement Steel For Reservoir Slab On Grad At Jalqamus

Site Visit To Arraba Reservoir

Site Visit To Kuferit Reservoir

Site Visit To Al Mutilla Reservoir

Curing Of Concrete For RW Footings At Kuferit

ANNEXES

Annex A – Materials & Equipment Receiving Log

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 m3	Al Mutilla Reservoir	10-Feb-16
11.	Subgrade	30 ton	Arraba Reservoir	13-Feb-16
12.	Lean concrete	7 m3	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 m3	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 m3	Arraba Reservoir	
19.	Encasement concrete	3ton	Jalqamus Reservoir	22-Feb-16
20.	B 30	28 m3	Jalqamus Reservoir	24-Feb-16

21.	Base course	40 ton	Kuferit Reservoir	25-Feb-16
22.	Pipe encasement concrete	3 m3	Arraba Reservoir	
23.	A1 class concrete	27 m3	Al Mutilla Reservoir	27-Feb-16
24.	Concrete B 30	6 m3	Jalqamus Reservoir	28-Feb-16
25.	Lean concrete	7 m3	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

Equipment on Site:

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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
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	1	8		December 07, 2015

	(without Driver)					
	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	
	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
	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
	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	
	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
	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
	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	
	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
	PEUOGEOT 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
	PEUOGEOT 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
	Mercedes Benz 613	1	8		02-Feb-16
	Surveing Tools	2	8		03-Feb-16
	KIA-FORTE(Without driver)	2	16		03-Feb-16
	PEUOGEOT 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	
PEUOGEOT 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	
PEUOGEOT 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	
PEUOGEOT 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	
PEUOGEOT 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	
PEUOGEOT 301(Without driver)	1	8		09-Feb-16	
Skoda Fabia 2013	1	8		09-Feb-16	
Wheel Excavator /DX210W DOSAN-2009	1	4		09-Feb-16	
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	

	PEUOGEOT 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	
	PEUOGEOT 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	
	PEUOGEOT 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	
	PEUOGEOT 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	
	PEUOGEOT 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	
	PEUOGEOT 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	
	PEUOGEOT 301(Without driver)	1	8		16-Feb-16	
	Truck	1	8		16-Feb-16	
	Skoda Fabia 2013	1	8		16-Feb-16	
	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
	PEUOGEOT 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
	PEUOGEOT 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
	PEUOGEOT 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
	PEUOGEOT 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
	PEUOGEOT 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
	PEUOGEOT 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
	Surveing Tools	2	16		23-Feb-16
	KIA-FORTE(Without driver)	2	16		23-Feb-16

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

Annex B – Original Time Schedule

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

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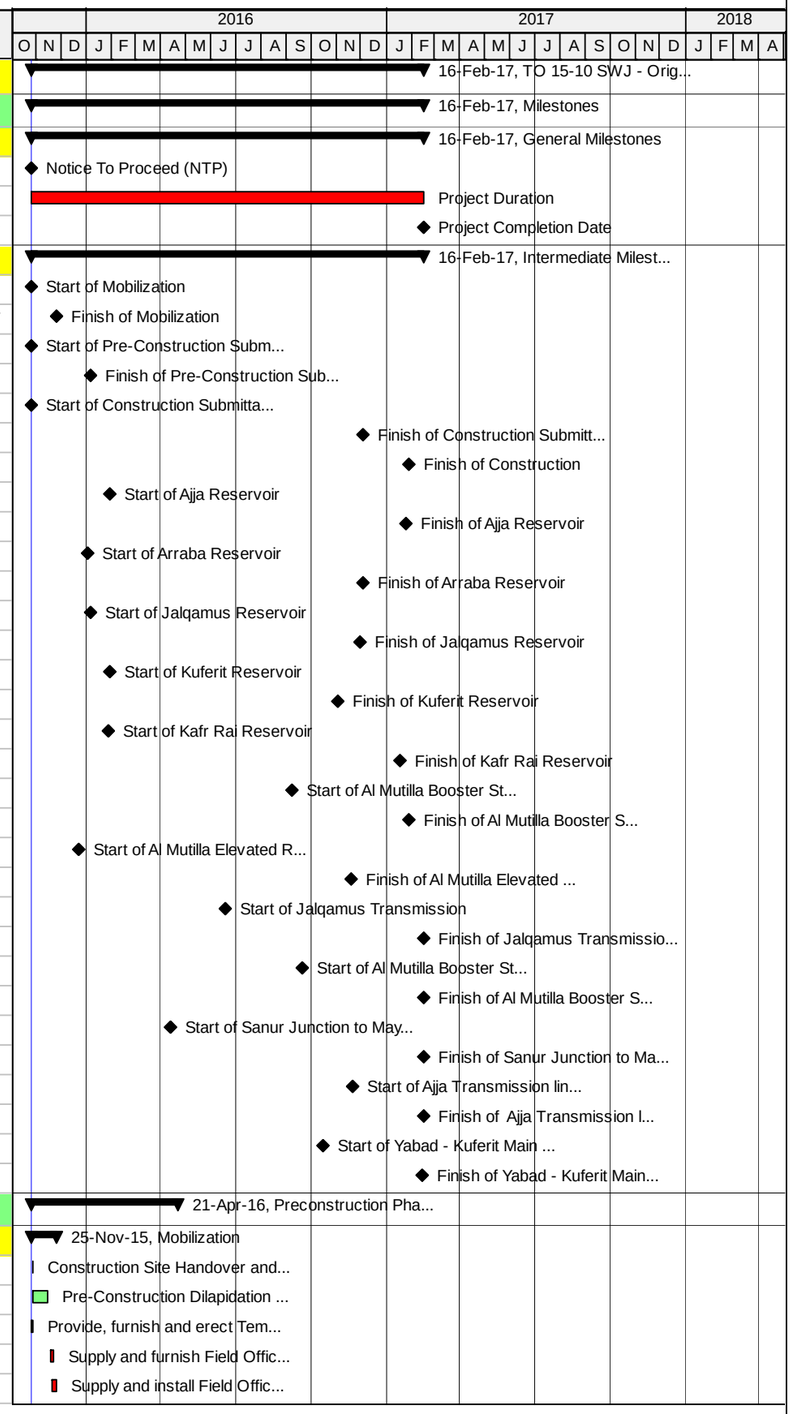
Activity ID	Activity Name	Original Duration	Start	Finish
TO 15-10 SWJ - Original Baseline Schedule - Southwest Jenin Water Project				
Milestones				
General Milestones				
A-1000	Notice To Proceed (NTP)	0d	26-Oct-15*	
A-1010	Project Duration	480d	26-Oct-15	16-Feb-17
A-1020	Project Completion Date	0d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



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

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Activity ID	Activity Name	Original Duration	Start	Finish
SWJ - MOB-1040	Arrange for and erect Contractor's work and Storage Yards	2d	21-Nov-15	22-Nov-15
SWJ - MOB-1060	Post OSHA-required notices and establish safety programs	2d	01-Nov-15	02-Nov-15
SWJ - MOB-1070	Installation of Temporary Facilities as per section 01500	3d	23-Nov-15	25-Nov-15
SWJ - MOB-1075	Survey Work	15d	26-Oct-15	11-Nov-15
SWJ - MOB-1080	Mobilization Summary	26d	26-Oct-15	25-Nov-15
Preconstruction Submittals				
SWJ-PC-SUB-01	Preparation & Submit Copy of Bank Guarantee Certificates	1d	09-Nov-15	09-Nov-15*
SWJ-PC-SUB-01-R&A	Review & Approval of Bank Guarantee Certificates	21d	10-Nov-15	09-Dec-15
SWJ-PC-SUB-02	Preparation & Submit Scheduling Qualification Submittal	2d	26-Oct-15	27-Oct-15*
SWJ-PC-SUB-02-R&A	Review & Approval of Scheduling Qualification Submittal	21d	28-Oct-15	26-Nov-15
SWJ-PC-SUB-03	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)	9d	26-Oct-15	04-Nov-15*
SWJ-PC-SUB-03-R&A	Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation)	21d	05-Nov-15	06-Dec-15
SWJ-PC-SUB-04	Preparation & Submit Submittals Schedule	2d	26-Oct-15	27-Oct-15
SWJ-PC-SUB-04-R&A	Review & Approval of Submittals Schedule	21d	01-Nov-15	30-Nov-15
SWJ-PC-SUB-05	Preparation & Submit Key Staff	5d	26-Oct-15	31-Oct-15
SWJ-PC-SUB-05-R&A	Review & Approval of Key Staff	21d	01-Nov-15	30-Nov-15
SWJ-PC-SUB-06	Preparation & Submit Project Temporary Signs	2d	26-Oct-15	27-Oct-15
SWJ-PC-SUB-06-R&A	Review & Approval of Project Temporary Signs	18d	28-Oct-15	23-Nov-15
SWJ-PC-SUB-07	Preparation & Submit Engineer's Field Office Location and Layout	2d	26-Oct-15	27-Oct-15
SWJ-PC-SUB-07-R&A	Review & Approval of Engineer's Field Office Location and Layout	15d	28-Oct-15	18-Nov-15
SWJ-PC-SUB-08	Preparation & Submit Field Office Furniture and Equipment Plan	2d	26-Oct-15	27-Oct-15
SWJ-PC-SUB-08-R&A	Review & Approval of Field Office Furniture and Equipment Plan	15d	28-Oct-15	18-Nov-15
SWJ-PC-SUB-09	Preparation & Submit Field Office Computer Systems and Miscellaneous	5d	26-Oct-15	31-Oct-15
SWJ-PC-SUB-09-R&A	Review & Approval of Field Office Computer Systems and Miscellaneous	14d	01-Nov-15	19-Nov-15
SWJ-PC-SUB-10	Preparation & Submit Quality Control Plan with Testing Lab C.V	5d	26-Oct-15	31-Oct-15*
SWJ-PC-SUB-10-R&A	Review & Approval of Quality Control Plan with Testing Lab C.V	21d	01-Nov-15	30-Nov-15
SWJ-PC-SUB-11	Preparation & Submit Safety Plan	5d	26-Oct-15	31-Oct-15*
SWJ-PC-SUB-11-R&A	Review & Approval of Safety Plan	21d	01-Nov-15	30-Nov-15
SWJ-PC-SUB-13	Preparation & Submit Environmental Monitoring and Mitigation Plan	3d	26-Oct-15	28-Oct-15*
SWJ-PC-SUB-13-R&A	Review & Approval of Environmental Monitoring and Mitigation Plan	21d	29-Oct-15	29-Nov-15
SWJ-PC-SUB-14	Preparation & Submit General Construction Method Statement	5d	26-Oct-15	31-Oct-15
SWJ-PC-SUB-14-R&A	Review & Approval of General Constraction Method Statement	21d	01-Nov-15	30-Nov-15
SWJ-PC-SUB-15	Preparation & Submit Original CPM Construction Schedule	21d	29-Oct-15	23-Nov-15*
SWJ-PC-SUB-15-R&A	Review & Approval of Original CPM Construction Schedule	21d	07-Dec-15	06-Jan-16*
SWJ-PC-SUB-16	Preparation & Submit Construction Risk Management Program	5d	26-Oct-15	31-Oct-15
SWJ-PC-SUB-16-R&A	Review & Approval of Construction Risk Management Program	21d	01-Nov-15	30-Nov-15
SWJ-PC-SUB-17	Preparation & Submit Dilapidation Survey	3d	16-Nov-15	18-Nov-15
SWJ-PC-SUB-17-R&A	Review & Approval of Dilapidation Survey	21d	19-Nov-15	17-Dec-15
SWJ-PC-SUB-19	Preparation & Submit Insurances	5d	26-Oct-15	31-Oct-15
SWJ-PC-SUB-19-R&A	Review & Approval of Insurances	21d	01-Nov-15	30-Nov-15
SWJ-PC-SUB-20	Preparation & Submit Lists of Permits and Licenses	5d	26-Oct-15	31-Oct-15
SWJ-PC-SUB-20-R&A	Review & Approval of Lists of Permits and Licenses	21d	01-Nov-15	30-Nov-15
SWJ-PC-SUB-21	Preparation & Submit Dumping Site	4d	26-Oct-15	29-Oct-15
SWJ-PC-SUB-21-R&A	Review & Approval of Dumping Site	21d	01-Nov-15	30-Nov-15
SWJ-PC-SUB-22	Preparation & Submit Storage Yard	3d	26-Oct-15	28-Oct-15

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

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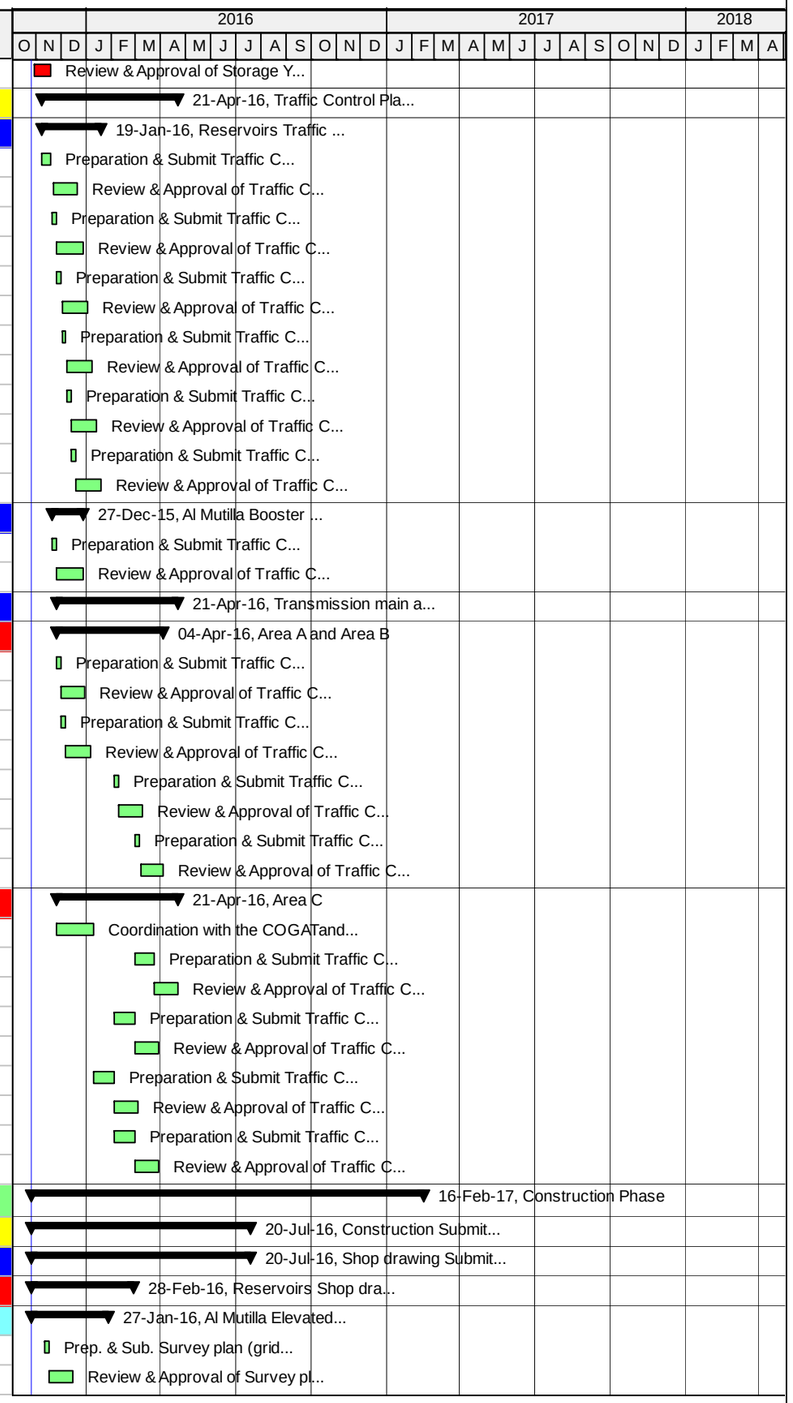
Activity ID	Activity Name	Original Duration	Start	Finish
SWJ-PC-SUB-22-R&A	Review & Approval of Storage Yard	15d	29-Oct-15	19-Nov-15
Traffic Control Plan Submittals				
Reservoirs Traffic Control Plan Submittals				
SWJ-TCP-1000	Preparation & Submit Traffic Control Plan for Al Mutilla Reservoir	11d	07-Nov-15	19-Nov-15
SWJ-TCP-1010	Review & Approval of Traffic Control Plan for Al Mutilla Reservoir	21d	22-Nov-15	20-Dec-15
SWJ-TCP-1180	Preparation & Submit Traffic Control Plan for Arraba Reservoir	5d	21-Nov-15	25-Nov-15
SWJ-TCP-1190	Review & Approval of Traffic Control Plan for Arraba Reservoir	21d	26-Nov-15	27-Dec-15
SWJ-TCP-1200	Preparation & Submit Traffic Control Plan for Jalqamus Reservoir	5d	26-Nov-15	01-Dec-15
SWJ-TCP-1210	Review & Approval of Traffic Control Plan for Jalqamus Reservoir	21d	02-Dec-15	03-Jan-16
SWJ-TCP-1220	Preparation & Submit Traffic Control Plan for Kuferit Reservoir	5d	02-Dec-15	07-Dec-15
SWJ-TCP-1230	Review & Approval of Traffic Control Plan for Kuferit Reservoir	21d	08-Dec-15	07-Jan-16
SWJ-TCP-1240	Preparation & Submit Traffic Control Plan for Kafr Rai Reservoir	5d	08-Dec-15	13-Dec-15
SWJ-TCP-1250	Review & Approval of Traffic Control Plan for Kafr Rai Reservoir	21d	14-Dec-15	13-Jan-16
SWJ-TCP-1260	Preparation & Submit Traffic Control Plan for Ajja Reservoir	5d	14-Dec-15	19-Dec-15
SWJ-TCP-1270	Review & Approval of Traffic Control Plan for Ajja Reservoir	21d	20-Dec-15	19-Jan-16
Al Mutilla Booster Station Traffic Control Plan Submittals				
SWJ-TCP-1020	Preparation & Submit Traffic Control Plan for Al Mutilla Booster Station	5d	21-Nov-15	25-Nov-15
SWJ-TCP-1030	Review & Approval of Traffic Control Plan for Al Mutilla Booster Station	21d	26-Nov-15	27-Dec-15
Transmission main and supply pipelines Traffic Control Plan Submittals				
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
SWJ-TCP-1290	Review & Approval of Traffic Control Plan for Sanur Junction to Maythaloun Well	21d	01-Dec-15	30-Dec-15
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
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
SWJ-TCP-1320	Preparation & Submit Traffic Control Plan for Yabad-Kuferit Pipeline (Area A and B)	5d	04-Feb-16	09-Feb-16
SWJ-TCP-1330	Review & Approval of Traffic Control Plan for Yabad-Kuferit Pipeline (Area A and B)	21d	10-Feb-16	09-Mar-16
SWJ-TCP-1340	Preparation & Submit Traffic Control Plan for Anza-Ajja (Area A and B)	5d	01-Mar-16	06-Mar-16
SWJ-TCP-1350	Review & Approval of Traffic Control Plan for Anza-Ajja (Area A and B)	21d	07-Mar-16	04-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
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
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
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
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
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
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
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
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
Construction Phase				
Construction Submittals				
Shop drawing Submittals				
Reservoirs Shop drawing Submittals				
Al Mutilla Elevated Reservoir - New Construction 500 m3				
MTR-SD-100	Prep. & Sub. Survey plan (grid points) for Al Mutilla Elevated Reservoir	3d	12-Nov-15	16-Nov-15
MTR-SD-110	Review & Approval of Survey plan (grid points) for Al Mutilla Elevated Reservoir	21d	17-Nov-15	15-Dec-15



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

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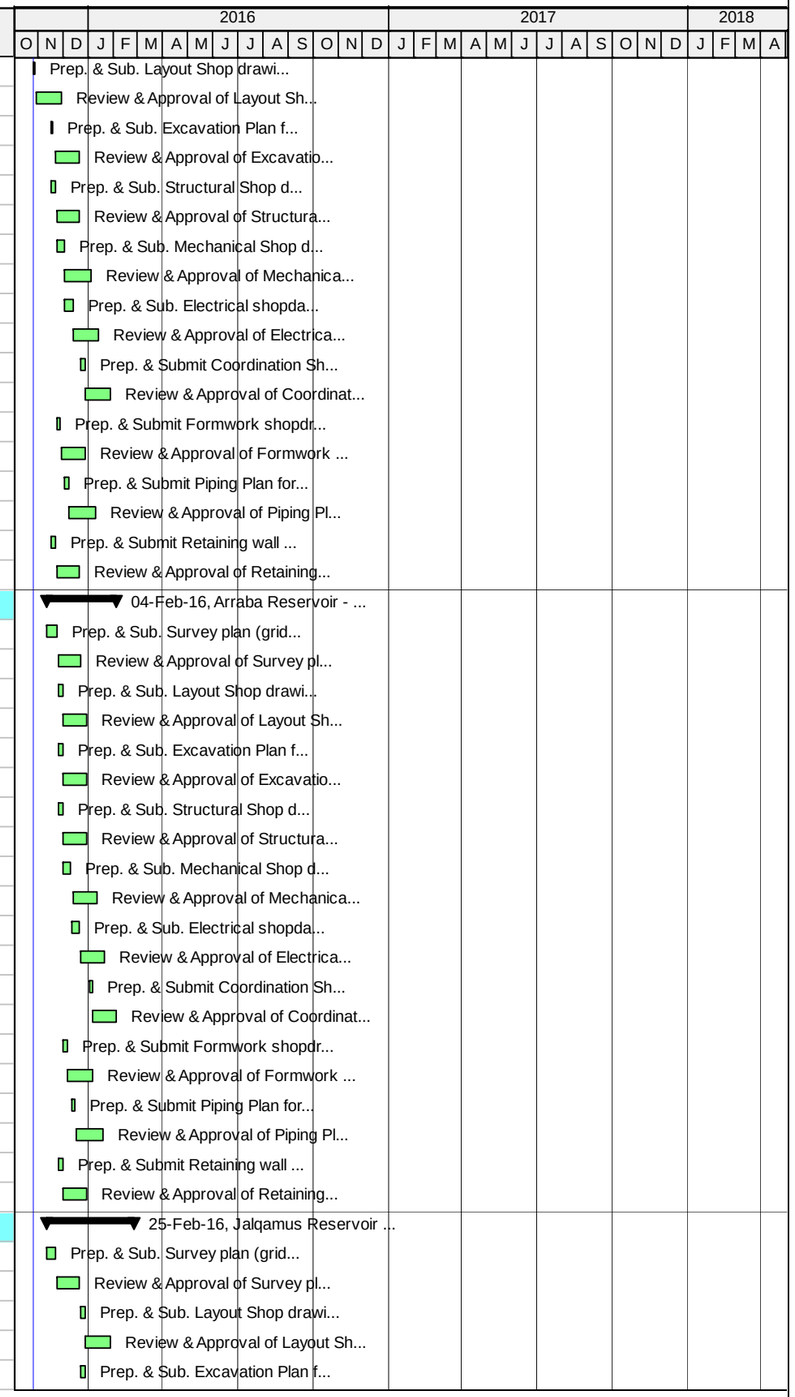
Activity ID	Activity Name	Original Duration	Start	Finish
MTR-SD-120	Prep. & Sub. Layout Shop drawing for Al Mutilla Elevated Reservoir	3d	26-Oct-15	28-Oct-15
MTR-SD-130	Review & Approval of Layout Shop drawing for Al Mutilla Elevated Reservoir	21d	29-Oct-15	29-Nov-15
MTR-SD-140	Prep. & Sub. Excavation Plan for Al Mutilla Elevated Reservoir	3d	17-Nov-15	19-Nov-15
MTR-SD-150	Review & Approval of Excavation Plan for Al Mutilla Elevated Reservoir	21d	22-Nov-15	20-Dec-15
MTR-SD-160	Prep. & Sub. Structural Shop drawing for Al Mutilla Elevated Reservoir	5d	17-Nov-15	22-Nov-15
MTR-SD-170	Review & Approval of Structural Shop drawing for Al Mutilla Elevated Reservoir	21d	23-Nov-15	21-Dec-15
MTR-SD-180	Prep. & Sub. Mechanical Shop drawing for Al Mutilla Elevated Reservoir	9d	23-Nov-15	02-Dec-15
MTR-SD-190	Review & Approval of Mechanical Shop drawing for Al Mutilla Elevated Reservoir	21d	03-Dec-15	04-Jan-16
MTR-SD-200	Prep. & Sub. Electrical shopdarwing for Al Mutilla Elevated Reservoir	9d	03-Dec-15	13-Dec-15
MTR-SD-210	Review & Approval of Electrical shopdarwing for Al Mutilla Elevated Reservoir	21d	14-Dec-15	13-Jan-16
MTR-SD-220	Prep. & Submit Coordination Shop drawing for Al Mutilla Elevated Reservoir	5d	22-Dec-15	28-Dec-15
MTR-SD-230	Review & Approval of Coordination Shop drawing for Al Mutilla Elevated Reservoir	21d	29-Dec-15	27-Jan-16
MTR-SD-240	Prep. & Submit Formwork shopdrawing for Al Mutilla Elevated Reservoir	5d	23-Nov-15	28-Nov-15
MTR-SD-250	Review & Approval of Formwork shopdrawing for Al Mutilla Elevated Reservoir	21d	29-Nov-15	28-Dec-15
MTR-SD-260	Prep. & Submit Piping Plan for Al Mutilla Elevated Reservoir	5d	03-Dec-15	08-Dec-15
MTR-SD-270	Review & Approval of Piping Plan for Al Mutilla Elevated Reservoir	21d	09-Dec-15	10-Jan-16
MTR-SD-280	Prep. & Submit Retaining wall Shopdrawing for Al Mutilla Elevated Reservoir	5d	17-Nov-15	22-Nov-15
MTR-SD-290	Review & Approval of Retaining wall Shopdrawing for Al Mutilla Elevated Reservoir	21d	23-Nov-15	21-Dec-15
Arraba Reservoir - Replacement of existing 1000 m3 with a new 2,000 m3				
ARR-SD-100	Prep. & Sub. Survey plan (grid points) for Arraba Reservoir	10d	12-Nov-15	24-Nov-15
ARR-SD-110	Review & Approval of Survey plan (grid points) for Arraba Reservoir	21d	25-Nov-15	23-Dec-15
ARR-SD-120	Prep. & Sub. Layout Shop drawing for Arraba Reservoir	5d	25-Nov-15	30-Nov-15
ARR-SD-130	Review & Approval of Layout Shop drawing for Arraba Reservoir	21d	01-Dec-15	30-Dec-15
ARR-SD-140	Prep. & Sub. Excavation Plan for Arraba Reservoir	5d	25-Nov-15	30-Nov-15
ARR-SD-150	Review & Approval of Excavation Plan for Arraba Reservoir	21d	01-Dec-15	30-Dec-15
ARR-SD-160	Prep. & Sub. Structural Shop drawing for Arraba Reservoir	5d	25-Nov-15	30-Nov-15
ARR-SD-170	Review & Approval of Structural Shop drawing for Arraba Reservoir	21d	01-Dec-15	30-Dec-15
ARR-SD-180	Prep. & Sub. Mechanical Shop drawing for Arraba Reservoir	9d	01-Dec-15	10-Dec-15
ARR-SD-190	Review & Approval of Mechanical Shop drawing for Arraba Reservoir	21d	13-Dec-15	12-Jan-16
ARR-SD-200	Prep. & Sub. Electrical shopdarwing for Arraba Reservoir	9d	12-Dec-15	21-Dec-15
ARR-SD-210	Review & Approval of Electrical shopdarwing for Arraba Reservoir	21d	22-Dec-15	21-Jan-16
ARR-SD-220	Prep. & Submit Coordination Shop drawing for Arraba Reservoir	5d	02-Jan-16	06-Jan-16
ARR-SD-230	Review & Approval of Coordination Shop drawing for Arraba Reservoir	21d	07-Jan-16	04-Feb-16
ARR-SD-240	Prep. & Submit Formwork shopdrawing for Arraba Reservoir	5d	01-Dec-15	06-Dec-15
ARR-SD-250	Review & Approval of Formwork shopdrawing for Arraba Reservoir	21d	07-Dec-15	06-Jan-16
ARR-SD-260	Prep. & Submit Piping Plan for Arraba Reservoir	5d	12-Dec-15	16-Dec-15
ARR-SD-270	Review & Approval of Piping Plan for Arraba Reservoir	21d	17-Dec-15	18-Jan-16
ARR-SD-280	Prep. & Submit Retaining wall Shopdrawing for Arraba Reservoir	5d	25-Nov-15	30-Nov-15
ARR-SD-290	Review & Approval of Retaining wall Shopdrawing for Arraba Reservoir	21d	01-Dec-15	30-Dec-15
Jalqamus Reservoir - Replacement of existing 500 m3 with a new 1,000 m3				
JLR-SD-1000	Prep. & Sub. Survey plan (grid points) for Jalqamus Reservoir	8d	12-Nov-15	22-Nov-15
JLR-SD-1010	Review & Approval of Survey plan (grid points) for Jalqamus Reservoir	21d	23-Nov-15	21-Dec-15
JLR-SD-1020	Prep. & Sub. Layout Shop drawing for Jalqamus Reservoir	5d	22-Dec-15	28-Dec-15
JLR-SD-1030	Review & Approval of Layout Shop drawing for Jalqamus Reservoir	21d	29-Dec-15	27-Jan-16
JLR-SD-1040	Prep. & Sub. Excavation Plan for Jalqamus Reservoir	5d	22-Dec-15	28-Dec-15



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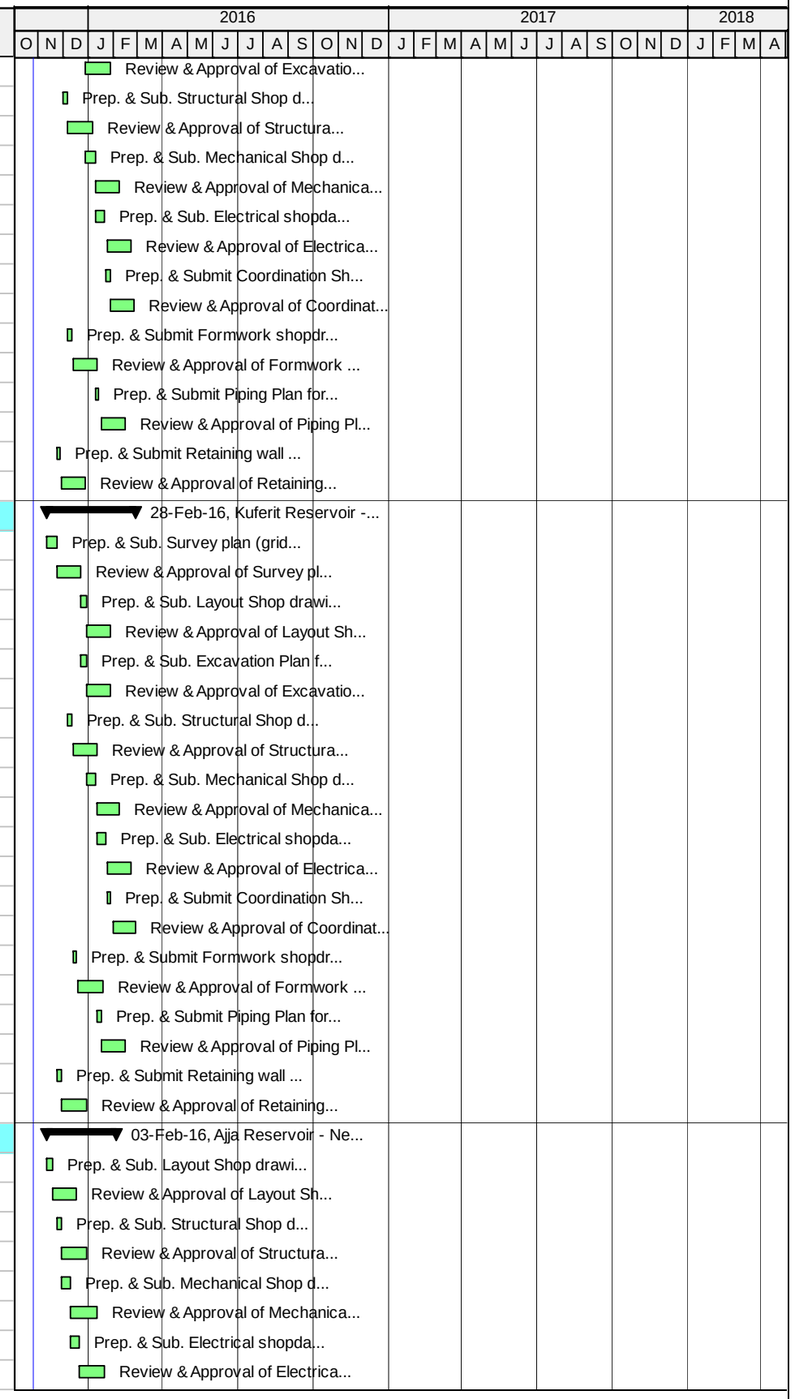
Activity ID	Activity Name	Original Duration	Start	Finish
JLR-SD-1050	Review & Approval of Excavation Plan for Jalqamus Reservoir	21d	29-Dec-15	27-Jan-16
JLR-SD-1060	Prep. & Sub. Structural Shop drawing for Jalqamus Reservoir	5d	01-Dec-15	06-Dec-15
JLR-SD-1070	Review & Approval of Structural Shop drawing for Jalqamus Reservoir	21d	07-Dec-15	06-Jan-16
JLR-SD-1080	Prep. & Sub. Mechanical Shop drawing for Jalqamus Reservoir	9d	29-Dec-15	09-Jan-16
JLR-SD-1090	Review & Approval of Mechanical Shop drawing for Jalqamus Reservoir	21d	10-Jan-16	07-Feb-16
JLR-SD-1100	Prep. & Sub. Electrical shopdarwing for Jalqamus Reservoir	9d	10-Jan-16	21-Jan-16
JLR-SD-1110	Review & Approval of Electrical shopdarwing for Jalqamus Reservoir	21d	24-Jan-16	21-Feb-16
JLR-SD-1120	Prep. & Submit Coordination Shop drawing for Jalqamus Reservoir	5d	23-Jan-16	27-Jan-16
JLR-SD-1130	Review & Approval of Coordination Shop drawing for Jalqamus Reservoir	21d	28-Jan-16	25-Feb-16
JLR-SD-1140	Prep. & Submit Formwork shopdrawing for Jalqamus Reservoir	5d	07-Dec-15	12-Dec-15
JLR-SD-1150	Review & Approval of Formwork shopdrawing for Jalqamus Reservoir	21d	13-Dec-15	12-Jan-16
JLR-SD-1160	Prep. & Submit Piping Plan for Jalqamus Reservoir	5d	10-Jan-16	14-Jan-16
JLR-SD-1170	Review & Approval of Piping Plan for Jalqamus Reservoir	21d	17-Jan-16	14-Feb-16
JLR-SD-1180	Prep. & Submit Retaining wall Shopdrawing for Jalqamus Reservoir	5d	23-Nov-15	28-Nov-15
JLR-SD-1190	Review & Approval of Retaining wall Shopdrawing for Jalqamus Reservoir	21d	29-Nov-15	28-Dec-15
Kuferit Reservoir - New Construction 500 m3				
KFR-SD-100	Prep. & Sub. Survey plan (grid points) for Kuferit Reservoir	9d	12-Nov-15	23-Nov-15
KFR-SD-110	Review & Approval of Survey plan (grid points) for Kuferit Reservoir	21d	24-Nov-15	22-Dec-15
KFR-SD-120	Prep. & Sub. Layout Shop drawing for Kuferit Reservoir	5d	23-Dec-15	29-Dec-15
KFR-SD-130	Review & Approval of Layout Shop drawing for Kuferit Reservoir	21d	30-Dec-15	28-Jan-16
KFR-SD-140	Prep. & Sub. Excavation Plan for Kuferit Reservoir	5d	23-Dec-15	29-Dec-15
KFR-SD-150	Review & Approval of Excavation Plan for Kuferit Reservoir	21d	30-Dec-15	28-Jan-16
KFR-SD-160	Prep. & Sub. Structural Shop drawing for Kuferit Reservoir	5d	07-Dec-15	12-Dec-15
KFR-SD-170	Review & Approval of Structural Shop drawing for Kuferit Reservoir	21d	13-Dec-15	12-Jan-16
KFR-SD-180	Prep. & Sub. Mechanical Shop drawing for Kuferit Reservoir	9d	30-Dec-15	10-Jan-16
KFR-SD-190	Review & Approval of Mechanical Shop drawing for Kuferit Reservoir	21d	11-Jan-16	08-Feb-16
KFR-SD-200	Prep. & Sub. Electrical shopdarwing for Kuferit Reservoir	9d	11-Jan-16	23-Jan-16
KFR-SD-210	Review & Approval of Electrical shopdarwing for Kuferit Reservoir	21d	24-Jan-16	21-Feb-16
KFR-SD-220	Prep. & Submit Coordination Shop drawing for Kuferit Reservoir	5d	24-Jan-16	28-Jan-16
KFR-SD-230	Review & Approval of Coordination Shop drawing for Kuferit Reservoir	21d	31-Jan-16	28-Feb-16
KFR-SD-240	Prep. & Submit Formwork shopdrawing for Kuferit Reservoir	5d	13-Dec-15	17-Dec-15
KFR-SD-250	Review & Approval of Formwork shopdrawing for Kuferit Reservoir	21d	20-Dec-15	19-Jan-16
KFR-SD-260	Prep. & Submit Piping Plan for Kuferit Reservoir	5d	11-Jan-16	16-Jan-16
KFR-SD-270	Review & Approval of Piping Plan for Kuferit Reservoir	21d	17-Jan-16	14-Feb-16
KFR-SD-280	Prep. & Submit Retaining wall Shopdrawing for Kuferit Reservoir	5d	24-Nov-15	29-Nov-15
KFR-SD-290	Review & Approval of Retaining wall Shopdrawing for Jalqamus Reservoir	21d	30-Nov-15	29-Dec-15
Ajja Reservoir - New Construction 1,000 m3				
AJR-SD-1000	Prep. & Sub. Layout Shop drawing for Ajja Reservoir	5d	12-Nov-15	18-Nov-15
AJR-SD-1010	Review & Approval of Layout Shop drawing for Ajja Reservoir	21d	19-Nov-15	17-Dec-15
AJR-SD-1020	Prep. & Sub. Structural Shop drawing for Ajja Reservoir	5d	24-Nov-15	29-Nov-15
AJR-SD-1030	Review & Approval of Structural Shop drawing for Ajja Reservoir	21d	30-Nov-15	29-Dec-15
AJR-SD-1040	Prep. & Sub. Mechanical Shop drawing for Ajja Reservoir	9d	30-Nov-15	09-Dec-15
AJR-SD-1050	Review & Approval of Mechanical Shop drawing for Ajja Reservoir	21d	10-Dec-15	11-Jan-16
AJR-SD-1060	Prep. & Sub. Electrical shopdarwing for Ajja Reservoir	9d	10-Dec-15	20-Dec-15
AJR-SD-1070	Review & Approval of Electrical shopdarwing for Ajja Reservoir	21d	21-Dec-15	20-Jan-16



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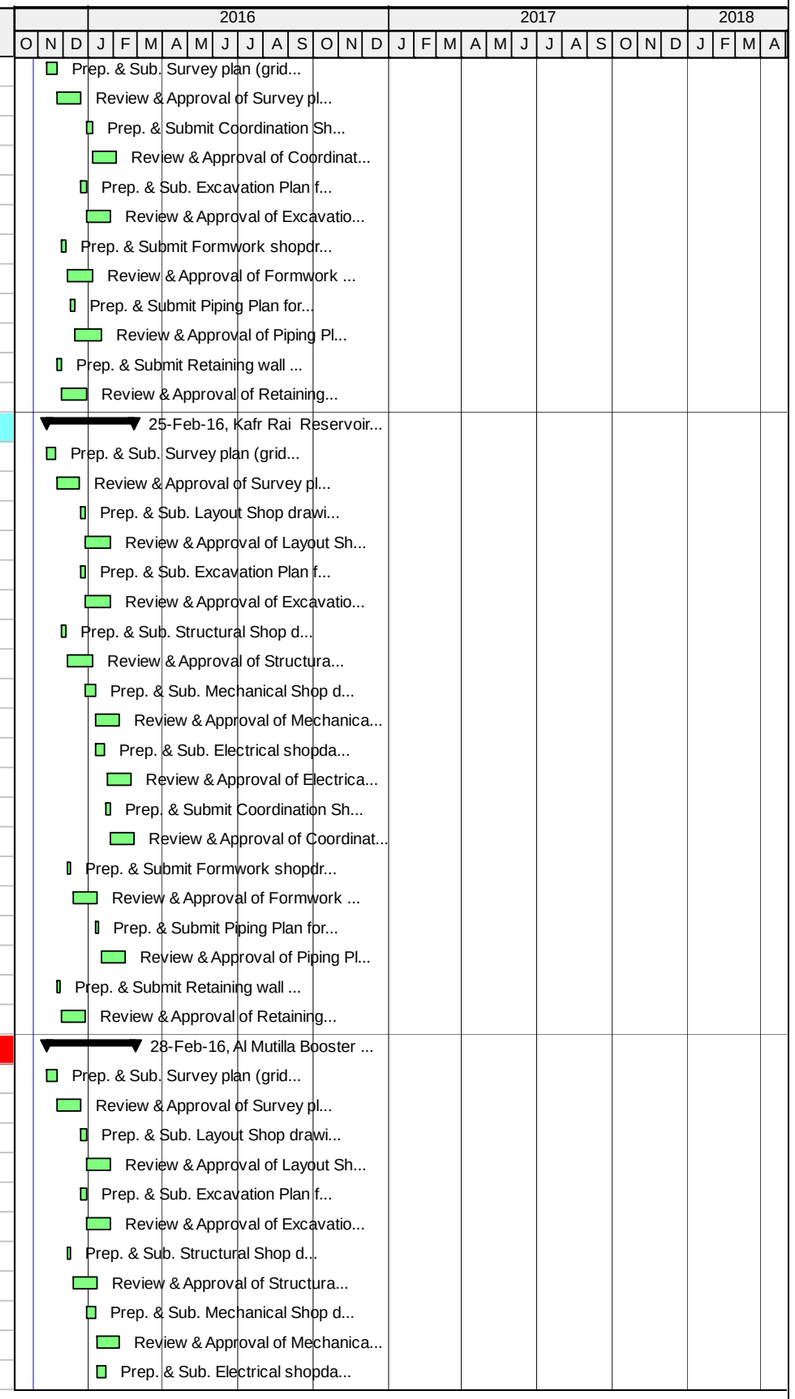
Activity ID	Activity Name	Original Duration	Start	Finish
AJR-SD-1080	Prep. & Sub. Survey plan (grid points) for Ajja Reservoir	9d	12-Nov-15	23-Nov-15
AJR-SD-1090	Review & Approval of Survey plan (grid points) for Ajja Reservoir	21d	24-Nov-15	22-Dec-15
AJR-SD-1110	Prep. & Submit Coordination Shop drawing for Ajja Reservoir	5d	30-Dec-15	05-Jan-16
AJR-SD-1115	Review & Approval of Coordination Shop drawing for Ajja Reservoir	21d	06-Jan-16	03-Feb-16
AJR-SD-1120	Prep. & Sub. Excavation Plan for Ajja Reservoir	5d	23-Dec-15	29-Dec-15
AJR-SD-1130	Review & Approval of Excavation Plan for Ajja Reservoir	21d	30-Dec-15	28-Jan-16
AJR-SD-1150	Prep. & Submit Formwork shopdrawing for Ajja Reservoir	5d	30-Nov-15	05-Dec-15
AJR-SD-1155	Review & Approval of Formwork shopdrawing for Ajja Reservoir	21d	06-Dec-15	05-Jan-16
AJR-SD-1170	Prep. & Submit Piping Plan for Ajja Reservoir	5d	10-Dec-15	15-Dec-15
AJR-SD-1175	Review & Approval of Piping Plan for Ajja Reservoir	21d	16-Dec-15	17-Jan-16
AJR-SD-1190	Prep. & Submit Retaining wall Shopdrawing for Ajja Reservoir	5d	24-Nov-15	29-Nov-15
AJR-SD-1195	Review & Approval of Retaining wall Shopdrawing for Ajja Reservoir	21d	30-Nov-15	29-Dec-15
Kafr Rai Reservoir - New Construction 1,000 m3				
KRR-SD-100	Prep. & Sub. Survey plan (grid points) for Kafr Rai Reservoir	8d	12-Nov-15	22-Nov-15
KRR-SD-110	Review & Approval of Survey plan (grid points) for Kafr Rai Reservoir	21d	23-Nov-15	21-Dec-15
KRR-SD-120	Prep. & Sub. Layout Shop drawing for Kafr Rai Reservoir	5d	22-Dec-15	28-Dec-15
KRR-SD-130	Review & Approval of Layout Shop drawing for Kafr Rai Reservoir	21d	29-Dec-15	27-Jan-16
KRR-SD-140	Prep. & Sub. Excavation Plan for Kafr Rai Reservoir	5d	22-Dec-15	28-Dec-15
KRR-SD-150	Review & Approval of Excavation Plan for Kafr Rai Reservoir	21d	29-Dec-15	27-Jan-16
KRR-SD-160	Prep. & Sub. Structural Shop drawing for Kafr Rai Reservoir	5d	30-Nov-15	05-Dec-15
KRR-SD-170	Review & Approval of Structural Shop drawing for Kafr Rai Reservoir	21d	06-Dec-15	05-Jan-16
KRR-SD-180	Prep. & Sub. Mechanical Shop drawing for Kafr Rai Reservoir	9d	29-Dec-15	09-Jan-16
KRR-SD-190	Review & Approval of Mechanical Shop drawing for Kafr Rai Reservoir	21d	10-Jan-16	07-Feb-16
KRR-SD-200	Prep. & Sub. Electrical shopdarwing for Kafr Rai Reservoir	9d	10-Jan-16	21-Jan-16
KRR-SD-210	Review & Approval of Electrical shopdarwing for Kafr Rai Reservoir	21d	24-Jan-16	21-Feb-16
KRR-SD-220	Prep. & Submit Coordination Shop drawing for Kafr Rai Reservoir	5d	23-Jan-16	27-Jan-16
KRR-SD-230	Review & Approval of Coordination Shop drawing for Kafr Rai Reservoir	21d	28-Jan-16	25-Feb-16
KRR-SD-240	Prep. & Submit Formwork shopdrawing for Kafr Rai Reservoir	5d	06-Dec-15	10-Dec-15
KRR-SD-250	Review & Approval of Formwork shopdrawing for Kafr Rai Reservoir	21d	13-Dec-15	12-Jan-16
KRR-SD-260	Prep. & Submit Piping Plan for Kafr Rai Reservoir	5d	10-Jan-16	14-Jan-16
KRR-SD-270	Review & Approval of Piping Plan for Kafr Rai Reservoir	21d	17-Jan-16	14-Feb-16
KRR-SD-280	Prep. & Submit Retaining wall Shopdrawing for Kafr Rai Reservoir	5d	23-Nov-15	28-Nov-15
KRR-SD-290	Review & Approval of Retaining wall Shopdrawing for Kafr Rai Reservoir	21d	29-Nov-15	28-Dec-15
Al Mutilla Booster Station Shop drawing Submittals				
MTB-SD-100	Prep. & Sub. Survey plan (grid points) for Al Mutilla Booster Station	9d	12-Nov-15	23-Nov-15
MTB-SD-110	Review & Approval of Survey plan (grid points) for Al Mutilla Booster Station	21d	24-Nov-15	22-Dec-15
MTB-SD-120	Prep. & Sub. Layout Shop drawing for Al Mutilla Booster Station	5d	23-Dec-15	29-Dec-15
MTB-SD-130	Review & Approval of Layout Shop drawing for Al Mutilla Booster Station	21d	30-Dec-15	28-Jan-16
MTB-SD-140	Prep. & Sub. Excavation Plan for Al Mutilla Booster Station	5d	23-Dec-15	29-Dec-15
MTB-SD-150	Review & Approval of Excavation Plan for Al Mutilla Booster Station	21d	30-Dec-15	28-Jan-16
MTB-SD-160	Prep. & Sub. Structural Shop drawing for Al Mutilla Booster Station	5d	06-Dec-15	10-Dec-15
MTB-SD-170	Review & Approval of Structural Shop drawing for Al Mutilla Booster Station	21d	13-Dec-15	12-Jan-16
MTB-SD-180	Prep. & Sub. Mechanical Shop drawing for Al Mutilla Booster Station	9d	30-Dec-15	10-Jan-16
MTB-SD-190	Review & Approval of Mechanical Shop drawing for Al Mutilla Booster Station	21d	11-Jan-16	08-Feb-16
MTB-SD-200	Prep. & Sub. Electrical shopdarwing for Al Mutilla Booster Station	9d	11-Jan-16	23-Jan-16



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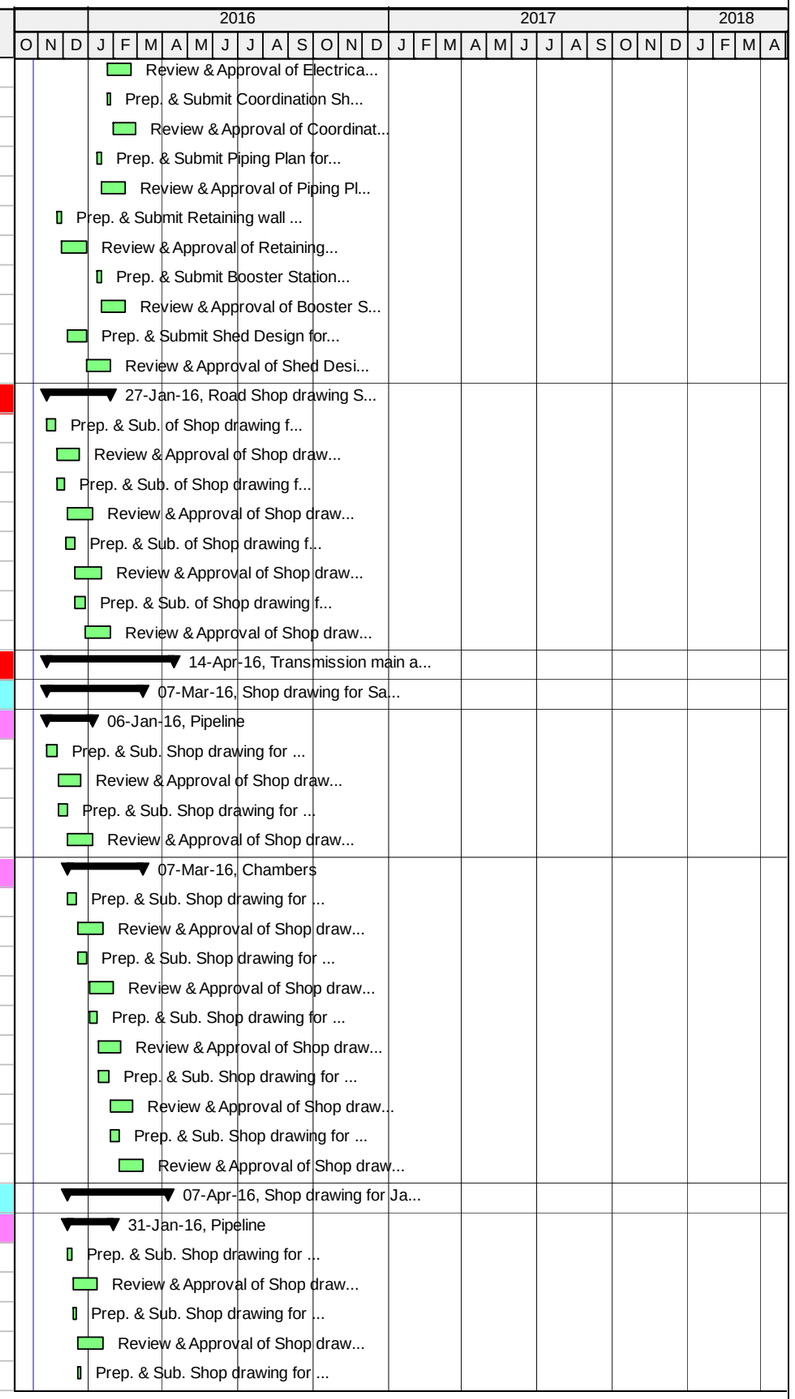
Activity ID	Activity Name	Original Duration	Start	Finish
MTB-SD-210	Review & Approval of Electrical shopdarwing for Al Mutilla Booster Station	21d	24-Jan-16	21-Feb-16
MTB-SD-220	Prep. & Submit Coordination Shop drawing for Al Mutilla Booster Station	5d	24-Jan-16	28-Jan-16
MTB-SD-230	Review & Approval of Coordination Shop drawing for Al Mutilla Booster Station	21d	31-Jan-16	28-Feb-16
MTB-SD-260	Prep. & Submit Piping Plan for Al Mutilla Booster Station	5d	11-Jan-16	16-Jan-16
MTB-SD-270	Review & Approval of Piping Plan for Al Mutilla Booster Station	21d	17-Jan-16	14-Feb-16
MTB-SD-280	Prep. & Submit Retaining wall Shopdrawing for Al Mutilla Booster Station	5d	24-Nov-15	29-Nov-15
MTB-SD-290	Review & Approval of Retaining wall Shopdrawing for Arraba Reservoir	21d	30-Nov-15	29-Dec-15
MTB-SD-300	Prep. & Submit Booster Station SCADA-PLC system for Al Mutilla Booster Station	5d	11-Jan-16	16-Jan-16
MTB-SD-310	Review & Approval of Booster Station SCADA-PLC system for Al Mutilla Booster Station	21d	17-Jan-16	14-Feb-16
MTB-SD-320	Prep. & Submit Shed Design for Al Mutilla Booster Station	20d	06-Dec-15	29-Dec-15
MTB-SD-330	Review & Approval of Shed Design for Al Mutilla Booster Station	21d	30-Dec-15	28-Jan-16
Road Shop drawing Submittals				
R-SD-1000	Prep. & Sub. of Shop drawing for Access Road to Jalqamus Reservoir (190 m of two-lane road with shoulder)	8d	12-Nov-15	22-Nov-15
R-SD-1010	Review & Approval of Shop drawing for Access Road to Jalqamus Reservoir (190 m of two-lane road with shoulder)	21d	23-Nov-15	21-Dec-15
R-SD-1020	Prep. & Sub. of Shop drawing for Access Road to Kuferit Reservoir (170 m of two-lane road with shoulder)	10d	23-Nov-15	03-Dec-15
R-SD-1030	Review & Approval of Shop drawing for Access Road to Kuferit Reservoir (170 m of two-lane road with shoulder)	21d	06-Dec-15	05-Jan-16
R-SD-1040	Prep. & Sub. of Shop drawing for Access Road to Ajja Reservoir (238 m of two-lane road with shoulder)	10d	05-Dec-15	15-Dec-15
R-SD-1050	Review & Approval of Shop drawing for Access Road to Ajja Reservoir (238 m of two-lane road with shoulder)	21d	16-Dec-15	17-Jan-16
R-SD-1060	Prep. & Sub. of Shop drawing for Access Road to Kufr Rai Reservoir (62 m of two-lane road with shoulder)	10d	16-Dec-15	28-Dec-15
R-SD-1070	Review & Approval of Shop drawing for Access Road to Kufr Rai Reservoir (62 m of two-lane road with shoulder)	21d	29-Dec-15	27-Jan-16
Transmission main and supply pipelines Shop drawing Submittals				
Shop drawing for Sanur - Maythaloun Transmission Pipeline (250mm x 3.7 km)				
Pipeline				
SMT-SD-1000	Prep. & Sub. Shop drawing for Sanur Junction to Maythaloun Well (from St. SMT 0+000 to St. 1+000) (250mm)	10d	12-Nov-15	24-Nov-15
SMT-SD-1010	Review & Approval of Shop drawing for Sanur Junction to Maythaloun Well (from St. SMT 0+000 to St. 1+000) (250mm)	21d	25-Nov-15	23-Dec-15
SMT-SD-1020	Prep. & Sub. Shop drawing for Sanur Junction to Maythaloun Well (from St. SMT 1+000 to St. 3+700) (250mm)	10d	25-Nov-15	06-Dec-15
SMT-SD-1030	Review & Approval of Shop drawing for Sanur Junction to Maythaloun Well (from St. SMT 1+000 to St. 3+700) (250mm)	21d	07-Dec-15	06-Jan-16
Chambers				
SMT-SD-1050	Prep. & Sub. Shop drawing for Sanur Connection Chamber (CHD-103)	10d	07-Dec-15	17-Dec-15
SMT-SD-1060	Review & Approval of Shop drawing for Sanur Connection Chamber (CHD-103)	21d	20-Dec-15	19-Jan-16
SMT-SD-1070	Prep. & Sub. Shop drawing for Flow Monitoring Chamber at Station 3+620 (M-VCFM) - Sanur Transmission	10d	19-Dec-15	30-Dec-15
SMT-SD-1080	Review & Approval of Shop drawing for Flow Monitoring Chamber at Station 3+620 (M-VCFM) - Sanur Transmission	21d	03-Jan-16	31-Jan-16
SMT-SD-1090	Prep. & Sub. Shop drawing for Inlet Connection Chamber at Station 3+680 (CHD - 105)	10d	02-Jan-16	12-Jan-16
SMT-SD-1100	Review & Approval of Shop drawing for Inlet Connection Chamber at Station 3+680 (CHD - 105)	21d	13-Jan-16	10-Feb-16
SMT-SD-1110	Prep. & Sub. Shop drawing for Meithalun Well Outlet Connection Chamber 150mm (CCH-106)	10d	13-Jan-16	26-Jan-16
SMT-SD-1120	Review & Approval of Shop drawing for Meithalun Well Outlet Connection Chamber 150mm (CCH-106)	21d	27-Jan-16	24-Feb-16
SMT-SD-1130	Prep. & Sub. Shop drawing for Meithalun Well Outlet Connection Chamber 250mm (CCH-106)	10d	27-Jan-16	07-Feb-16
SMT-SD-1140	Review & Approval of Shop drawing for Meithalun Well Outlet Connection Chamber 250mm (CCH-106)	21d	08-Feb-16	07-Mar-16
Shop drawing for Jalqamus - Al Mutilla Transmission Pipeline				
Pipeline				
TJT-SD-1000	Prep. & Sub. Shop drawing for Talfit to Jalqamus Force line (from St. TJT 0+000 to St. 2+330) (150mm)	5d	07-Dec-15	12-Dec-15
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	13-Dec-15	12-Jan-16
TJT-SD-1020	Prep. & Sub. Shop drawing for Jalqamus to Um Atut Forceline (from St. TJT 0+000 to St. 1+800) (150mm)	5d	13-Dec-15	17-Dec-15
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	20-Dec-15	19-Jan-16
TJT-SD-1040	Prep. & Sub. Shop drawing for Um Atut - Al Mutilla Transmission Pipeline (from St. 0+000 to St. 3+400) (150mm)	5d	19-Dec-15	23-Dec-15



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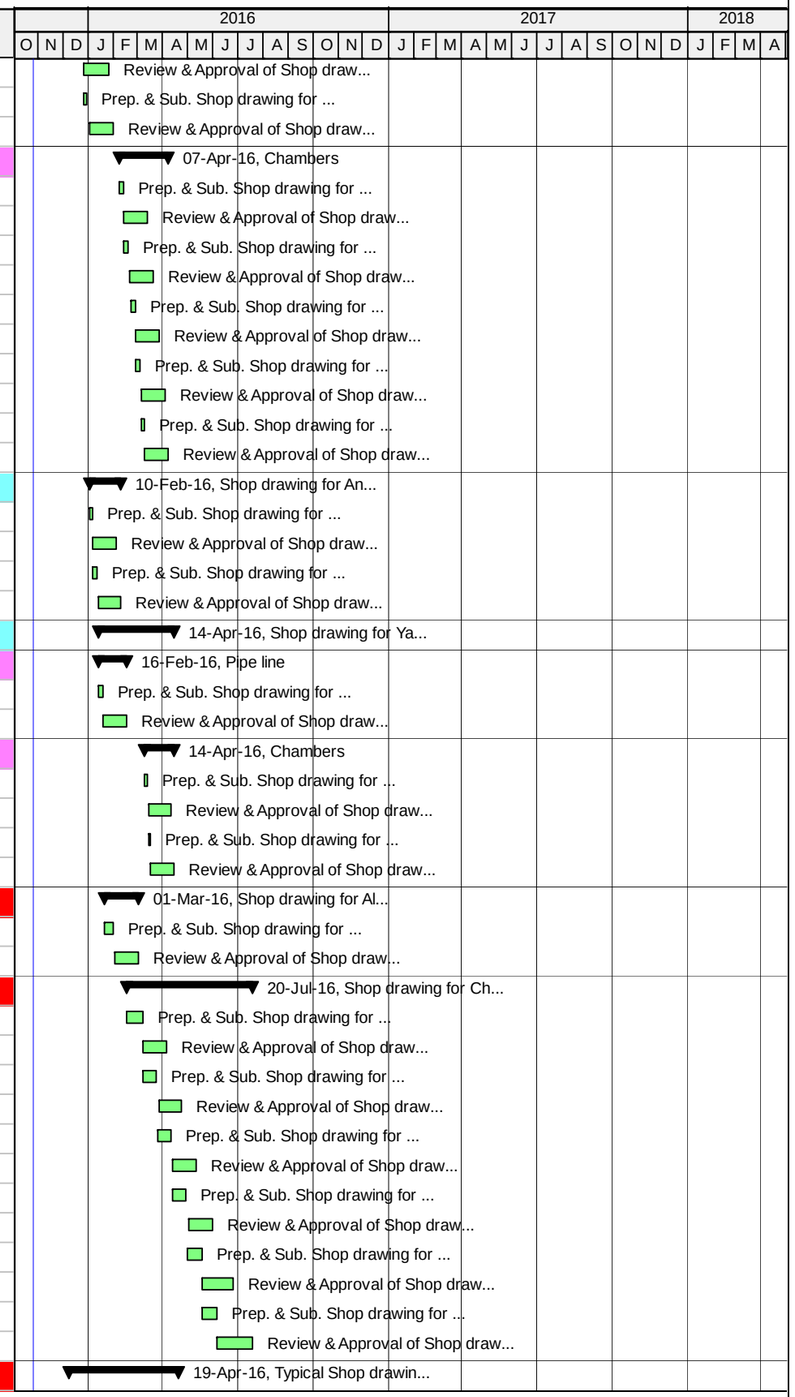
Activity ID	Activity Name	Original Duration	Start	Finish
TJT-SD-1050	Review & Approval of Shop drawing for Um Atut - Al Mutilla Transmission Pipeline (from St. 0+000 to St. 3+400) (150mm)	21d	27-Dec-15	25-Jan-16
TJT-SD-1060	Prep. & Sub. Shop drawing for Al Mutilla Transmission Pipeline (from St. 0+000 to St. 1+720) (150mm)	5d	26-Dec-15	30-Dec-15
TJT-SD-1070	Review & Approval of Shop drawing for Al Mutilla Transmission Pipeline (from St. 0+000 to St. 1+720) (150mm)	21d	03-Jan-16	31-Jan-16
Chambers				
TJT-SD-1080	Prep. & Sub. Shop drawing for AAU Connection Chamber at Station 0+620 (CHD-155)	5d	08-Feb-16	13-Feb-16
TJT-SD-1090	Review & Approval of Shop drawing for AAU Connection Chamber at Station 0+620 (CHD-155)	21d	14-Feb-16	13-Mar-16
TJT-SD-1100	Prep. & Sub. Shop drawing for Tanin Connection Chamber at station 1+030	5d	14-Feb-16	18-Feb-16
TJT-SD-1110	Review & Approval of Shop drawing for Tanin Connection Chamber at station 1+030	21d	21-Feb-16	20-Mar-16
TJT-SD-1120	Prep. & Sub. Shop drawing for Jalqamous Connection Chamber (CHD-171)	5d	22-Feb-16	27-Feb-16
TJT-SD-1130	Review & Approval of Shop drawing for Jalqamous Connection Chamber (CHD-171)	21d	28-Feb-16	27-Mar-16
TJT-SD-1140	Prep. & Sub. Shop drawing for Umatut Connection Chamber (CHD-173)	5d	28-Feb-16	03-Mar-16
TJT-SD-1150	Review & Approval of Shop drawing for Umatut Connection Chamber (CHD-173)	21d	06-Mar-16	03-Apr-16
TJT-SD-1160	Prep. & Sub. Shop drawing for Al Mughayyir Connection Chamber (CHD-191)	5d	05-Mar-16	09-Mar-16
TJT-SD-1170	Review & Approval of Shop drawing for Al Mughayyir Connection Chamber (CHD-191)	21d	10-Mar-16	07-Apr-16
Shop drawing for Anza - Ajja Transmission Pipeline				
AAT-SD-1000	Prep. & Sub. Shop drawing for Ajja Feeder Pipeline (from St. AAT 0+000 to St. 1+290) (200mm)	5d	02-Jan-16	06-Jan-16
AAT-SD-1010	Review & Approval of Shop drawing for Ajja Feeder Pipeline (from St. AAT 0+000 to St. 1+290) (200mm)	21d	07-Jan-16	04-Feb-16
AAT-SD-1020	Prep. & Sub. Shop drawing for Ajja Force Line Pipeline (from St. AAT 0+000 to St. 1+080) (200mm)	5d	07-Jan-16	12-Jan-16
AAT-SD-1030	Review & Approval of Shop drawing for Ajja Force Line Pipeline (from St. AAT 0+000 to St. 1+080) (200mm)	21d	13-Jan-16	10-Feb-16
Shop drawing for Yabad - Kuferit Transmission Pipeline				
Pipe line				
YKT-SD-1000	Prep. & Sub. Shop drawing for Yabad - Kuferit Transmission Pipeline (from St. YKT 0+000 to St. 2+300) (150mm)	5d	13-Jan-16	18-Jan-16
YKT-SD-1010	Review & Approval of Shop drawing for Yabad - Kuferit Transmission Pipeline (from St. YKT 0+000 to St. 2+300) (150mm)	21d	19-Jan-16	16-Feb-16
Chambers				
YKT-SD-1020	Prep. & Sub. Shop drawing for Connection Chamber at station 0+618 on 150mm pipe (CHF-122)	3d	10-Mar-16	13-Mar-16
YKT-SD-1030	Review & Approval of Shop drawing for Connection Chamber at station 0+618 on 150mm pipe (CHF-122)	21d	14-Mar-16	11-Apr-16
YKT-SD-1040	Prep. & Sub. Shop drawing for Future Connection to Kufiret Well (150mm Gate Valve at Station 1+220)	3d	14-Mar-16	16-Mar-16
YKT-SD-1050	Review & Approval of Shop drawing for Future Connection to Kufiret Well (150mm Gate Valve at Station 1+220)	21d	17-Mar-16	14-Apr-16
Shop drawing for Al Mutilla Distribution Network				
MTN-SD-1000	Prep. & Sub. Shop drawing for Al Mutilla Distribution Network	10d	21-Jan-16	01-Feb-16
MTN-SD-1010	Review & Approval of Shop drawing for Al Mutilla Distribution Network	21d	02-Feb-16	01-Mar-16
Shop drawing for Chamber Construction, Replacement, and Rehabilitation				
SWJ-CH-SD-1000	Prep. & Sub. Shop drawing for Monitoring Chamber (1) as per detail M-VCFM	15d	17-Feb-16	07-Mar-16
SWJ-CH-SD-1010	Review & Approval of Shop drawing for Monitoring Chamber (1) as per detail M-VCFM	21d	08-Mar-16	05-Apr-16
SWJ-CH-SD-1020	Prep. & Sub. Shop drawing for Monitoring Chamber (1) with Main Pipeline from Qabatiya Well	15d	08-Mar-16	24-Mar-16
SWJ-CH-SD-1030	Review & Approval of Shop drawing for Monitoring Chamber (1) with Main Pipeline from Qabatiya Well	21d	27-Mar-16	24-Apr-16
SWJ-CH-SD-1040	Prep. & Sub. Shop drawing for Raba Connection Chamber as per detail CHD-241	15d	26-Mar-16	11-Apr-16
SWJ-CH-SD-1050	Review & Approval of Shop drawing for Raba Connection Chamber as per detail CHD-241	21d	12-Apr-16	12-May-16
SWJ-CH-SD-1060	Prep. & Sub. Shop drawing for Talfit Connection Chamber as per detail CHD-242	15d	12-Apr-16	28-Apr-16
SWJ-CH-SD-1070	Review & Approval of Shop drawing for Talfit Connection Chamber as per detail CHD-242	21d	03-May-16	31-May-16
SWJ-CH-SD-1080	Prep. & Sub. Shop drawing for new Proposed Rama Connection Chamber as per detail CHD-242	15d	30-Apr-16	18-May-16
SWJ-CH-SD-1090	Review & Approval of Shop drawing for new Proposed Rama Connection Chamber as per detail CHD-242	21d	19-May-16	26-Jun-16
SWJ-CH-SD-1100	Prep. & Sub. Shop drawing for Monitoring Chamber (2) as per detail M-VCFM - Location 11	15d	19-May-16	06-Jun-16
SWJ-CH-SD-1110	Review & Approval of Shop drawing for Monitoring Chamber (2) as per detail M-VCFM - Location 11	21d	06-Jun-16	20-Jul-16
Typical Shop drawing for Chambers				



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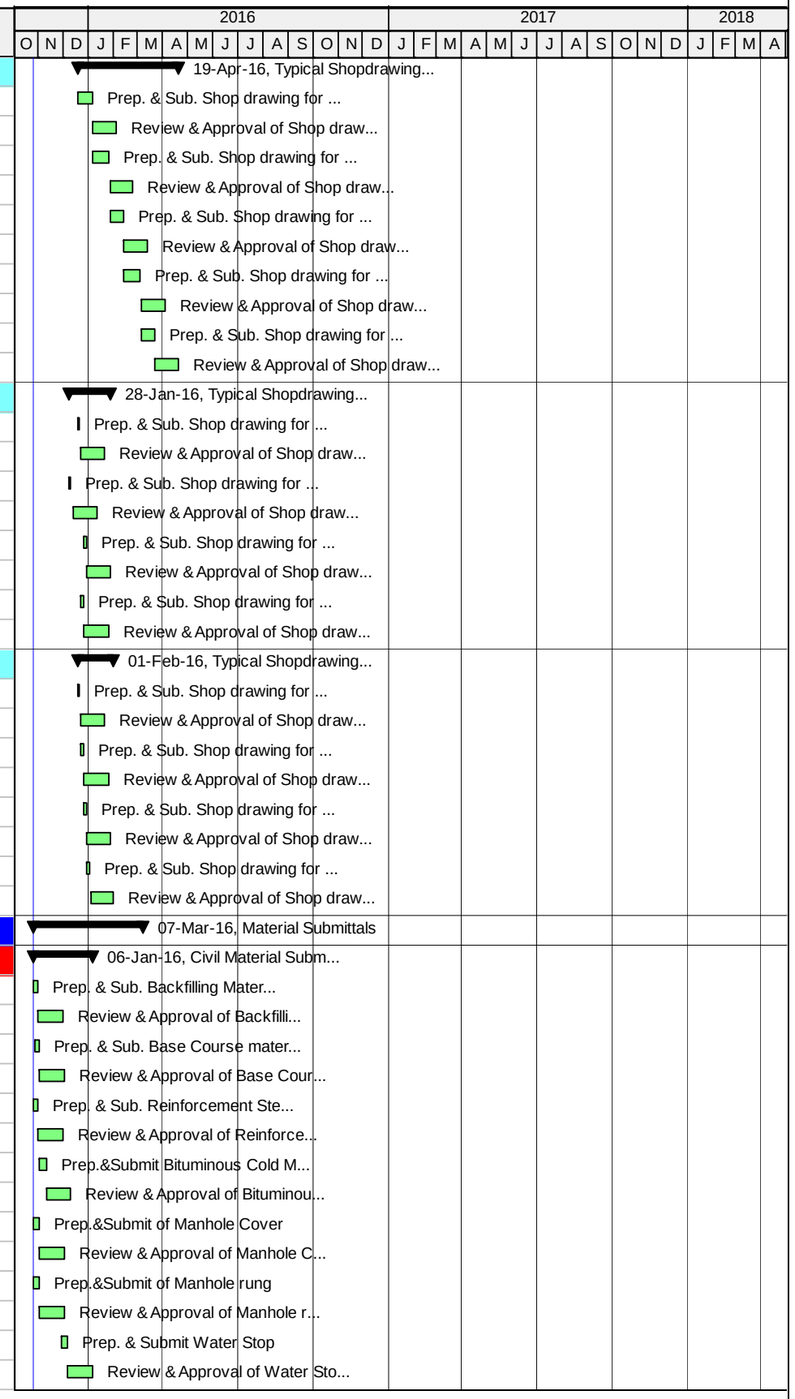
Activity ID	Activity Name	Original Duration	Start	Finish
Typical Shopdrawing for Gate Valve Chambers				
SWJ-CH-SD-1120	Prep. & Sub. Shop drawing for 50mm Gate Valve Chamber	15d	19-Dec-15	06-Jan-16
SWJ-CH-SD-1130	Review & Approval of Shop drawing for 50mm Gate Valve Chamber	21d	07-Jan-16	04-Feb-16
SWJ-CH-SD-1140	Prep. & Sub. Shop drawing for 75mm Gate Valve Chamber	15d	07-Jan-16	26-Jan-16
SWJ-CH-SD-1150	Review & Approval of Shop drawing for 75mm Gate Valve Chamber	21d	27-Jan-16	24-Feb-16
SWJ-CH-SD-1180	Prep. & Sub. Shop drawing for 150mm Gate Valve Chamber	15d	27-Jan-16	13-Feb-16
SWJ-CH-SD-1190	Review & Approval of Shop drawing for 150mm Gate Valve Chamber	21d	14-Feb-16	13-Mar-16
SWJ-CH-SD-1200	Prep. & Sub. Shop drawing for 200mm Gate Valve Chamber	15d	14-Feb-16	03-Mar-16
SWJ-CH-SD-1210	Review & Approval of Shop drawing for 200mm Gate Valve Chamber	21d	06-Mar-16	03-Apr-16
SWJ-CH-SD-1220	Prep. & Sub. Shop drawing for 250mm Gate Valve Chamber	15d	05-Mar-16	21-Mar-16
SWJ-CH-SD-1230	Review & Approval of Shop drawing for 250mm Gate Valve Chamber	21d	22-Mar-16	19-Apr-16
Typical Shopdrawing for Wash out Chambers				
SWJ-CH-SD-1240	Prep. & Sub. Shop drawing for 75mm Washout Chamber on 150mm pipe	3d	19-Dec-15	21-Dec-15
SWJ-CH-SD-1250	Review & Approval of Shop drawing for 75mm Washout Chamber on 150mm pipe	21d	22-Dec-15	21-Jan-16
SWJ-CH-SD-1340	Prep. & Sub. Shop drawing for 50mm Washout Chamber on 75mm pipe	3d	08-Dec-15	10-Dec-15
SWJ-CH-SD-1350	Review & Approval of Shop drawing for 50mm Washout Chamber on 75mm pipe	21d	13-Dec-15	12-Jan-16
SWJ-CH-SD-1360	Prep. & Sub. Shop drawing for 100mm Washout Chamber on 250mm pipe	3d	27-Dec-15	29-Dec-15
SWJ-CH-SD-1370	Review & Approval of Shop drawing for 100mm Washout Chamber on 250mm pipe	21d	30-Dec-15	28-Jan-16
SWJ-CH-SD-1380	Prep. & Sub. Shop drawing for 75mm Washout Chamber on 200mm pipe	3d	22-Dec-15	26-Dec-15
SWJ-CH-SD-1390	Review & Approval of Shop drawing for 75mm Washout Chamber on 200mm pipe	21d	27-Dec-15	25-Jan-16
Typical Shopdrawing for Air Release Valve Chambers				
SWJ-CH-SD-1260	Prep. & Sub. Shop drawing for 50mm Air Release Valve Chamber on 75mm Pipe	3d	19-Dec-15	21-Dec-15
SWJ-CH-SD-1270	Review & Approval of Shop drawing for 50mm Air Release Valve Chamber on 75mm Pipe	21d	22-Dec-15	21-Jan-16
SWJ-CH-SD-1280	Prep. & Sub. Shop drawing for 75mm Air Release Valve Chamber on 150mm Pipe	3d	22-Dec-15	26-Dec-15
SWJ-CH-SD-1290	Review & Approval of Shop drawing for 75mm Air Release Valve Chamber on 150mm Pipe	21d	27-Dec-15	25-Jan-16
SWJ-CH-SD-1300	Prep. & Sub. Shop drawing for 75mm Air Release Valve Chamber on 200mm Pipe	3d	27-Dec-15	29-Dec-15
SWJ-CH-SD-1310	Review & Approval of Shop drawing for 75mm Air Release Valve Chamber on 200mm Pipe	21d	30-Dec-15	28-Jan-16
SWJ-CH-SD-1320	Prep. & Sub. Shop drawing for 100mm Air Release Valve Chamber on 250mm Pipe	3d	30-Dec-15	03-Jan-16
SWJ-CH-SD-1330	Review & Approval of Shop drawing for 100mm Air Release Valve Chamber on 250mm Pipe	21d	04-Jan-16	01-Feb-16
Material Submittals				
Civil Material Submittals				
SWJ-CMS-0990	Prep. & Sub. Backfilling Material Source	5d	26-Oct-15	31-Oct-15
SWJ-CMS-1000	Review & Approval of Backfilling Material Source	21d	01-Nov-15	30-Nov-15
SWJ-CMS-1010	Prep. & Sub. Base Course material Source	5d	28-Oct-15	02-Nov-15
SWJ-CMS-1020	Review & Approval of Base Course material Source	21d	03-Nov-15	02-Dec-15
SWJ-CMS-1030	Prep. & Sub. Reinforcement Steel Manufactures Data Sheets	5d	26-Oct-15	31-Oct-15
SWJ-CMS-1040	Review & Approval of Reinforcement Steel Manufactures Data Sheets	21d	01-Nov-15	30-Nov-15
SWJ-CMS-1050	Prep.&Submit Bituminous Cold Material	7d	03-Nov-15	10-Nov-15
SWJ-CMS-1060	Review & Approval of Bituminous Cold Material	21d	11-Nov-15	10-Dec-15
SWJ-CMS-1070	Prep.&Submit of Manhole Cover	7d	26-Oct-15	02-Nov-15
SWJ-CMS-1080	Review & Approval of Manhole Cover	21d	03-Nov-15	02-Dec-15
SWJ-CMS-1090	Prep.&Submit of Manhole rung	7d	26-Oct-15	02-Nov-15
SWJ-CMS-1100	Review & Approval of Manhole rung	21d	03-Nov-15	02-Dec-15
SWJ-CMS-1120	Prep. & Submit Water Stop	7d	29-Nov-15	06-Dec-15
SWJ-CMS-1140	Review & Approval of Water Stop	21d	07-Dec-15	06-Jan-16



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Activity ID	Activity Name	Original Duration	Start	Finish
SWJ-CMS-1150	Prep. & Sub. Concrete Mix Design	28d	26-Oct-15	28-Nov-15
SWJ-CMS-1160	Review & Approval of Concrete Mix Design	21d	29-Nov-15	28-Dec-15
SWJ-CMS-1170	Prep. & Sub. Bedding Material Source	5d	26-Oct-15	31-Oct-15
SWJ-CMS-1180	Review & Approval of Bedding Material Source	21d	01-Nov-15	30-Nov-15
SWJ-CMS-1200	Prep. & Sub. Identification Tape	5d	01-Nov-15	05-Nov-15
SWJ-CMS-1210	Review & Approval of Identification Tape	21d	08-Nov-15	07-Dec-15
SWJ-CMS-1240	Prep. & Sub. Material Testing lab	5d	01-Nov-15	05-Nov-15
SWJ-CMS-1250	Review & Approval of Material Testing lab	21d	08-Nov-15	07-Dec-15
SWJ-CMS-1260	Prep. & Sub. Water Quality Testing lab	5d	07-Nov-15	11-Nov-15
SWJ-CMS-1270	Review & Approval of Water Quality Testing lab	21d	12-Nov-15	13-Dec-15
SWJ-CMS-1280	Prep. & Sub. Welding Testing lab - Radiographic Third Party Testing Lab	5d	26-Oct-15	31-Oct-15
SWJ-CMS-1290	Review & Approval of Welding Testing lab - Radiographic Third Party Testing Lab	21d	01-Nov-15	30-Nov-15
SWJ-CMS-1300	Prep. & Sub. Proposed Welders for Welders Qualification Test – CVs	5d	26-Oct-15	31-Oct-15
SWJ-CMS-1310	Review & Approval of Proposed Welders for Welders Qualification Test – CVs	21d	01-Nov-15	30-Nov-15
SWJ-CMS-1320	Prep. & Sub. Non-Shrink Cementations Grout for Tie Rods (Conbextra HF)	5d	26-Oct-15	31-Oct-15
SWJ-CMS-1330	Review & Approval of Non-Shrink Cementations Grout for Tie Rods (Conbextra HF)	21d	01-Nov-15	30-Nov-15
SWJ-CMS-1340	Prep. & Sub. External Top Coating (Dekguard FC)& External Primer Coating (Nitocote SN522)	5d	26-Oct-15	31-Oct-15
SWJ-CMS-1350	Review & Approval of External Top Coating (Dekguard FC)& External Primer Coating (Nitocote SN522)	21d	01-Nov-15	30-Nov-15
SWJ-CMS-1360	Prep. & Sub. Internal Epoxy Coating (Nitocote EP405)	5d	26-Oct-15	31-Oct-15
SWJ-CMS-1370	Review & Approval of Internal Epoxy Coating (Nitocote EP405)	21d	01-Nov-15	30-Nov-15
SWJ-CMS-1380	Prep. & Sub. Cementation Repair Mortar (Renderoc FC)	5d	26-Oct-15	31-Oct-15
SWJ-CMS-1390	Review & Approval of Cementation Repair Mortar (Renderoc FC)	21d	01-Nov-15	30-Nov-15
SWJ-CMS-1400	Prep. & Sub. Concrete Ready Mix Company	5d	26-Oct-15	31-Oct-15
SWJ-CMS-1410	Review & Approval of Concrete Ready Mix Company	21d	01-Nov-15	30-Nov-15
SWJ-CMS-1420	Prep. & Sub. Asphalt Materials Source	5d	26-Oct-15	31-Oct-15
SWJ-CMS-1430	Review & Approval of Asphalt Materials Source	21d	01-Nov-15	30-Nov-15
SWJ-CMS-1440	Prep. & Sub. Prime Coat & Tack Coat	5d	26-Oct-15	31-Oct-15
SWJ-CMS-1450	Review & Approval of Prime Coat & Tack Coat	21d	01-Nov-15	30-Nov-15
SWJ-CMS-1460	Prep. & Sub. Formwork Ties (Sample)	5d	26-Oct-15	31-Oct-15
SWJ-CMS-1470	Review & Approval of Formwork Ties (Sample)	21d	01-Nov-15	30-Nov-15
SWJ-CMS-1480	Prep. & Sub. Formwork Release Agent	5d	26-Oct-15	31-Oct-15
SWJ-CMS-1490	Review & Approval of Formwork Release Agent	21d	01-Nov-15	30-Nov-15
SWJ-CMS-1500	Prep. & Sub. Formwork Plywood (Sample)	5d	26-Oct-15	31-Oct-15
SWJ-CMS-1510	Review & Approval of Formwork Plywood (Sample)	21d	01-Nov-15	30-Nov-15
SWJ-CMS-1540	Prep. & Sub. Asphalt Mix Design	5d	26-Oct-15	31-Oct-15
SWJ-CMS-1550	Review & Approval of Asphalt Mix Design	21d	01-Nov-15	30-Nov-15
SWJ-CMS-1560	Prep. & Sub. Steel Fence & Post	5d	26-Oct-15	31-Oct-15
SWJ-CMS-1570	Review & Approval of Steel Fence & Post	21d	01-Nov-15	30-Nov-15
SWJ-CMS-1580	Prep. & Sub. Access Man way Fabrication Detail	5d	26-Oct-15	31-Oct-15
SWJ-CMS-1590	Review & Approval of Access Man way Fabrication Detail	21d	01-Nov-15	30-Nov-15
SWJ-CMS-1600	Prep. & Sub. Handrail	5d	26-Oct-15	31-Oct-15
SWJ-CMS-1610	Review & Approval of Handrail	21d	01-Nov-15	30-Nov-15
SWJ-CMS-1620	Prep. & Sub. Access Hatches	5d	26-Oct-15	31-Oct-15
SWJ-CMS-1630	Review & Approval of Access Hatches	21d	01-Nov-15	30-Nov-15
SWJ-CMS-1640	Prep. & Sub. Curbstone	5d	26-Oct-15	31-Oct-15

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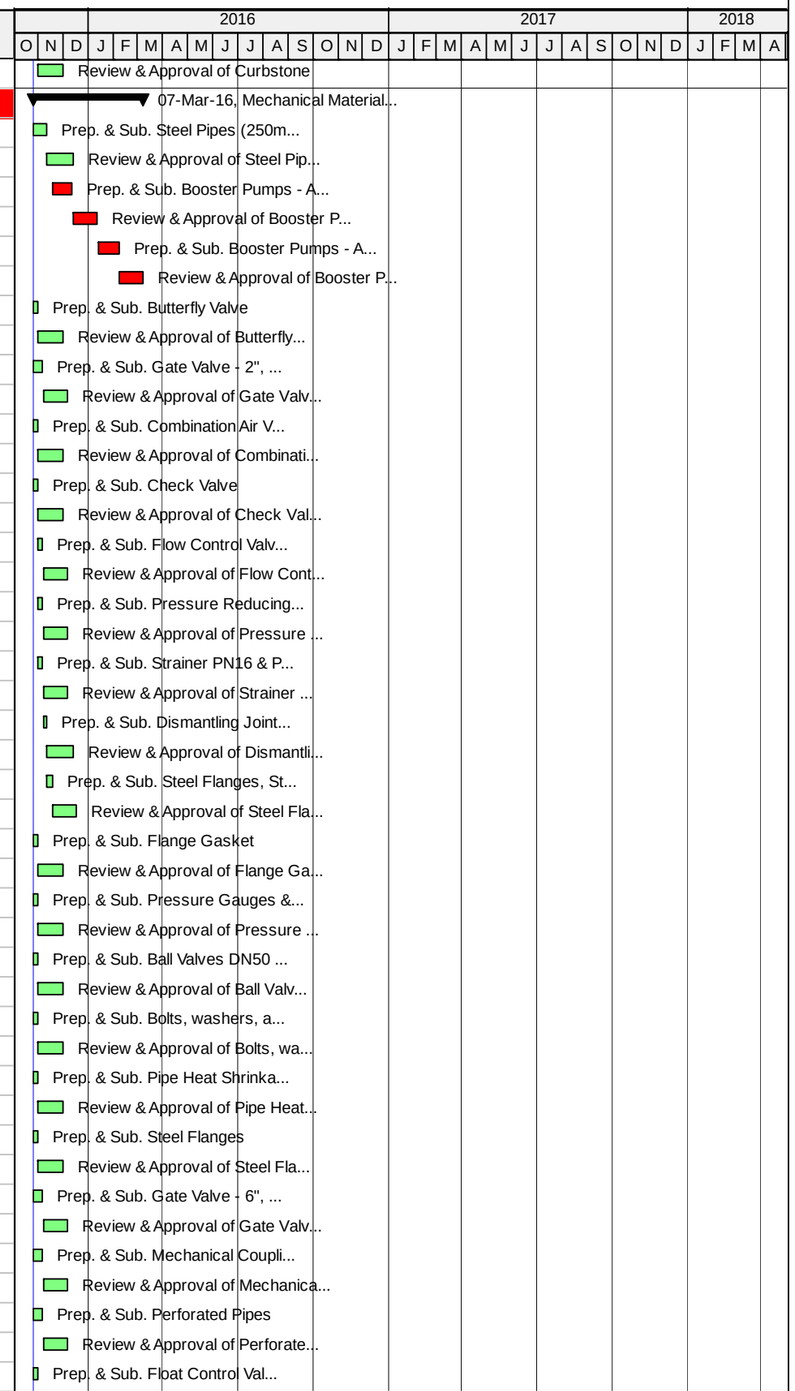
Activity ID	Activity Name	Original Duration	Start	Finish
SWJ-CMS-1650	Review & Approval of Curbstone	21d	01-Nov-15	30-Nov-15
Mechanical Material Submittals				
SWJ-MMS-1000	Prep. & Sub. Steel Pipes (250mm, 200mm, 150mm,100mm, 75mm, 50mm etc.)	15d	26-Oct-15	11-Nov-15
SWJ-MMS-1010	Review & Approval of Steel Pipes (250mm, 200mm, 150mm,100mm, 75mm, 50mm etc.)	21d	12-Nov-15	13-Dec-15
SWJ-MMS-1020	Prep. & Sub. Booster Pumps - AL MUTILLA BOOSTER	20d	19-Nov-15	12-Dec-15
SWJ-MMS-1030	Review & Approval of Booster Pumps - AL MUTILLA BOOSTER	21d	13-Dec-15	12-Jan-16
SWJ-MMS-1035	Prep. & Sub. Booster Pumps - AL MUTILLA BOOSTER - Second Submission	20d	13-Jan-16	07-Feb-16
SWJ-MMS-1036	Review & Approval of Booster Pumps - AL MUTILLA BOOSTER - Second Submission	21d	08-Feb-16	07-Mar-16
SWJ-MMS-1040	Prep. & Sub. Butterfly Valve	5d	26-Oct-15	31-Oct-15
SWJ-MMS-1050	Review & Approval of Butterfly Valve	21d	01-Nov-15	30-Nov-15
SWJ-MMS-1060	Prep. & Sub. Gate Valve - 2", 3" & 4"	10d	26-Oct-15	05-Nov-15
SWJ-MMS-1070	Review & Approval of Gate Valve - 2", 3" & 4"	21d	08-Nov-15	07-Dec-15
SWJ-MMS-1080	Prep. & Sub. Combination Air Valve	5d	26-Oct-15	31-Oct-15
SWJ-MMS-1090	Review & Approval of Combination Air Valve	21d	01-Nov-15	30-Nov-15
SWJ-MMS-1100	Prep. & Sub. Check Valve	5d	26-Oct-15	31-Oct-15
SWJ-MMS-1110	Review & Approval of Check Valve	21d	01-Nov-15	30-Nov-15
SWJ-MMS-1120	Prep. & Sub. Flow Control Valve	5d	01-Nov-15	05-Nov-15
SWJ-MMS-1130	Review & Approval of Flow Control Valve	21d	08-Nov-15	07-Dec-15
SWJ-MMS-1140	Prep. & Sub. Pressure Reducing Valve	5d	01-Nov-15	05-Nov-15
SWJ-MMS-1150	Review & Approval of Pressure Reducing Valve	21d	08-Nov-15	07-Dec-15
SWJ-MMS-1160	Prep. & Sub. Strainer PN16 & PN25	5d	01-Nov-15	05-Nov-15
SWJ-MMS-1170	Review & Approval of Strainer PN16 & PN25	21d	08-Nov-15	07-Dec-15
SWJ-MMS-1180	Prep. & Sub. Dismantling Joint PN16 & 25	5d	07-Nov-15	11-Nov-15
SWJ-MMS-1190	Review & Approval of Dismantling Joint PN16 & 25	21d	12-Nov-15	13-Dec-15
SWJ-MMS-1200	Prep. & Sub. Steel Flanges, Steel Fittings (elbows, reducers, tees, etc.)	5d	12-Nov-15	18-Nov-15
SWJ-MMS-1210	Review & Approval of Steel Flanges, Steel Fittings (elbows, reducers, tees, etc.)	21d	19-Nov-15	17-Dec-15
SWJ-MMS-1220	Prep. & Sub. Flange Gasket	5d	26-Oct-15	31-Oct-15
SWJ-MMS-1230	Review & Approval of Flange Gasket	21d	01-Nov-15	30-Nov-15
SWJ-MMS-1240	Prep. & Sub. Pressure Gauges & Snubbers	5d	26-Oct-15	31-Oct-15
SWJ-MMS-1250	Review & Approval of Pressure Gauges & Snubbers	21d	01-Nov-15	30-Nov-15
SWJ-MMS-1260	Prep. & Sub. Ball Valves DN50 & Smaller	5d	26-Oct-15	31-Oct-15
SWJ-MMS-1270	Review & Approval of Ball Valves DN50 & Smaller	21d	01-Nov-15	30-Nov-15
SWJ-MMS-1280	Prep. & Sub. Bolts, washers, and nuts	5d	26-Oct-15	31-Oct-15
SWJ-MMS-1290	Review & Approval of Bolts, washers, and nuts	21d	01-Nov-15	30-Nov-15
SWJ-MMS-1300	Prep. & Sub. Pipe Heat Shrinkable Sleeve & Tape	5d	26-Oct-15	31-Oct-15
SWJ-MMS-1310	Review & Approval of Pipe Heat Shrinkable Sleeve & Tape	21d	01-Nov-15	30-Nov-15
SWJ-MMS-1320	Prep. & Sub. Steel Flanges	5d	26-Oct-15	31-Oct-15
SWJ-MMS-1330	Review & Approval of Steel Flanges	21d	01-Nov-15	30-Nov-15
SWJ-MMS-1340	Prep. & Sub. Gate Valve - 6", 8" & 10"- PN16-40	10d	26-Oct-15	05-Nov-15
SWJ-MMS-1350	Review & Approval of Gate Valve - 6", 8" & 10"- PN16-40	21d	08-Nov-15	07-Dec-15
SWJ-MMS-1360	Prep. & Sub. Mechanical Coupling	10d	26-Oct-15	05-Nov-15
SWJ-MMS-1370	Review & Approval of Mechanical Coupling	21d	08-Nov-15	07-Dec-15
SWJ-MMS-1380	Prep. & Sub. Perforated Pipes	10d	26-Oct-15	05-Nov-15
SWJ-MMS-1390	Review & Approval of Perforated Pipes	21d	08-Nov-15	07-Dec-15
SWJ-MMS-1400	Prep. & Sub. Float Control Valve	5d	26-Oct-15	31-Oct-15



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

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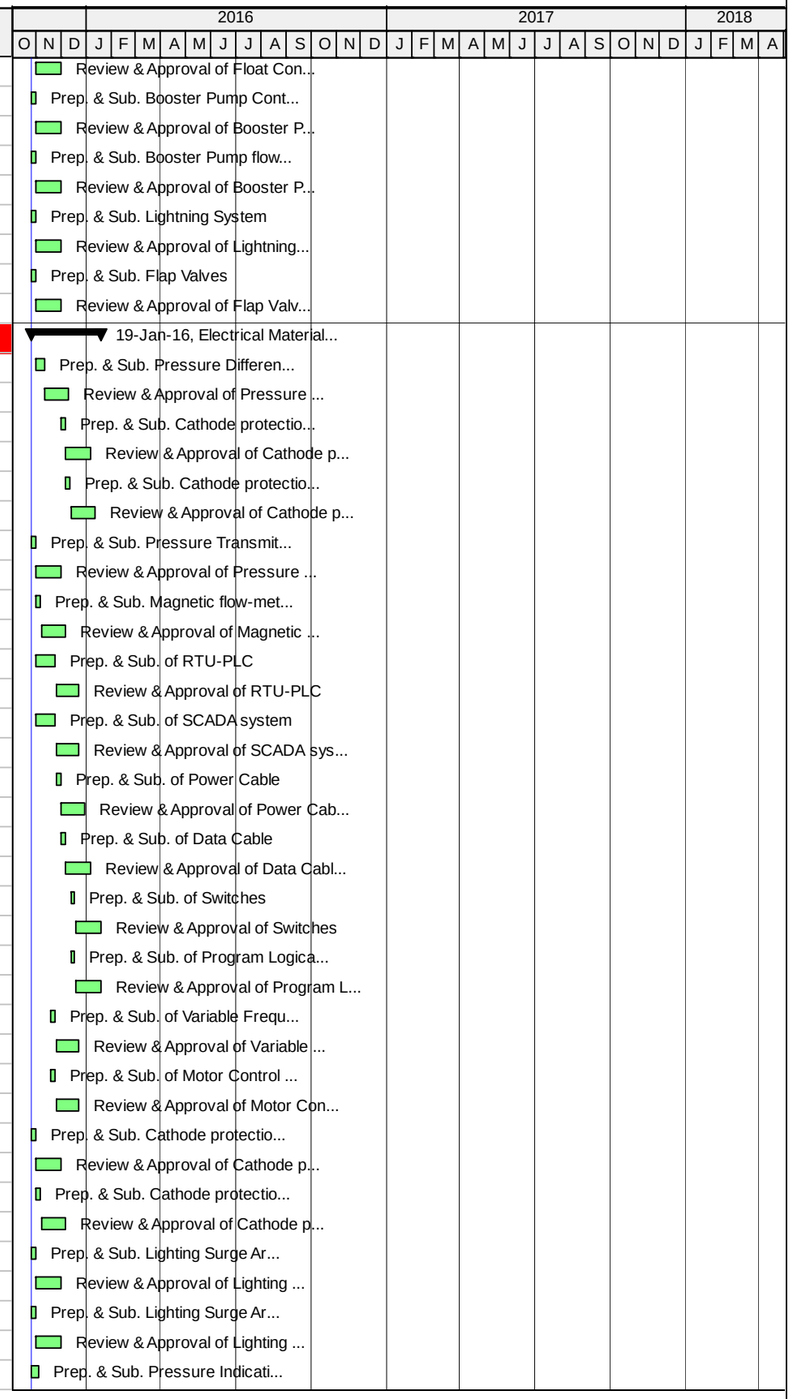
Activity ID	Activity Name	Original Duration	Start	Finish
SWJ-MMS-1410	Review & Approval of Float Control Valve	21d	01-Nov-15	30-Nov-15
SWJ-MMS-1420	Prep. & Sub. Booster Pump Control Valves	5d	26-Oct-15	31-Oct-15
SWJ-MMS-1430	Review & Approval of Booster Pump Control Valves	21d	01-Nov-15	30-Nov-15
SWJ-MMS-1440	Prep. & Sub. Booster Pump flow meter	5d	26-Oct-15	31-Oct-15
SWJ-MMS-1450	Review & Approval of Booster Pump flow meter	21d	01-Nov-15	30-Nov-15
SWJ-MMS-1520	Prep. & Sub. Lightning System	5d	26-Oct-15	31-Oct-15
SWJ-MMS-1530	Review & Approval of Lightning System	21d	01-Nov-15	30-Nov-15
SWJ-MMS-1600	Prep. & Sub. Flap Valves	5d	26-Oct-15	31-Oct-15
SWJ-MMS-1610	Review & Approval of Flap Valves	21d	01-Nov-15	30-Nov-15
Electrical Material Submittals				
SWJ-EMS-100	Prep. & Sub. Pressure Differential switches	9d	01-Nov-15	10-Nov-15
SWJ-EMS-110	Review & Approval of Pressure differential switches	21d	11-Nov-15	10-Dec-15
SWJ-EMS-140	Prep. & Sub. Cathode protection:High Potential Magnesium Anodes	5d	01-Dec-15	06-Dec-15
SWJ-EMS-150	Review & Approval of Cathode protection: High Potential Magnesium Anodes	21d	07-Dec-15	06-Jan-16
SWJ-EMS-160	Prep. & Sub. Cathode protection: Accessories, flanges insulating kit	5d	07-Dec-15	12-Dec-15
SWJ-EMS-170	Review & Approval of Cathode protection: Accessories, flanges insulating kit	21d	13-Dec-15	12-Jan-16
SWJ-EMS-180	Prep. & Sub. Pressure Transmitters	5d	26-Oct-15	31-Oct-15
SWJ-EMS-190	Review & Approval of Pressure Transmitters	21d	01-Nov-15	30-Nov-15
SWJ-EMS-200	Prep. & Sub. Magnetic flow-meters	5d	01-Nov-15	05-Nov-15
SWJ-EMS-210	Review & Approval of Magnetic flow-meters	21d	08-Nov-15	07-Dec-15
SWJ-EMS-220	Prep. & Sub. of RTU-PLC	20d	01-Nov-15	24-Nov-15
SWJ-EMS-230	Review & Approval of RTU-PLC	21d	25-Nov-15	23-Dec-15
SWJ-EMS-240	Prep. & Sub. of SCADA system	20d	01-Nov-15	24-Nov-15
SWJ-EMS-250	Review & Approval of SCADA system	21d	25-Nov-15	23-Dec-15
SWJ-EMS-260	Prep. & Sub. of Power Cable	5d	25-Nov-15	30-Nov-15
SWJ-EMS-270	Review & Approval of Power Cable	21d	01-Dec-15	30-Dec-15
SWJ-EMS-280	Prep. & Sub. of Data Cable	5d	01-Dec-15	06-Dec-15
SWJ-EMS-290	Review & Approval of Data Cable	21d	07-Dec-15	06-Jan-16
SWJ-EMS-320	Prep. & Sub. of Switches	5d	13-Dec-15	17-Dec-15
SWJ-EMS-330	Review & Approval of Switches	21d	20-Dec-15	19-Jan-16
SWJ-EMS-340	Prep. & Sub. of Program Logical Controller (PLC) Panel For Booster Station.	5d	13-Dec-15	17-Dec-15
SWJ-EMS-350	Review & Approval of Program Logical Controller (PLC) Panel For Booster Station.	21d	20-Dec-15	19-Jan-16
SWJ-EMS-360	Prep. & Sub. of Variable Frequency Drives (VFD)	5d	19-Nov-15	24-Nov-15
SWJ-EMS-370	Review & Approval of Variable Frequency Drives (VFD)	21d	25-Nov-15	23-Dec-15
SWJ-EMS-420	Prep. & Sub. of Motor Control Centers (MCC)	5d	19-Nov-15	24-Nov-15
SWJ-EMS-430	Review & Approval of Motor Control Centers (MCC)	21d	25-Nov-15	23-Dec-15
SWJ-EMS-440	Prep. & Sub. Cathode protection: Test Stations	5d	26-Oct-15	31-Oct-15
SWJ-EMS-450	Review & Approval of Cathode protection: Test Stations	21d	01-Nov-15	30-Nov-15
SWJ-EMS-460	Prep. & Sub. Cathode protection: Accessories: Link Seal	5d	01-Nov-15	05-Nov-15
SWJ-EMS-470	Review & Approval of Cathode protection: Accessories: Link Seal	21d	08-Nov-15	07-Dec-15
SWJ-EMS-480	Prep. & Sub. Lighting Surge Arrestor	5d	26-Oct-15	31-Oct-15
SWJ-EMS-490	Review & Approval of Lighting Surge Arrestor	21d	01-Nov-15	30-Nov-15
SWJ-EMS-500	Prep. & Sub. Lighting Surge Arrestor Cabinet	5d	26-Oct-15	31-Oct-15
SWJ-EMS-510	Review & Approval of Lighting Surge Arrestor Cabinet	21d	01-Nov-15	30-Nov-15
SWJ-EMS-520	Prep. & Sub. Pressure Indicating Transmitter	9d	26-Oct-15	04-Nov-15



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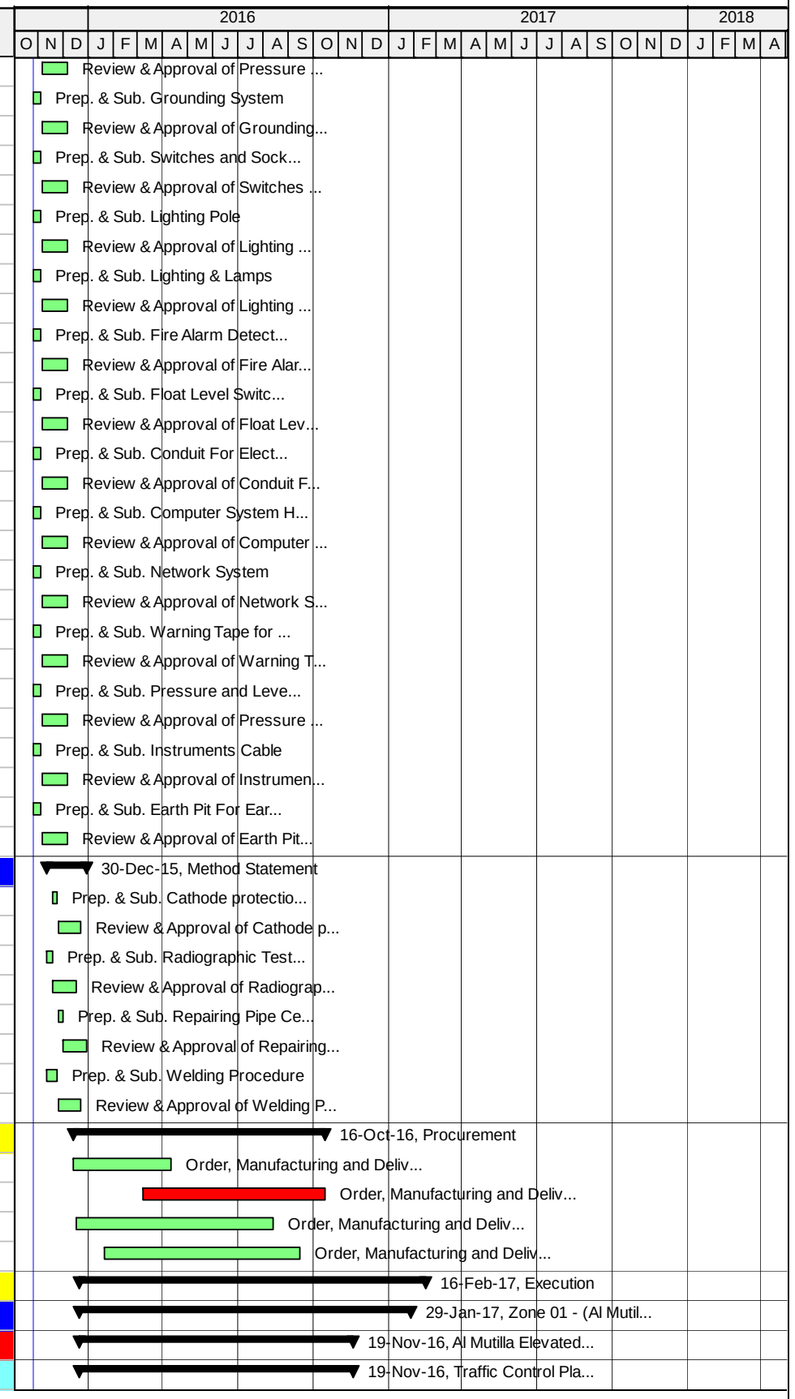
Activity ID	Activity Name	Original Duration	Start	Finish
SWJ-EMS-530	Review & Approval of Pressure Indicating Transmitter	21d	05-Nov-15	06-Dec-15
SWJ-EMS-540	Prep. & Sub. Grounding System	9d	26-Oct-15	04-Nov-15
SWJ-EMS-550	Review & Approval of Grounding System	21d	05-Nov-15	06-Dec-15
SWJ-EMS-560	Prep. & Sub. Switches and Sockets	9d	26-Oct-15	04-Nov-15
SWJ-EMS-570	Review & Approval of Switches and Sockets	21d	05-Nov-15	06-Dec-15
SWJ-EMS-580	Prep. & Sub. Lighting Pole	9d	26-Oct-15	04-Nov-15
SWJ-EMS-590	Review & Approval of Lighting Pole	21d	05-Nov-15	06-Dec-15
SWJ-EMS-600	Prep. & Sub. Lighting & Lamps	9d	26-Oct-15	04-Nov-15
SWJ-EMS-610	Review & Approval of Lighting & Lamps	21d	05-Nov-15	06-Dec-15
SWJ-EMS-620	Prep. & Sub. Fire Alarm Detection	9d	26-Oct-15	04-Nov-15
SWJ-EMS-630	Review & Approval of Fire Alarm Detection	21d	05-Nov-15	06-Dec-15
SWJ-EMS-640	Prep. & Sub. Float Level Switch	9d	26-Oct-15	04-Nov-15
SWJ-EMS-650	Review & Approval of Float Level Switch	21d	05-Nov-15	06-Dec-15
SWJ-EMS-660	Prep. & Sub. Conduit For Electrical Work	9d	26-Oct-15	04-Nov-15
SWJ-EMS-670	Review & Approval of Conduit For Electrical Work	21d	05-Nov-15	06-Dec-15
SWJ-EMS-680	Prep. & Sub. Computer System Hardware	9d	26-Oct-15	04-Nov-15
SWJ-EMS-690	Review & Approval of Computer System Hardware	21d	05-Nov-15	06-Dec-15
SWJ-EMS-700	Prep. & Sub. Network System	9d	26-Oct-15	04-Nov-15
SWJ-EMS-710	Review & Approval of Network System	21d	05-Nov-15	06-Dec-15
SWJ-EMS-720	Prep. & Sub. Warning Tape for Electrical Work	9d	26-Oct-15	04-Nov-15
SWJ-EMS-730	Review & Approval of Warning Tape for Electrical Work	21d	05-Nov-15	06-Dec-15
SWJ-EMS-740	Prep. & Sub. Pressure and Level Instrument	9d	26-Oct-15	04-Nov-15
SWJ-EMS-750	Review & Approval of Pressure and Level Instrument	21d	05-Nov-15	06-Dec-15
SWJ-EMS-760	Prep. & Sub. Instruments Cable	9d	26-Oct-15	04-Nov-15
SWJ-EMS-770	Review & Approval of Instruments Cable	21d	05-Nov-15	06-Dec-15
SWJ-EMS-780	Prep. & Sub. Earth Pit For Earthing Electrode - With Sample.	9d	26-Oct-15	04-Nov-15
SWJ-EMS-790	Review & Approval of Earth Pit For Earthing Electrode - With Sample.	21d	05-Nov-15	06-Dec-15
Method Statement				
SWJ-MSS-1000	Prep. & Sub. Cathode protection Installation Method Statement	5d	19-Nov-15	24-Nov-15
SWJ-MSS-1010	Review & Approval of Cathode protection Installation Method Statement	21d	25-Nov-15	23-Dec-15
SWJ-MSS-1020	Prep. & Sub. Radiographic Testing method statement and safety plan	5d	12-Nov-15	18-Nov-15
SWJ-MSS-1030	Review & Approval of Radiographic Testing method statement and safety plan	21d	19-Nov-15	17-Dec-15
SWJ-MSS-1040	Prep. & Sub. Repairing Pipe Cement Mortar Lining method Statement	5d	25-Nov-15	30-Nov-15
SWJ-MSS-1050	Review & Approval of Repairing Pipe Cement Mortar Lining method Statement	21d	01-Dec-15	30-Dec-15
SWJ-MSS-1060	Prep. & Sub. Welding Procedure	10d	12-Nov-15	24-Nov-15
SWJ-MSS-1070	Review & Approval of Welding Procedure	21d	25-Nov-15	23-Dec-15
Procurement				
A1440	Order, Manufacturing and Delivery of Steel Pipes (250mm, 200mm, 150mm, etc.)	120d	14-Dec-15	11-Apr-16
A1450	Order, Manufacturing and Delivery of Booster Pump	223d	08-Mar-16	16-Oct-16
A1460	Order, Manufacturing and Delivery of Mechanical Valves and fittings	240d	18-Dec-15	13-Aug-16
A1470	Order, Manufacturing and Delivery of Electrical components and SCADA System	240d	20-Jan-16	15-Sep-16
Execution				
Zone 01 - (Al Mutilla and Jalqamus)				
Al Mutilla Elevated Reservoir – New Construction 500 m3				
Traffic Control Plan and Safety				



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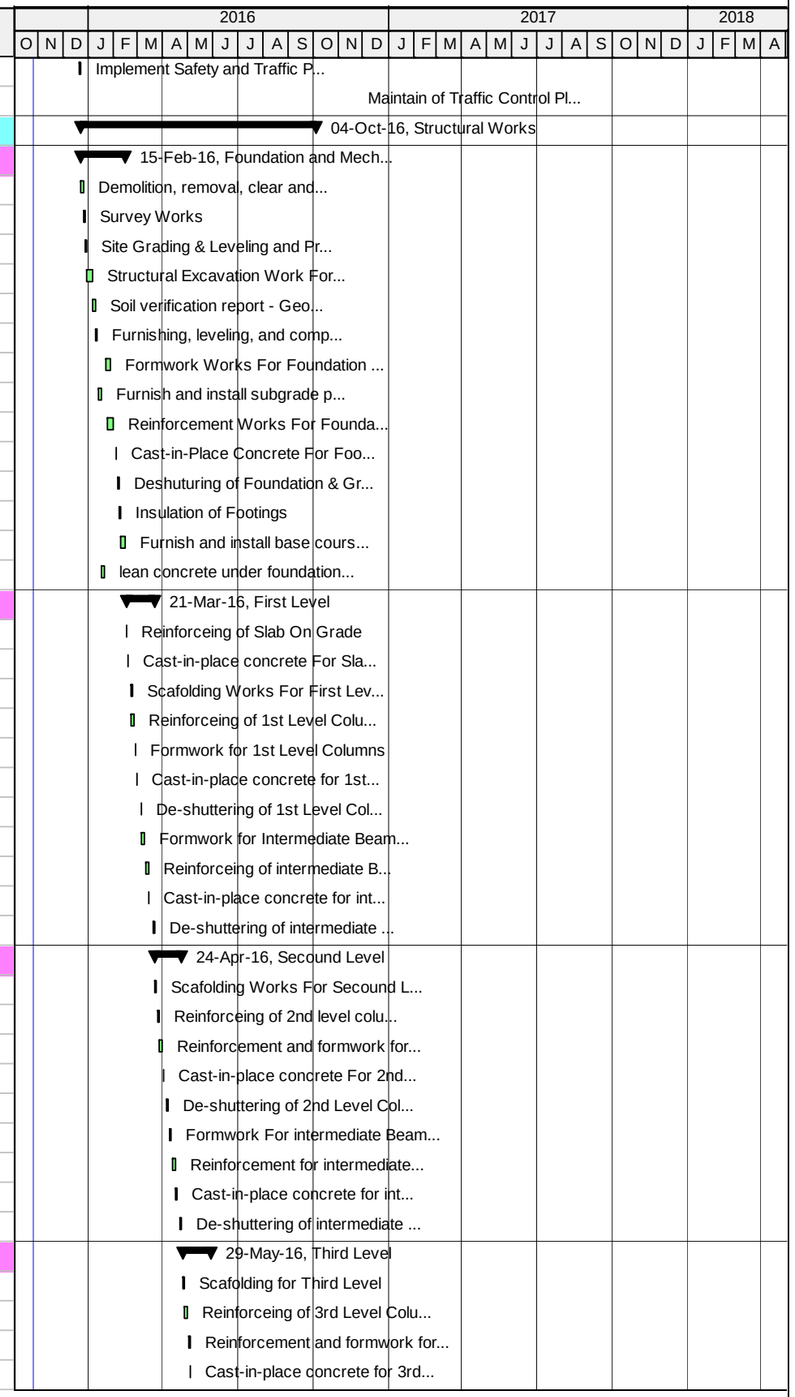
Activity ID	Activity Name	Original Duration	Start	Finish
E-MTR-1030	Implement Safety and Traffic Plan	2d	21-Dec-15	22-Dec-15
E-MTR-1050	Maintain of Traffic Control Plan and Safety measures for Faqqua Elevated Reservoir	259d	23-Dec-15	19-Nov-16
Structural Works				
Foundation and Mechanical Room				
E-MTR-1040	Demolition, removal, clear and grub site	2d	23-Dec-15	26-Dec-15
E-MTR-1060	Survey Works	1d	27-Dec-15	27-Dec-15
E-MTR-1070	Site Grading & Leveling and Preparation	2d	28-Dec-15	29-Dec-15
E-MTR-1080	Structural Excavation Work For Foundations & Grade Beams	5d	30-Dec-15	05-Jan-16
E-MTR-1085	Soil verification report - Geotechnical report	3d	06-Jan-16	09-Jan-16
E-MTR-1090	Furnishing, leveling, and compacting of subgrade layer under footing	3d	10-Jan-16	12-Jan-16
E-MTR-1100	Formwork Works For Foundation & Grade Beams	5d	23-Jan-16	27-Jan-16
E-MTR-1110	Furnish and install subgrade piping	3d	13-Jan-16	16-Jan-16
E-MTR-1120	Reinforcement Works For Foundation & Ground Beams	6d	25-Jan-16	31-Jan-16
E-MTR-1130	Cast-in-Place Concrete For Footings	1d	04-Feb-16	04-Feb-16
E-MTR-1150	Deshuturing of Foundation & Grade Beams	2d	06-Feb-16	07-Feb-16
E-MTR-1160	Insulation of Footings	2d	08-Feb-16	09-Feb-16
E-MTR-1170	Furnish and install base course (200mm in depth) under Slab On Grade	5d	10-Feb-16	15-Feb-16
E-MTR-1970	lean concrete under foundation for reservoir	3d	17-Jan-16	21-Jan-16
First Level				
E-MTR-1180	Reinforceing of Slab On Grade	2d	16-Feb-16	17-Feb-16
E-MTR-1190	Cast-in-place concrete For Slab On Grade	1d	18-Feb-16	18-Feb-16
E-MTR-1200	Scafolding Works For First Level	3d	22-Feb-16	24-Feb-16
E-MTR-1210	Reinforceing of 1st Level Columns	4d	22-Feb-16	25-Feb-16
E-MTR-1250	Formwork for 1st Level Columns	2d	27-Feb-16	28-Feb-16
E-MTR-1270	Cast-in-place concrete for 1st Level Columns	1d	29-Feb-16	29-Feb-16
E-MTR-1290	De-shuttering of 1st Level Columns	1d	05-Mar-16	05-Mar-16
E-MTR-1310	Formwork for Intermediate Beams & Stairs 1st Level	5d	06-Mar-16	10-Mar-16
E-MTR-1330	Reinforceing of intermediate Beams & Stairs 1st Level	3d	12-Mar-16	14-Mar-16
E-MTR-1360	Cast-in-place concrete for intermediate Beams & Stairs 1st Level	1d	15-Mar-16	15-Mar-16
E-MTR-1400	De-shuttering of intermediate Beams & Stairs 1st Level	2d	20-Mar-16	21-Mar-16
Secound Level				
E-MTR-1410	Scafolding Works For Secound Level	3d	22-Mar-16	24-Mar-16
E-MTR-1420	Reinforceing of 2nd level columns	2d	26-Mar-16	27-Mar-16
E-MTR-1430	Reinforcement and formwork for 2nd Level Columns and Valve Room walls	4d	28-Mar-16	31-Mar-16
E-MTR-1440	Cast-in-place concrete For 2nd Level Columns and Valve Room walls	1d	02-Apr-16	02-Apr-16
E-MTR-1460	De-shuttering of 2nd Level Columns	2d	06-Apr-16	07-Apr-16
E-MTR-1470	Formwork For intermediate Beams & Stairs 2nd Level and Valve room slab	3d	09-Apr-16	11-Apr-16
E-MTR-1490	Reinforcement for intermediate Beams & Stairs 2nd Level and Valve room slab	4d	12-Apr-16	16-Apr-16
E-MTR-1500	Cast-in-place concrete for intermediate beams Beams & Stairs 2nd Level and Valve room slab	1d	17-Apr-16	17-Apr-16
E-MTR-1510	De-shuttering of intermediate Beams & Stairs 2nd Level	3d	21-Apr-16	24-Apr-16
Third Level				
E-MTR-1520	Scafolding for Third Level	3d	25-Apr-16	27-Apr-16
E-MTR-1530	Reinforceing of 3rd Level Columns	2d	28-Apr-16	30-Apr-16
E-MTR-1540	Reinforcement and formwork for 3rd Level Columns	2d	03-May-16	04-May-16
E-MTR-1550	Cast-in-place concrete for 3rd Level Columns	1d	05-May-16	05-May-16



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Activity ID	Activity Name	Original Duration	Start	Finish
E-MTR-1560	De-shuttering of 3rd Level Columns	2d	10-May-16	11-May-16
E-MTR-1570	Formwork For intermediate Beams & Stairs 3rd Level	3d	12-May-16	15-May-16
E-MTR-1580	Reinforceing of intermediate Beams & Stairs 3rd Level	3d	16-May-16	18-May-16
E-MTR-1590	Cast-in-place concrete for intermediate Beams & Stairs 3rd Level	1d	23-May-16	23-May-16
E-MTR-1600	De-shuttering For intermediate Beams & Stairs 3rd Level	2d	28-May-16	29-May-16
Fourth Level				
E-MTR-1610	Scafolding for Fourth Level	3d	30-May-16	01-Jun-16
E-MTR-1620	Reinforceing of 4th Level Columns	2d	02-Jun-16	04-Jun-16
E-MTR-1630	Formwork for 4th Level Columns	2d	05-Jun-16	08-Jun-16
E-MTR-1640	Cast-in-place concrete for 4th Level Columns	1d	08-Jun-16	09-Jun-16
E-MTR-1650	De-shuttering of 4th Level Columns	2d	15-Jun-16	19-Jun-16
Reservoir Bottom Slab				
E-MTR-1660	Formwork For Bottom Beams, bottom Slab &Stairs of Reservoir	8d	19-Jun-16	04-Jul-16
E-MTR-1670	Reinforceing of Bottom Beams, bottom Slab &Stairs of R.voir	4d	04-Jul-16	12-Jul-16
E-MTR-1680	Installation of Water Stop	1d	12-Jul-16	13-Jul-16
E-MTR-1690	installation of Pipes for W.O & Over Flow , inlet, outlet	1d	12-Jul-16	13-Jul-16
E-MTR-1700	Cast-in-place concrete for Bottom Beams, Bottom Slab & Stairs of R.voir	1d	13-Jul-16	14-Jul-16
E-MTR-1770	De-shuttering of Bottom Beams & Slab&Stair of R.oir	3d	31-Jul-16	03-Aug-16
Reservoir Walls & Columns				
E-MTR-1720	Formwork for Lateral Walls of reservoir - Exterior	11d	14-Jul-16	27-Jul-16
E-MTR-1730	Formwork for Lateral Walls & Central Column - Interior	5d	20-Jul-16	26-Jul-16
E-MTR-1740	Reinfoceing of Lateral Walls & Central Column	8d	17-Jul-16	26-Jul-16
E-MTR-1750	Cast-in-place concrete for Lateral Walls & Central Column	1d	26-Jul-16	27-Jul-16
E-MTR-1780	De-shuttering of Lateral Walls & Central Columns	5d	04-Aug-16	10-Aug-16
Reservoir Roof Slab				
E-MTR-1800	Formwork for Roof Beams, roof Slab & Stairs	8d	18-Aug-16	28-Aug-16
E-MTR-1810	Reinforcement of Roof Beams, roof Slab & Stair	6d	28-Aug-16	04-Sep-16
E-MTR-1820	Ventilation Pipes & W.L. Indicators	3d	04-Sep-16	07-Sep-16
E-MTR-1830	Cast-in-place concrete for Roof Beams,Slab & Stair	1d	07-Sep-16	08-Sep-16
E-MTR-1860	De-shuttering of Roof Beams,Slab & Stair	4d	29-Sep-16	04-Oct-16
Finishing Works				
E-MTR-1840	External Finishing of lateral walls of reservoir and Filling of Pin Holles	8d	08-Sep-16	22-Sep-16
E-MTR-1850	Acrillic Coats (External Walls) & Base	6d	22-Sep-16	29-Sep-16
E-MTR-1870	Fixing Protection Handrails (Roof,Stairs,R.voi)	4d	29-Sep-16	04-Oct-16
E-MTR-1890	Internal Finishing of reservoir	7d	04-Oct-16	12-Oct-16
E-MTR-1900	Furnish and install security gate and fence at reservoir base	3d	04-Oct-16	08-Oct-16
E-MTR-1910	Water Level Indicator, Internal ladder and Hatch cover	2d	12-Oct-16	15-Oct-16
E-MTR-1920	Apply Epoxy Coats (Internal Walls) & Base	8d	15-Oct-16	24-Oct-16
External Works				
Retaining Walls				
Retaining Wall from Station 01 to station 03 (South)				
E-MTR-5000	Excavation for Foundation & Subgrade layer Compaction	2d	06-Jan-16	07-Jan-16
E-MTR-5010	Form/Steel Rebars for Foundation	4d	09-Jan-16	12-Jan-16
E-MTR-5040	Cast Concrete	1d	13-Jan-16	13-Jan-16
E-MTR-5060	Concrete Curing & Isolation	7d	14-Jan-16	24-Jan-16

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E-MTR-5070	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	10d	14-Jan-16	27-Jan-16
E-MTR-5160	Cast Reinforced Concrete for the Retaining Wall	1d	28-Jan-16	28-Jan-16
E-MTR-5180	Deshuttering & Curing	7d	30-Jan-16	06-Feb-16
E-MTR-5210	Furnish and install filter fabric and Base Course 150mm	2d	07-Feb-16	08-Feb-16
Retaining Wall from Station 03 to station 05 (North)				
E-MTR-5020	Excavation for Foundation & Subgrade layer Compaction	2d	09-Jan-16	10-Jan-16
E-MTR-5050	Form/Steel Rebars for Foundation	4d	13-Jan-16	17-Jan-16
E-MTR-5080	Cast Concrete	1d	18-Jan-16	18-Jan-16
E-MTR-5100	Concrete Curing & Isolation	7d	21-Jan-16	28-Jan-16
E-MTR-5110	Form/Steel Rebars for the Retaining Walls with Drain System - Fence Steel Props Installation	5d	21-Jan-16	26-Jan-16
E-MTR-5150	Cast Reinforced Concrete for the Retaining Wall	1d	27-Jan-16	27-Jan-16
E-MTR-5170	Deshuttering & Curing For Walls	7d	30-Jan-16	06-Feb-16
E-MTR-5220	Furnish and install filter fabric and Base Course 150mm	2d	09-Feb-16	10-Feb-16
Retaining Wall from Station 06 to station 01 (West)				
E-MTR-5030	Excavation for Foundation & Subgrade layer Compaction	2d	11-Jan-16	12-Jan-16
E-MTR-5090	Form/Steel Rebars for Foundation	4d	18-Jan-16	24-Jan-16
E-MTR-5120	Cast Concrete	1d	25-Jan-16	25-Jan-16
E-MTR-5130	Concrete Curing & Isolation	7d	26-Jan-16	02-Feb-16
E-MTR-5140	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	5d	26-Jan-16	31-Jan-16
E-MTR-5190	Cast Reinforced Concrete for the Retaining Wall	1d	01-Feb-16	01-Feb-16
E-MTR-5200	Deshuttering & Curing For Wall	7d	03-Feb-16	10-Feb-16
E-MTR-5230	Furnish and install filter fabric and Base Course 150mm	2d	11-Feb-16	13-Feb-16
Boundary Wall				
E-MTR-1220	Excavation for Ground Beam around Yard for Fence	1d	22-Feb-16	22-Feb-16
E-MTR-1230	Blinding Concret under Ground Beam for Fence	1d	23-Feb-16	23-Feb-16
E-MTR-1260	Reinforceing of Ground Beam for Fence	3d	24-Feb-16	27-Feb-16
E-MTR-1320	Formwork For Ground Beam for Fence	3d	02-Mar-16	05-Mar-16
E-MTR-1340	Cast-in-place concrete for Ground Beam for Fence	1d	06-Mar-16	06-Mar-16
E-MTR-1370	De-shuttering of Ground Beam	1d	10-Mar-16	10-Mar-16
E-MTR-1380	Installation of Steel Boundary Fence	5d	12-Mar-16	16-Mar-16
E-MTR-1390	200 mm thick granular base course and Concrete Sidewalk as per Detail C-416	14d	12-Mar-16	27-Mar-16
E-MTR-1450	Spread and compact 7 cm 3/4" asphalt concrete (7cm after compaction) with MCO prime coat for Yard	5d	28-Mar-16	02-Apr-16
E-MTR-1480	Fixing of Double Leaf Gate Access gate as per detail C-117	2d	03-Apr-16	04-Apr-16
Mechanical Works				
E-MTR-1710	Installation of Inlet, outlet, washout and overflow Pipes in the Yard including Riprap as per Detail C-332	10d	13-Jul-16	25-Jul-16
E-MTR-1760	Install all piping and appurtenances including control valve, backflow valve, check valve, misc	10d	25-Jul-16	06-Aug-16
Electrical Work				
E-MTR-1140	Earthing	3d	01-Feb-16	03-Feb-16
E-MTR-1240	Furnish and installation of duct banks, Cables & Electrical Utility power supply	5d	23-Feb-16	28-Feb-16
E-MTR-1280	Electrical Manhole	2d	29-Feb-16	01-Mar-16
E-MTR-1300	Installation of RTU, RTU Panel and breaker Panel, electrical conduit and wire complete for RTU	7d	02-Mar-16	09-Mar-16
E-MTR-1350	Site Lighting	2d	10-Mar-16	12-Mar-16
E-MTR-1880	Installation of Lightning Protection and Grounding System	3d	29-Sep-16	03-Oct-16
Instrumentation and SCADA Programming				
E-MTR-1000	Supply Instruments for the site and its facilities and Structures per section 13500A, P&ID	8d	17-Sep-16	25-Sep-16

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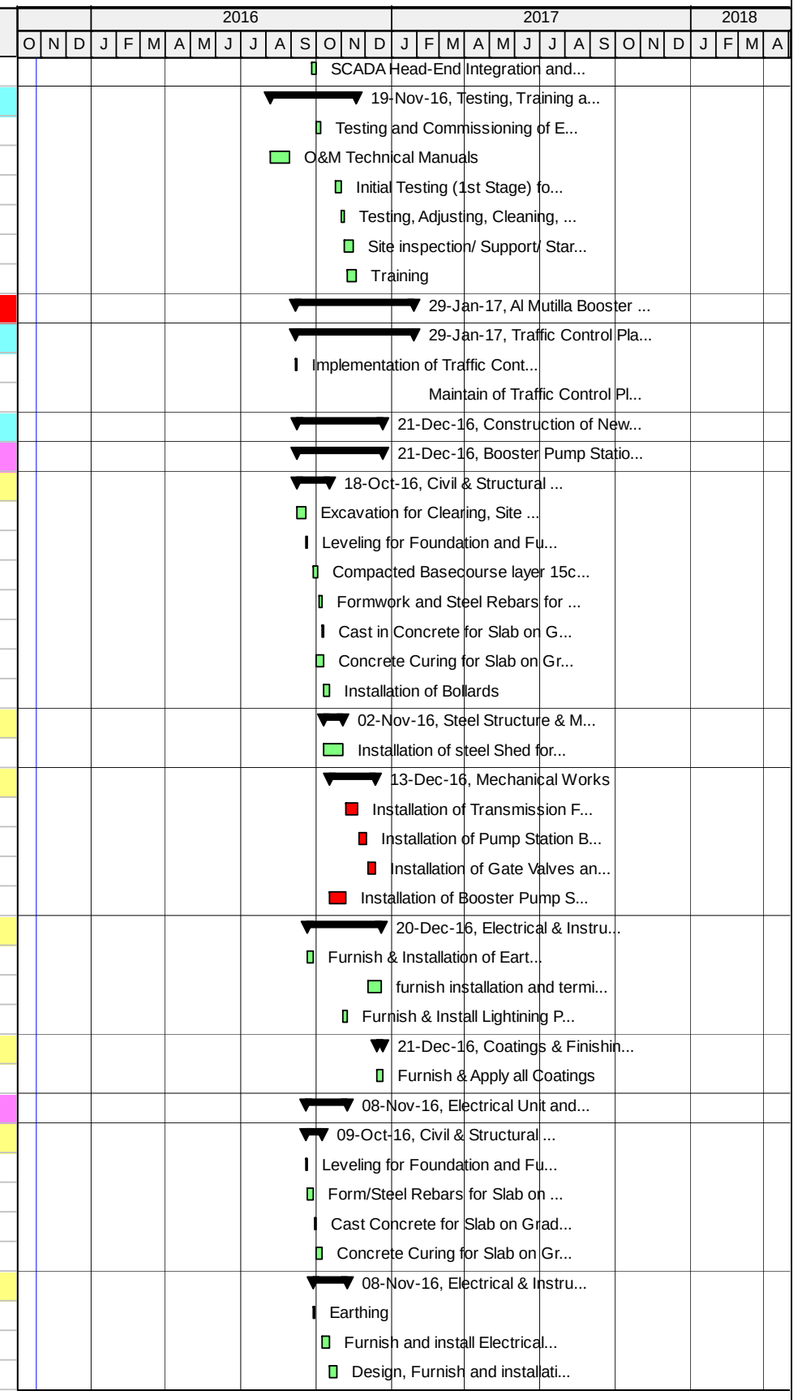
Activity ID	Activity Name	Original Duration	Start	Finish
E-MTR-1010	SCADA Head-End Integration and Programming	5d	26-Sep-16	01-Oct-16
Testing, Training and Commissioning				
E-MTR-1020	Testing and Commissioning of Electrical and Control System and Equipment	5d	02-Oct-16	06-Oct-16
E-MTR-1790	O&M Technical Manuals	20d	06-Aug-16	29-Aug-16
E-MTR-1930	Initial Testing (1st Stage) for Water Tightness	7d	24-Oct-16	01-Nov-16
E-MTR-1940	Testing, Adjusting, Cleaning, Disinfection, Commissioning, and Operator Instruction 2nd Stage	3d	01-Nov-16	05-Nov-16
E-MTR-1950	Site inspection/ Support/ Start up	9d	05-Nov-16	16-Nov-16
E-MTR-1960	Training	7d	09-Nov-16	19-Nov-16
Al Mutilla Booster Station				
Traffic Control Plan and Safety Measures				
MTB-005	Implementation of Traffic Control Plan and Safety Measure	3d	05-Sep-16	08-Sep-16
MTB-006	Maintain of Traffic Control Plan and Safety measures for Al Mutilla Booster Station	110d	08-Sep-16	29-Jan-17
Construction of New Pump Station				
Booster Pump Station and Transmission Flow Meter				
Civil & Structural Works				
MTB-010	Excavation for Clearing, Site Grading & Preparation	4d	08-Sep-16	18-Sep-16
MTB-BP-040	Leveling for Foundation and Furnishing, leveling, and compacting of subgrade layer	3d	18-Sep-16	21-Sep-16
MTB-BP-050	Compacted Basecourse layer 15cm for Booster Pump Slab and Transmission Flow Meter Pad	5d	27-Sep-16	03-Oct-16
MTB-BP-060	Formwork and Steel Rebars for Slab on Grade of Booster Pump and Transmission Flow Meter Pad	4d	04-Oct-16	09-Oct-16
MTB-BP-070	Cast in Concrete for Slab on Grade of Booster Pump and Transmission Flow Meter Pad	1d	09-Oct-16	10-Oct-16
MTB-BP-080	Concrete Curing for Slab on Grade of Booster Pump and Transmission Flow Meter Pad	7d	02-Oct-16	10-Oct-16
MTB-BP-130	Installation of Bollards	7d	10-Oct-16	18-Oct-16
Steel Structure & Metal Works				
MTB-BP-000115	Installation of steel Shed for Booster Pump	20d	10-Oct-16	02-Nov-16
Mechanical Works				
MTB-BP-M-00005	Installation of Transmission Flow Meter Pad includuing 50mm and 150 mm pipes, reducers and supports	12d	07-Nov-16	21-Nov-16
MTB-BP-M-00010	Installation of Pump Station Bypass Piping includuing 150 mm pipes, reducers and supports	9d	22-Nov-16	01-Dec-16
MTB-BP-M-00012	Installation of Gate Valves and Swing Check Valve 150mm and Transmission Flow Meter Pad	10d	03-Dec-16	13-Dec-16
MTB-BP-M-12	Installation of Booster Pump Skid including Pump inlet Header and Pump discharge header	18d	17-Oct-16	06-Nov-16
Electrical & Instrumentation Works				
MTB-BP-E-00010	Furnish & Installation of Earthing, Ductbanks & Raceway	5d	21-Sep-16	27-Sep-16
MTB-BP-E-00020	furnish installation and termination of transmission pump power and controls wire	14d	03-Dec-16	20-Dec-16
MTB-BP-E-00050	Furnish & Install Lightining Protection, Recepticles & Process Control Instrumentation	5d	02-Nov-16	08-Nov-16
Coatings & Finishing Works				
MTB-BP-000130	Furnish & Apply all Coatings	5d	14-Dec-16	21-Dec-16
Electrical Unit and Transfromer				
Civil & Structural Works				
MTB-ET-1090	Leveling for Foundation and Furnishing, leveling, and compacting of subgrade layer and BC 150mm	3d	18-Sep-16	21-Sep-16
MTB-ET-1100	Form/Steel Rebars for Slab on Grade of Electrical unit and Transformer Pad	6d	21-Sep-16	28-Sep-16
MTB-ET-1110	Cast Concrete for Slab on Grade of Electrical unit and Transformer Pad	1d	29-Sep-16	01-Oct-16
MTB-ET-1120	Concrete Curing for Slab on Grade of Electrical unit and Transformer Pad	7d	01-Oct-16	09-Oct-16
Electrical & Instrumentation Works				
MTB-ET-1000	Earthing	1d	28-Sep-16	29-Sep-16
MTB-ET-1010	Furnish and install Electrical Systems and Equipment including panels, wires, conduits, cables, etc.	8d	09-Oct-16	18-Oct-16
MTB-ET-1040	Design, Furnish and installation of Lightning Protection and Grounding System	8d	18-Oct-16	27-Oct-16



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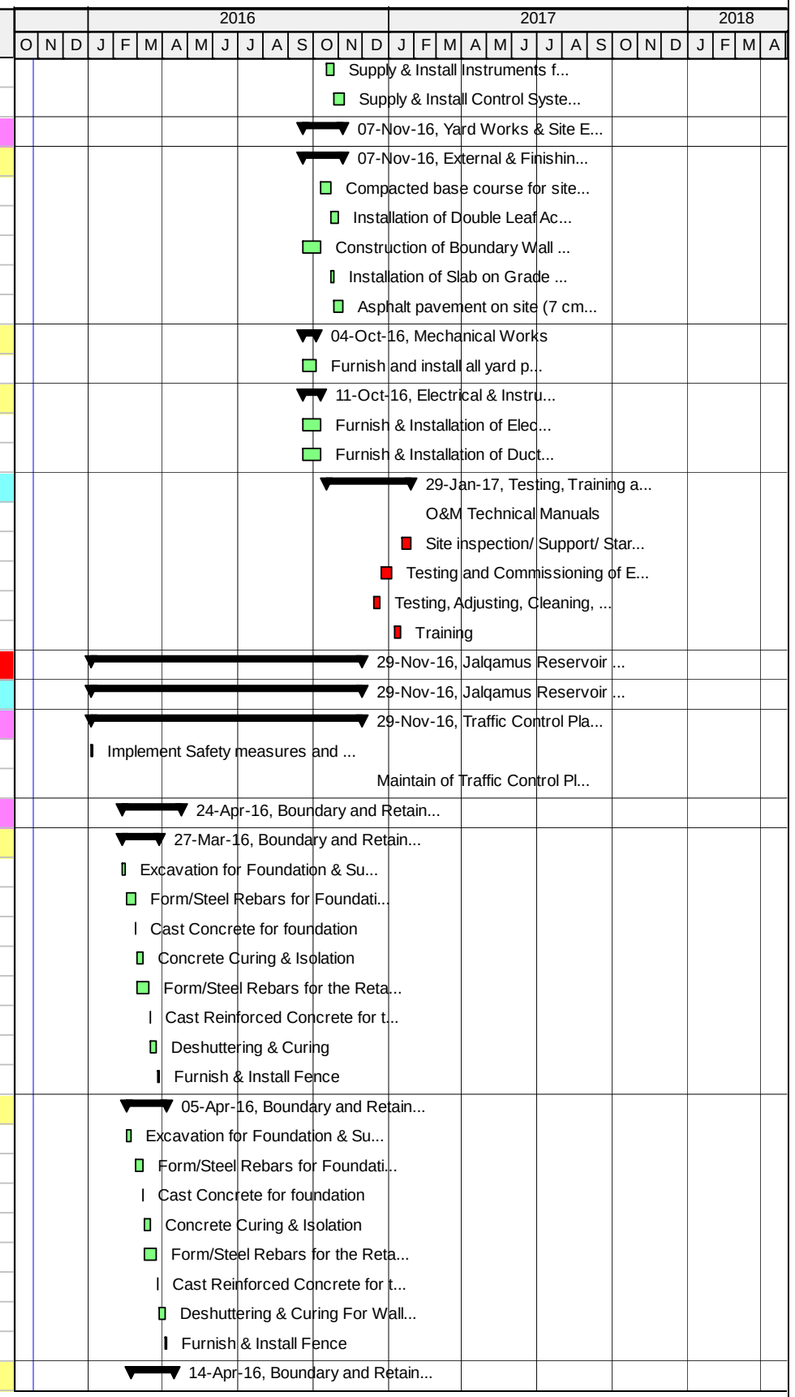
Activity ID	Activity Name	Original Duration	Start	Finish
MTB-ET-1050	Supply & Install Instruments for the site and its facilities and Structures per section 13500A	8d	18-Oct-16	27-Oct-16
MTB-ET-1060	Supply & Install Control System and SCADA Software including Protective Device and Coordination Studies	10d	27-Oct-16	08-Nov-16
Yard Works & Site Electrical Power				
External & Finishing Works				
MTB-YW-070	Compacted base course for site grading, 200 mm layer	9d	11-Oct-16	22-Oct-16
MTB-YW-090	Installation of Double Leaf Access Gate	8d	22-Oct-16	31-Oct-16
MTB-YW-100	Construction of Boundary Wall and Fence	20d	18-Sep-16	11-Oct-16
MTB-YW-110	Installation of Slab on Grade and Decomposed Granite	5d	22-Oct-16	27-Oct-16
MTB-YW-120	Asphalt pavement on site (7 cm), ¾" asphalt mix design including MC	9d	27-Oct-16	07-Nov-16
Mechanical Works				
MTB-YW-M-010	Furnish and install all yard piping and mechanical equipment	14d	18-Sep-16	04-Oct-16
Electrical & Instrumentation Works				
MTB-YW-E-010	Furnish & Installation of Electrical Manholes and Electrical Utility power supply	20d	18-Sep-16	11-Oct-16
MTB-YW-E-020	Furnish & Installation of Ductbanks	20d	18-Sep-16	11-Oct-16
Testing, Training and Commissioning				
MTB-1000	O&M Technical Manuals	82d	17-Oct-16	29-Jan-17
MTB-1020	Site inspection/ Support/ Start up	11d	17-Jan-17	29-Jan-17
MTB-1030	Testing and Commissioning of Electrical and Control System and Equipment	10d	24-Dec-16	05-Jan-17
MTB-1040	Testing, Adjusting, Cleaning, Disinfection, and Commissioning of the entire system	6d	14-Dec-16	22-Dec-16
MTB-1050	Training	6d	08-Jan-17	16-Jan-17
Jalqamus Reservoir and Access Road				
Jalqamus Reservoir - Replacement of existing 500 m3 with a new 1000m3 - at Grade				
Traffic Control Plan and Safety				
E-JLR-3030	Implement Safety measures and Traffic Control Plan for Jalqamus Reservoir	2d	04-Jan-16	05-Jan-16
E-JLR-3040	Maintain of Traffic Control Plan and Safety measures for Jalqamus Reservoir	258d	06-Jan-16	29-Nov-16
Boundary and Retaining Walls				
Boundary and Retaining Wall from Station 01 to station 04 Length = 35 lm				
E-JLR-1055	Excavation for Foundation & Subgrade layer Compaction	4d	11-Feb-16	15-Feb-16
E-JLR-1060	Form/Steel Rebars for Foundation	8d	16-Feb-16	27-Feb-16
E-JLR-1090	Cast Concrete for foundation	1d	28-Feb-16	28-Feb-16
E-JLR-1120	Concrete Curing & Isolation	7d	29-Feb-16	07-Mar-16
E-JLR-1130	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	29-Feb-16	15-Mar-16
E-JLR-1190	Cast Reinforced Concrete for the Retaining Wall	1d	16-Mar-16	16-Mar-16
E-JLR-1200	Deshuttering & Curing	7d	17-Mar-16	24-Mar-16
E-JLR-1250	Furnish & Install Fence	2d	26-Mar-16	27-Mar-16
Boundary and Retaining Wall from Station 04 to station 03 Length = 36 lm				
E-JLR-1070	Excavation for Foundation & Subgrade layer Compaction	4d	16-Feb-16	22-Feb-16
E-JLR-1100	Form/Steel Rebars for Foundation	8d	28-Feb-16	07-Mar-16
E-JLR-1140	Cast Concrete for foundation	1d	08-Mar-16	08-Mar-16
E-JLR-1160	Concrete Curing & Isolation	7d	09-Mar-16	16-Mar-16
E-JLR-1170	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	09-Mar-16	24-Mar-16
E-JLR-1260	Cast Reinforced Concrete for the Retaining Wall	1d	26-Mar-16	26-Mar-16
E-JLR-1270	Deshuttering & Curing For Walls	7d	27-Mar-16	03-Apr-16
E-JLR-1320	Furnish & Install Fence	2d	04-Apr-16	05-Apr-16
Boundary and Retaining Wall from Station 02 to station 03 Length = 30 lm				



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Activity ID	Activity Name	Original Duration	Start	Finish
E-JLR-1080	Excavation for Foundation & Subgrade layer Compaction	4d	23-Feb-16	27-Feb-16
E-JLR-1150	Form/Steel Rebars for Foundation	8d	08-Mar-16	16-Mar-16
E-JLR-1210	Cast Concrete for foundation	1d	17-Mar-16	17-Mar-16
E-JLR-1230	Concrete Curing & Isolation	7d	19-Mar-16	26-Mar-16
E-JLR-1240	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	19-Mar-16	03-Apr-16
E-JLR-1330	Cast Reinforced Concrete for the Retaining Wall	1d	04-Apr-16	04-Apr-16
E-JLR-1340	Deshuttering & Curing For Wall	7d	05-Apr-16	12-Apr-16
E-JLR-1380	Furnish & Install Fence	2d	13-Apr-16	14-Apr-16
Boundary and Retaining Wall from Station 01 to station 02 Length = 8 lm				
E-JLR-1110	Excavation for Foundation & Subgrade layer Compaction	4d	28-Feb-16	02-Mar-16
E-JLR-1220	Form/Steel Rebars for Foundation	8d	17-Mar-16	26-Mar-16
E-JLR-1280	Cast Concrete for foundation	1d	27-Mar-16	27-Mar-16
E-JLR-1290	Concrete Curing & Isolation	7d	28-Mar-16	04-Apr-16
E-JLR-1300	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	28-Mar-16	12-Apr-16
E-JLR-1390	Cast Reinforced Concrete for the Retaining Wall	1d	13-Apr-16	13-Apr-16
E-JLR-1400	Deshuttering & Curing For Walls	7d	14-Apr-16	21-Apr-16
E-JLR-1450	Furnish & Install Fence	2d	23-Apr-16	24-Apr-16
Earth Work				
E-JLR-1175	Demolition of existing Facilities, Site Cleaning & Grubbing	10d	28-Jan-16	08-Feb-16
E-JLR-1180	Site Grading and Preparation	3d	09-Feb-16	11-Feb-16
E-JLR-1310	Structural Excavation for the base slab of the Reservoir & Inlet Outlet Chamber and Subgrade layer	5d	13-Feb-16	17-Feb-16
E-JLR-1315	Soil verification report - Geotechnical report	5d	18-Feb-16	25-Feb-16
E-JLR-1350	Digging of Inlet Outlet chamber (S-RVV01)	3d	27-Feb-16	29-Feb-16
E-JLR-1370	Excavation, Furnish and install subgrade piping system (Perforated, Outlet & Washout)	3d	01-Mar-16	03-Mar-16
E-JLR-1420	Furnish and install base course (150mm in depth) under base slab	4d	05-Mar-16	08-Mar-16
E-JLR-1430	Construction of Lean Concrete under Reservoir	5d	09-Mar-16	14-Mar-16
Civil Work				
E-JLR-1460	Installation of perforated pipes	2d	15-Mar-16	16-Mar-16
E-JLR-1470	Reservoir base slab - Formwork	5d	23-Mar-16	28-Mar-16
E-JLR-1480	Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and perforated pipes)	2d	29-Mar-16	30-Mar-16
E-JLR-1490	Reservoir base slab reinforcing steel & water stop installation	10d	31-Mar-16	11-Apr-16
E-JLR-1510	Reservoir base slab - Place concrete (Stage 1)	1d	12-Apr-16	12-Apr-16
E-JLR-1520	Reservoir base slab - Place concrete (Stage 2)	1d	16-Apr-16	16-Apr-16
E-JLR-1540	Reservoir base slab - Place concrete (Stage 3) - Footing of Columns	1d	19-Apr-16	19-Apr-16
E-JLR-1550	Concrete Curing for Base slab	7d	20-Apr-16	27-Apr-16
E-JLR-1560	Reservoir Walls - External formwork	2d	20-Apr-16	21-Apr-16
E-JLR-1570	Reservoir Walls & Columns - Reinforcing steel & vertical water stop installation	12d	24-Apr-16	09-May-16
E-JLR-1580	Water proofing & backfilling	1d	28-Apr-16	28-Apr-16
E-JLR-1590	Reservoir Walls & Columns - Internal formwork - (Stage 1)	8d	10-May-16	18-May-16
E-JLR-1600	Reservoir Walls & Columns - Place concrete (Stage 1)	1d	19-May-16	19-May-16
E-JLR-1610	Reservoir Walls - Internal formwork - (Stage 2-Walls 2,4,6 & 8)	8d	19-May-16	28-May-16
E-JLR-1620	Reservoir Walls - Place concrete (Stage 2)	1d	29-May-16	29-May-16
E-JLR-1630	Reservoir Roof Slab - Formwork	10d	08-Jun-16	26-Jun-16
E-JLR-1650	Reservoir Roof Slab - Reinforcing steel & installation of seismic cans	5d	27-Jun-16	09-Jul-16
E-JLR-1660	Reservoir Roof Slab - Place concrete (Stage 1-Part A & C)	1d	09-Jul-16	10-Jul-16

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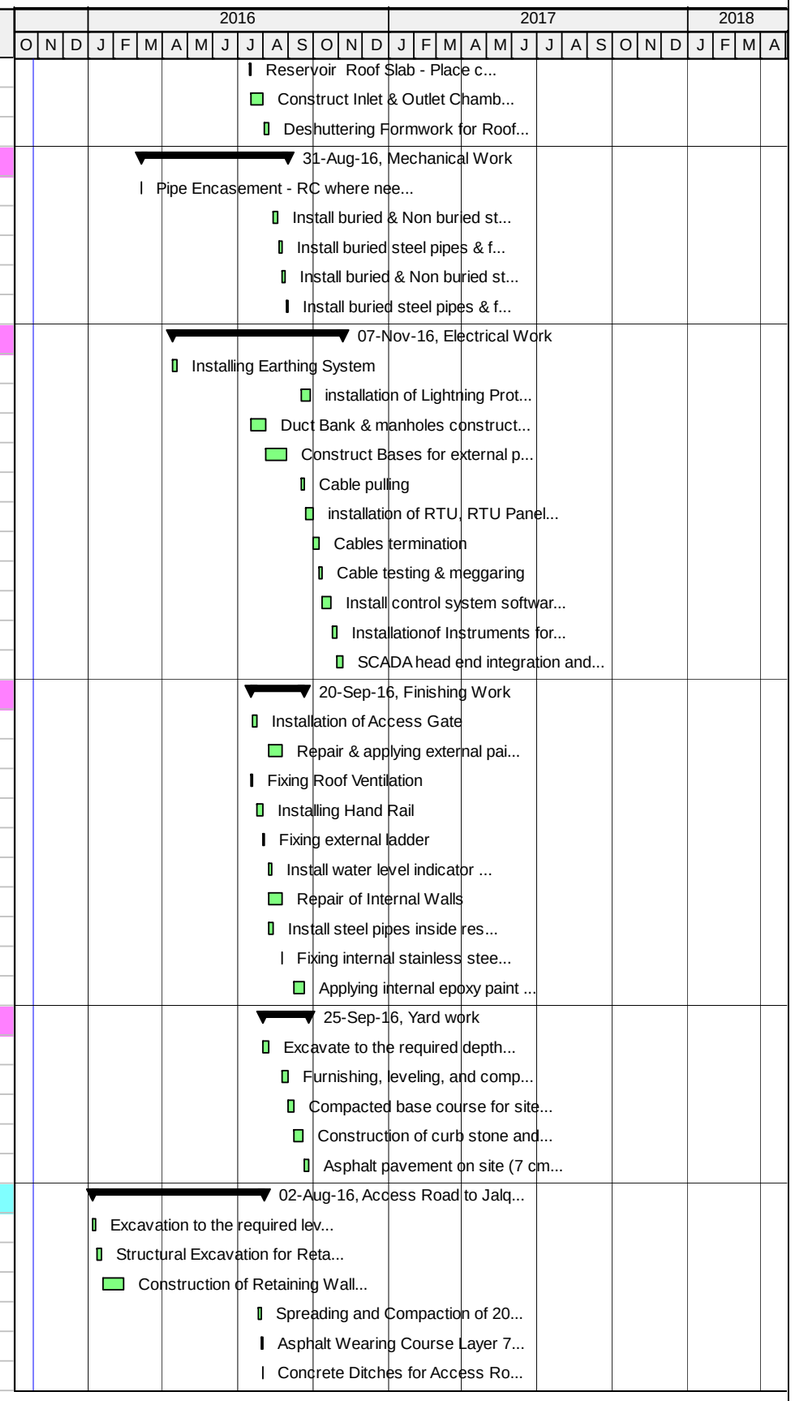
E-JLR-1670	Reservoir Roof Slab - Place concrete (Stage 2-Part B & D)	1d	16-Jul-16	17-Jul-16
E-JLR-1700	Construct Inlet & Outlet Chambers (Valve Vault)	13d	17-Jul-16	01-Aug-16
E-JLR-1730	Deshuttering Formwork for Roof Slab	5d	02-Aug-16	08-Aug-16
Mechanical Work				
E-JLR-1410	Pipe Encasement - RC where needed	2d	05-Mar-16	06-Mar-16
E-JLR-1760	Install buried & Non buried steel pipes & fittings- Outlet and Drain Structure Outlet	5d	14-Aug-16	18-Aug-16
E-JLR-1790	Install buried steel pipes & fittings - Washout	5d	20-Aug-16	24-Aug-16
E-JLR-1800	Install buried & Non buried steel pipes & fittings - Inlet	3d	25-Aug-16	28-Aug-16
E-JLR-1830	Install buried steel pipes & fittings - Overflow	3d	29-Aug-16	31-Aug-16
Electrical Work				
E-JLR-1500	Installing Earthing System	5d	12-Apr-16	17-Apr-16
E-JLR-1530	installation of Lightning Protection and Grounding System	10d	17-Sep-16	27-Sep-16
E-JLR-1690	Duct Bank & manholes construction including precast Pullbox	16d	17-Jul-16	04-Aug-16
E-JLR-1740	Construct Bases for external power lighting	21d	04-Aug-16	29-Aug-16
E-JLR-1840	Cable pulling	5d	17-Sep-16	21-Sep-16
E-JLR-1850	installation of RTU, RTU Panel and breaker Panel	8d	22-Sep-16	01-Oct-16
E-JLR-1860	Cables termination	6d	02-Oct-16	08-Oct-16
E-JLR-1870	Cable testing & meggaring	3d	09-Oct-16	11-Oct-16
E-JLR-1880	Install control system software	10d	12-Oct-16	23-Oct-16
E-JLR-1900	Installationof Instruments for the site and its facilities and Structures per section 13500A	6d	24-Oct-16	30-Oct-16
E-JLR-1910	SCADA head end integration and programming for the site	7d	31-Oct-16	07-Nov-16
Finishing Work				
E-JLR-1440	Installation of Access Gate	3d	20-Jul-16	24-Jul-16
E-JLR-1640	Repair & applying external paint for the reservoir	14d	08-Aug-16	24-Aug-16
E-JLR-1680	Fixing Roof Ventilation	3d	17-Jul-16	20-Jul-16
E-JLR-1710	Installing Hand Rail	5d	25-Jul-16	31-Jul-16
E-JLR-1720	Fixing external ladder	2d	31-Jul-16	02-Aug-16
E-JLR-1750	Install water level indicator & Access Cover	3d	08-Aug-16	11-Aug-16
E-JLR-1770	Repair of Internal Walls	14d	08-Aug-16	24-Aug-16
E-JLR-1780	Install steel pipes inside reservoir - Outlet	5d	08-Aug-16	14-Aug-16
E-JLR-1810	Fixing internal stainless steel access ladder	1d	24-Aug-16	25-Aug-16
E-JLR-1890	Applying internal epoxy paint for the reservoir	6d	08-Sep-16	20-Sep-16
Yard work				
E-JLR-1930	Excavate to the required depth as per design drawings	6d	01-Aug-16	08-Aug-16
E-JLR-1940	Furnishing, leveling, and compaction of selected fill for subgrade layer	6d	25-Aug-16	01-Sep-16
E-JLR-1950	Compacted base course for site grading, 200 mm layer	5d	01-Sep-16	07-Sep-16
E-JLR-1955	Construction of curb stone and side walk	5d	07-Sep-16	18-Sep-16
E-JLR-1960	Asphalt pavement on site (7 cm), ¾ " asphalt mix design including MC	4d	20-Sep-16	25-Sep-16
Access Road to Jalqamus Reservoir (190 m of two-lane road with shoulder)				
E-JLR-1000	Excavation to the required level for Access Road to Jalqamus Reservoir	4d	06-Jan-16	10-Jan-16
E-JLR-1010	Structural Excavation for Retaining Wall from Station 0+070 to Station 0+165	6d	11-Jan-16	17-Jan-16
E-JLR-1020	Construction of Retaining Wall from Station 0+070 to Station 0+165	21d	18-Jan-16	13-Feb-16
E-JLR-1030	Spreading and Compaction of 20cm Base Course for Access Road to Jalqamus Reservoir from Station 0+000 to Station (	3d	26-Jul-16	30-Jul-16
E-JLR-1040	Asphalt Wearing Course Layer 7cm for Access Road to Jalqamus Reservoir from Station 0+000 to Station 0+165 includin	1d	30-Jul-16	31-Jul-16
E-JLR-1045	Concrete Ditches for Access Road to Jalqamus Reservoir from Station 0+000 to Station 0+165	1d	31-Jul-16	01-Aug-16



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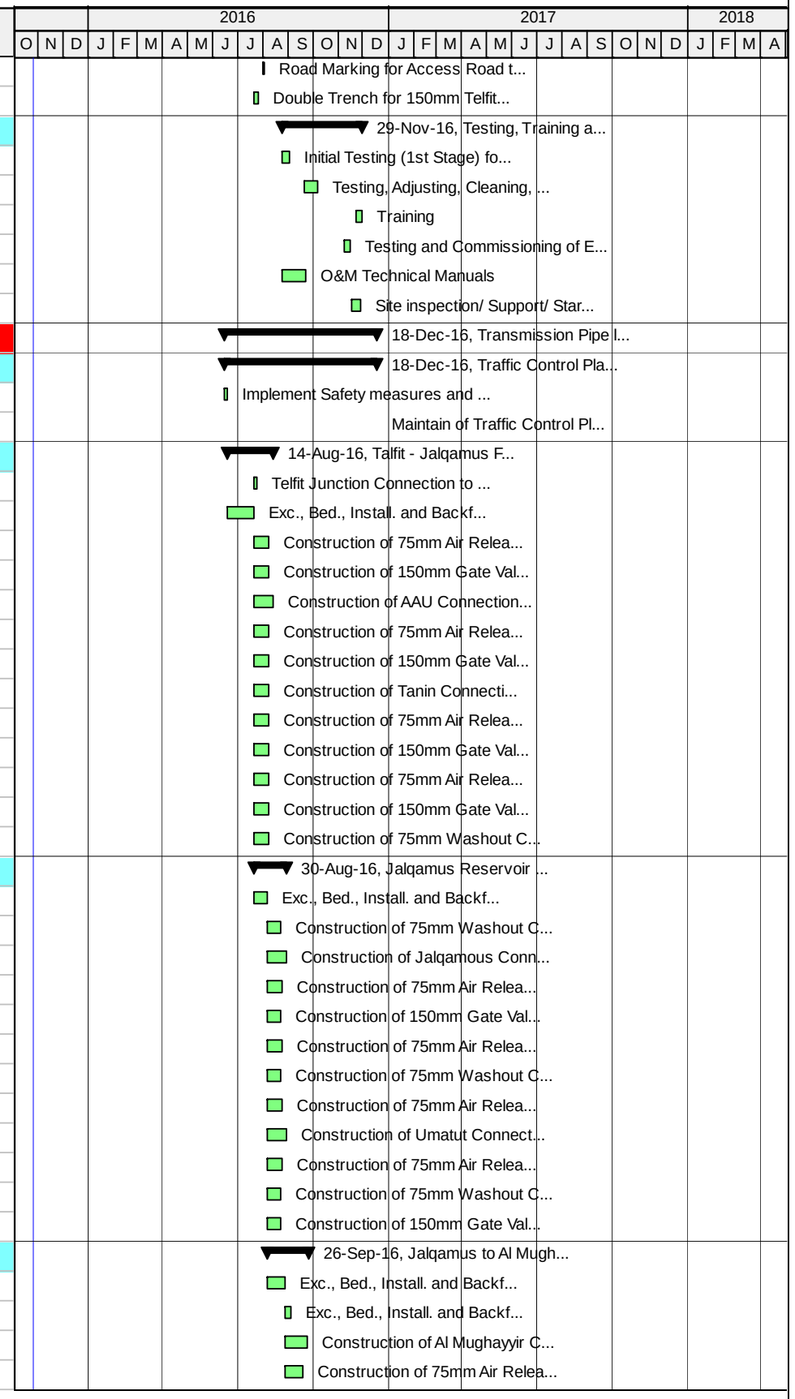
E-JLR-1050	Road Marking for Access Road to Jalqamus Reservoir from Station 0+000 to Station 0+165	1d	01-Aug-16	02-Aug-16
E-TJT-1100	Double Trench for 150mm Telfit-Jalqamus (St. 2+140 to St. 2+330) & 150 mm Jalqamus-Umatut pipes (St. 0+000 to St. 0+	4d	21-Jul-16	26-Jul-16
Testing, Training and Commissioning				
E-JLR-3000	Initial Testing (1st Stage) for Water Tightness	7d	25-Aug-16	03-Sep-16
E-JLR-3010	Testing, Adjusting, Cleaning, Disinfection, Commissioning, and Operator Instruction 2nd Stage	14d	20-Sep-16	06-Oct-16
E-JLR-5250	Training	7d	22-Nov-16	29-Nov-16
E-JLR-5255	Testing and Commissioning of Electrical and Control Systems and Equipment	7d	08-Nov-16	16-Nov-16
E-JLR-5260	O&M Technical Manuals	20d	25-Aug-16	22-Sep-16
E-JLR-5270	Site inspection/ Support/ Start up	9d	17-Nov-16	27-Nov-16
Transmission Pipe lines				
Traffic Control Plan and Safety				
SWJ-TCP-1400	Implement Safety measures and Traffic Control Plan for Zone 01	2d	15-Jun-16	19-Jun-16
SWJ-TCP-1410	Maintain of Traffic Control Plan and Safety measures for Zone 01	141d	19-Jun-16	18-Dec-16
Talfit - Jalqamus Force line (Talfit Junction to Jalqamus Reservoir)				
E-TJT-0990	Telfit Junction Connection to Existing Pipeline	2d	21-Jul-16	24-Jul-16
E-TJT-1000	Exc., Bed., Install. and Backfill. 150mm Talfit - Jalqamus force line from St. 0+000 to St.2+140	20d	19-Jun-16	21-Jul-16
E-TJT-1010	Construction of 75mm Air Release Valve Chamber at Station 0+410 on 150mm pipe	15d	21-Jul-16	08-Aug-16
E-TJT-1020	Construction of 150mm Gate Valve Chamber at Station 0+500	15d	21-Jul-16	08-Aug-16
E-TJT-1025	Construction of AAU Connection Chamber at Station 0+620 (CHD-155) including connect to Existing Pipeline and 100mm	20d	21-Jul-16	14-Aug-16
E-TJT-1030	Construction of 75mm Air Release Valve Chamber at Station 0+910 on 150mm pipe	15d	21-Jul-16	08-Aug-16
E-TJT-1040	Construction of 150mm Gate Valve Chamber at Station 1+000	15d	21-Jul-16	08-Aug-16
E-TJT-1045	Construction of Tanin Connection Chamber at station 1+030 including 100mm pipe and connect to existing pipeline (CHD-	15d	21-Jul-16	08-Aug-16
E-TJT-1050	Construction of 75mm Air Release Valve Chamber at Station 1+410 on 150mm pipe	15d	21-Jul-16	08-Aug-16
E-TJT-1060	Construction of 150mm Gate Valve Chamber at Station 1+500	15d	21-Jul-16	08-Aug-16
E-TJT-1070	Construction of 75mm Air Release Valve Chamber at Station 1+910 on 150mm pipe	15d	21-Jul-16	08-Aug-16
E-TJT-1080	Construction of 150mm Gate Valve Chamber at Station 2+000	15d	21-Jul-16	08-Aug-16
E-TJT-1090	Construction of 75mm Washout Chamber at station 2+080 on 150mm pipe	15d	21-Jul-16	08-Aug-16
Jalqamus Reservoir to Umatut Force Line (Jalqamus Junction) (150mm x 1.8 km)				
E-JLT-0020	Exc., Bed., Install. and Backfill. 150mm Jalqamus pipeline from St. 0+190 to St.1+880	14d	21-Jul-16	07-Aug-16
E-JLT-1000	Construction of 75mm Washout Chamber at station 0+190 on 150mm pipe	13d	07-Aug-16	22-Aug-16
E-JLT-1010	Construction of Jalqamous Connection Chamber (CHD-171) including 100mm Connection Pipe	20d	07-Aug-16	30-Aug-16
E-JLT-1020	Construction of 75mm Air Release Valve Chamber at station 0+325 on 150mm pipe	15d	07-Aug-16	24-Aug-16
E-JLT-1030	Construction of 150mm Gate Valve Chamber at Station 0+538	13d	07-Aug-16	22-Aug-16
E-JLT-1040	Construction of 75mm Air Release Valve Chamber at station 0+715 on 150mm pipe	15d	07-Aug-16	24-Aug-16
E-JLT-1050	Construction of 75mm Washout Chamber at station 0+885 on 150mm pipe	13d	07-Aug-16	22-Aug-16
E-JLT-1060	Construction of 75mm Air Release Valve Chamber at station 1+162 on 150mm pipe	15d	07-Aug-16	24-Aug-16
E-JLT-1070	Construction of Umatut Connection Chamber (CHD-173) including 100mm Connection Pipe	20d	07-Aug-16	30-Aug-16
E-JLT-1080	Construction of 75mm Air Release Valve Chamber at station 1+590 on 150mm pipe	15d	07-Aug-16	24-Aug-16
E-JLT-1090	Construction of 75mm Washout Chamber at station 1+870 on 150mm pipe	13d	07-Aug-16	22-Aug-16
E-JLT-1110	Construction of 150mm Gate Valve Chamber at Station 1+375	13d	07-Aug-16	22-Aug-16
Jalqamus to Al Mughayyir Force Line				
E-JMT-1000	Exc., Bed., Install. and Backfill. 150mm Jalqamus to Al Mughayyir pipeline from St. 0+000 to St.2+000	17d	07-Aug-16	27-Aug-16
E-JMT-1010	Exc., Bed., Install. and Backfill. 150mm Jalqamus to Al Mughayyir pipeline from St. 2+000 to St.2+776	7d	27-Aug-16	04-Sep-16
E-JMT-1020	Construction of Al Mughayyir Connection Chamber (CHD-191)	20d	27-Aug-16	24-Sep-16
E-JMT-1030	Construction of 75mm Air Release Valve Chamber at station 0+470 on 150mm pipe	15d	27-Aug-16	18-Sep-16



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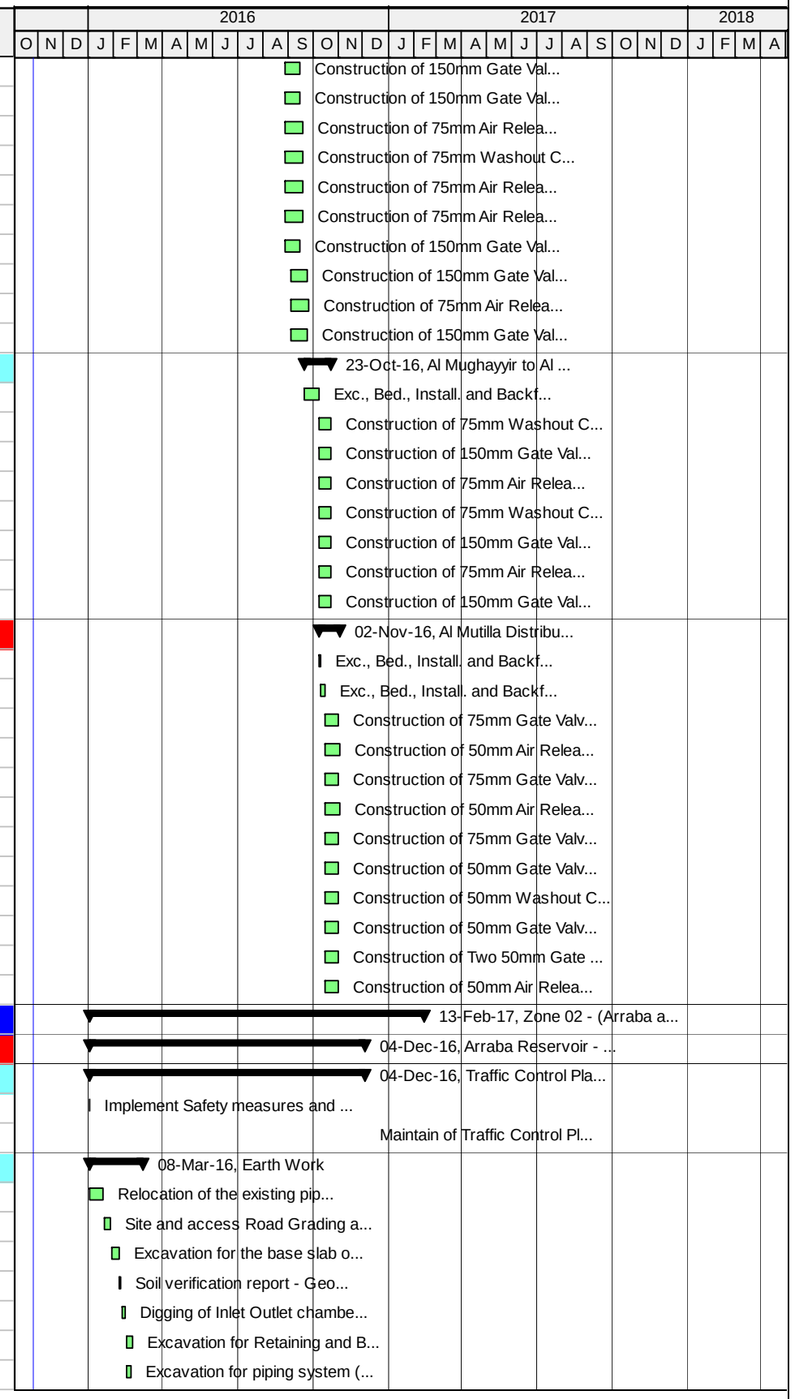
Activity ID	Activity Name	Original Duration	Start	Finish
E-JMT-1040	Construction of 150mm Gate Valve Chamber at Station 0+500	13d	27-Aug-16	15-Sep-16
E-JMT-1050	Construction of 150mm Gate Valve Chamber at Station 1+000	13d	27-Aug-16	15-Sep-16
E-JMT-1060	Construction of 75mm Air Release Valve Chamber at station 1+015 on 150mm pipe	15d	27-Aug-16	18-Sep-16
E-JMT-1070	Construction of 75mm Washout Chamber at station 1+430 on 150mm pipe	15d	27-Aug-16	18-Sep-16
E-JMT-1080	Construction of 75mm Air Release Valve Chamber at station 1+690 on 150mm pipe	15d	27-Aug-16	18-Sep-16
E-JMT-1090	Construction of 75mm Air Release Valve Chamber at station 1+970 on 150mm pipe	15d	27-Aug-16	18-Sep-16
E-JMT-1100	Construction of 150mm Gate Valve Chamber at Station 2+000	13d	27-Aug-16	15-Sep-16
E-JMT-1110	Construction of 150mm Gate Valve Chamber at Station 2+050 including connection to Existing Manhole	13d	04-Sep-16	24-Sep-16
E-JMT-1120	Construction of 75mm Air Release Valve Chamber at station 2+430 on 150mm pipe	15d	04-Sep-16	26-Sep-16
E-JMT-1130	Construction of 150mm Gate Valve Chamber at Station 2+500	13d	04-Sep-16	24-Sep-16
Al Mughayyir to Al Mutilla Force Line (Al Mutilla Booster Station to Al Mutilla Reservoir)				
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	21-Sep-16	08-Oct-16
E-MTT-1150	Construction of 75mm Washout Chamber at station 0+330 on 150mm pipe	13d	08-Oct-16	23-Oct-16
E-MTT-1160	Construction of 150mm Gate Valve Chamber at Station 0+500	13d	08-Oct-16	23-Oct-16
E-MTT-1170	Construction of 75mm Air Release Valve Chamber at station 0+705 on 150mm pipe	13d	08-Oct-16	23-Oct-16
E-MTT-1180	Construction of 75mm Washout Chamber at station 0+880 on 150mm pipe	13d	08-Oct-16	23-Oct-16
E-MTT-1190	Construction of 150mm Gate Valve Chamber at Station 1+000	13d	08-Oct-16	23-Oct-16
E-MTT-1200	Construction of 75mm Air Release Valve Chamber at station 1+245 on 150mm pipe	13d	08-Oct-16	23-Oct-16
E-MTT-1210	Construction of 150mm Gate Valve Chamber at Station 1+500	13d	08-Oct-16	23-Oct-16
Al Mutilla Distribution Network				
E-MTN-1000	Exc., Bed., Install. and Backfill. 75mm pipe for Al Mutilla Network - from Al Mutilla Elevated Reservoir (260 m)	3d	08-Oct-16	11-Oct-16
E-MTN-1010	Exc., Bed., Install. and Backfill. 50mm pipe for Al Mutilla Network - Branches from 75 mm pipe (320 m)	4d	11-Oct-16	16-Oct-16
E-MTN-1030	Construction of 75mm Gate Valve Chamber at Al Mutilla Reservoir Entrance	13d	16-Oct-16	31-Oct-16
E-MTN-1040	Construction of 50mm Air Release Valve Chamber on 75mm pipe	15d	16-Oct-16	02-Nov-16
E-MTN-1045	Construction of 75mm Gate Valve Chamber on 75mm pipe	13d	16-Oct-16	31-Oct-16
E-MTN-1050	Construction of 50mm Air Release Valve Chamber on 75mm pipe	15d	16-Oct-16	02-Nov-16
E-MTN-1060	Construction of 75mm Gate Valve Chamber on 75mm pipe	13d	16-Oct-16	31-Oct-16
E-MTN-1065	Construction of 50mm Gate Valve Chamber on 50mm pipe	13d	16-Oct-16	31-Oct-16
E-MTN-1070	Construction of 50mm Washout Chamber on 75mm pipe	13d	16-Oct-16	31-Oct-16
E-MTN-1080	Construction of 50mm Gate Valve Chamber on 50mm pipe - near Al Mutilla Reservoir Entrance	13d	16-Oct-16	31-Oct-16
E-MTN-1090	Construction of Two 50mm Gate Valve Chamber on 50mm pipe	13d	16-Oct-16	31-Oct-16
E-MTN-1100	Construction of 50mm Air Release Valve Chamber on 50mm pipe	13d	16-Oct-16	31-Oct-16
Zone 02 - (Arraba and Kuferit)				
Arraba Reservoir - Replacement of existing 1000 m3 with a new 2,000 m3 At Grade				
Traffic Control Plan and Safety				
E-ARR-1000	Implement Safety measures and Traffic Control Plan	2d	02-Jan-16	03-Jan-16
E-ARR-1010	Maintain of Traffic Control Plan and Safety measures for Arraba Reservoir	264d	04-Jan-16	04-Dec-16
Earth Work				
E-ARR-1040	Relocation of the existing pipeline and Demolition of existing reservoir	15d	02-Jan-16	18-Jan-16
E-ARR-1050	Site and access Road Grading and Preparation	7d	21-Jan-16	28-Jan-16
E-ARR-1060	Excavation for the base slab of the Reservoir and subgrade layer	8d	30-Jan-16	07-Feb-16
E-ARR-1065	Soil verification report - Geotechnical report	3d	08-Feb-16	10-Feb-16
E-ARR-1070	Digging of Inlet Outlet chamber (S-RVV01)	4d	11-Feb-16	15-Feb-16
E-ARR-1080	Excavation for Retaining and Boundary walls	6d	16-Feb-16	24-Feb-16
E-ARR-1090	Excavation for piping system (Perforated, Outlet & Washout)	4d	16-Feb-16	22-Feb-16



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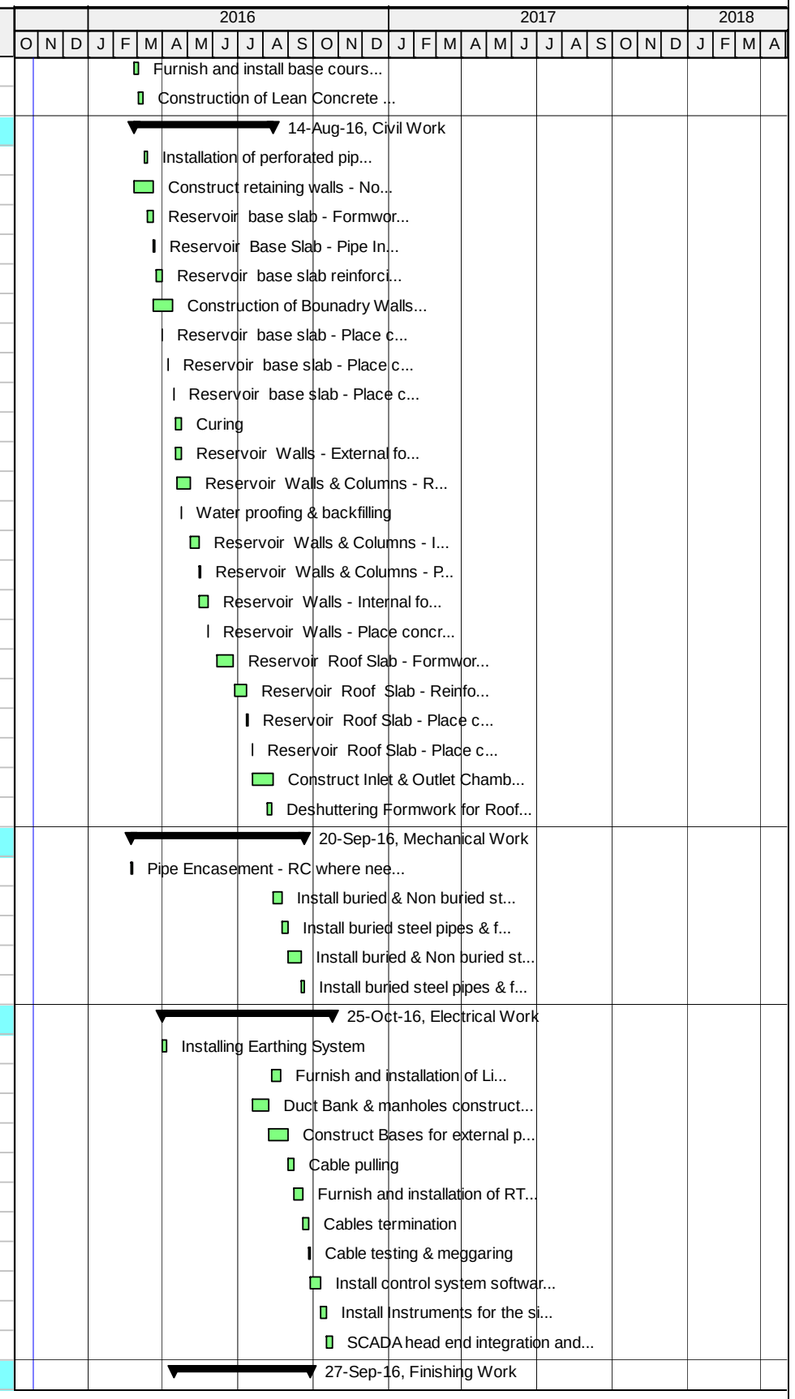
Activity ID	Activity Name	Original Duration	Start	Finish
E-ARR-1100	Furnish and install base course (150mm in depth) under base slab	6d	25-Feb-16	02-Mar-16
E-ARR-1130	Construction of Lean Concrete under Reservoir	5d	03-Mar-16	08-Mar-16
Civil Work				
E-ARR-1110	Installation of perforated pipes	3d	09-Mar-16	12-Mar-16
E-ARR-1120	Construct retaining walls - North side	21d	25-Feb-16	20-Mar-16
E-ARR-1140	Reservoir base slab - Formwork	7d	13-Mar-16	20-Mar-16
E-ARR-1150	Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and other pipes)	2d	21-Mar-16	22-Mar-16
E-ARR-1160	Reservoir base slab reinforcing steel & water stop installation	7d	23-Mar-16	30-Mar-16
E-ARR-1170	Construction of Bounadry Walls - south and west side	21d	21-Mar-16	13-Apr-16
E-ARR-1180	Reservoir base slab - Place concrete (Stage 1 - Part A, C, H, L)	1d	31-Mar-16	31-Mar-16
E-ARR-1190	Reservoir base slab - Place concrete (Stage 2 - Part B, D, F, J)	1d	07-Apr-16	07-Apr-16
E-ARR-1200	Reservoir base slab - Place concrete (Stage 3 - Part E, G, I, K)	1d	14-Apr-16	14-Apr-16
E-ARR-1210	Curing	7d	16-Apr-16	23-Apr-16
E-ARR-1220	Reservoir Walls - External formwork	8d	16-Apr-16	24-Apr-16
E-ARR-1230	Reservoir Walls & Columns - Reinforcing steel & vertical water stop installation	12d	19-Apr-16	04-May-16
E-ARR-1240	Water proofing & backfilling	1d	24-Apr-16	24-Apr-16
E-ARR-1250	Reservoir Walls & Columns - Internal formwork - (Stage 1-Walls 1,3,5 & 7)	9d	05-May-16	15-May-16
E-ARR-1260	Reservoir Walls & Columns - Place concrete (Stage 1)	1d	16-May-16	16-May-16
E-ARR-1270	Reservoir Walls - Internal formwork - (Stage 2-Walls 2,4,6 & 8)	9d	16-May-16	25-May-16
E-ARR-1280	Reservoir Walls - Place concrete (Stage 2)	1d	26-May-16	26-May-16
E-ARR-1290	Reservoir Roof Slab - Formwork	12d	05-Jun-16	26-Jun-16
E-ARR-1300	Reservoir Roof Slab - Reinforcing steel & Constuction Joints Installation	8d	27-Jun-16	12-Jul-16
E-ARR-1310	Reservoir Roof Slab - Place concrete (Stage 1-Part A & C)	1d	12-Jul-16	13-Jul-16
E-ARR-1320	Reservoir Roof Slab - Place concrete (Stage 2-Part B & D)	1d	19-Jul-16	20-Jul-16
E-ARR-1330	Construct Inlet & Outlet Chamber (Valve Vault)	21d	20-Jul-16	14-Aug-16
E-ARR-1340	Deshuttering Formwork for Roof Slab	5d	06-Aug-16	11-Aug-16
Mechanical Work				
E-ARR-1360	Pipe Encasement - RC where needed	2d	23-Feb-16	24-Feb-16
E-ARR-1370	Install buried & Non buried steel pipes & fittings- Outlet Including Outlet Drain Structure	10d	14-Aug-16	25-Aug-16
E-ARR-1380	Install buried steel pipes & fittings - Washout	5d	25-Aug-16	31-Aug-16
E-ARR-1390	Install buried & Non buried steel pipes & fittings - Inlet including Valve Vault	10d	31-Aug-16	17-Sep-16
E-ARR-1400	Install buried steel pipes & fittings - Overflow	3d	17-Sep-16	20-Sep-16
Electrical Work				
E-ARR-1410	Installing Earthing System	5d	31-Mar-16	05-Apr-16
E-ARR-1420	Furnish and installation of Lightning Protection and Grounding System	10d	11-Aug-16	23-Aug-16
E-ARR-1430	Duct Bank & manholes construction including pre-cast pullbox	16d	20-Jul-16	08-Aug-16
E-ARR-1440	Construct Bases for external power lighting	21d	08-Aug-16	01-Sep-16
E-ARR-1450	Cable pulling	5d	01-Sep-16	07-Sep-16
E-ARR-1460	Furnish and installation of RTU, RTU Panel and Breaker Panel	5d	07-Sep-16	18-Sep-16
E-ARR-1470	Cables termination	6d	18-Sep-16	25-Sep-16
E-ARR-1480	Cable testing & meggaring	3d	25-Sep-16	28-Sep-16
E-ARR-1490	Install control system software	10d	28-Sep-16	10-Oct-16
E-ARR-1500	Install Instruments for the site and its facilities and Structures per section 13500A	6d	10-Oct-16	17-Oct-16
E-ARR-1510	SCADA head end integration and programming for the site and its facilities	7d	17-Oct-16	25-Oct-16
Finishing Work				



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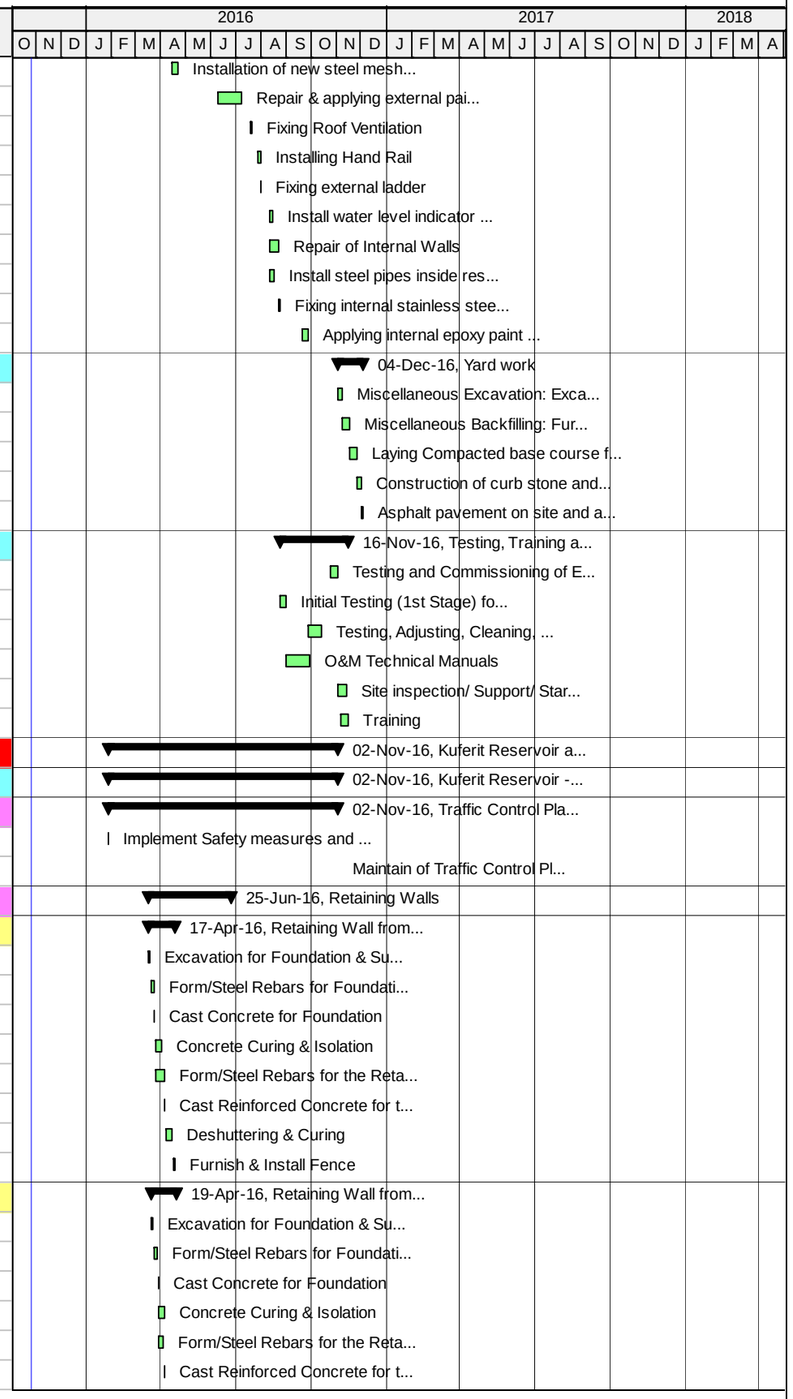
Activity ID	Activity Name	Original Duration	Start	Finish
E-ARR-1530	Installation of new steel mesh fence and fence around site perimeter on existing wall	7d	14-Apr-16	21-Apr-16
E-ARR-1550	Repair & applying external paint for the reservoir	14d	09-Jun-16	09-Jul-16
E-ARR-1560	Fixing Roof Ventilation	1d	20-Jul-16	21-Jul-16
E-ARR-1570	Installing Hand Rail	2d	28-Jul-16	31-Jul-16
E-ARR-1580	Fixing external ladder	1d	31-Jul-16	01-Aug-16
E-ARR-1590	Install water level indicator & Access Cover	3d	11-Aug-16	15-Aug-16
E-ARR-1600	Repair of Internal Walls	10d	11-Aug-16	23-Aug-16
E-ARR-1610	Install steel pipes inside reservoir - Outlet	5d	11-Aug-16	17-Aug-16
E-ARR-1620	Fixing internal stainless steel access ladder	1d	23-Aug-16	24-Aug-16
E-ARR-1640	Applying internal epoxy paint for the reservoir	6d	20-Sep-16	27-Sep-16
Yard work				
E-ARR-1650	Miscellaneous Excavation: Excavate to the required depth as per design drawings	6d	02-Nov-16	09-Nov-16
E-ARR-1660	Miscellaneous Backfilling: Furnishing, leveling, and compaction of selected fill for subgrade layer	6d	09-Nov-16	17-Nov-16
E-ARR-1670	Laying Compacted base course for site grading, 200 mm layer	7d	17-Nov-16	26-Nov-16
E-ARR-1675	Construction of curb stone and side walk	5d	26-Nov-16	01-Dec-16
E-ARR-1680	Asphalt pavement on site and access road (7 cm), ¾" asphalt mix design including MC	2d	01-Dec-16	04-Dec-16
Testing, Training and Commissioning				
E-ARR-1520	Testing and Commissioning of Electrical and Control Systems and Equipment	7d	25-Oct-16	02-Nov-16
E-ARR-1630	Initial Testing (1st Stage) for Water Tightness	7d	24-Aug-16	01-Sep-16
E-ARR-5275	Testing, Adjusting, Cleaning, Disinfection, Commissioning, and Operator Instruction 2nd Stage	14d	27-Sep-16	13-Oct-16
E-ARR-5290	O&M Technical Manuals	20d	01-Sep-16	29-Sep-16
E-ARR-5300	Site inspection/ Support/ Start up	9d	02-Nov-16	13-Nov-16
E-ARR-5380	Training	7d	07-Nov-16	16-Nov-16
Kuferit Reservoir and Access Road				
Kuferit Reservoir - New Construction 500 m3 - At Grade				
Traffic Control Plan and Safety				
E-KFR-2000	Implement Safety measures and Traffic Control Plan	2d	27-Jan-16	28-Jan-16
E-KFR-2010	Maintain of Traffic Control Plan and Safety measures for Kuferit Reservoir	218d	30-Jan-16	02-Nov-16
Retaining Walls				
Retaining Wall from Station 02 to station 03 Length = 27.16 lm				
E-KFR-1820	Excavation for Foundation & Subgrade layer Compaction	2d	17-Mar-16	19-Mar-16
E-KFR-1830	Form/Steel Rebars for Foundation	4d	20-Mar-16	23-Mar-16
E-KFR-1840	Cast Concrete for Foundation	1d	24-Mar-16	24-Mar-16
E-KFR-1850	Concrete Curing & Isolation	7d	26-Mar-16	02-Apr-16
E-KFR-1860	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	10d	26-Mar-16	05-Apr-16
E-KFR-1870	Cast Reinforced Concrete for the Retaining Wall	1d	06-Apr-16	06-Apr-16
E-KFR-1880	Deshuttering & Curing	7d	07-Apr-16	14-Apr-16
E-KFR-1890	Furnish & Install Fence	2d	16-Apr-16	17-Apr-16
Retaining Wall from Station 03 to station 04 Length = 9.47 lm				
E-KFR-1740	Excavation for Foundation & Subgrade layer Compaction	2d	20-Mar-16	21-Mar-16
E-KFR-1750	Form/Steel Rebars for Foundation	4d	24-Mar-16	28-Mar-16
E-KFR-1760	Cast Concrete for Foundation	1d	29-Mar-16	29-Mar-16
E-KFR-1770	Concrete Curing & Isolation	7d	30-Mar-16	06-Apr-16
E-KFR-1780	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	5d	30-Mar-16	04-Apr-16
E-KFR-1790	Cast Reinforced Concrete for the Retaining Wall	1d	05-Apr-16	05-Apr-16



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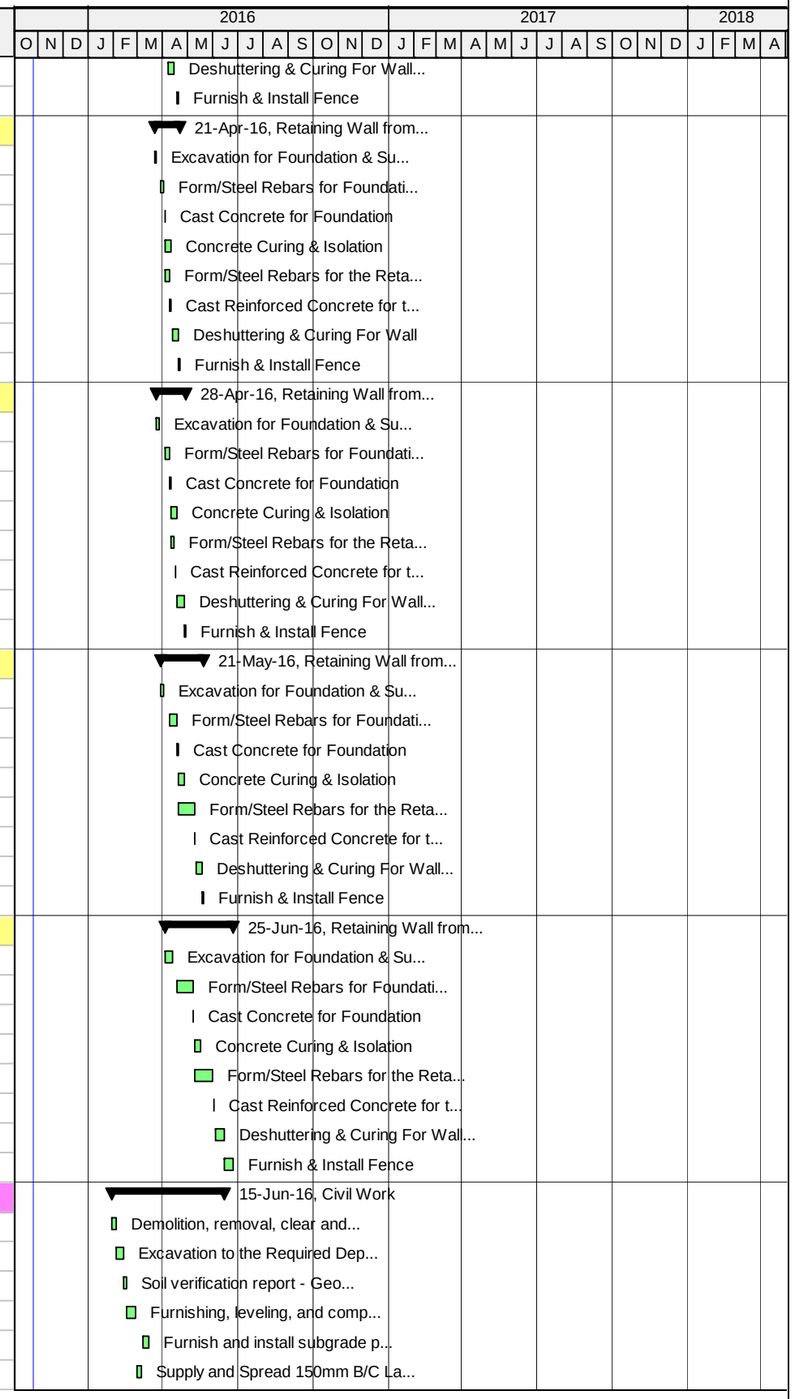
Activity ID	Activity Name	Original Duration	Start	Finish
E-KFR-1800	Deshuttering & Curing For Walls	7d	07-Apr-16	14-Apr-16
E-KFR-1810	Furnish & Install Fence	2d	18-Apr-16	19-Apr-16
Retaining Wall from Station 04 to station 05 Length = 9.24 lm				
E-KFR-1340	Excavation for Foundation & Subgrade layer Compaction	2d	22-Mar-16	23-Mar-16
E-KFR-1350	Form/Steel Rebars for Foundation	4d	29-Mar-16	02-Apr-16
E-KFR-1360	Cast Concrete for Foundation	1d	03-Apr-16	03-Apr-16
E-KFR-1370	Concrete Curing & Isolation	7d	04-Apr-16	11-Apr-16
E-KFR-1380	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	5d	04-Apr-16	09-Apr-16
E-KFR-1390	Cast Reinforced Concrete for the Retaining Wall	1d	10-Apr-16	10-Apr-16
E-KFR-1400	Deshuttering & Curing For Wall	7d	12-Apr-16	19-Apr-16
E-KFR-1410	Furnish & Install Fence	2d	20-Apr-16	21-Apr-16
Retaining Wall from Station 05 to station 06 Length = 8 lm				
E-KFR-1500	Excavation for Foundation & Subgrade layer Compaction	4d	24-Mar-16	28-Mar-16
E-KFR-1510	Form/Steel Rebars for Foundation	6d	03-Apr-16	09-Apr-16
E-KFR-1520	Cast Concrete for Foundation	1d	10-Apr-16	10-Apr-16
E-KFR-1530	Concrete Curing & Isolation	7d	11-Apr-16	18-Apr-16
E-KFR-1540	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	4d	11-Apr-16	14-Apr-16
E-KFR-1550	Cast Reinforced Concrete for the Retaining Wall	1d	16-Apr-16	16-Apr-16
E-KFR-1560	Deshuttering & Curing For Walls	7d	19-Apr-16	26-Apr-16
E-KFR-1570	Furnish & Install Fence	2d	27-Apr-16	28-Apr-16
Retaining Wall from Station 06 to station 07 Length = 22.9 lm				
E-KFR-1420	Excavation for Foundation & Subgrade layer Compaction	4d	29-Mar-16	02-Apr-16
E-KFR-1430	Form/Steel Rebars for Foundation	8d	10-Apr-16	18-Apr-16
E-KFR-1440	Cast Concrete for Foundation	1d	19-Apr-16	19-Apr-16
E-KFR-1450	Concrete Curing & Isolation	7d	20-Apr-16	27-Apr-16
E-KFR-1460	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	15d	20-Apr-16	09-May-16
E-KFR-1470	Cast Reinforced Concrete for the Retaining Wall	1d	10-May-16	10-May-16
E-KFR-1480	Deshuttering & Curing For Walls	7d	11-May-16	18-May-16
E-KFR-1490	Furnish & Install Fence	2d	19-May-16	21-May-16
Retaining Wall from Station 07 to station 01 Length = 44.14				
E-KFR-1580	Excavation for Foundation & Subgrade layer Compaction	10d	03-Apr-16	13-Apr-16
E-KFR-1590	Form/Steel Rebars for Foundation	14d	19-Apr-16	07-May-16
E-KFR-1600	Cast Concrete for Foundation	1d	08-May-16	08-May-16
E-KFR-1610	Concrete Curing & Isolation	7d	09-May-16	16-May-16
E-KFR-1620	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	21d	09-May-16	01-Jun-16
E-KFR-1630	Cast Reinforced Concrete for the Retaining Wall	1d	02-Jun-16	02-Jun-16
E-KFR-1640	Deshuttering & Curing For Walls	7d	04-Jun-16	15-Jun-16
E-KFR-1650	Furnish & Install Fence	5d	15-Jun-16	25-Jun-16
Civil Work				
E-KFR-2015	Demolition, removal, clear and grub site, Site Grading and Preparation	5d	30-Jan-16	03-Feb-16
E-KFR-2016	Excavation to the Required Depth for the Base slab	8d	04-Feb-16	13-Feb-16
E-KFR-2020	Soil verification report - Geotechnical report	3d	14-Feb-16	16-Feb-16
E-KFR-2025	Furnishing, leveling, and compacting of subgrade layer	8d	17-Feb-16	28-Feb-16
E-KFR-2026	Furnish and install subgrade piping (Washout drainage pipe and other pipes)	8d	07-Mar-16	15-Mar-16
E-KFR-2030	Supply and Spread 150mm B/C Layers With Compaction Test & under ground Piping & Perforated Pipes	6d	29-Feb-16	06-Mar-16



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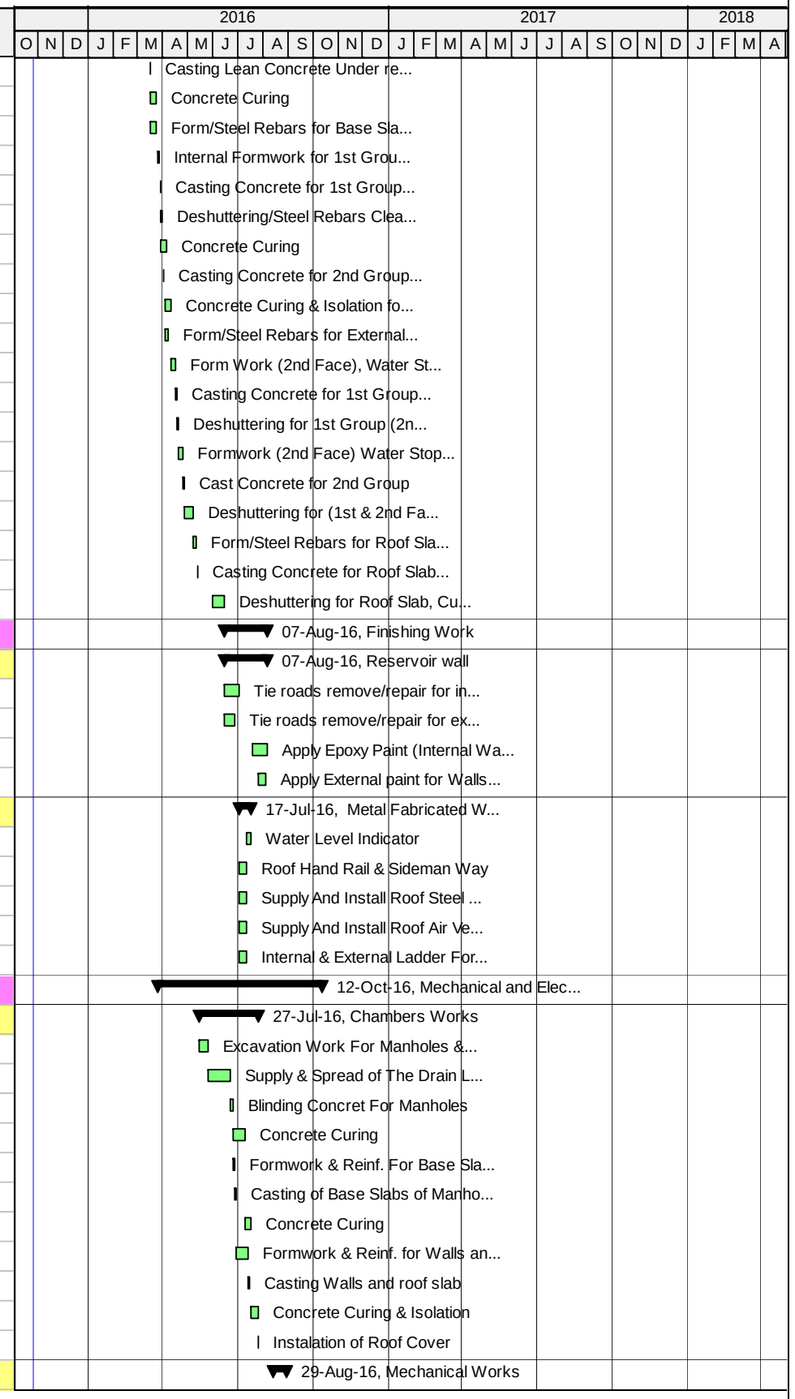
Activity ID	Activity Name	Original Duration	Start	Finish
E-KFR-2040	Casting Lean Concrete Under reservoir	1d	16-Mar-16	16-Mar-16
E-KFR-2050	Concrete Curing	7d	17-Mar-16	24-Mar-16
E-KFR-2060	Form/Steel Rebars for Base Slab and Installing Water Stop	7d	17-Mar-16	24-Mar-16
E-KFR-2070	Internal Formwork for 1st Group Ring Foundation (Costruction Joints)	3d	26-Mar-16	28-Mar-16
E-KFR-2080	Casting Concrete for 1st Group Ring Foundation	1d	29-Mar-16	29-Mar-16
E-KFR-2090	Deshuttering/Steel Rebars Cleaning	2d	30-Mar-16	31-Mar-16
E-KFR-2100	Concrete Curing	7d	30-Mar-16	06-Apr-16
E-KFR-2110	Casting Concrete for 2nd Group Base Slab	1d	02-Apr-16	02-Apr-16
E-KFR-2120	Concrete Curing & Isolation for Under Ground Elements	7d	03-Apr-16	10-Apr-16
E-KFR-2130	Form/Steel Rebars for External Wall & Middle Column Foundation (1st Face) With Seismec Cans Installation	5d	03-Apr-16	07-Apr-16
E-KFR-2140	Form Work (2nd Face), Water Stop installation 1st Group	5d	11-Apr-16	16-Apr-16
E-KFR-2150	Casting Concrete for 1st Group of walls	1d	17-Apr-16	17-Apr-16
E-KFR-2160	Deshuttering for 1st Group (2nd face) & Curing For Walls	2d	18-Apr-16	19-Apr-16
E-KFR-2170	Formwork (2nd Face) Water Stop installation 2nd Group & Form/Steel for Middle Column/With Seismec Cans Installation	5d	20-Apr-16	25-Apr-16
E-KFR-2180	Cast Concrete for 2nd Group	1d	26-Apr-16	26-Apr-16
E-KFR-2190	Deshuttering for (1st & 2nd Face) & Curing For Walls	7d	27-Apr-16	07-May-16
E-KFR-2200	Form/Steel Rebars for Roof Slab	5d	08-May-16	12-May-16
E-KFR-2210	Casting Concrete for Roof Slab & Mechanical Finishing	1d	14-May-16	14-May-16
E-KFR-2220	Deshuttering for Roof Slab, Curing & Cleaning RSV	10d	31-May-16	15-Jun-16
Finishing Work				
Reservoir wall				
E-KFR-2900	Tie roads remove/repair for internal walls	9d	15-Jun-16	02-Jul-16
E-KFR-3000	Tie roads remove/repair for externl walls	7d	15-Jun-16	28-Jun-16
E-KFR-3010	Apply Epoxy Paint (Internal Walls) & Base	15d	20-Jul-16	07-Aug-16
E-KFR-3020	Apply External paint for Walls & Roof Slab	7d	27-Jul-16	04-Aug-16
Metal Fabricated Works				
E-KFR-1050	Water Level Indicator	5d	11-Jul-16	17-Jul-16
E-KFR-1060	Roof Hand Rail & Sideman Way	5d	02-Jul-16	12-Jul-16
E-KFR-1070	Supply And Install Roof Steel Cover	4d	02-Jul-16	11-Jul-16
E-KFR-1080	Supply And Install Roof Air Vents	5d	02-Jul-16	12-Jul-16
E-KFR-3030	Internal & External Ladder For RSV	4d	02-Jul-16	11-Jul-16
Mechanical and Electrical Work				
Chambers Works				
E-KFR-1090	Excavation Work For Manholes & Pipelines In Yard	10d	15-May-16	25-May-16
E-KFR-1100	Supply & Spread of The Drain Layer For Manholes	18d	26-May-16	22-Jun-16
E-KFR-1110	Blinding Concret For Manholes	1d	22-Jun-16	25-Jun-16
E-KFR-1120	Concrete Curing	7d	25-Jun-16	10-Jul-16
E-KFR-1130	Formwork & Reinf. For Base Slab	2d	25-Jun-16	28-Jun-16
E-KFR-1140	Casting of Base Slabs of Manholes	1d	28-Jun-16	30-Jun-16
E-KFR-1150	Concrete Curing	7d	10-Jul-16	18-Jul-16
E-KFR-1160	Formwork & Reinf. for Walls and roof slab	8d	30-Jun-16	14-Jul-16
E-KFR-1170	Casting Walls and roof slab	1d	14-Jul-16	16-Jul-16
E-KFR-1180	Concrete Curing & Isolation	7d	18-Jul-16	26-Jul-16
E-KFR-1190	Instalation of Roof Cover	1d	26-Jul-16	27-Jul-16
Mechanical Works				



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

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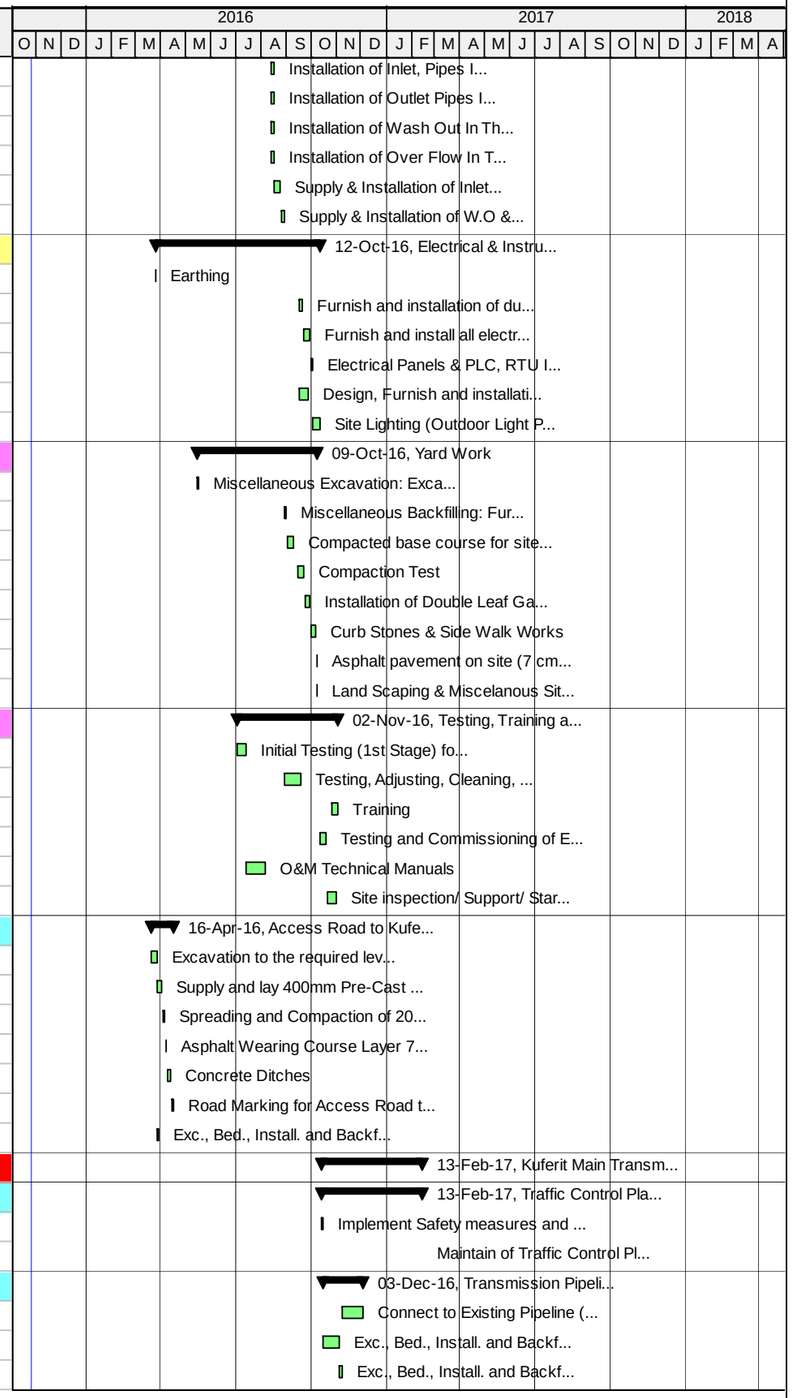
Activity ID	Activity Name	Original Duration	Start	Finish
E-KFR-1200	Installation of Inlet, Pipes In The Yard	4d	14-Aug-16	17-Aug-16
E-KFR-1210	Installation of Outlet Pipes In The Yard	4d	14-Aug-16	17-Aug-16
E-KFR-1220	Installation of Wash Out In The Yard	4d	14-Aug-16	17-Aug-16
E-KFR-1230	Installation of Over Flow In The Yard	4d	14-Aug-16	17-Aug-16
E-KFR-1240	Supply & Installation of Inlet & Outlet Fittings	7d	18-Aug-16	25-Aug-16
E-KFR-1250	Supply & Installation of W.O & Overflow Fittings	3d	27-Aug-16	29-Aug-16
Electrical & Instrumentation Works				
E-KFR-1260	Earthing	1d	26-Mar-16	26-Mar-16
E-KFR-1270	Furnish and installation of duct banks and pre-cast pullbox	5d	17-Sep-16	21-Sep-16
E-KFR-1280	Furnish and install all electrical conduit, cable, equipment, Electrical Manhole	7d	22-Sep-16	29-Sep-16
E-KFR-1290	Electrical Panels & PLC, RTU Instrumentation with Field Wiring & System Programing	3d	01-Oct-16	03-Oct-16
E-KFR-1300	Design, Furnish and installation of Lightning Protection and Grounding System	10d	17-Sep-16	27-Sep-16
E-KFR-1310	Site Lighting (Outdoor Light Poles with Lighting Fixtures)	8d	04-Oct-16	12-Oct-16
Yard Work				
E-KFR-1900	Miscellaneous Excavation: Excavate to the required depth as per design drawings	3d	15-May-16	17-May-16
E-KFR-1920	Miscellaneous Backfilling: Furnishing, leveling, and compaction of selected fill for subgrade layer	3d	30-Aug-16	01-Sep-16
E-KFR-1930	Compacted base course for site grading, 200 mm layer	7d	03-Sep-16	10-Sep-16
E-KFR-1940	Compaction Test	7d	15-Sep-16	22-Sep-16
E-KFR-1950	Installation of Double Leaf Gate Access gate	6d	24-Sep-16	29-Sep-16
E-KFR-1960	Curb Stones & Side Walk Works	6d	01-Oct-16	06-Oct-16
E-KFR-1980	Asphalt pavement on site (7 cm), ¾" asphalt mix design including MC	2d	08-Oct-16	09-Oct-16
E-KFR-1990	Land Scaping & Miscelanous Site Appurtances	2d	08-Oct-16	09-Oct-16
Testing, Training and Commissioning				
E-KFR-1330	Initial Testing (1st Stage) for Water Tightness	7d	02-Jul-16	14-Jul-16
E-KFR-5275	Testing, Adjusting, Cleaning, Disinfection, Commissioning, and Operator Instruction 2nd Stage	14d	30-Aug-16	19-Sep-16
E-KFR-5280	Training	7d	26-Oct-16	02-Nov-16
E-KFR-5285	Testing and Commissioning of Electrical and Control Systems and Equipment	7d	13-Oct-16	20-Oct-16
E-KFR-5290	O&M Technical Manuals	20d	14-Jul-16	07-Aug-16
E-KFR-5300	Site inspection/ Support/ Start up	9d	22-Oct-16	31-Oct-16
Access Road to Kuferit Reservoir (170 m of two-lane road with shoulder)				
E-KFR-1000	Excavation to the required level for Access Road to Kuferit Reservoir from Station 0+000 to Station 0+170	7d	20-Mar-16	27-Mar-16
E-KFR-1010	Supply and lay 400mm Pre-Cast Concrete Pipe Connection joint precast	5d	28-Mar-16	02-Apr-16
E-KFR-1020	Spreading and Compaction of 20cm Base Course for Access Road to Kuferit Reservoir from Station 0+000 to Station 0+1	4d	03-Apr-16	06-Apr-16
E-KFR-1030	Asphalt Wearing Course Layer 7cm for Access Road to Kuferit Reservoir from Station 0+000 to Station 0+170 including M	1d	07-Apr-16	07-Apr-16
E-KFR-1035	Concrete Ditches	5d	09-Apr-16	13-Apr-16
E-KFR-1040	Road Marking for Access Road to Ajja Reservoir from Station 0+000 to Station 0+170	2d	14-Apr-16	16-Apr-16
E-YKT-1160	Exc., Bed., Install. and Backfill. 150mm Kuferit Force Line from St. 2+300 to St. 2+463	2d	28-Mar-16	29-Mar-16
Kuferit Main Transmission Pipeline - Yabad Junction to Kuferit Reservoir (150mm x 2.4 km)				
Traffic Control Plan and Safety				
SWJ-TCP-1380	Implement Safety measures and Traffic Control Plan for Zone 02	2d	13-Oct-16	16-Oct-16
SWJ-TCP-1390	Maintain of Traffic Control Plan and Safety measures for Zone 02	92d	16-Oct-16	13-Feb-17
Transmission Pipeline				
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	08-Nov-16	03-Dec-16
E-YKT-1010	Exc., Bed., Install. and Backfill. 150mm Kuferit Force Line from St. 0+030 to St. 2+000	17d	16-Oct-16	05-Nov-16
E-YKT-1015	Exc., Bed., Install. and Backfill. 150mm Kuferit Force Line from St. 2+000 to St. 2+300	3d	05-Nov-16	08-Nov-16



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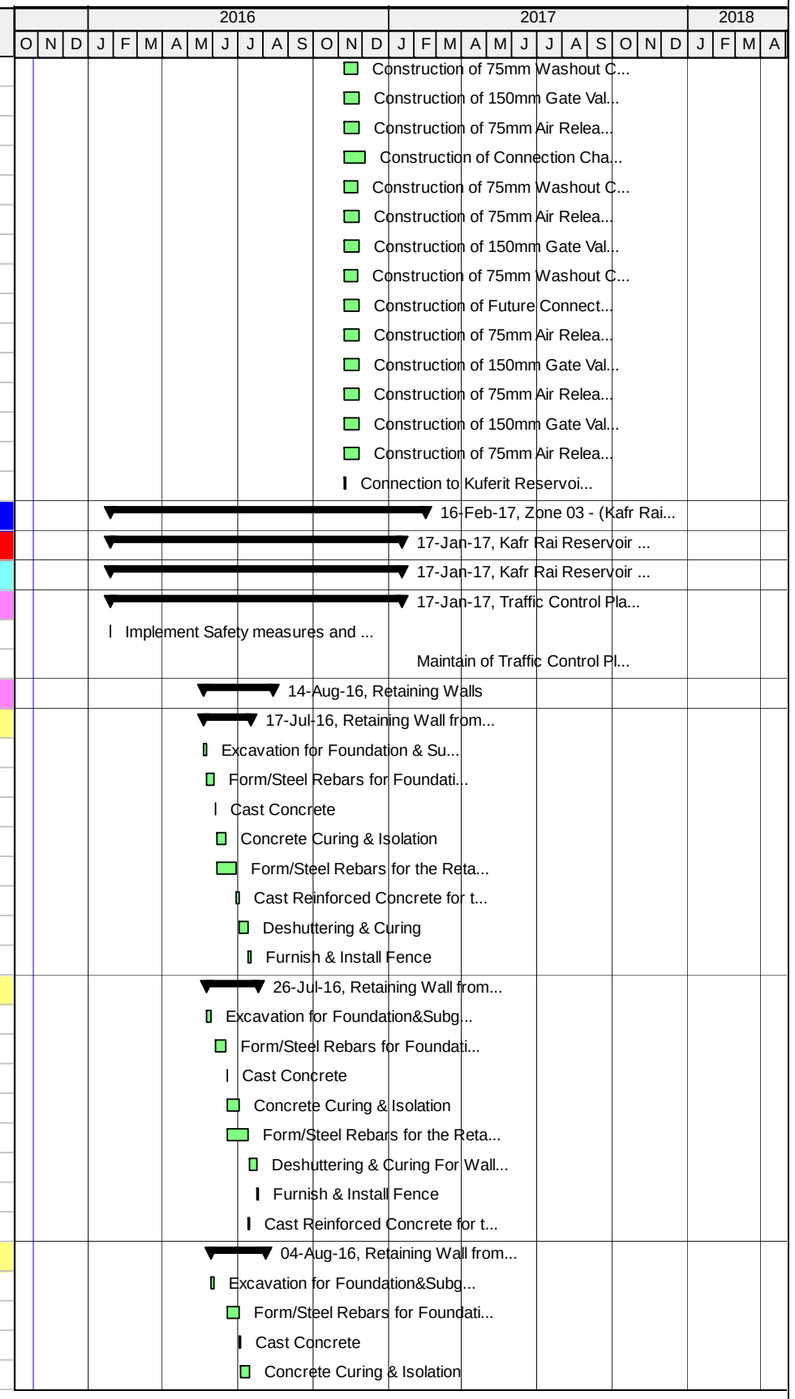
Activity ID	Activity Name	Original Duration	Start	Finish
E-YKT-1020	Construction of 75mm Washout Chamber at station 0+035 on 150mm pipe	13d	08-Nov-16	24-Nov-16
E-YKT-1030	Construction of 150mm Gate Valve Chamber at Station 0+500	15d	08-Nov-16	27-Nov-16
E-YKT-1040	Construction of 75mm Air Release Valve Chamber at station 0+542 on 150mm pipe	15d	08-Nov-16	27-Nov-16
E-YKT-1050	Construction of Connection Chamber at station 0+618 on 150mm pipe (CHF-122)	20d	08-Nov-16	03-Dec-16
E-YKT-1060	Construction of 75mm Washout Chamber at station 0+700 on 150mm pipe	13d	08-Nov-16	24-Nov-16
E-YKT-1070	Construction of 75mm Air Release Valve Chamber at station 0+945 on 150mm pipe	15d	08-Nov-16	27-Nov-16
E-YKT-1080	Construction of 150mm Gate Valve Chamber at Station 1+205	15d	08-Nov-16	27-Nov-16
E-YKT-1090	Construction of 75mm Washout Chamber at station 1+210 on 150mm pipe	13d	08-Nov-16	24-Nov-16
E-YKT-1095	Construction of Future Connection to Kufiret Well (150mm Gate Valve at Station 1+220)	15d	08-Nov-16	27-Nov-16
E-YKT-1100	Construction of 75mm Air Release Valve Chamber at station 1+280 on 150mm pipe	15d	08-Nov-16	27-Nov-16
E-YKT-1110	Construction of 150mm Gate Valve Chamber at Station 1+500	15d	08-Nov-16	27-Nov-16
E-YKT-1120	Construction of 75mm Air Release Valve Chamber at station 1+765 on 150mm pipe	15d	08-Nov-16	27-Nov-16
E-YKT-1130	Construction of 150mm Gate Valve Chamber at Station 2+000	15d	08-Nov-16	27-Nov-16
E-YKT-1140	Construction of 75mm Air Release Valve Chamber at station 2+165 on 150mm pipe	15d	08-Nov-16	27-Nov-16
E-YKT-1150	Connection to Kuferit Reservoir	2d	08-Nov-16	10-Nov-16
Zone 03 - (Kafr Rai and Ajja)				
Kafr Rai Reservoir and Access Road				
Kafr Rai Reservoir - New Construction 1,000 m3 At Grade				
Traffic Control Plan and Safety				
E-KRR-1720	Implement Safety measures and Traffic Control Plan for Kafr Rai Reservoir	2d	27-Jan-16	28-Jan-16
E-KRR-1730	Maintain of Traffic Control Plan and Safety measures for Kafr Rai Reservoir	275d	30-Jan-16	17-Jan-17
Retaining Walls				
Retaining Wall from Station 01 to station 04 Length = 35 lm				
E-KRR-2410	Excavation for Foundation & Subgrade layer Compaction	4d	21-May-16	24-May-16
E-KRR-2420	Form/Steel Rebars for Foundation	8d	25-May-16	02-Jun-16
E-KRR-2430	Cast Concrete	1d	04-Jun-16	04-Jun-16
E-KRR-2440	Concrete Curing & Isolation	7d	05-Jun-16	16-Jun-16
E-KRR-2450	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	05-Jun-16	30-Jun-16
E-KRR-2460	Cast Reinforced Concrete for the Retaining Wall	1d	30-Jun-16	02-Jul-16
E-KRR-2470	Deshuttering & Curing	7d	02-Jul-16	14-Jul-16
E-KRR-2480	Furnish & Install Fence	2d	14-Jul-16	17-Jul-16
Retaining Wall from Station 04 to station 03 Length = 36 lm				
E-KRR-2490	Excavation for Foundation&Subgrade layer Compaction	4d	25-May-16	29-May-16
E-KRR-2500	Form/Steel Rebars for Foundation	8d	04-Jun-16	16-Jun-16
E-KRR-2510	Cast Concrete	1d	18-Jun-16	19-Jun-16
E-KRR-2520	Concrete Curing & Isolation	7d	19-Jun-16	02-Jul-16
E-KRR-2530	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	19-Jun-16	14-Jul-16
E-KRR-2540	Deshuttering & Curing For Walls	7d	16-Jul-16	24-Jul-16
E-KRR-2550	Furnish & Install Fence	2d	24-Jul-16	26-Jul-16
E-KRR-2560	Cast Reinforced Concrete for the Retaining Wall	1d	14-Jul-16	16-Jul-16
Retaining Wall from Station 02 to station 03 Length = 30 lm				
E-KRR-2650	Excavation for Foundation&Subgrade layer Compaction	4d	30-May-16	02-Jun-16
E-KRR-2660	Form/Steel Rebars for Foundation	8d	18-Jun-16	02-Jul-16
E-KRR-2670	Cast Concrete	1d	02-Jul-16	04-Jul-16
E-KRR-2680	Concrete Curing & Isolation	7d	04-Jul-16	16-Jul-16



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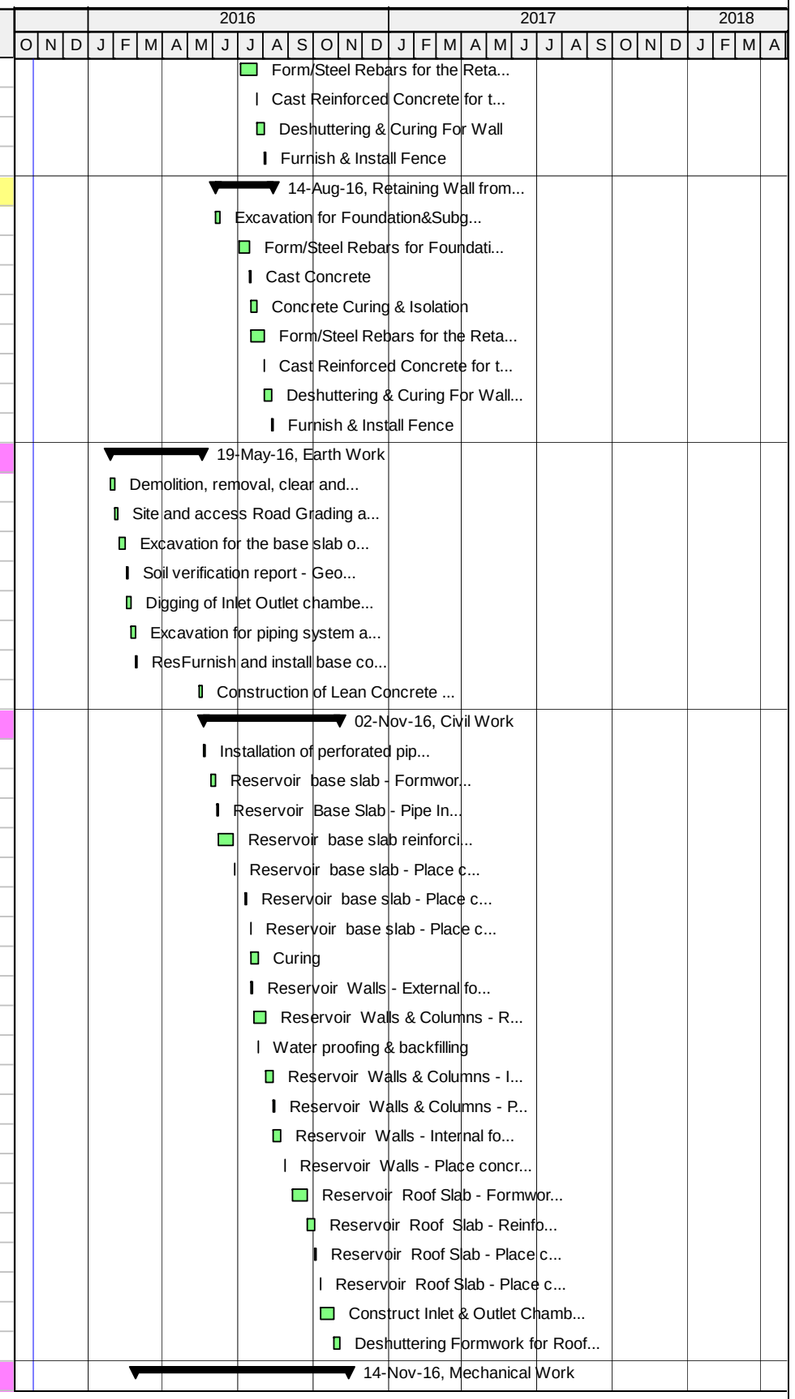
Activity ID	Activity Name	Original Duration	Start	Finish
E-KRR-2690	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	04-Jul-16	24-Jul-16
E-KRR-2700	Cast Reinforced Concrete for the Retaining Wall	1d	24-Jul-16	25-Jul-16
E-KRR-2710	Deshuttering & Curing For Wall	7d	25-Jul-16	02-Aug-16
E-KRR-2720	Furnish & Install Fence	2d	02-Aug-16	04-Aug-16
Retaining Wall from Station 01 to station 02 Length = 8 lm				
E-KRR-3000	Excavation for Foundation&Subgrade layer Compaction	4d	04-Jun-16	09-Jun-16
E-KRR-3005	Form/Steel Rebars for Foundation	8d	02-Jul-16	16-Jul-16
E-KRR-3010	Cast Concrete	1d	16-Jul-16	17-Jul-16
E-KRR-3015	Concrete Curing & Isolation	7d	17-Jul-16	25-Jul-16
E-KRR-3020	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	17-Jul-16	02-Aug-16
E-KRR-3025	Cast Reinforced Concrete for the Retaining Wall	1d	02-Aug-16	03-Aug-16
E-KRR-3030	Deshuttering & Curing For Walls	7d	03-Aug-16	11-Aug-16
E-KRR-3035	Furnish & Install Fence	2d	11-Aug-16	14-Aug-16
Earth Work				
E-KRR-1710	Demolition, removal, clear and grub site	5d	28-Jan-16	02-Feb-16
E-KRR-1810	Site and access Road Grading and Preparation	3d	03-Feb-16	06-Feb-16
E-KRR-1820	Excavation for the base slab of the Reservoir & Inlet Outlet Chamber	8d	07-Feb-16	15-Feb-16
E-KRR-1825	Soil verification report - Geotechnical report	3d	16-Feb-16	18-Feb-16
E-KRR-1830	Digging of Inlet Outlet chamber (S-RVV01)	4d	16-Feb-16	22-Feb-16
E-KRR-1840	Excavation for piping system and Furnishing, leveling, and compacting of subgrade layer	4d	23-Feb-16	27-Feb-16
E-KRR-1860	ResFurnish and install base course (150mm in depth) under base slab	2d	28-Feb-16	29-Feb-16
E-KRR-1870	Construction of Lean Concrete under foundation of Reservoir	5d	15-May-16	19-May-16
Civil Work				
E-KRR-1880	Installation of perforated pipes	3d	21-May-16	23-May-16
E-KRR-1890	Reservoir base slab - Formwork	5d	30-May-16	04-Jun-16
E-KRR-1900	Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and other pipes)	2d	05-Jun-16	08-Jun-16
E-KRR-1910	Reservoir base slab reinforcing steel & water stop installation	10d	08-Jun-16	26-Jun-16
E-KRR-1930	Reservoir base slab - Place concrete (Stage 1)	1d	27-Jun-16	28-Jun-16
E-KRR-1960	Reservoir base slab - Place concrete (Stage 2)	1d	10-Jul-16	11-Jul-16
E-KRR-1970	Reservoir base slab - Place concrete (Stage 3) - Footing of Columns	1d	17-Jul-16	18-Jul-16
E-KRR-1990	Curing	7d	18-Jul-16	26-Jul-16
E-KRR-2000	Reservoir Walls - External formwork	2d	18-Jul-16	20-Jul-16
E-KRR-2010	Reservoir Walls & Columns - Reinforcing steel & vertical water stop installation	12d	21-Jul-16	04-Aug-16
E-KRR-2020	Water proofing & backfilling	1d	26-Jul-16	27-Jul-16
E-KRR-2030	Reservoir Walls & Columns - Internal formwork - (Stage 1)	8d	04-Aug-16	14-Aug-16
E-KRR-2040	Reservoir Walls & Columns - Place concrete (Stage 1)	1d	14-Aug-16	15-Aug-16
E-KRR-2050	Reservoir Walls - Internal formwork - (Stage 2-Walls 2,4,6 & 8)	8d	14-Aug-16	23-Aug-16
E-KRR-2060	Reservoir Walls - Place concrete (Stage 2)	1d	27-Aug-16	28-Aug-16
E-KRR-2070	Reservoir Roof Slab - Formwork	12d	05-Sep-16	24-Sep-16
E-KRR-2090	Reservoir Roof Slab - Reinforcing steel & Constuction Joints Installation	8d	24-Sep-16	03-Oct-16
E-KRR-2100	Reservoir Roof Slab - Place concrete (Stage 1-Part A & C)	1d	03-Oct-16	04-Oct-16
E-KRR-2110	Reservoir Roof Slab - Place concrete (Stage 2-Part B & D)	1d	10-Oct-16	11-Oct-16
E-KRR-2140	Construct Inlet & Outlet Chambers (Valve Vault)	13d	11-Oct-16	26-Oct-16
E-KRR-2170	Deshuttering Formwork for Roof Slab	5d	27-Oct-16	02-Nov-16
Mechanical Work				



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Activity ID	Activity Name	Original Duration	Start	Finish
E-KRR-1850	Pipe Encasement - RC where needed	2d	28-Feb-16	29-Feb-16
E-KRR-2220	Install buried & Non buried steel pipes & fittings- Outlet	5d	26-Oct-16	01-Nov-16
E-KRR-2230	Install buried steel pipes & fittings - Washout	5d	01-Nov-16	07-Nov-16
E-KRR-2260	Install buried & Non buried steel pipes & fittings - Inlet	3d	07-Nov-16	10-Nov-16
E-KRR-2270	Install buried steel pipes & fittings - Overflow	3d	10-Nov-16	14-Nov-16
Electrical Work				
E-KRR-1920	Installing Earthing System	5d	27-Jun-16	09-Jul-16
E-KRR-2130	Duct Bank & manholes construction and pre-cast pullbox	16d	11-Oct-16	30-Oct-16
E-KRR-2280	Furnish and install all electrical conduit, cable, equipment, and other miscellaneous electrical elements.	5d	30-Oct-16	05-Nov-16
E-KRR-2290	Furnish and installation of RTU, RTU Panel and breaker Panel	5d	05-Nov-16	10-Nov-16
E-KRR-2300	Cables termination	6d	10-Nov-16	19-Nov-16
E-KRR-2310	Cable testing & meggaring	3d	19-Nov-16	22-Nov-16
E-KRR-2320	Install control system software	10d	22-Nov-16	04-Dec-16
E-KRR-2340	Installation of Instruments for the site and its facilities and Structures per section 13500A	6d	04-Dec-16	11-Dec-16
E-KRR-2350	SCADA head end integration and programming for the site and its facilities	7d	11-Dec-16	21-Dec-16
E-KRR-5265	Installation of Lightning Protection and Grounding System and Light Poles	10d	05-Dec-16	19-Dec-16
E-KRR-5275	Construct Bases for external power lighting	21d	09-Nov-16	05-Dec-16
Finishing Work				
E-KRR-1980	Installation of Sliding Gate as shown on detail C-118 Sheet C-DT12	1d	12-Oct-16	13-Oct-16
E-KRR-2080	Repair & applying external paint for the reservoir	14d	08-Sep-16	29-Sep-16
E-KRR-2120	Fixing Roof Ventilation	1d	11-Oct-16	12-Oct-16
E-KRR-2150	Installing Hand Rail	2d	19-Oct-16	22-Oct-16
E-KRR-2160	Fixing external ladder	1d	22-Oct-16	23-Oct-16
E-KRR-2190	Install water level indicator & Access Cover	3d	02-Nov-16	06-Nov-16
E-KRR-2200	Repair of Internal Walls	10d	02-Nov-16	14-Nov-16
E-KRR-2210	Install steel pipes inside reservoir - Outlet	5d	02-Nov-16	08-Nov-16
E-KRR-2240	Fixing internal stainless steel access ladder	1d	14-Nov-16	16-Nov-16
E-KRR-2330	Applying internal epoxy paint for the reservoir	6d	04-Dec-16	11-Dec-16
Yard work				
E-KRR-2370	Miscellaneous Excavation: Excavate to the required depth as per design drawings	6d	26-Oct-16	02-Nov-16
E-KRR-2380	Miscellaneous Backfilling: Furnishing, leveling, and compaction of selected fill for subgrade layer	6d	02-Nov-16	09-Nov-16
E-KRR-2390	Compacted base course for site and access road grading, 200 mm layer	5d	09-Nov-16	16-Nov-16
E-KRR-2400	Asphalt pavement on site and access road (7 cm), ¾" asphalt mix design including MC	2d	11-Dec-16	13-Dec-16
E-KRR-2890	Construction of Curb Stone and Sidewalk	3d	16-Nov-16	20-Nov-16
Testing, Training and Commissioning				
E-KRR-2250	Initial Testing (1st Stage) for Water Tightness	15d	16-Nov-16	04-Dec-16
E-KRR-2255	Testing, Adjusting, Cleaning, Disinfection, Commissioning, and Operator Instruction 2nd Stage	14d	04-Dec-16	22-Dec-16
E-KRR-2263	Testing and Commissioning of Electrical and Control Systems and Equipment	7d	21-Dec-16	31-Dec-16
E-KRR-2267	Site inspection/ Support/ Start up	9d	31-Dec-16	15-Jan-17
E-KRR-2268	Training	7d	05-Jan-17	17-Jan-17
E-MTR-5290	O&M Technical Manuals	20d	04-Dec-16	31-Dec-16
Access Road to Kufr Rai Reservoir (62 m of two-lane road with shoulder)				
E-KRR-1700	Excavation to the required level for Access Road to Kufr Rai Reservoir	4d	21-May-16	24-May-16
E-KRR-1740	Exc., Bed., Install. and Backfill. 250mm Kufr Rai Outlet Pipeline from St. 0+000 to St. 0+062	2d	25-May-16	26-May-16
E-KRR-1750	Exc., Bed., Install. and Backfill. 250mm Kufr Rai Inlet Pipeline from St. 0+000 to St. 0+062	2d	25-May-16	26-May-16

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Activity ID	Activity Name	Original Duration	Start	Finish
E-KRR-1760	Connection of Kufr Rai Outlet Pipeline to the existing Outlet Pipeline	2d	28-May-16	29-May-16
E-KRR-1770	Connection of Kufr Rai Inlet Pipeline to the existing Pipeline	2d	28-May-16	29-May-16
E-KRR-1780	Spreading and Compaction of 20cm Base Course for Access Road to Kufr Rai Reservoir from Station 0+000 to Station 0+	3d	30-May-16	01-Jun-16
E-KRR-1790	Asphalt Wearing Course Layer 7cm for Access Road to Kufr Rai Reservoir from Station 0+000 to Station 0+062 including	1d	02-Jun-16	02-Jun-16
E-KRR-1800	Road Marking for Access Road to Kufr Rai Reservoir from Station 0+000 to Station 0+062	1d	04-Jun-16	04-Jun-16
Ajja Reservoir and Access Road				
Ajja Reservoir - New Construction 1000 m3 At Grade				
Traffic Control Plan and Safety				
E-AJR-1670	Implement Safety measures and Traffic Control Plan for Kafr Rai Reservoir	2d	30-Jan-16	31-Jan-16
E-AJR-1680	Maintain of Traffic Control Plan and Safety measures for Kafr Rai Reservoir	280d	01-Feb-16	25-Jan-17
Retaining Walls				
Retaining Wall from Station 01 to station 04 Length = 35 lm				
E-AJR-1700	Excavation for Foundation & Subgrade layer Compaction	4d	26-Jul-16	31-Jul-16
E-AJR-1710	Form/Steel Rebars for Foundation	8d	31-Jul-16	09-Aug-16
E-AJR-1720	Cast Concrete	1d	09-Aug-16	10-Aug-16
E-AJR-1730	Concrete Curing & Isolation	7d	10-Aug-16	18-Aug-16
E-AJR-1740	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	10-Aug-16	27-Aug-16
E-AJR-1750	Cast Reinforced Concrete for the Retaining Wall	1d	27-Aug-16	28-Aug-16
E-AJR-1760	Deshuttering & Curing	7d	28-Aug-16	05-Sep-16
E-AJR-1770	Furnish & Install Fence	2d	05-Sep-16	07-Sep-16
Retaining Wall from Station 04 to station 03 Length = 36 lm				
E-AJR-1780	Excavation for Foundation&Subgrade layer Compaction	4d	31-Jul-16	04-Aug-16
E-AJR-1790	Form/Steel Rebars for Foundation	8d	09-Aug-16	18-Aug-16
E-AJR-1800	Cast Concrete	1d	18-Aug-16	20-Aug-16
E-AJR-1810	Concrete Curing & Isolation	7d	20-Aug-16	28-Aug-16
E-AJR-1820	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	20-Aug-16	05-Sep-16
E-AJR-1830	Deshuttering & Curing For Walls	7d	06-Sep-16	19-Sep-16
E-AJR-1840	Furnish & Install Fence	2d	19-Sep-16	21-Sep-16
E-AJR-1850	Cast Reinforced Concrete for the Retaining Wall	1d	05-Sep-16	06-Sep-16
Retaining Wall from Station 02 to station 03 Length = 30 lm				
E-AJR-1860	Excavation for Foundation&Subgrade layer Compaction	4d	04-Aug-16	09-Aug-16
E-AJR-1870	Form/Steel Rebars for Foundation	8d	18-Aug-16	28-Aug-16
E-AJR-1880	Cast Concrete	1d	28-Aug-16	29-Aug-16
E-AJR-1890	Concrete Curing & Isolation	7d	29-Aug-16	06-Sep-16
E-AJR-1900	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	29-Aug-16	19-Sep-16
E-AJR-1910	Cast Reinforced Concrete for the Retaining Wall	1d	19-Sep-16	20-Sep-16
E-AJR-1920	Deshuttering & Curing For Wall	7d	20-Sep-16	28-Sep-16
E-AJR-1930	Furnish & Install Fence	2d	28-Sep-16	01-Oct-16
Retaining Wall from Station 01 to station 02 Length = 8 lm				
E-AJR-1940	Cast Concrete	1d	06-Sep-16	07-Sep-16
E-AJR-1950	Concrete Curing & Isolation	7d	07-Sep-16	20-Sep-16
E-AJR-1960	Excavation for Foundation&Subgrade layer Compaction	4d	09-Aug-16	14-Aug-16
E-AJR-1970	Form/Steel Rebars for Foundation	8d	28-Aug-16	06-Sep-16
E-AJR-1980	Cast Reinforced Concrete for the Retaining Wall	1d	28-Sep-16	29-Sep-16
E-AJR-1990	Deshuttering & Curing For Walls	7d	29-Sep-16	08-Oct-16

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Activity ID	Activity Name	Original Duration	Start	Finish
E-AJR-2000	Furnish & Install Fence	2d	08-Oct-16	10-Oct-16
E-AJR-2010	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	07-Sep-16	28-Sep-16
Earth Work				
E-AJR-1410	Demolition, removal, clear and grub site	15d	30-Jan-16	15-Feb-16
E-AJR-1420	Site Grading and Preparation	12d	16-Feb-16	02-Mar-16
E-AJR-1430	Excavation for the base slab of the Reservoir & Inlet Outlet Chamber	8d	03-Mar-16	12-Mar-16
E-AJR-1435	Soil verification report - Geotechnical report	3d	13-Mar-16	15-Mar-16
E-AJR-1440	Compacted base course for site grading, 200 mm layer	2d	22-Mar-16	23-Mar-16
E-AJR-1460	Furnishing, leveling, and compacting of subgrade layer and Excavation for piping system (Perforated, Outlet & Washout)	4d	17-Mar-16	21-Mar-16
E-AJR-1550	Digging of Inlet Outlet chamber (S-RVV01)	4d	13-Mar-16	16-Mar-16
E-AJR-1690	Construction of Lean Concrete under Reservoir	5d	20-Jul-16	26-Jul-16
Civil Work				
E-AJR-1320	Reservoir base slab - Formwork	5d	28-Jul-16	03-Aug-16
E-AJR-1330	Reservoir base slab - Place concrete (Stage 1)	1d	15-Aug-16	16-Aug-16
E-AJR-1340	Reservoir Walls & Columns - Reinforcing steel & vertical water stop installation	12d	22-Aug-16	05-Sep-16
E-AJR-1350	Reservoir Walls & Columns - Internal formwork - (Stage 1)	8d	25-Aug-16	04-Sep-16
E-AJR-1360	Reservoir Walls & Columns - Place concrete (Stage 1)	1d	05-Sep-16	06-Sep-16
E-AJR-1370	Reservoir Roof Slab - Formwork	10d	19-Sep-16	01-Oct-16
E-AJR-1380	Reservoir Roof Slab - Reinforcing steel & Constuction Joints Installation	8d	01-Oct-16	10-Oct-16
E-AJR-1390	Reservoir Roof Slab - Place concrete (Stage 1-Part A & C)	1d	10-Oct-16	11-Oct-16
E-AJR-1450	Installation of perforated pipes	2d	26-Jul-16	28-Jul-16
E-AJR-1470	Reservoir Roof Slab - Place concrete (Stage 2-Part B & D)	1d	11-Oct-16	12-Oct-16
E-AJR-1540	Reservoir Walls - Place concrete (Stage 2)	1d	18-Sep-16	19-Sep-16
E-AJR-1560	Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and Other Pipes)	2d	03-Aug-16	06-Aug-16
E-AJR-1570	Reservoir base slab reinforcing steel & water stop installation	8d	06-Aug-16	15-Aug-16
E-AJR-1580	Curing	7d	18-Aug-16	27-Aug-16
E-AJR-1590	Reservoir Walls - External formwork	2d	18-Aug-16	21-Aug-16
E-AJR-1600	Reservoir Walls - Internal formwork - (Stage 2-Walls 2,4,6 & 8)	8d	04-Sep-16	18-Sep-16
E-AJR-1610	Construct Inlet & Outlet Chambers	19d	12-Oct-16	03-Nov-16
E-AJR-1630	Water proofing & backfilling	1d	27-Aug-16	28-Aug-16
E-AJR-1640	Reservoir base slab - Place concrete (Stage 2)	1d	16-Aug-16	17-Aug-16
E-AJR-1650	Reservoir base slab - Place concrete (Stage 3) - Footing of Columns	1d	17-Aug-16	18-Aug-16
E-AJR-1660	Deshuttering Formwork for Roof Slab	4d	29-Oct-16	02-Nov-16
Mechanical Work				
E-AJR-1080	Install buried & Non buried steel pipes & fittings - Inlet	3d	16-Nov-16	20-Nov-16
E-AJR-1090	Install buried & Non buried steel pipes & fittings- Outlet	5d	03-Nov-16	09-Nov-16
E-AJR-1110	Install buried steel pipes & fittings - Washout	5d	09-Nov-16	16-Nov-16
E-AJR-1220	Install buried steel pipes & fittings - Overflow	3d	20-Nov-16	23-Nov-16
E-AJR-1400	Pipe Encasement - RC where needed	2d	22-Mar-16	23-Mar-16
Electrical Work				
E-AJR-1200	Install control system software	7d	06-Nov-16	14-Nov-16
E-AJR-1210	Install Instruments for the site and its facilities and Structures per section 13500	6d	14-Nov-16	22-Nov-16
E-AJR-1250	Installing Earthing System	5d	15-Aug-16	21-Aug-16
E-AJR-1300	Scada head end integration and programming for the site and its facilities and Structures per section 13500B	3d	22-Nov-16	26-Nov-16
E-AJR-1480	Duct Bank & manholes construction and installation of pre-cast pullbox	6d	12-Oct-16	19-Oct-16

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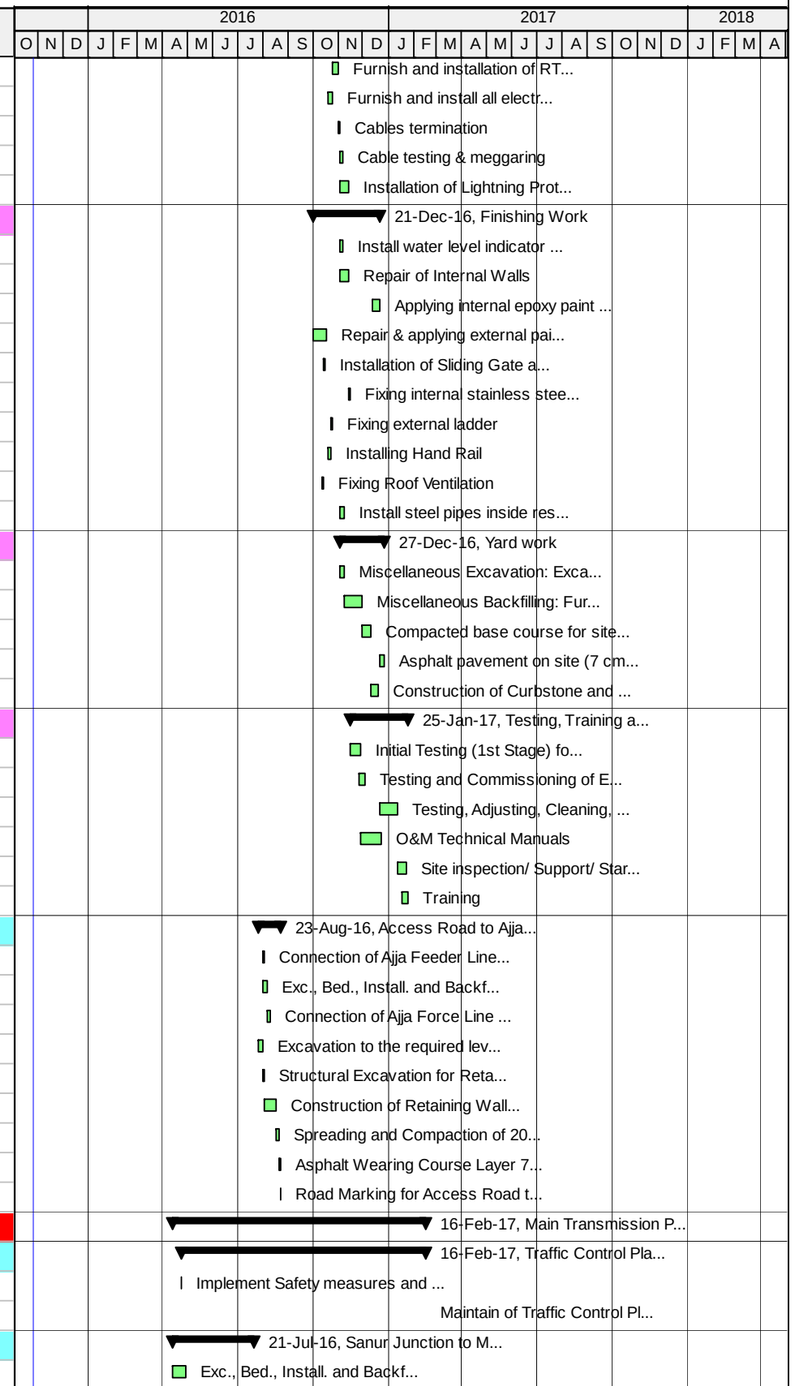
E-AJR-1500	Furnish and installation of RTU, RTU Panel and breaker Panel	5d	25-Oct-16	31-Oct-16
E-AJR-1510	Furnish and install all electrical conduit, cable, equipment, and other miscellaneous electrical elements.	5d	19-Oct-16	25-Oct-16
E-AJR-1520	Cables termination	3d	31-Oct-16	03-Nov-16
E-AJR-1530	Cable testing & meggaring	2d	03-Nov-16	06-Nov-16
E-AJR-5285	Installation of Lightning Protection and Grounding System and Light Poles	10d	02-Nov-16	14-Nov-16
Finishing Work				
E-AJR-1070	Install water level indicator & Access Cover	3d	02-Nov-16	06-Nov-16
E-AJR-1100	Repair of Internal Walls	10d	02-Nov-16	14-Nov-16
E-AJR-1120	Applying internal epoxy paint for the reservoir	6d	12-Dec-16	21-Dec-16
E-AJR-1130	Repair & applying external paint for the reservoir	14d	01-Oct-16	17-Oct-16
E-AJR-1140	Installation of Sliding Gate as shown on detail C-118 Sheet C-DT12	1d	13-Oct-16	15-Oct-16
E-AJR-1230	Fixing internal stainless steel access ladder	1d	14-Nov-16	16-Nov-16
E-AJR-1240	Fixing external ladder	1d	23-Oct-16	24-Oct-16
E-AJR-1270	Installing Hand Rail	2d	20-Oct-16	23-Oct-16
E-AJR-1280	Fixing Roof Ventilation	1d	12-Oct-16	13-Oct-16
E-AJR-1620	Install steel pipes inside reservoir - Outlet	5d	02-Nov-16	08-Nov-16
Yard work				
E-AJR-1150	Miscellaneous Excavation: Excavate to the required depth as per design drawings	5d	03-Nov-16	09-Nov-16
E-AJR-1160	Miscellaneous Backfilling: Furnishing, leveling, and compaction of selected fill for subgrade layer	16d	09-Nov-16	29-Nov-16
E-AJR-1170	Compacted base course for site grading, 200 mm layer	10d	29-Nov-16	11-Dec-16
E-AJR-1180	Asphalt pavement on site (7 cm), ¾ asphalt mix design including MC	4d	21-Dec-16	27-Dec-16
E-AJR-2020	Construction of Curbstone and Side walk	5d	11-Dec-16	19-Dec-16
Testing, Training and Commissioning				
E-AJR-3000	Initial Testing (1st Stage) for Water Tightness	10d	16-Nov-16	28-Nov-16
E-AJR-3005	Testing and Commissioning of Electrical and Control Systems and Equipment	7d	26-Nov-16	04-Dec-16
E-AJR-3010	Testing, Adjusting, Cleaning, Disinfection, Commissioning, and Operator Instruction 2nd Stage	14d	21-Dec-16	12-Jan-17
E-AJR-3015	O&M Technical Manuals	20d	28-Nov-16	24-Dec-16
E-AJR-3025	Site inspection/ Support/ Start up	9d	12-Jan-17	23-Jan-17
E-AJR-3030	Training	7d	17-Jan-17	25-Jan-17
Access Road to Ajja Reservoir (238 m of two-lane road with shoulder)				
E-AAT-1210	Connection of Ajja Feeder Line to Reservoir	2d	31-Jul-16	02-Aug-16
E-AJP-1172	Exc., Bed., Install. and Backfill. 200mm Ajja Force and Feeder Line from St. 0+000 to St. 0+440 (Double)	6d	31-Jul-16	07-Aug-16
E-AJP-1175	Connection of Ajja Force Line to Reservoir	2d	07-Aug-16	09-Aug-16
E-AJR-1000	Excavation to the required level for Access Road to Ajja Reservoir	4d	26-Jul-16	31-Jul-16
E-AJR-1010	Structural Excavation for Retaining Wall from Station 0+180 to Station 0+190	3d	31-Jul-16	03-Aug-16
E-AJR-1030	Construction of Retaining Wall from Station 0+180 to Station 0+190	12d	03-Aug-16	17-Aug-16
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	17-Aug-16	21-Aug-16
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	21-Aug-16	22-Aug-16
E-AJR-1060	Road Marking for Access Road to Ajja Reservoir from Station 0+000 to Station 0+238	1d	22-Aug-16	23-Aug-16
Main Transmission Pipe lines				
Traffic Control Plan and Safety				
SWJ-TCP-1360	Implement Safety measures and Traffic Control Plan for Zone 03	2d	23-Apr-16	24-Apr-16
SWJ-TCP-1370	Maintain of Traffic Control Plan and Safety measures for Zone 03	226d	25-Apr-16	16-Feb-17
Sanur Junction to Maythaloun Well Main Transmission Pipeline (250mm x 3.7 km)				
E-SMT-1000	Exc., Bed., Install. and Backfill. 250mm Sanur - Maythaloun Transmission Pipeline from St. 0+000 to St.1+200	15d	12-Apr-16	28-Apr-16



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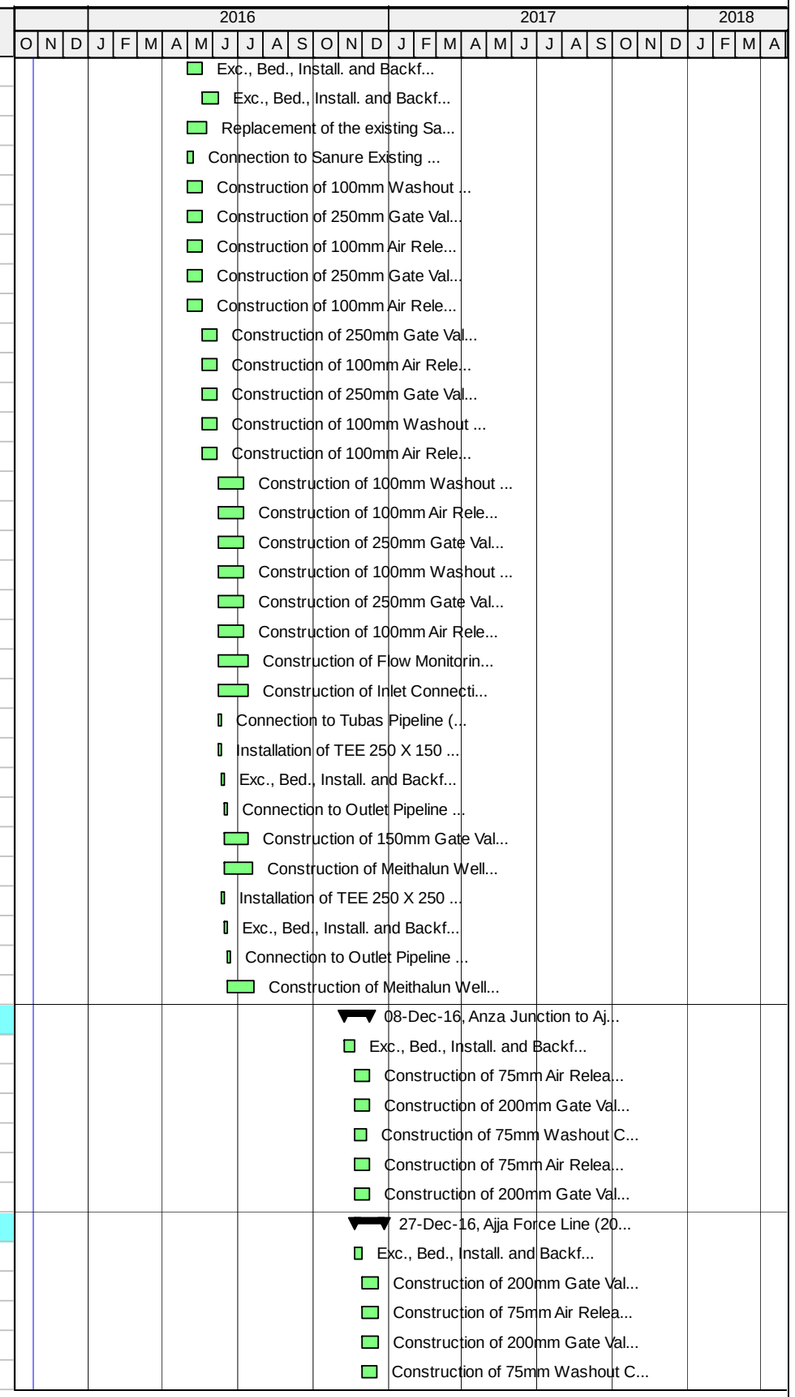
E-SMT-1010	Exc., Bed., Install. and Backfill. 250mm Sanur - Maythaloun Transmission Pipeline from St. 1+200 to St.2+400	15d	30-Apr-16	18-May-16
E-SMT-1030	Exc., Bed., Install. and Backfill. 250mm Sanur - Maythaloun Transmission Pipeline from St.2+400 to St.3+699	16d	19-May-16	08-Jun-16
E-SMT-1035	Replacement of the existing Sanur Connection Chamber (CHD-103)	20d	30-Apr-16	24-May-16
E-SMT-1045	Connection to Sanure Existing Pipe	5d	30-Apr-16	07-May-16
E-SMT-1055	Construction of 100mm Washout Chamber at station 0+010 0on 250mm pipe	15d	30-Apr-16	18-May-16
E-SMT-1065	Construction of 250mm Gate Valve Chamber at Station 0+500	15d	30-Apr-16	18-May-16
E-SMT-1075	Construction of 100mm Air Release Valve Chamber at station 0+770 on 250mm pipe	15d	30-Apr-16	18-May-16
E-SMT-1085	Construction of 250mm Gate Valve Chamber at Station 1+000	15d	30-Apr-16	18-May-16
E-SMT-1095	Construction of 100mm Air Release Valve Chamber at station 1+190 on 250mm pipe	15d	30-Apr-16	18-May-16
E-SMT-1105	Construction of 250mm Gate Valve Chamber at Station 1+500	15d	19-May-16	06-Jun-16
E-SMT-1115	Construction of 100mm Air Release Valve Chamber at station 1+618 on 250mm pipe	15d	19-May-16	06-Jun-16
E-SMT-1125	Construction of 250mm Gate Valve Chamber at Station 2+000	15d	19-May-16	06-Jun-16
E-SMT-1135	Construction of 100mm Washout Chamber at station 2+100 on 250mm pipe	15d	19-May-16	06-Jun-16
E-SMT-1145	Construction of 100mm Air Release Valve Chamber at station 2+375 on 250mm pipe	15d	19-May-16	06-Jun-16
E-SMT-1155	Construction of 100mm Washout Chamber at station 2+545 on 250mm pipe	15d	08-Jun-16	09-Jul-16
E-SMT-1165	Construction of 100mm Air Release Valve Chamber at station 2+850 on 250mm pipe	15d	08-Jun-16	09-Jul-16
E-SMT-1175	Construction of 250mm Gate Valve Chamber at Station 3+000	15d	08-Jun-16	09-Jul-16
E-SMT-1185	Construction of 100mm Washout Chamber at station 3+298 on 250mm pipe	15d	08-Jun-16	09-Jul-16
E-SMT-1195	Construction of 250mm Gate Valve Chamber at Station 3+480	15d	08-Jun-16	09-Jul-16
E-SMT-1205	Construction of 100mm Air Release Valve Chamber at station 3+514 on 250mm pipe	15d	08-Jun-16	09-Jul-16
E-SMT-1215	Construction of Flow Monitoring Chamber at Station 3+620 (M-VCFM)	20d	08-Jun-16	14-Jul-16
E-SMT-1225	Construction of Inlet Connection Chamber at Station 3+680 (CHD - 105)	20d	08-Jun-16	14-Jul-16
E-SMT-1235	Connection to Tubas Pipeline (TEE 150 X 150 X 150)	2d	08-Jun-16	12-Jun-16
E-SMT-1242	Installation of TEE 250 X 150 X 250	2d	08-Jun-16	12-Jun-16
E-SMT-1245	Exc., Bed., Install. and Backfill. 150mm Pipe from Connection Outlet pipe (Booster Station) to TEE (0+000 to 0+085)	2d	12-Jun-16	15-Jun-16
E-SMT-1250	Connection to Outlet Pipeline from Booster Station	2d	15-Jun-16	19-Jun-16
E-SMT-1255	Construction of 150mm Gate Valve Chamber on the existing pipeline (C-530)	15d	15-Jun-16	13-Jul-16
E-SMT-1260	Construction of Meithalun Well Outlet Connection Chamber 150mm (CCH-106)	20d	15-Jun-16	19-Jul-16
E-SMT-1265	Installation of TEE 250 X 250 X 250	2d	12-Jun-16	15-Jun-16
E-SMT-1270	Exc., Bed., Install. and Backfill. 250mm Pipe from TEE to Connection Outlet pipe (Booster Station) (0+000 to 0+134)	2d	15-Jun-16	19-Jun-16
E-SMT-1272	Connection to Outlet Pipeline from Booster Station	2d	19-Jun-16	22-Jun-16
E-SMT-1275	Construction of Meithalun Well Outlet Connection Chamber 250mm (CCH-106)	20d	19-Jun-16	21-Jul-16
Anza Junction to Ajja Reservoir Transmission (Ajja Feeder Pipeline) (200mm x 1.1 km)				
E-AAT-1000	Exc., Bed., Install. and Backfill. 200mm Ajja Feeder Pipeline from St. 0+440 to St. 1+259	10d	08-Nov-16	21-Nov-16
E-AAT-1010	Construction of 75mm Air Release Valve Chamber at Station 0+500 on 200mm pipe	15d	21-Nov-16	08-Dec-16
E-AAT-1020	Construction of 200mm Gate Valve Chamber at Station 0+520	15d	21-Nov-16	08-Dec-16
E-AAT-1030	Construction of 75mm Washout Chamber at station 0+700 on 200mm pipe	13d	21-Nov-16	06-Dec-16
E-AAT-1040	Construction of 75mm Air Release Valve Chamber at Station 0+915 on 200mm pipe	15d	21-Nov-16	08-Dec-16
E-AAT-1050	Construction of 200mm Gate Valve Chamber at Station 1+255	15d	21-Nov-16	08-Dec-16
Ajja Force Line (200mm x 1.2 km)				
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	21-Nov-16	30-Nov-16
E-AJP-1190	Construction of 200mm Gate Valve Chamber at Station 0+500	15d	30-Nov-16	20-Dec-16
E-AJP-1200	Construction of 75mm Air Release Valve Chamber at Station 0+560 on 200mm pipe	15d	30-Nov-16	20-Dec-16
E-AJP-1210	Construction of 200mm Gate Valve Chamber at Station 1+000	15d	30-Nov-16	20-Dec-16
E-AJP-1220	Construction of 75mm Washout Chamber at station 1+065 on 200mm pipe	13d	30-Nov-16	18-Dec-16



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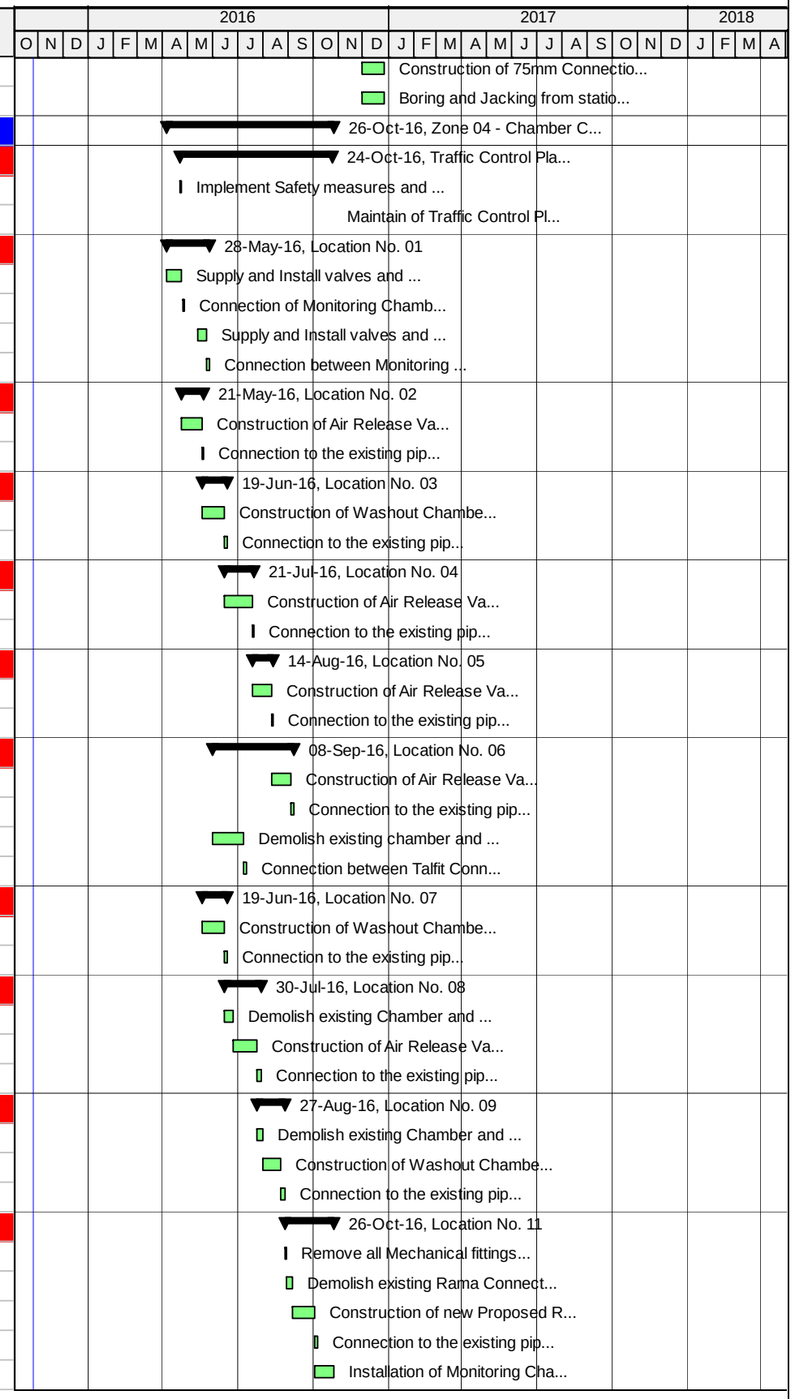
Activity ID	Activity Name	Original Duration	Start	Finish
E-AJP-1230	Construction of 75mm Connection Chamber at Station 1+095 (CHD-131) (Ajja Connection)	20d	30-Nov-16	27-Dec-16
E-AJP-1240	Boring and Jacking from station 1+033 to station 1+065 as per detail C-204/C-DT20	20d	30-Nov-16	27-Dec-16
Zone 04 - Chamber Construction, Replacement, and Rehabilitation				
Traffic Control Plan and Safety				
E-KRR-5285	Implement Safety measures and Traffic Control Plan for Zone 4	2d	21-Apr-16	23-Apr-16
E-KRR-5295	Maintain of Traffic Control Plan and Safety measures for Zone 4	139d	24-Apr-16	24-Oct-16
Location No. 01				
E-SWJ-1000	Supply and Install valves and fitting in the existing Monitoring Chamber (1) as per detail M-VCFM	15d	06-Apr-16	23-Apr-16
E-SWJ-1010	Connection of Monitoring Chamber (1) with Main Pipeline from Qabatiya Well	3d	25-Apr-16	27-Apr-16
E-SWJ-1020	Supply and Install valves and fitting in the existing Raba Service Connection Chamber as per detail CHD-241	10d	14-May-16	24-May-16
E-SWJ-1030	Connection between Monitoring Chamber (1) and Raba Service Connection Chamber	3d	25-May-16	28-May-16
Location No. 02				
E-SWJ-1040	Construction of Air Release Valve Chamber as per detail C-505A/C-DT62	20d	24-Apr-16	18-May-16
E-SWJ-1050	Connection to the existing pipeline	2d	19-May-16	21-May-16
Location No. 03				
E-SWJ-1060	Construction of Washout Chamber as per detail C-503A/C-DT60	20d	19-May-16	15-Jun-16
E-SWJ-1070	Connection to the existing pipeline	2d	15-Jun-16	19-Jun-16
Location No. 04				
E-SWJ-1080	Construction of Air Release Valve Chamber as per detail C-505A/C-DT62	20d	15-Jun-16	19-Jul-16
E-SWJ-1090	Connection to the existing pipeline	2d	19-Jul-16	21-Jul-16
Location No. 05				
E-SWJ-1100	Construction of Air Release Valve Chamber as per detail C-505A/C-DT62	20d	19-Jul-16	11-Aug-16
E-SWJ-1110	Connection to the existing pipeline	2d	11-Aug-16	14-Aug-16
Location No. 06				
E-SWJ-1140	Construction of Air Release Valve Chamber as per detail C-505A/C-DT62	20d	11-Aug-16	04-Sep-16
E-SWJ-1150	Connection to the existing pipeline	4d	04-Sep-16	08-Sep-16
E-SWJ-1160	Demolish existing chamber and Construction of Talfit Connection Chamber as per detail CHD-242	20d	01-Jun-16	09-Jul-16
E-SWJ-1170	Connection between Talfit Connection Chamber and existing Pipeline	3d	09-Jul-16	12-Jul-16
Location No. 07				
E-SWJ-1120	Construction of Washout Chamber as per detail C-503A/C-DT60	20d	19-May-16	15-Jun-16
E-SWJ-1130	Connection to the existing pipeline	2d	15-Jun-16	19-Jun-16
Location No. 08				
E-SWJ-1175	Demolish existing Chamber and associated piping and fittings	5d	15-Jun-16	25-Jun-16
E-SWJ-1180	Construction of Air Release Valve Chamber as per detail C-505A/C-DT62	20d	25-Jun-16	25-Jul-16
E-SWJ-1190	Connection to the existing pipeline	4d	25-Jul-16	30-Jul-16
Location No. 09				
E-SWJ-1200	Demolish existing Chamber and associated piping and fittings	5d	25-Jul-16	31-Jul-16
E-SWJ-1210	Construction of Washout Chamber as per detail C-503/C-DT60	20d	31-Jul-16	23-Aug-16
E-SWJ-1220	Connection to the existing pipeline	3d	23-Aug-16	27-Aug-16
Location No. 11				
E-SWJ-1225	Remove all Mechanical fittings and Replace with pipe spool	3d	27-Aug-16	30-Aug-16
E-SWJ-1230	Demolish existing Rama Connection Chamber to surface level	5d	30-Aug-16	05-Sep-16
E-SWJ-1240	Construction of new Proposed Rama Connection Chamber as per detail CHD-242	20d	05-Sep-16	03-Oct-16
E-SWJ-1250	Connection to the existing pipeline	3d	03-Oct-16	06-Oct-16
E-SWJ-1260	Installation of Monitoring Chamber (2) as per detail M-VCFM	20d	03-Oct-16	26-Oct-16



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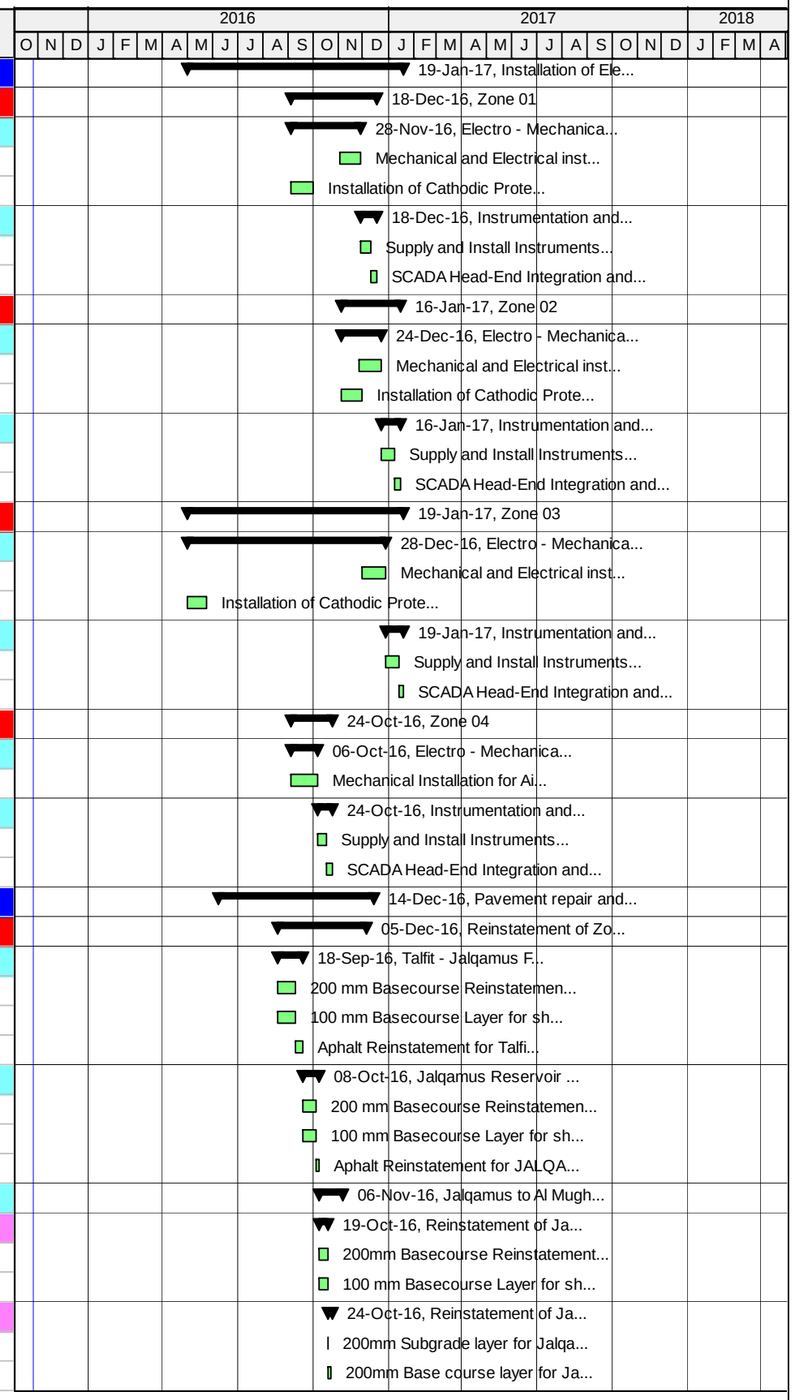
Activity ID	Activity Name	Original Duration	Start	Finish
Installation of Electro - Mechanical Component				
Zone 01				
Electro - Mechanical work - Zone 01				
SWJ-2000	Mechanical and Electrical installation Zone 1	21d	02-Nov-16	28-Nov-16
SWJ-2020	Installation of Cathodic Protection system - Anode and 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



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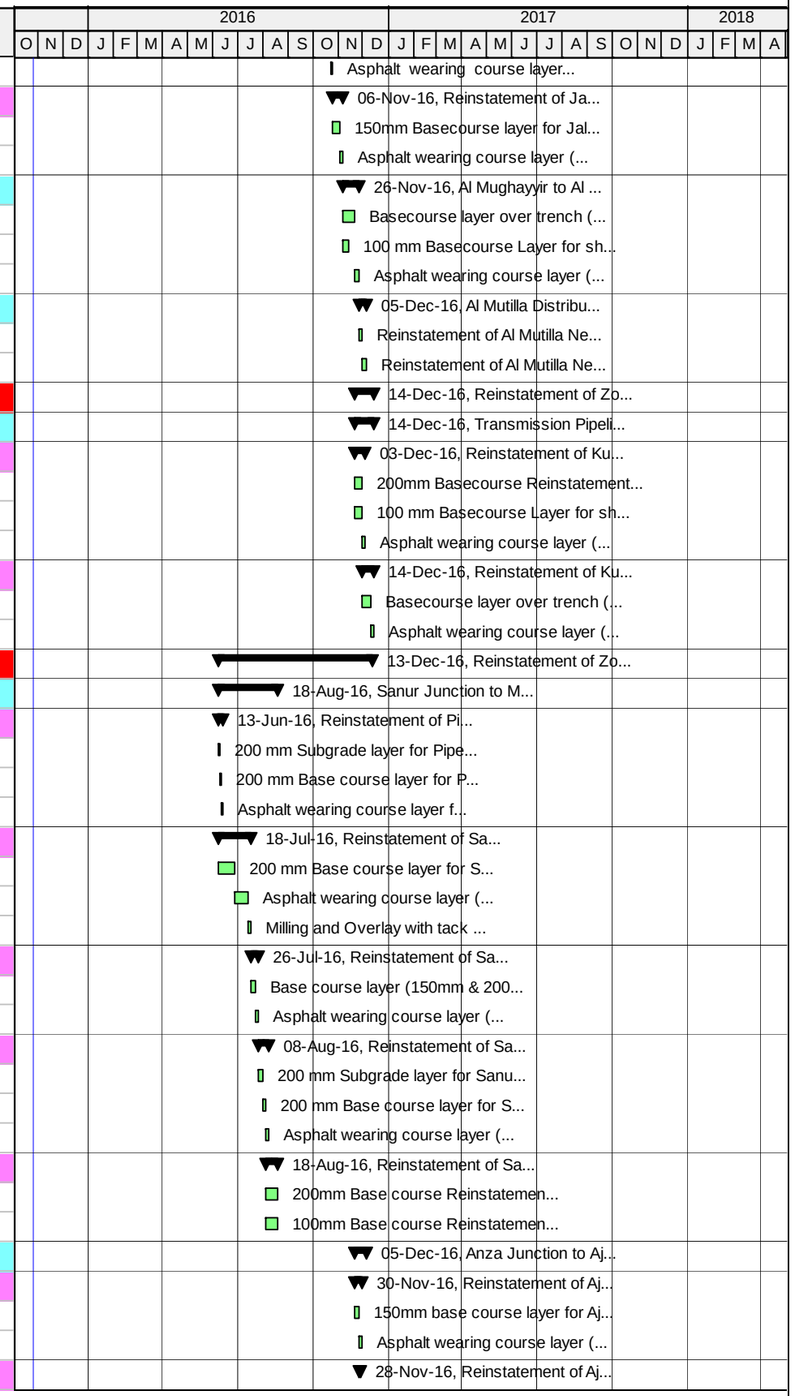
Activity ID	Activity Name	Original Duration	Start	Finish
E-JMT-1185	Asphalt wearing course layer (5 cm) for Jalqamus to Al Mughayyir pipeline from St. 1+500 to St. 1+770 include MC	1d	23-Oct-16	24-Oct-16
Reinstatement of Jalqamus to Al Mughayyir pipeline from St. 1+770 to St. 2+772				
E-JMT-1155	150mm Basecourse layer for Jalqamus to Al Mughayyir pipeline from St.1+770 to St.2+772	9d	24-Oct-16	03-Nov-16
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	03-Nov-16	06-Nov-16
Al Mughayyir to Al Mutilla Force Line (Al Mutilla Booster Station to Al Mutilla Reservoir)				
E-MTT-1220	Basecourse layer over trench (200mm and 150mm) for Al Mughayyir to Al Mutilla Force Line from St. 0+000 to St.1+680	12d	06-Nov-16	21-Nov-16
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	06-Nov-16	13-Nov-16
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	21-Nov-16	26-Nov-16
Al Mutilla Distribution Network				
E-MTN-1110	Reinstatement of Al Mutilla Network - from Al Mutilla Elevated Reservoir (260 m)	3d	26-Nov-16	29-Nov-16
E-MTN-1120	Reinstatement of Al Mutilla Network - Branches from 75 mm pipe (320 m)	5d	29-Nov-16	05-Dec-16
Reinstatement of Zone 02				
Transmission Pipeline - Yabad Junction to Kuferit Reservoir				
Reinstatement of Kuferit Force Line from St. 0+000 to St. 1+210				
E-YKT-1180	200mm Basecourse Reinstatement over trench for Kuferit Force Line from St. 0+000 to St. 1+210	8d	21-Nov-16	30-Nov-16
E-YKT-1200	100 mm Basecourse Layer for shoulder width of Kuferit Force Line from St. 0+030 to St. 1+210	8d	21-Nov-16	30-Nov-16
E-YKT-1210	Asphalt wearing course layer (5 cm) for Kuferit Force Line from St. 0+000 to St. 0+030 (execluding BC)	2d	30-Nov-16	03-Dec-16
Reinstatement of Kuferit Force Line from St. 1+210 to St. 2+300				
E-YKT-1190	Basecourse layer over trench (200mm & 150mm) for Kuferit Force Line from St. 1+210 to St. 2+300	8d	30-Nov-16	10-Dec-16
E-YKT-1220	Asphalt wearing course layer (5 cm) for Kuferit Force Line from St. 1+210 to St. 2+300 including MC	4d	10-Dec-16	14-Dec-16
Reinstatement of Zone 03				
Sanur Junction to Maythaloun Well Main Transmission Pipeline (250mm x 3.7 km)				
Reinstatement of Pipe Connection to Outlet Pipeline from Booster Station St. 0+000 to 0+085				
E-SMT-1283	200 mm Subgrade layer for Pipe Connection to Outlet Pipeline from Booster Station St. 0+000 to 0+085	1d	08-Jun-16	09-Jun-16
E-SMT-1585	200 mm Base course layer for Pipe Connection to Outlet Pipeline from Booster Station St. 0+000 to 0+085	1d	09-Jun-16	12-Jun-16
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	12-Jun-16	13-Jun-16
Reinstatement of Sanur - Maythaloun Transmission Pipeline from St. 0+000 to St.1+600				
E-SMT-1285	200 mm Base course layer for Sanur - Maythaloun Transmission Pipeline from St. 0+000 to St.1+600	11d	08-Jun-16	28-Jun-16
E-SMT-1605	Asphalt wearing course layer (6 cm) for Sanur - Maythaloun Transmission Pipeline from St. 0+000 to St.1+600	8d	28-Jun-16	13-Jul-16
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	13-Jul-16	18-Jul-16
Reinstatement of Sanur - Maythaloun Transmission Pipeline from St. 1+600 to St.2+080				
E-SMT-1305	Base course layer (150mm & 200mm) for Sanur - Maythaloun Transmission Pipeline from St. 1+600 to St.2+080	4d	18-Jul-16	23-Jul-16
E-SMT-1625	Asphalt wearing course layer (6 cm) for Sanur - Maythaloun Transmission Pipeline from St. 1+600 to St.2+080	3d	23-Jul-16	26-Jul-16
Reinstatement of Sanur - Maythaloun Transmission Pipeline from St. 2+080 to St.2+840				
E-SMT-1315	200 mm Subgrade layer for Sanur - Maythaloun Transmission Pipeline from St. 2+080 to St.2+840	4d	26-Jul-16	31-Jul-16
E-SMT-1635	200 mm Base course layer for Sanur - Maythaloun Transmission Pipeline from St. 2+080 to St.2+840	4d	31-Jul-16	04-Aug-16
E-SMT-1645	Asphalt wearing course layer (6 cm) for Sanur - Maythaloun Transmission Pipeline from St. 2+080 to St.2+840	3d	04-Aug-16	08-Aug-16
Reinstatement of Sanur - Maythaloun Transmission Pipeline from St. 2+840 to St.3+647				
E-SMT-1575	200mm Base course Reinstatement over trench of Sanur - Maythaloun Transmission Pipeline from St. 2+840 to St.3+647	12d	04-Aug-16	18-Aug-16
E-SMT-1655	100mm Base course Reinstatement for shoulder of Sanur - Maythaloun Transmission Pipeline from St. 2+840 to St.3+647	12d	04-Aug-16	18-Aug-16
Anza Junction to Ajja Reservoir Transmission (Ajja Feeder Pipeline) (200mm x 1.1 km)				
Reinstatement of Ajja Feeder Pipeline from St. 0+235 to St. 0+550 and St. 0+635 to St. 0+845				
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	21-Nov-16	26-Nov-16
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	26-Nov-16	30-Nov-16
Reinstatement of Ajja Feeder Pipeline from St. 0+550 to St. 0+635				



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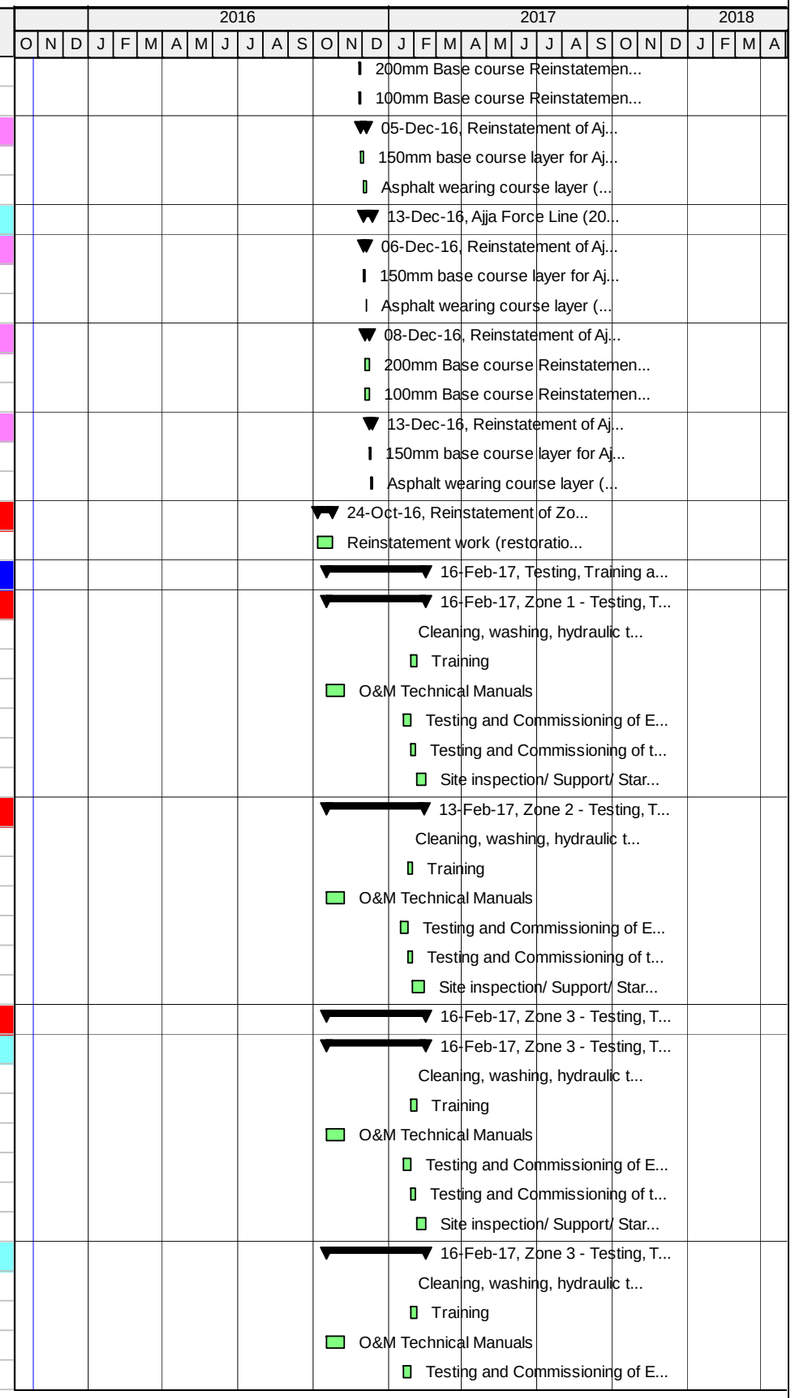
Activity ID	Activity Name	Original Duration	Start	Finish
E-AAT-1230	200mm Base course Reinstatement over trench of Ajja Feeder Pipeline from St. 0+550 to St. 0+635	2d	26-Nov-16	28-Nov-16
E-AAT-1260	100mm Base course Reinstatement for shoulder of Ajja Feeder Pipeline from St. 0+550 to St. 0+635	2d	26-Nov-16	28-Nov-16
Reinstatement of Ajja Feeder Pipeline from St. 0+845 to St. 1+259				
E-AAT-1240	150mm base course layer for Ajja Feeder Pipeline from St. 0+845 to St. 1+259	3d	28-Nov-16	01-Dec-16
E-AAT-1270	Asphalt wearing course layer (6 cm) for Ajja Feeder Pipeline from St. 0+845 to St. 1+259	3d	01-Dec-16	05-Dec-16
Ajja Force Line (200mm x 1.2 km)				
Reinstatement of Ajja Force Line from St. 0+235 to St. 0+550				
E-AJP-1250	150mm base course layer for Ajja Force Line from St. 0+235 to St. 0+550	2d	01-Dec-16	04-Dec-16
E-AJP-1280	Asphalt wearing course layer (6 cm) for Ajja Force Line from St. 0+235 to St. 0+550	1d	05-Dec-16	06-Dec-16
Reinstatement of Ajja Force Line from St. 0+550 to St. 1+000				
E-AJP-1260	200mm Base course Reinstatement over trench of Ajja Force Line from St. 0+550 to St. 1+000	4d	04-Dec-16	08-Dec-16
E-AJP-1290	100mm Base course Reinstatement for shoulder of Ajja Force Line from St. 0+550 to St. 1+000	4d	04-Dec-16	08-Dec-16
Reinstatement of Ajja Force Line from St. 1+000 to St. 1+033 & St. 1+065 to St. 1+104				
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	08-Dec-16	11-Dec-16
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	11-Dec-16	13-Dec-16
Reinstatement of Zone 04				
E-AJP-1310	Reinstatement work (restoration) for zone 4	15d	06-Oct-16	24-Oct-16
Testing, Training and Commissioning				
Zone 1 - Testing, Training and Commissioning				
SWJ-1000	Cleaning, washing, hydraulic test and disinfection for Transmission Pipeline	38d	28-Nov-16	19-Jan-17
SWJ-1010	Training	6d	28-Jan-17	04-Feb-17
SWJ-1020	O&M Technical Manuals	20d	17-Oct-16	08-Nov-16
SWJ-1040	Testing and Commissioning of Electrical and Control System and Equipment	7d	19-Jan-17	28-Jan-17
SWJ-1050	Testing and Commissioning of the entire system	5d	28-Jan-17	02-Feb-17
SWJ-1060	Site inspection/ Support/ Start up	8d	04-Feb-17	16-Feb-17
Zone 2 - Testing, Training and Commissioning				
SWJ-2170	Cleaning, washing, hydraulic test and disinfection for Transmission Pipeline	15d	24-Dec-16	16-Jan-17
SWJ-2180	Training	6d	24-Jan-17	31-Jan-17
SWJ-2190	O&M Technical Manuals	20d	17-Oct-16	08-Nov-16
SWJ-2200	Testing and Commissioning of Electrical and Control System and Equipment	7d	16-Jan-17	24-Jan-17
SWJ-2210	Testing and Commissioning of the entire system	5d	24-Jan-17	30-Jan-17
SWJ-2220	Site inspection/ Support/ Start up	8d	31-Jan-17	13-Feb-17
Zone 3 - Testing, Training and Commissioning				
Zone 3 - Testing, Training and Commissioning - SMT				
SWJ-2230	Cleaning, washing, hydraulic test and disinfection for Transmission Pipeline	15d	28-Dec-16	19-Jan-17
SWJ-2240	Training	6d	28-Jan-17	04-Feb-17
SWJ-2250	O&M Technical Manuals	20d	17-Oct-16	08-Nov-16
SWJ-2260	Testing and Commissioning of Electrical and Control System and Equipment	7d	19-Jan-17	28-Jan-17
SWJ-2270	Testing and Commissioning of the entire system	5d	28-Jan-17	02-Feb-17
SWJ-2280	Site inspection/ Support/ Start up	8d	04-Feb-17	16-Feb-17
Zone 3 - Testing, Training and Commissioning - AJP				
SWJ-2350	Cleaning, washing, hydraulic test and disinfection for Transmission Pipeline	15d	28-Dec-16	19-Jan-17
SWJ-2360	Training	6d	28-Jan-17	04-Feb-17
SWJ-2370	O&M Technical Manuals	20d	17-Oct-16	08-Nov-16
SWJ-2380	Testing and Commissioning of Electrical and Control System and Equipment	7d	19-Jan-17	28-Jan-17



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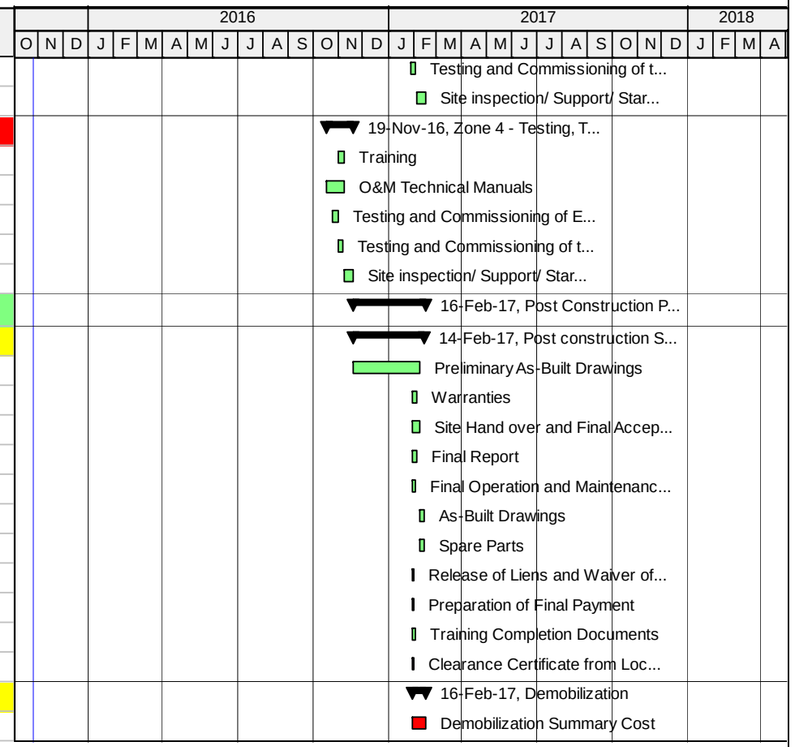
Activity ID	Activity Name	Original Duration	Start	Finish
SWJ-2390	Testing and Commissioning of the entire system	5d	28-Jan-17	02-Feb-17
SWJ-2400	Site inspection/ Support/ Start up	8d	04-Feb-17	16-Feb-17
Zone 4 - Testing, Training and Commissioning				
SWJ-2300	Training	6d	01-Nov-16	08-Nov-16
SWJ-2310	O&M Technical Manuals	20d	17-Oct-16	08-Nov-16
SWJ-2320	Testing and Commissioning of Electrical and Control System and Equipment	7d	24-Oct-16	01-Nov-16
SWJ-2330	Testing and Commissioning of the entire system	5d	01-Nov-16	07-Nov-16
SWJ-2340	Site inspection/ Support/ Start up	8d	09-Nov-16	19-Nov-16
Post Construction Phase				
Post construction Submittals				
SWJ-PCS-1000	Preliminary As-Built Drawings	60d	19-Nov-16	08-Feb-17
SWJ-PCS-1020	Warranties	5d	30-Jan-17	04-Feb-17
SWJ-PCS-1030	Site Hand over and Final Acceptence Certificate	6d	30-Jan-17	08-Feb-17
SWJ-PCS-1040	Final Report	5d	30-Jan-17	04-Feb-17
SWJ-PCS-1050	Final Operation and Maintenance O&M Manual	4d	30-Jan-17	02-Feb-17
SWJ-PCS-1060	As-Built Drawings	5d	08-Feb-17	14-Feb-17
SWJ-PCS-1070	Spare Parts	5d	08-Feb-17	14-Feb-17
SWJ-PCS-1080	Release of Liens and Waiver of Debts and Claims letter	3d	30-Jan-17	01-Feb-17
SWJ-PCS-1090	Preparation of Final Payment	3d	30-Jan-17	01-Feb-17
SWJ-PCS-1100	Training Completion Documents	4d	30-Jan-17	02-Feb-17
SWJ-PCS-1110	Clearance Certificate from Local Authorities	3d	30-Jan-17	01-Feb-17
Demobilization				
A2090	Demobilization Summary Cost	13d	30-Jan-17	16-Feb-17



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Annex C - Detailed Updated Time Schedule

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

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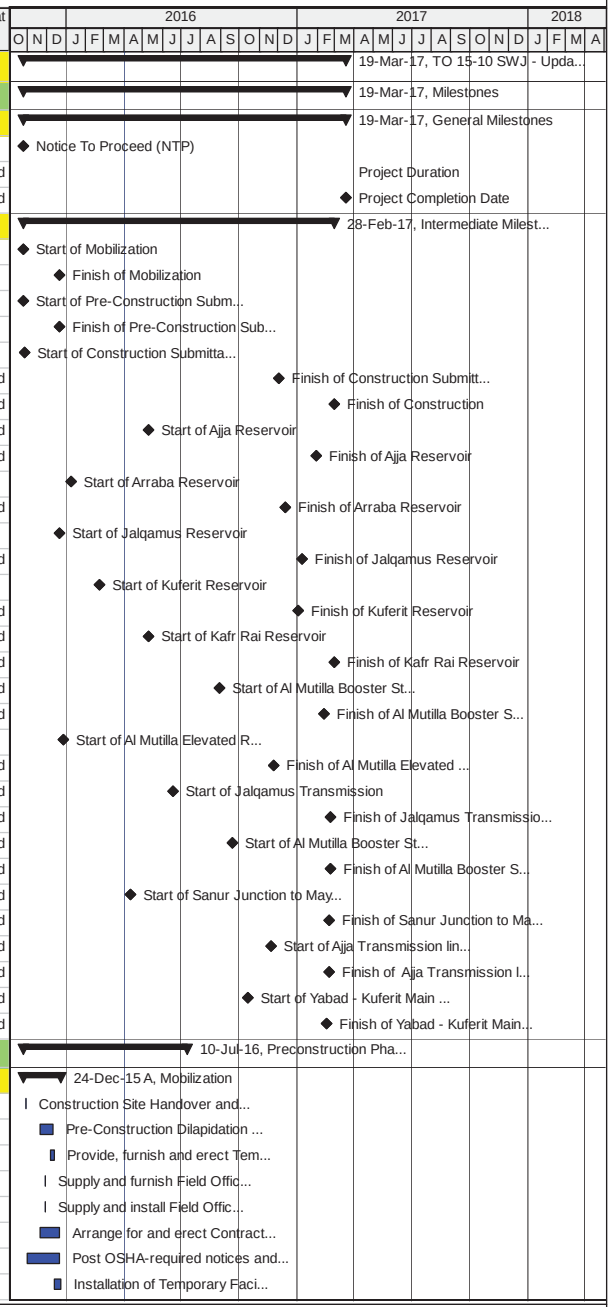
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project					
Milestones					
General Milestones					
A-1000	Notice To Proceed (NTP)	0d	26-Oct-15 A		
A-1010	Project Duration	316d	26-Oct-15 A	19-Mar-17	-26d
A-1020	Project Completion Date	0d		19-Mar-17*	-31d
Intermediate Milestones					
AI-1000	Start of Mobilization	0d	25-Oct-15 A		
AI-1010	Finish of Mobilization	0d		21-Dec-15	
AI-1020	Start of Pre-Construction Submittals	0d	26-Oct-15 A		
AI-1030	Finish of Pre-Construction Submittals	0d		21-Dec-15	
AI-1040	Start of Construction Submittals	0d	27-Oct-15 A		
AI-1050	Finish of Construction Submittals	0d		01-Dec-16	56d
AI-1060	Finish of Construction	0d		28-Feb-17	-26d
AI-AJR-1090	Start of Ajja Reservoir	0d	10-May-16		19d
AI-AJR-1100	Finish of Ajja Reservoir	0d		31-Jan-17	-4d
AI-ARR-1000	Start of Arraba Reservoir	0d	10-Jan-16 A		
AI-ARR-1030	Finish of Arraba Reservoir	0d		13-Dec-16	46d
AI-JLR-1070	Start of Jalqamus Reservoir	0d	22-Dec-15		
AI-JLR-1080	Finish of Jalqamus Reservoir	0d		08-Jan-17	13d
AI-KFR-1070	Start of Kuferit Reservoir	0d	23-Feb-16 A		
AI-KFR-1080	Finish of Kuferit Reservoir	0d		02-Jan-17	17d
AI-KRR-1110	Start of Kafr Rai Reservoir	0d	10-May-16		138d
AI-KRR-1120	Finish of Kafr Rai Reservoir	0d		28-Feb-17	-26d
AI-MTB-1070	Start of Al Mutilla Booster Station	0d	31-Aug-16		14d
AI-MTB-1080	Finish of Al Mutilla Booster Station	0d		12-Feb-17	-12d
AI-MTR-1050	Start of Al Mutilla Elevated Reservoir	0d	27-Dec-15		
AI-MTR-1060	Finish of Al Mutilla Elevated Reservoir	0d		23-Nov-16	-2d
AI-MTR-1070	Start of Jalqamus Transmission	0d	18-Jun-16		184d
AI-MTR-1080	Finish of Jalqamus Transmission	0d		21-Feb-17	-4d
AI-MTR-1090	Start of Al Mutilla Booster Station to Al Mutilla Reservoir	0d	20-Sep-16		44d
AI-MTR-1100	Finish of Al Mutilla Booster Station to Al Mutilla Reservoir	0d		21-Feb-17	-4d
AI-MTR-1110	Start of Sanur Junction to Maythaloun Well	0d	11-Apr-16		13d
AI-MTR-1120	Finish of Sanur Junction to Maythaloun Well	0d		19-Feb-17	-2d
AI-MTR-1130	Start of Ajja Transmission line	0d	20-Nov-16		-2d
AI-MTR-1140	Finish of Ajja Transmission line	0d		19-Feb-17	-2d
AI-MTR-1150	Start of Yabad - Kuferit Main Transmission line	0d	15-Oct-16		15d
AI-MTR-1160	Finish of Yabad - Kuferit Main Transmission line	0d		15-Feb-17	1d
Preconstruction Phase					
Mobilization					
SWJ - MOB-0999	Construction Site Handover and Receive Conformed Drawings	1d	29-Oct-15 A	29-Oct-15 A	
SWJ - MOB-1000	Pre-Construction Dilapidation Survey	15d	22-Nov-15	12-Dec-15	
SWJ - MOB-1010	Provide, furnish and erect Temporary Project Signs	2d	08-Dec-15	14-Dec-15	
SWJ - MOB-1020	Supply and furnish Field Office Furniture and Miscellaneous	2d	29-Nov-15	29-Nov-15	
SWJ - MOB-1030	Supply and install Field Office Computer Systems and IT Equipments	5d	29-Nov-15	29-Nov-15	
SWJ - MOB-1040	Arrange for and erect Contractor's work and Storage Yards	2d	22-Nov-15	22-Dec-15	
SWJ - MOB-1060	Post OSHA-required notices and establish safety programs	2d	01-Nov-15	22-Dec-15	
SWJ - MOB-1070	Installation of Temporary Facilities as per section 01500	3d	13-Dec-15	24-Dec-15	



Actual Work | Critical Remaining Work | Summary | Remaining Work | Milestone

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

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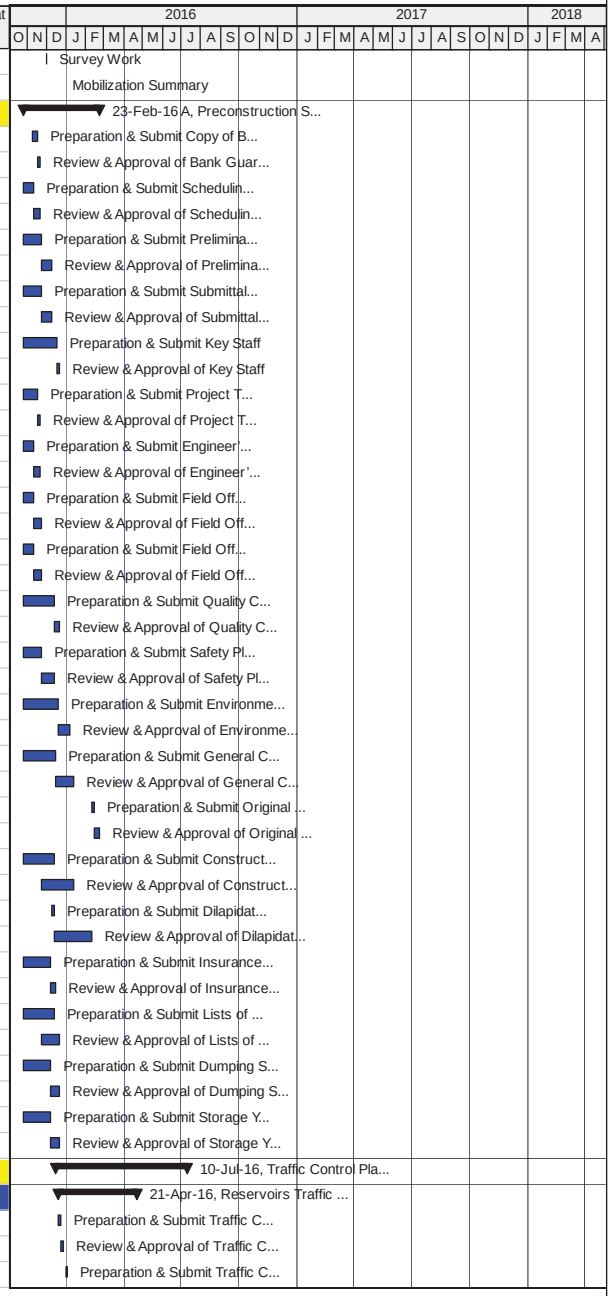
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
SWJ - MOB-1075	Survey Work	15d	01-Dec-15	01-Dec-15	
SWJ - MOB-1080	Mobilization Summary	26d	26-Oct-15 A	22-Dec-15	
Preconstruction Submittals					
SWJ-PC-SUB-01	Preparation & Submit Copy of Bank Guarantee Certificates	1d	09-Nov-15	17-Nov-15	
SWJ-PC-SUB-01-R&A	Review & Approval of Bank Guarantee Certificates	21d	17-Nov-15	22-Nov-15	
SWJ-PC-SUB-02	Preparation & Submit Scheduling Qualification Submittal	2d	26-Oct-15 A	11-Nov-15	
SWJ-PC-SUB-02-R&A	Review & Approval of Scheduling Qualification Submittal	21d	11-Nov-15	22-Nov-15	
SWJ-PC-SUB-03	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)	9d	26-Oct-15 A	24-Nov-15	
SWJ-PC-SUB-03-R&A	Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation)	21d	24-Nov-15	09-Dec-15	
SWJ-PC-SUB-04	Preparation & Submit Submittals Schedule	2d	26-Oct-15 A	24-Nov-15	
SWJ-PC-SUB-04-R&A	Review & Approval of Submittals Schedule	21d	24-Nov-15	09-Dec-15	
SWJ-PC-SUB-05	Preparation & Submit Key Staff	5d	26-Oct-15 A	17-Dec-15	
SWJ-PC-SUB-05-R&A	Review & Approval of Key Staff	21d	17-Dec-15	21-Dec-15	
SWJ-PC-SUB-06	Preparation & Submit Project Temporary Signs	2d	26-Oct-15 A	17-Nov-15	
SWJ-PC-SUB-06-R&A	Review & Approval of Project Temporary Signs	18d	17-Nov-15	22-Nov-15	
SWJ-PC-SUB-07	Preparation & Submit Engineer's Field Office Location and Layout	2d	26-Oct-15 A	11-Nov-15	
SWJ-PC-SUB-07-R&A	Review & Approval of Engineer's Field Office Location and Layout	15d	11-Nov-15	22-Nov-15	
SWJ-PC-SUB-08	Preparation & Submit Field Office Furniture and Equipment Plan	2d	26-Oct-15 A	11-Nov-15	
SWJ-PC-SUB-08-R&A	Review & Approval of Field Office Furniture and Equipment Plan	15d	11-Nov-15	24-Nov-15	
SWJ-PC-SUB-09	Preparation & Submit Field Office Computer Systems and Miscellaneous	5d	26-Oct-15 A	11-Nov-15	
SWJ-PC-SUB-09-R&A	Review & Approval of Field Office Computer Systems and Miscellaneous	14d	11-Nov-15	24-Nov-15	
SWJ-PC-SUB-10	Preparation & Submit Quality Control Plan with Testing Lab C.V	5d	26-Oct-15 A	13-Dec-15	
SWJ-PC-SUB-10-R&A	Review & Approval of Quality Control Plan with Testing Lab C.V	21d	13-Dec-15	21-Dec-15	
SWJ-PC-SUB-11	Preparation & Submit Safety Plan	5d	26-Oct-15 A	24-Nov-15	
SWJ-PC-SUB-11-R&A	Review & Approval of Safety Plan	21d	24-Nov-15	13-Dec-15	
SWJ-PC-SUB-13	Preparation & Submit Environmental Monitoring and Mitigation Plan	3d	26-Oct-15 A	20-Dec-15	
SWJ-PC-SUB-13-R&A	Review & Approval of Environmental Monitoring and Mitigation Plan	21d	20-Dec-15	07-Jan-16 A	
SWJ-PC-SUB-14	Preparation & Submit General Construction Method Statement	5d	26-Oct-15 A	15-Dec-15	
SWJ-PC-SUB-14-R&A	Review & Approval of General Constraction Method Statement	21d	15-Dec-15	13-Jan-16 A	
SWJ-PC-SUB-15	Preparation & Submit Original CPM Construction Schedule	21d	11-Feb-16 A	15-Feb-16 A	
SWJ-PC-SUB-15-R&A	Review & Approval of Original CPM Construction Schedule	21d	15-Feb-16 A	23-Feb-16 A	
SWJ-PC-SUB-16	Preparation & Submit Construction Risk Management Program	5d	26-Oct-15 A	13-Dec-15	
SWJ-PC-SUB-16-R&A	Review & Approval of Construction Risk Management Program	21d	24-Nov-15	13-Jan-16 A	
SWJ-PC-SUB-17	Preparation & Submit Dilapidation Survey	3d	09-Dec-15	14-Dec-15	
SWJ-PC-SUB-17-R&A	Review & Approval of Dilapidation Survey	21d	14-Dec-15	10-Feb-16 A	
SWJ-PC-SUB-19	Preparation & Submit Insurances	5d	26-Oct-15 A	07-Dec-15	
SWJ-PC-SUB-19-R&A	Review & Approval of Insurances	21d	07-Dec-15	16-Dec-15	
SWJ-PC-SUB-20	Preparation & Submit Lists of Permits and Licenses	5d	26-Oct-15 A	13-Dec-15	
SWJ-PC-SUB-20-R&A	Review & Approval of Lists of Permits and Licenses	21d	24-Nov-15	21-Dec-15	
SWJ-PC-SUB-21	Preparation & Submit Dumping Site	4d	26-Oct-15 A	07-Dec-15	
SWJ-PC-SUB-21-R&A	Review & Approval of Dumping Site	21d	07-Dec-15	21-Dec-15	
SWJ-PC-SUB-22	Preparation & Submit Storage Yard	3d	26-Oct-15 A	07-Dec-15	
SWJ-PC-SUB-22-R&A	Review & Approval of Storage Yard	15d	07-Dec-15	21-Dec-15	
Traffic Control Plan Submittals					
Reservoirs Traffic Control Plan Submittals					
SWJ-TCP-1000	Preparation & Submit Traffic Control Plan for Al Mutilla Reservoir	11d	19-Dec-15	23-Dec-15	
SWJ-TCP-1010	Review & Approval of Traffic Control Plan for Al Mutilla Reservoir	21d	23-Dec-15	28-Dec-15	
SWJ-TCP-1180	Preparation & Submit Traffic Control Plan for Arraba Reservoir	5d	31-Dec-15	03-Jan-16 A	



Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

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

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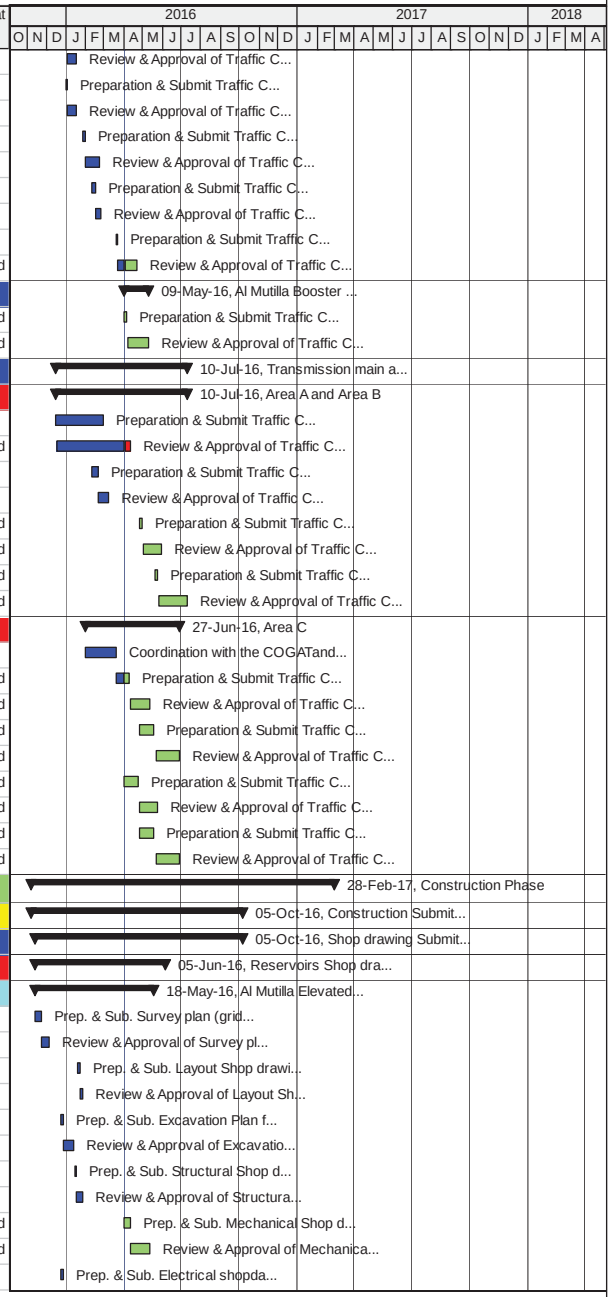
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
SWJ-TCP-1190	Review & Approval of Traffic Control Plan for Arraba Reservoir	21d	03-Jan-16 A	17-Jan-16 A	
SWJ-TCP-1200	Preparation & Submit Traffic Control Plan for Jalqamus Reservoir	5d	31-Dec-15	03-Jan-16 A	
SWJ-TCP-1210	Review & Approval of Traffic Control Plan for Jalqamus Reservoir	21d	03-Jan-16 A	17-Jan-16 A	
SWJ-TCP-1220	Preparation & Submit Traffic Control Plan for Kuferit Reservoir	5d	27-Jan-16 A	01-Feb-16 A	
SWJ-TCP-1230	Review & Approval of Traffic Control Plan for Kuferit Reservoir	21d	01-Feb-16 A	23-Feb-16 A	
SWJ-TCP-1240	Preparation & Submit Traffic Control Plan for Kafr Rai Reservoir	5d	10-Feb-16 A	17-Feb-16 A	
SWJ-TCP-1250	Review & Approval of Traffic Control Plan for Kafr Rai Reservoir	21d	17-Feb-16 A	25-Feb-16 A	
SWJ-TCP-1260	Preparation & Submit Traffic Control Plan for Ajja Reservoir	5d	20-Mar-16 A	23-Mar-16 A	
SWJ-TCP-1270	Review & Approval of Traffic Control Plan for Ajja Reservoir	21d	23-Mar-16 A	21-Apr-16	217d
Al Mutilla Booster Station Traffic Control Plan Submittals					
SWJ-TCP-1020	Preparation & Submit Traffic Control Plan for Al Mutilla Booster Station	5d	02-Apr-16	06-Apr-16	239d
SWJ-TCP-1030	Review & Approval of Traffic Control Plan for Al Mutilla Booster Station	21d	07-Apr-16	09-May-16	205d
Transmission main and supply pipelines Traffic Control Plan Submittals					
Area A and Area B					
SWJ-TCP-1280	Preparation & Submit Traffic Control Plan for Sanur Junction to Maythaloun Well	5d	15-Dec-15	29-Feb-16 A	
SWJ-TCP-1290	Review & Approval of Traffic Control Plan for Sanur Junction to Maythaloun Well	21d	17-Dec-15	11-Apr-16	-1d
SWJ-TCP-1300	Preparation & Submit Traffic Control Plan for Talfit - Al Mutilla Pipeline (ø 150 mm - (9300) LM)	5d	10-Feb-16 A	20-Feb-16 A	
SWJ-TCP-1310	Review & Approval of Traffic Control Plan for Talfit - Al Mutilla Pipeline (ø 150 mm - (9300) LM)	21d	21-Feb-16 A	08-Mar-16 A	
SWJ-TCP-1320	Preparation & Submit Traffic Control Plan for Yabad-Kuferit Pipeline (Area A and B)	5d	25-Apr-16	30-Apr-16	215d
SWJ-TCP-1330	Review & Approval of Traffic Control Plan for Yabad-Kuferit Pipeline (Area A and B)	21d	03-May-16	31-May-16	190d
SWJ-TCP-1340	Preparation & Submit Traffic Control Plan for Anza-Ajja (Area A and B)	5d	21-May-16	25-May-16	200d
SWJ-TCP-1350	Review & Approval of Traffic Control Plan for Anza-Ajja (Area A and B)	21d	26-May-16	10-Jul-16	173d
Area C					
SWJ-COR-1010	Coordination with the COGATand DCL to obtain all the necessary approvals inclusive of traffic plans - Area C	45d	01-Feb-16 A	20-Mar-16 A	
SWJ-TCP-1420	Preparation & Submit Traffic Control Plan for Anza-Ajja (Area C) From STA: 0+270 to STA: 1+104	20d	20-Mar-16 A	10-Apr-16	237d
SWJ-TCP-1430	Review & Approval of Traffic Control Plan for Anza-Ajja (Area C) From STA: 0+270 to STA: 1+104	21d	11-Apr-16	11-May-16	204d
SWJ-TCP-1440	Preparation & Submit Traffic Control Plan for Yabad-Kuferit Pipeline (Area C) From STA: 0+000 to STA: 0+640	20d	25-Apr-16	19-May-16	200d
SWJ-TCP-1450	Review & Approval of Traffic Control Plan for Yabad-Kuferit Pipeline (Area C) From STA: 0+000 to STA: 0+640	21d	22-May-16	27-Jun-16	177d
SWJ-TCP-1460	Preparation & Submit Traffic Control Plan for AL Mughayyir-AL Mutilla Force Line From STA 0+270 to STA: 1+430.	20d	02-Apr-16	24-Apr-16	200d
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	25-Apr-16	25-May-16	194d
SWJ-TCP-1480	Preparation & Submit Traffic Control Plan for Zone 4, Location 8, 9 and 10 (Area C)	20d	25-Apr-16	19-May-16	205d
SWJ-TCP-1490	Review & Approval of Traffic Control Plan for Zone 4, Location 8, 9 and 10 (Area C)	21d	22-May-16	27-Jun-16	177d
Construction Phase					
Construction Submittals					
Shop drawing Submittals					
Reservoirs Shop drawing Submittals					
Al Mutilla Elevated Reservoir - New Construction 500 m3					
MTR-SD-100	Prep. & Sub. Survey plan (grid points) for Al Mutilla Elevated Reservoir	3d	12-Nov-15	24-Nov-15	
MTR-SD-110	Review & Approval of Survey plan (grid points) for Al Mutilla Elevated Reservoir	21d	24-Nov-15	06-Dec-15	
MTR-SD-120	Prep. & Sub. Layout Shop drawing for Al Mutilla Elevated Reservoir	3d	19-Jan-16 A	24-Jan-16 A	
MTR-SD-130	Review & Approval of Layout Shop drawing for Al Mutilla Elevated Reservoir	21d	24-Jan-16 A	27-Jan-16 A	
MTR-SD-140	Prep. & Sub. Excavation Plan for Al Mutilla Elevated Reservoir	3d	24-Dec-15	27-Dec-15	
MTR-SD-150	Review & Approval of Excavation Plan for Al Mutilla Elevated Reservoir	21d	27-Dec-15	13-Jan-16 A	
MTR-SD-160	Prep. & Sub. Structural Shop drawing for Al Mutilla Elevated Reservoir	5d	16-Jan-16 A	18-Jan-16 A	
MTR-SD-170	Review & Approval of Structural Shop drawing for Al Mutilla Elevated Reservoir	21d	18-Jan-16 A	27-Jan-16 A	
MTR-SD-180	Prep. & Sub. Mechanical Shop drawing for Al Mutilla Elevated Reservoir	9d	02-Apr-16	11-Apr-16	95d
MTR-SD-190	Review & Approval of Mechanical Shop drawing for Al Mutilla Elevated Reservoir	21d	12-Apr-16	12-May-16	80d
MTR-SD-200	Prep. & Sub. Electrical shopdarwing for Al Mutilla Elevated Reservoir	9d	24-Dec-15	27-Dec-15	



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

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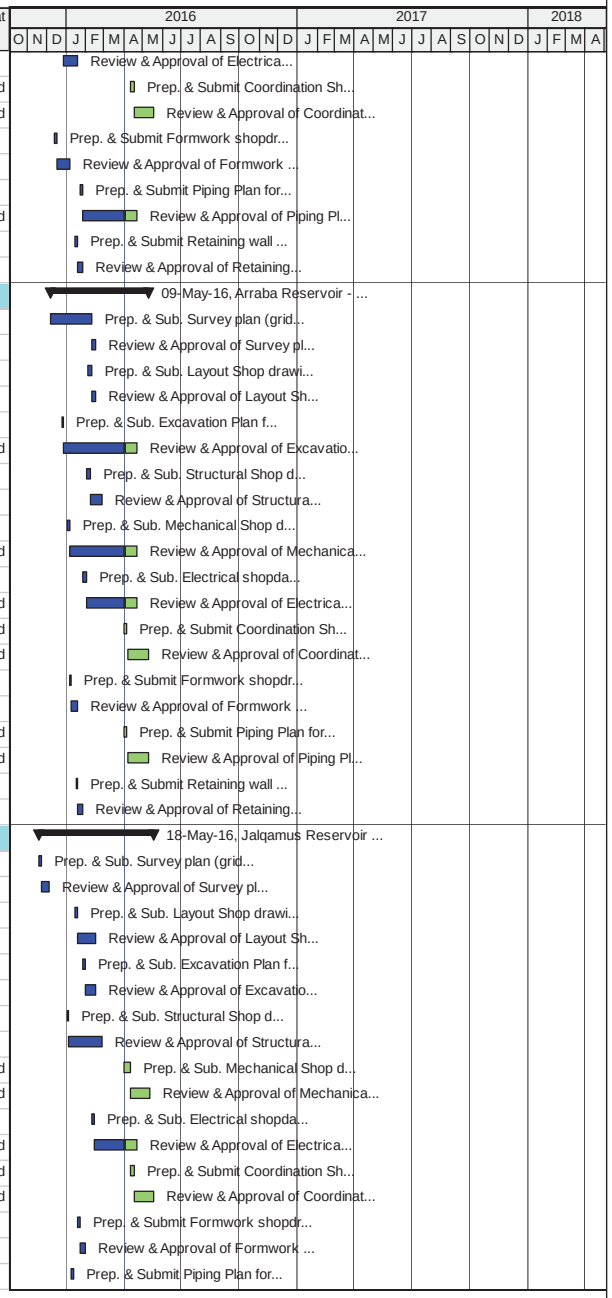
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
MTR-SD-210	Review & Approval of Electrical shopdarwing for Al Mutilla Elevated Reservoir	21d	27-Dec-15	20-Jan-16 A	
MTR-SD-220	Prep. & Submit Coordination Shop drawing for Al Mutilla Elevated Reservoir	5d	12-Apr-16	17-Apr-16	95d
MTR-SD-230	Review & Approval of Coordination Shop drawing for Al Mutilla Elevated Reservoir	21d	18-Apr-16	18-May-16	76d
MTR-SD-240	Prep. & Submit Formwork shopdrawing for Al Mutilla Elevated Reservoir	5d	13-Dec-15	17-Dec-15	
MTR-SD-250	Review & Approval of Formwork shopdrawing for Al Mutilla Elevated Reservoir	21d	17-Dec-15	07-Jan-16 A	
MTR-SD-260	Prep. & Submit Piping Plan for Al Mutilla Elevated Reservoir	5d	24-Jan-16 A	27-Jan-16 A	
MTR-SD-270	Review & Approval of Piping Plan for Al Mutilla Elevated Reservoir	21d	27-Jan-16 A	21-Apr-16	101d
MTR-SD-280	Prep. & Submit Retaining wall Shopdrawing for Al Mutilla Elevated Reservoir	5d	16-Jan-16 A	19-Jan-16 A	
MTR-SD-290	Review & Approval of Retaining wall Shopdrawing for Al Mutilla Elevated Reservoir	21d	19-Jan-16 A	27-Jan-16 A	
Arraba Reservoir - Replacement of existing 1000 m3 with a new 2,000 m3					
ARR-SD-100	Prep. & Sub. Survey plan (grid points) for Arraba Reservoir	10d	07-Dec-15	10-Feb-16 A	
ARR-SD-110	Review & Approval of Survey plan (grid points) for Arraba Reservoir	21d	10-Feb-16 A	17-Feb-16 A	
ARR-SD-120	Prep. & Sub. Layout Shop drawing for Arraba Reservoir	5d	04-Feb-16 A	10-Feb-16 A	
ARR-SD-130	Review & Approval of Layout Shop drawing for Arraba Reservoir	21d	10-Feb-16 A	17-Feb-16 A	
ARR-SD-140	Prep. & Sub. Excavation Plan for Arraba Reservoir	5d	26-Dec-15	28-Dec-15	
ARR-SD-150	Review & Approval of Excavation Plan for Arraba Reservoir	21d	28-Dec-15	21-Apr-16	196d
ARR-SD-160	Prep. & Sub. Structural Shop drawing for Arraba Reservoir	5d	02-Feb-16 A	08-Feb-16 A	
ARR-SD-170	Review & Approval of Structural Shop drawing for Arraba Reservoir	21d	08-Feb-16 A	28-Feb-16 A	
ARR-SD-180	Prep. & Sub. Mechanical Shop drawing for Arraba Reservoir	9d	03-Jan-16 A	06-Jan-16 A	
ARR-SD-190	Review & Approval of Mechanical Shop drawing for Arraba Reservoir	21d	06-Jan-16 A	21-Apr-16	145d
ARR-SD-200	Prep. & Sub. Electrical shopdarwing for Arraba Reservoir	9d	27-Jan-16 A	02-Feb-16 A	
ARR-SD-210	Review & Approval of Electrical shopdarwing for Arraba Reservoir	21d	02-Feb-16 A	21-Apr-16	155d
ARR-SD-220	Prep. & Submit Coordination Shop drawing for Arraba Reservoir	5d	02-Apr-16	06-Apr-16	175d
ARR-SD-230	Review & Approval of Coordination Shop drawing for Arraba Reservoir	21d	07-Apr-16	09-May-16	145d
ARR-SD-240	Prep. & Submit Formwork shopdrawing for Arraba Reservoir	5d	07-Jan-16 A	10-Jan-16 A	
ARR-SD-250	Review & Approval of Formwork shopdrawing for Arraba Reservoir	21d	10-Jan-16 A	20-Jan-16 A	
ARR-SD-260	Prep. & Submit Piping Plan for Arraba Reservoir	5d	02-Apr-16	06-Apr-16	193d
ARR-SD-270	Review & Approval of Piping Plan for Arraba Reservoir	21d	07-Apr-16	09-May-16	160d
ARR-SD-280	Prep. & Submit Retaining wall Shopdrawing for Arraba Reservoir	5d	17-Jan-16 A	19-Jan-16 A	
ARR-SD-290	Review & Approval of Retaining wall Shopdrawing for Arraba Reservoir	21d	19-Jan-16 A	27-Jan-16 A	
Jalqamus Reservoir - Replacement of existing 500 m3 with a new 1,000 m3					
JLR-SD-1000	Prep. & Sub. Survey plan (grid points) for Jalqamus Reservoir	8d	18-Nov-15	24-Nov-15	
JLR-SD-1010	Review & Approval of Survey plan (grid points) for Jalqamus Reservoir	21d	24-Nov-15	06-Dec-15	
JLR-SD-1020	Prep. & Sub. Layout Shop drawing for Jalqamus Reservoir	5d	16-Jan-16 A	20-Jan-16 A	
JLR-SD-1030	Review & Approval of Layout Shop drawing for Jalqamus Reservoir	21d	20-Jan-16 A	17-Feb-16 A	
JLR-SD-1040	Prep. & Sub. Excavation Plan for Jalqamus Reservoir	5d	27-Jan-16 A	01-Feb-16 A	
JLR-SD-1050	Review & Approval of Excavation Plan for Jalqamus Reservoir	21d	01-Feb-16 A	17-Feb-16 A	
JLR-SD-1060	Prep. & Sub. Structural Shop drawing for Jalqamus Reservoir	5d	02-Jan-16 A	04-Jan-16 A	
JLR-SD-1070	Review & Approval of Structural Shop drawing for Jalqamus Reservoir	21d	04-Jan-16 A	28-Feb-16 A	
JLR-SD-1080	Prep. & Sub. Mechanical Shop drawing for Jalqamus Reservoir	9d	02-Apr-16	11-Apr-16	210d
JLR-SD-1090	Review & Approval of Mechanical Shop drawing for Jalqamus Reservoir	21d	12-Apr-16	12-May-16	183d
JLR-SD-1100	Prep. & Sub. Electrical shopdarwing for Jalqamus Reservoir	9d	11-Feb-16 A	14-Feb-16 A	
JLR-SD-1110	Review & Approval of Electrical shopdarwing for Jalqamus Reservoir	21d	14-Feb-16 A	21-Apr-16	196d
JLR-SD-1120	Prep. & Submit Coordination Shop drawing for Jalqamus Reservoir	5d	12-Apr-16	17-Apr-16	210d
JLR-SD-1130	Review & Approval of Coordination Shop drawing for Jalqamus Reservoir	21d	18-Apr-16	18-May-16	179d
JLR-SD-1140	Prep. & Submit Formwork shopdrawing for Jalqamus Reservoir	5d	20-Jan-16 A	23-Jan-16 A	
JLR-SD-1150	Review & Approval of Formwork shopdrawing for Jalqamus Reservoir	21d	24-Jan-16 A	01-Feb-16 A	
JLR-SD-1160	Prep. & Submit Piping Plan for Jalqamus Reservoir	5d	10-Jan-16 A	13-Jan-16 A	



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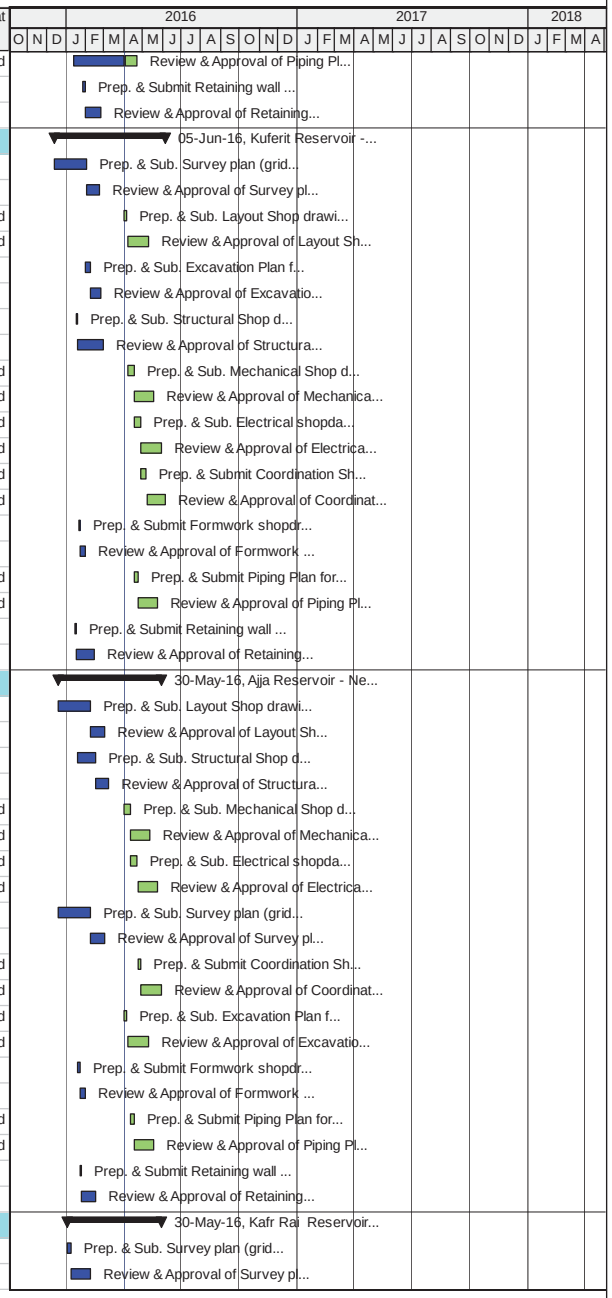
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
JLR-SD-1170	Review & Approval of Piping Plan for Jalqamus Reservoir	21d	13-Jan-16 A	21-Apr-16	164d
JLR-SD-1180	Prep. & Submit Retaining wall Shopdrawing for Jalqamus Reservoir	5d	27-Jan-16 A	01-Feb-16 A	
JLR-SD-1190	Review & Approval of Retaining wall Shopdrawing for Jalqamus Reservoir	21d	01-Feb-16 A	24-Feb-16 A	
Kuferit Reservoir - New Construction 500 m3					
KFR-SD-100	Prep. & Sub. Survey plan (grid points) for Kuferit Reservoir	9d	14-Dec-15	02-Feb-16 A	
KFR-SD-110	Review & Approval of Survey plan (grid points) for Kuferit Reservoir	21d	02-Feb-16 A	23-Feb-16 A	
KFR-SD-120	Prep. & Sub. Layout Shop drawing for Kuferit Reservoir (New Layout)	5d	02-Apr-16	06-Apr-16	20d
KFR-SD-130	Review & Approval of Layout Shop drawing for Kuferit Reservoir (New Layout)	21d	07-Apr-16	09-May-16	16d
KFR-SD-140	Prep. & Sub. Excavation Plan for Kuferit Reservoir	5d	01-Feb-16 A	09-Feb-16 A	
KFR-SD-150	Review & Approval of Excavation Plan for Kuferit Reservoir	21d	09-Feb-16 A	25-Feb-16 A	
KFR-SD-160	Prep. & Sub. Structural Shop drawing for Kuferit Reservoir	5d	17-Jan-16 A	19-Jan-16 A	
KFR-SD-170	Review & Approval of Structural Shop drawing for Kuferit Reservoir	21d	19-Jan-16 A	29-Feb-16 A	
KFR-SD-180	Prep. & Sub. Mechanical Shop drawing for Kuferit Reservoir	9d	07-Apr-16	17-Apr-16	131d
KFR-SD-190	Review & Approval of Mechanical Shop drawing for Kuferit Reservoir	21d	18-Apr-16	18-May-16	121d
KFR-SD-200	Prep. & Sub. Electrical shopdarwing for Kuferit Reservoir	9d	18-Apr-16	27-Apr-16	131d
KFR-SD-210	Review & Approval of Electrical shopdarwing for Kuferit Reservoir	21d	28-Apr-16	30-May-16	117d
KFR-SD-220	Prep. & Submit Coordination Shop drawing for Kuferit Reservoir	5d	28-Apr-16	05-May-16	131d
KFR-SD-230	Review & Approval of Coordination Shop drawing for Kuferit Reservoir	21d	08-May-16	05-Jun-16	109d
KFR-SD-240	Prep. & Submit Formwork shopdrawing for Kuferit Reservoir	5d	21-Jan-16 A	24-Jan-16 A	
KFR-SD-250	Review & Approval of Formwork shopdrawing for Kuferit Reservoir	21d	24-Jan-16 A	01-Feb-16 A	
KFR-SD-260	Prep. & Submit Piping Plan for Kuferit Reservoir	5d	18-Apr-16	23-Apr-16	140d
KFR-SD-270	Review & Approval of Piping Plan for Kuferit Reservoir	21d	24-Apr-16	24-May-16	117d
KFR-SD-280	Prep. & Submit Retaining wall Shopdrawing for Kuferit Reservoir	5d	16-Jan-16 A	18-Jan-16 A	
KFR-SD-290	Review & Approval of Retaining wall Shopdrawing for Kuferit Reservoir	21d	18-Jan-16 A	15-Feb-16 A	
Ajja Reservoir - New Construction 1,000 m3					
AJR-SD-1000	Prep. & Sub. Layout Shop drawing for Ajja Reservoir	5d	20-Dec-15	09-Feb-16 A	
AJR-SD-1010	Review & Approval of Layout Shop drawing for Ajja Reservoir	21d	09-Feb-16 A	03-Mar-16 A	
AJR-SD-1020	Prep. & Sub. Structural Shop drawing for Ajja Reservoir	5d	20-Jan-16 A	16-Feb-16 A	
AJR-SD-1030	Review & Approval of Structural Shop drawing for Ajja Reservoir	21d	16-Feb-16 A	08-Mar-16 A	
AJR-SD-1040	Prep. & Sub. Mechanical Shop drawing for Ajja Reservoir	9d	02-Apr-16	11-Apr-16	132d
AJR-SD-1050	Review & Approval of Mechanical Shop drawing for Ajja Reservoir	21d	12-Apr-16	12-May-16	131d
AJR-SD-1060	Prep. & Sub. Electrical shopdarwing for Ajja Reservoir	9d	12-Apr-16	21-Apr-16	132d
AJR-SD-1070	Review & Approval of Electrical shopdarwing for Ajja Reservoir	21d	24-Apr-16	24-May-16	109d
AJR-SD-1080	Prep. & Sub. Survey plan (grid points) for Ajja Reservoir	9d	20-Dec-15	09-Feb-16 A	
AJR-SD-1090	Review & Approval of Survey plan (grid points) for Ajja Reservoir	21d	09-Feb-16 A	03-Mar-16 A	
AJR-SD-1110	Prep. & Submit Coordination Shop drawing for Ajja Reservoir	5d	23-Apr-16	27-Apr-16	137d
AJR-SD-1115	Review & Approval of Coordination Shop drawing for Ajja Reservoir	21d	28-Apr-16	30-May-16	114d
AJR-SD-1120	Prep. & Sub. Excavation Plan for Ajja Reservoir	5d	02-Apr-16	06-Apr-16	4d
AJR-SD-1130	Review & Approval of Excavation Plan for Ajja Reservoir	21d	07-Apr-16	09-May-16	3d
AJR-SD-1150	Prep. & Submit Formwork shopdrawing for Ajja Reservoir	5d	20-Jan-16 A	23-Jan-16 A	
AJR-SD-1155	Review & Approval of Formwork shopdrawing for Ajja Reservoir	21d	24-Jan-16 A	01-Feb-16 A	
AJR-SD-1170	Prep. & Submit Piping Plan for Ajja Reservoir	5d	12-Apr-16	17-Apr-16	152d
AJR-SD-1175	Review & Approval of Piping Plan for Ajja Reservoir	21d	18-Apr-16	18-May-16	127d
AJR-SD-1190	Prep. & Submit Retaining wall Shopdrawing for Ajja Reservoir	5d	23-Jan-16 A	26-Jan-16 A	
AJR-SD-1195	Review & Approval of Retaining wall Shopdrawing for Ajja Reservoir	21d	26-Jan-16 A	16-Feb-16 A	
Kafr Rai Reservoir - New Construction 1,000 m3					
KRR-SD-100	Prep. & Sub. Survey plan (grid points) for Kafr Rai Reservoir	8d	02-Jan-16 A	10-Jan-16 A	
KRR-SD-110	Review & Approval of Survey plan (grid points) for Kafr Rai Reservoir	21d	10-Jan-16 A	08-Feb-16 A	



Actual Work | Critical Remaining Work | Summary | Remaining Work | Milestone

TASK filter: All Activities

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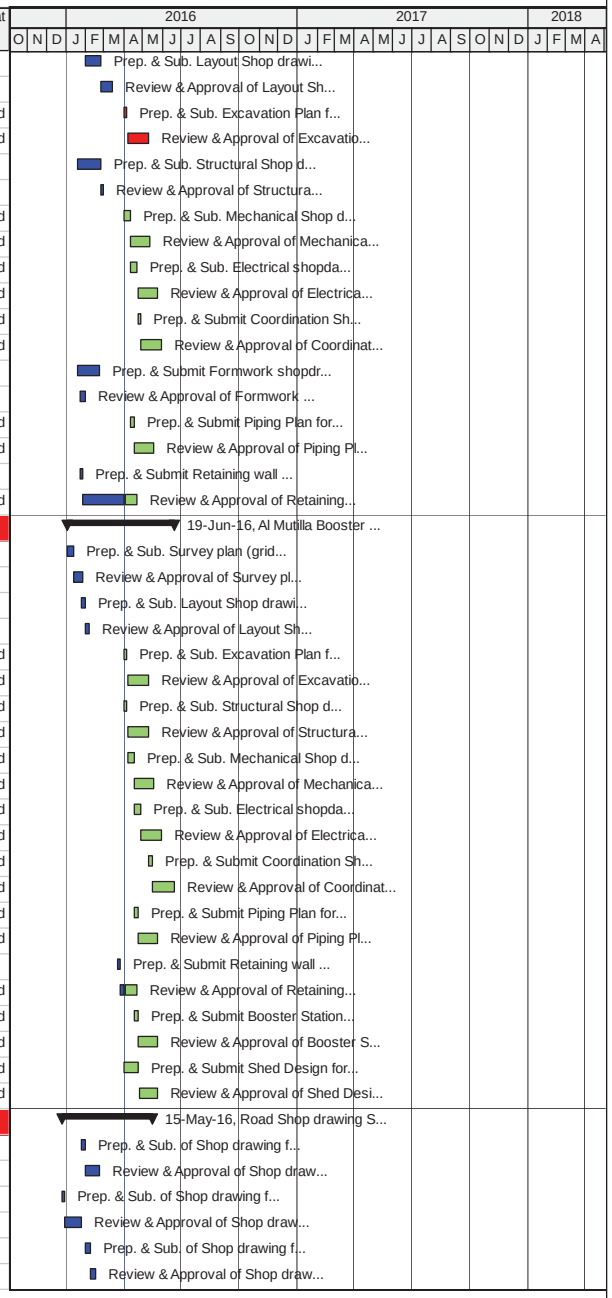
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
KRR-SD-120	Prep. & Sub. Layout Shop drawing for Kafr Rai Reservoir	5d	31-Jan-16 A	24-Feb-16 A	
KRR-SD-130	Review & Approval of Layout Shop drawing for Kafr Rai Reservoir	21d	24-Feb-16 A	15-Mar-16 A	
KRR-SD-140	Prep. & Sub. Excavation Plan for Kafr Rai Reservoir	5d	02-Apr-16	06-Apr-16	-14d
KRR-SD-150	Review & Approval of Excavation Plan for Kafr Rai Reservoir	21d	07-Apr-16	09-May-16	-12d
KRR-SD-160	Prep. & Sub. Structural Shop drawing for Kafr Rai Reservoir	5d	20-Jan-16 A	24-Feb-16 A	
KRR-SD-170	Review & Approval of Structural Shop drawing for Kafr Rai Reservoir	21d	24-Feb-16 A	29-Feb-16 A	
KRR-SD-180	Prep. & Sub. Mechanical Shop drawing for Kafr Rai Reservoir	9d	02-Apr-16	11-Apr-16	106d
KRR-SD-190	Review & Approval of Mechanical Shop drawing for Kafr Rai Reservoir	21d	12-Apr-16	12-May-16	151d
KRR-SD-200	Prep. & Sub. Electrical shopdarwing for Kafr Rai Reservoir	9d	12-Apr-16	21-Apr-16	106d
KRR-SD-210	Review & Approval of Electrical shopdarwing for Kafr Rai Reservoir	21d	24-Apr-16	24-May-16	109d
KRR-SD-220	Prep. & Submit Coordination Shop drawing for Kafr Rai Reservoir	5d	23-Apr-16	27-Apr-16	106d
KRR-SD-230	Review & Approval of Coordination Shop drawing for Kafr Rai Reservoir	21d	28-Apr-16	30-May-16	88d
KRR-SD-240	Prep. & Submit Formwork shopdrawing for Kafr Rai Reservoir	5d	20-Jan-16 A	23-Feb-16 A	
KRR-SD-250	Review & Approval of Formwork shopdrawing for Kafr Rai Reservoir	21d	24-Jan-16 A	01-Feb-16 A	
KRR-SD-260	Prep. & Submit Piping Plan for Kafr Rai Reservoir	5d	12-Apr-16	17-Apr-16	177d
KRR-SD-270	Review & Approval of Piping Plan for Kafr Rai Reservoir	21d	18-Apr-16	18-May-16	147d
KRR-SD-280	Prep. & Submit Retaining wall Shopdrawing for Kafr Rai Reservoir	5d	24-Jan-16 A	27-Jan-16 A	
KRR-SD-290	Review & Approval of Retaining wall Shopdrawing for Kafr Rai Reservoir	21d	27-Jan-16 A	21-Apr-16	125d
Al Mutilla Booster Station Shop drawing Submittals					
MTB-SD-100	Prep. & Sub. Survey plan (grid points) for Al Mutilla Booster Station	9d	03-Jan-16 A	14-Jan-16 A	
MTB-SD-110	Review & Approval of Survey plan (grid points) for Al Mutilla Booster Station	21d	14-Jan-16 A	27-Jan-16 A	
MTB-SD-120	Prep. & Sub. Layout Shop drawing for Al Mutilla Booster Station	5d	26-Jan-16 A	01-Feb-16 A	
MTB-SD-130	Review & Approval of Layout Shop drawing for Al Mutilla Booster Station	21d	01-Feb-16 A	07-Feb-16 A	
MTB-SD-140	Prep. & Sub. Excavation Plan for Al Mutilla Booster Station	5d	02-Apr-16	06-Apr-16	104d
MTB-SD-150	Review & Approval of Excavation Plan for Al Mutilla Booster Station	21d	07-Apr-16	09-May-16	83d
MTB-SD-160	Prep. & Sub. Structural Shop drawing for Al Mutilla Booster Station	5d	02-Apr-16	06-Apr-16	110d
MTB-SD-170	Review & Approval of Structural Shop drawing for Al Mutilla Booster Station	21d	07-Apr-16	09-May-16	88d
MTB-SD-180	Prep. & Sub. Mechanical Shop drawing for Al Mutilla Booster Station	9d	07-Apr-16	17-Apr-16	113d
MTB-SD-190	Review & Approval of Mechanical Shop drawing for Al Mutilla Booster Station	21d	18-Apr-16	18-May-16	106d
MTB-SD-200	Prep. & Sub. Electrical shopdarwing for Al Mutilla Booster Station	9d	18-Apr-16	27-Apr-16	113d
MTB-SD-210	Review & Approval of Electrical shopdarwing for Al Mutilla Booster Station	21d	28-Apr-16	30-May-16	117d
MTB-SD-220	Prep. & Submit Coordination Shop drawing for Al Mutilla Booster Station	5d	10-May-16	15-May-16	105d
MTB-SD-230	Review & Approval of Coordination Shop drawing for Al Mutilla Booster Station	21d	16-May-16	19-Jun-16	88d
MTB-SD-260	Prep. & Submit Piping Plan for Al Mutilla Booster Station	5d	18-Apr-16	23-Apr-16	122d
MTB-SD-270	Review & Approval of Piping Plan for Al Mutilla Booster Station	21d	24-Apr-16	24-May-16	102d
MTB-SD-280	Prep. & Submit Retaining wall Shopdrawing for Al Mutilla Booster Station	5d	22-Mar-16 A	27-Mar-16 A	
MTB-SD-290	Review & Approval of Retaining wall Shopdrawing for Arraba Reservoir	21d	27-Mar-16 A	21-Apr-16	196d
MTB-SD-300	Prep. & Submit Booster Station SCADA-PLC system for Al Mutilla Booster Station	5d	18-Apr-16	23-Apr-16	145d
MTB-SD-310	Review & Approval of Booster Station SCADA-PLC system for Al Mutilla Booster Station	21d	24-Apr-16	24-May-16	121d
MTB-SD-320	Prep. & Submit Shed Design for Al Mutilla Booster Station	20d	02-Apr-16	24-Apr-16	162d
MTB-SD-330	Review & Approval of Shed Design for Al Mutilla Booster Station	21d	25-Apr-16	25-May-16	135d
Road Shop drawing Submittals					
R-SD-1000	Prep. & Sub. of Shop drawing for Access Road to Jalqamus Reservoir (190 m of two-lane road with shoulder)	8d	25-Jan-16 A	31-Jan-16 A	
R-SD-1010	Review & Approval of Shop drawing for Access Road to Jalqamus Reservoir (190 m of two-lane road with shoulder)	21d	31-Jan-16 A	23-Feb-16 A	
R-SD-1020	Prep. & Sub. of Shop drawing for Access Road to Kuferit Reservoir (170 m of two-lane road with shoulder)	10d	26-Dec-15	30-Dec-15	
R-SD-1030	Review & Approval of Shop drawing for Access Road to Kuferit Reservoir (170 m of two-lane road with shoulder)	21d	30-Dec-15	25-Jan-16 A	
R-SD-1040	Prep. & Sub. of Shop drawing for Access Road to Ajja Reservoir (238 m of two-lane road with shoulder)	10d	01-Feb-16 A	09-Feb-16 A	
R-SD-1050	Review & Approval of Shop drawing for Access Road to Ajja Reservoir (238 m of two-lane road with shoulder)	21d	09-Feb-16 A	17-Feb-16 A	



Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

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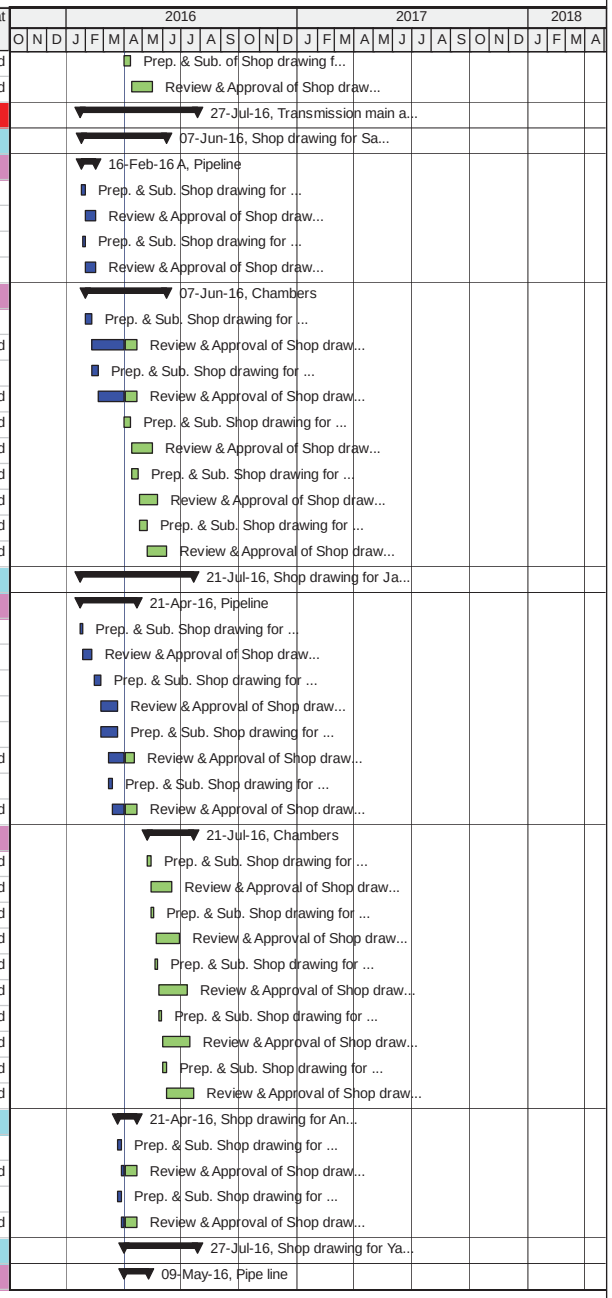
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
R-SD-1060	Prep. & Sub. of Shop drawing for Access Road to Kufr Rai Reservoir (62 m of two-lane road with shoulder)	10d	02-Apr-16	12-Apr-16	184d
R-SD-1070	Review & Approval of Shop drawing for Access Road to Kufr Rai Reservoir (62 m of two-lane road with shoulder)	21d	13-Apr-16	15-May-16	153d
Transmission main and supply pipelines Shop drawing Submittals					
Shop drawing for Sanur - Maythaloun Transmission Pipeline (250mm x 3.7 km)					
Pipeline					
SMT-SD-1000	Prep. & Sub. Shop drawing for Sanur Junction to Maythaloun Well (from St. SMT 0+000 to St. 1+000) (250mm)	10d	26-Jan-16 A	31-Jan-16 A	
SMT-SD-1010	Review & Approval of Shop drawing for Sanur Junction to Maythaloun Well (from St. SMT 0+000 to St. 1+000) (250mm)	21d	31-Jan-16 A	16-Feb-16 A	
SMT-SD-1020	Prep. & Sub. Shop drawing for Sanur Junction to Maythaloun Well (from St. SMT 1+000 to St. 3+700) (250mm)	10d	27-Jan-16 A	31-Jan-16 A	
SMT-SD-1030	Review & Approval of Shop drawing for Sanur Junction to Maythaloun Well (from St. SMT 1+000 to St. 3+700) (250mm)	21d	31-Jan-16 A	16-Feb-16 A	
Chambers					
SMT-SD-1050	Prep. & Sub. Shop drawing for Sanur Connection Chamber (CHD-103)	10d	01-Feb-16 A	11-Feb-16 A	
SMT-SD-1060	Review & Approval of Shop drawing for Sanur Connection Chamber (CHD-103)	21d	11-Feb-16 A	21-Apr-16	123d
SMT-SD-1070	Prep. & Sub. Shop drawing for Flow Monitoring Chamber at Station 3+620 (M-VCFM) - Sanur Transmission	10d	10-Feb-16 A	20-Feb-16 A	
SMT-SD-1080	Review & Approval of Shop drawing for Flow Monitoring Chamber at Station 3+620 (M-VCFM) - Sanur Transmission	21d	21-Feb-16 A	21-Apr-16	123d
SMT-SD-1090	Prep. & Sub. Shop drawing for Inlet Connection Chamber at Station 3+680 (CHD - 105)	10d	02-Apr-16	12-Apr-16	85d
SMT-SD-1100	Review & Approval of Shop drawing for Inlet Connection Chamber at Station 3+680 (CHD - 105)	21d	13-Apr-16	15-May-16	109d
SMT-SD-1110	Prep. & Sub. Shop drawing for Meithalun Well Outlet Connection Chamber 150mm (CCH-106)	10d	13-Apr-16	24-Apr-16	85d
SMT-SD-1120	Review & Approval of Shop drawing for Meithalun Well Outlet Connection Chamber 150mm (CCH-106)	21d	25-Apr-16	25-May-16	101d
SMT-SD-1130	Prep. & Sub. Shop drawing for Meithalun Well Outlet Connection Chamber 250mm (CCH-106)	10d	25-Apr-16	08-May-16	85d
SMT-SD-1140	Review & Approval of Shop drawing for Meithalun Well Outlet Connection Chamber 250mm (CCH-106)	21d	09-May-16	07-Jun-16	93d
Shop drawing for Jalqamus - Al Mutilla Transmission Pipeline					
Pipeline					
TJT-SD-1000	Prep. & Sub. Shop drawing for Talfit to Jalqamus Force line (from St. TJT 0+000 to St. 2+330) (150mm)	5d	24-Jan-16 A	27-Jan-16 A	
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	27-Jan-16 A	10-Feb-16 A	
TJT-SD-1020	Prep. & Sub. Shop drawing for Jalqamus to Um Atut Forceline (from St. TJT 0+000 to St. 1+800) (150mm)	5d	15-Feb-16 A	24-Feb-16 A	
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	24-Feb-16 A	23-Mar-16 A	
TJT-SD-1040	Prep. & Sub. Shop drawing for Um Atut - Al Mutilla Transmission Pipeline (from St. 0+000 to St. 3+400) (150mm)	5d	24-Feb-16 A	23-Mar-16 A	
TJT-SD-1050	Review & Approval of Shop drawing for Um Atut - Al Mutilla Transmission Pipeline (from St. 0+000 to St. 3+400) (150mm)	21d	08-Mar-16 A	17-Apr-16	66d
TJT-SD-1060	Prep. & Sub. Shop drawing for Al Mutilla Transmission Pipeline (from St. 0+000 to St. 1+720) (150mm)	5d	08-Mar-16 A	14-Mar-16 A	
TJT-SD-1070	Review & Approval of Shop drawing for Al Mutilla Transmission Pipeline (from St. 0+000 to St. 1+720) (150mm)	21d	14-Mar-16 A	21-Apr-16	90d
Chambers					
TJT-SD-1080	Prep. & Sub. Shop drawing for AAU Connection Chamber at Station 0+620 (CHD-155)	5d	09-May-16	14-May-16	85d
TJT-SD-1090	Review & Approval of Shop drawing for AAU Connection Chamber at Station 0+620 (CHD-155)	21d	15-May-16	15-Jun-16	89d
TJT-SD-1100	Prep. & Sub. Shop drawing for Tanin Connection Chamber at station 1+030	5d	15-May-16	19-May-16	85d
TJT-SD-1110	Review & Approval of Shop drawing for Tanin Connection Chamber at station 1+030	21d	22-May-16	27-Jun-16	88d
TJT-SD-1120	Prep. & Sub. Shop drawing for Jalqamous Connection Chamber (CHD-171)	5d	21-May-16	25-May-16	85d
TJT-SD-1130	Review & Approval of Shop drawing for Jalqamous Connection Chamber (CHD-171)	21d	26-May-16	10-Jul-16	80d
TJT-SD-1140	Prep. & Sub. Shop drawing for Umatut Connection Chamber (CHD-173)	5d	26-May-16	31-May-16	85d
TJT-SD-1150	Review & Approval of Shop drawing for Umatut Connection Chamber (CHD-173)	21d	01-Jun-16	14-Jul-16	76d
TJT-SD-1160	Prep. & Sub. Shop drawing for Al Mughayyir Connection Chamber (CHD-191)	5d	01-Jun-16	08-Jun-16	85d
TJT-SD-1170	Review & Approval of Shop drawing for Al Mughayyir Connection Chamber (CHD-191)	21d	08-Jun-16	21-Jul-16	72d
Shop drawing for Anza - Ajja Transmission Pipeline					
AAT-SD-1000	Prep. & Sub. Shop drawing for Ajja Feeder Pipeline (from St. AAT 0+000 to St. 1+290) (200mm)	5d	22-Mar-16 A	28-Mar-16 A	
AAT-SD-1010	Review & Approval of Shop drawing for Ajja Feeder Pipeline (from St. AAT 0+000 to St. 1+290) (200mm)	21d	28-Mar-16 A	21-Apr-16	124d
AAT-SD-1020	Prep. & Sub. Shop drawing for Ajja Force Line Pipeline (from St. AAT 0+000 to St. 1+080) (200mm)	5d	22-Mar-16 A	28-Mar-16 A	
AAT-SD-1030	Review & Approval of Shop drawing for Ajja Force Line Pipeline (from St. AAT 0+000 to St. 1+080) (200mm)	21d	28-Mar-16 A	21-Apr-16	133d
Shop drawing for Yabad - Kuferit Transmission Pipeline					
Pipe line					



Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

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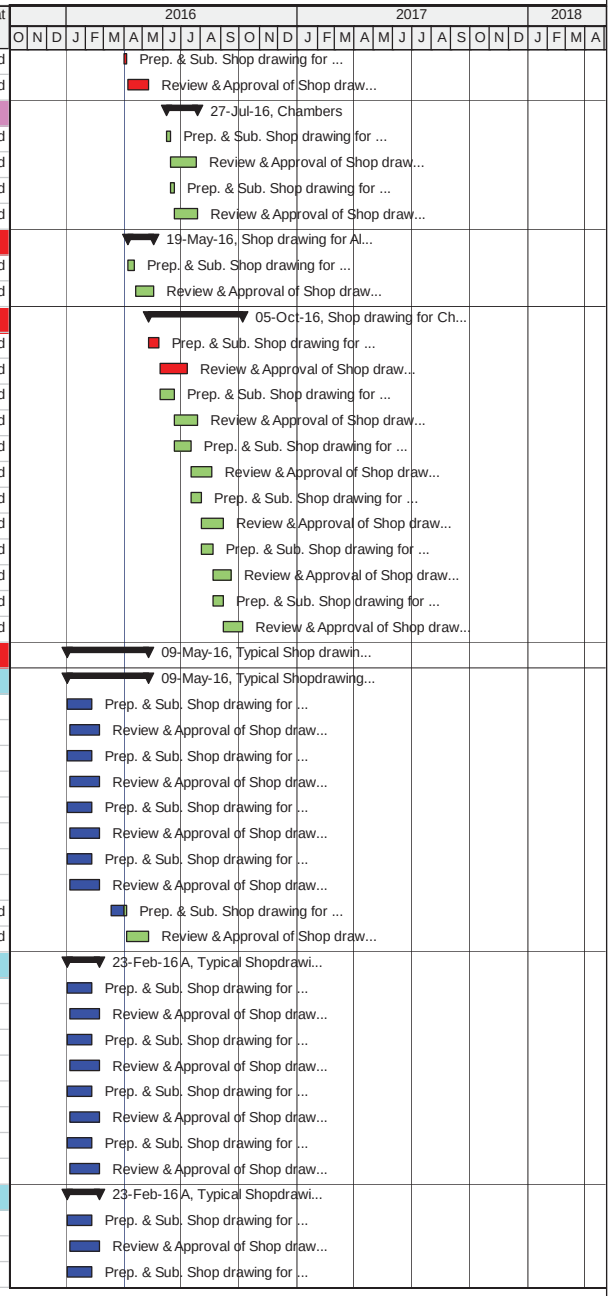
TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project

31-Mar-16 12:20

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
YKT-SD-1000	Prep. & Sub. Shop drawing for Yabad - Kuferit Transmission Pipeline (from St. YKT 0+000 to St. 2+300) (150mm)	5d	02-Apr-16	06-Apr-16	-2d
YKT-SD-1010	Review & Approval of Shop drawing for Yabad - Kuferit Transmission Pipeline (from St. YKT 0+000 to St. 2+300) (150mm)	21d	07-Apr-16	09-May-16	-2d
Chambers					
YKT-SD-1020	Prep. & Sub. Shop drawing for Connection Chamber at station 0+618 on 150mm pipe (CHF-122)	3d	08-Jun-16	13-Jun-16	85d
YKT-SD-1030	Review & Approval of Shop drawing for Connection Chamber at station 0+618 on 150mm pipe (CHF-122)	21d	14-Jun-16	25-Jul-16	85d
YKT-SD-1040	Prep. & Sub. Shop drawing for Future Connection to Kufiret Well (150mm Gate Valve at Station 1+220)	3d	14-Jun-16	19-Jun-16	85d
YKT-SD-1050	Review & Approval of Shop drawing for Future Connection to Kufiret Well (150mm Gate Valve at Station 1+220)	21d	19-Jun-16	27-Jul-16	71d
Shop drawing for Al Mutilla Distribution Network					
MTN-SD-1000	Prep. & Sub. Shop drawing for Al Mutilla Distribution Network	10d	07-Apr-16	18-Apr-16	105d
MTN-SD-1010	Review & Approval of Shop drawing for Al Mutilla Distribution Network	21d	19-Apr-16	19-May-16	84d
Shop drawing for Chamber Construction, Replacement, and Rehabilitation					
SWJ-CH-SD-1000	Prep. & Sub. Shop drawing for Monitoring Chamber (1) as per detail M-VCFM	15d	10-May-16	26-May-16	-3d
SWJ-CH-SD-1010	Review & Approval of Shop drawing for Monitoring Chamber (1) as per detail M-VCFM	21d	29-May-16	11-Jul-16	-3d
SWJ-CH-SD-1020	Prep. & Sub. Shop drawing for Monitoring Chamber (1) with Main Pipeline from Qabatiya Well	15d	28-May-16	19-Jun-16	59d
SWJ-CH-SD-1030	Review & Approval of Shop drawing for Monitoring Chamber (1) with Main Pipeline from Qabatiya Well	21d	19-Jun-16	27-Jul-16	121d
SWJ-CH-SD-1040	Prep. & Sub. Shop drawing for Raba Connection Chamber as per detail CHD-241	15d	19-Jun-16	16-Jul-16	59d
SWJ-CH-SD-1050	Review & Approval of Shop drawing for Raba Connection Chamber as per detail CHD-241	21d	17-Jul-16	17-Aug-16	99d
SWJ-CH-SD-1060	Prep. & Sub. Shop drawing for Talfit Connection Chamber as per detail CHD-242	15d	16-Jul-16	02-Aug-16	59d
SWJ-CH-SD-1070	Review & Approval of Shop drawing for Talfit Connection Chamber as per detail CHD-242	21d	02-Aug-16	05-Sep-16	77d
SWJ-CH-SD-1080	Prep. & Sub. Shop drawing for new Proposed Rama Connection Chamber as per detail CHD-242	15d	02-Aug-16	20-Aug-16	59d
SWJ-CH-SD-1090	Review & Approval of Shop drawing for new Proposed Rama Connection Chamber as per detail CHD-242	21d	21-Aug-16	18-Sep-16	53d
SWJ-CH-SD-1100	Prep. & Sub. Shop drawing for Monitoring Chamber (2) as per detail M-VCFM - Location 11	15d	20-Aug-16	06-Sep-16	66d
SWJ-CH-SD-1110	Review & Approval of Shop drawing for Monitoring Chamber (2) as per detail M-VCFM - Location 11	21d	06-Sep-16	05-Oct-16	58d
Typical Shop drawing for Chambers					
Typical Shopdrawing for Gate Valve Chambers					
SWJ-CH-SD-1120	Prep. & Sub. Shop drawing for 50mm Gate Valve Chamber	15d	02-Jan-16 A	11-Feb-16 A	
SWJ-CH-SD-1130	Review & Approval of Shop drawing for 50mm Gate Valve Chamber	21d	07-Jan-16 A	23-Feb-16 A	
SWJ-CH-SD-1140	Prep. & Sub. Shop drawing for 75mm Gate Valve Chamber	15d	02-Jan-16 A	11-Feb-16 A	
SWJ-CH-SD-1150	Review & Approval of Shop drawing for 75mm Gate Valve Chamber	21d	07-Jan-16 A	23-Feb-16 A	
SWJ-CH-SD-1180	Prep. & Sub. Shop drawing for 150mm Gate Valve Chamber	15d	02-Jan-16 A	11-Feb-16 A	
SWJ-CH-SD-1190	Review & Approval of Shop drawing for 150mm Gate Valve Chamber	21d	07-Jan-16 A	23-Feb-16 A	
SWJ-CH-SD-1200	Prep. & Sub. Shop drawing for 200mm Gate Valve Chamber	15d	02-Jan-16 A	11-Feb-16 A	
SWJ-CH-SD-1210	Review & Approval of Shop drawing for 200mm Gate Valve Chamber	21d	07-Jan-16 A	23-Feb-16 A	
SWJ-CH-SD-1220	Prep. & Sub. Shop drawing for 250mm Gate Valve Chamber	15d	13-Mar-16 A	06-Apr-16	142d
SWJ-CH-SD-1230	Review & Approval of Shop drawing for 250mm Gate Valve Chamber	21d	06-Apr-16	09-May-16	118d
Typical Shopdrawing for Wash out Chambers					
SWJ-CH-SD-1240	Prep. & Sub. Shop drawing for 75mm Washout Chamber on 150mm pipe	3d	02-Jan-16 A	11-Feb-16 A	
SWJ-CH-SD-1250	Review & Approval of Shop drawing for 75mm Washout Chamber on 150mm pipe	21d	07-Jan-16 A	23-Feb-16 A	
SWJ-CH-SD-1340	Prep. & Sub. Shop drawing for 50mm Washout Chamber on 75mm pipe	3d	02-Jan-16 A	11-Feb-16 A	
SWJ-CH-SD-1350	Review & Approval of Shop drawing for 50mm Washout Chamber on 75mm pipe	21d	07-Jan-16 A	23-Feb-16 A	
SWJ-CH-SD-1360	Prep. & Sub. Shop drawing for 100mm Washout Chamber on 250mm pipe	3d	02-Jan-16 A	11-Feb-16 A	
SWJ-CH-SD-1370	Review & Approval of Shop drawing for 100mm Washout Chamber on 250mm pipe	21d	07-Jan-16 A	23-Feb-16 A	
SWJ-CH-SD-1380	Prep. & Sub. Shop drawing for 75mm Washout Chamber on 200mm pipe	3d	02-Jan-16 A	11-Feb-16 A	
SWJ-CH-SD-1390	Review & Approval of Shop drawing for 75mm Washout Chamber on 200mm pipe	21d	07-Jan-16 A	23-Feb-16 A	
Typical Shopdrawing for Air Release Valve Chambers					
SWJ-CH-SD-1260	Prep. & Sub. Shop drawing for 50mm Air Release Valve Chamber on 75mm Pipe	3d	02-Jan-16 A	11-Feb-16 A	
SWJ-CH-SD-1270	Review & Approval of Shop drawing for 50mm Air Release Valve Chamber on 75mm Pipe	21d	07-Jan-16 A	23-Feb-16 A	
SWJ-CH-SD-1280	Prep. & Sub. Shop drawing for 75mm Air Release Valve Chamber on 150mm Pipe	3d	02-Jan-16 A	11-Feb-16 A	



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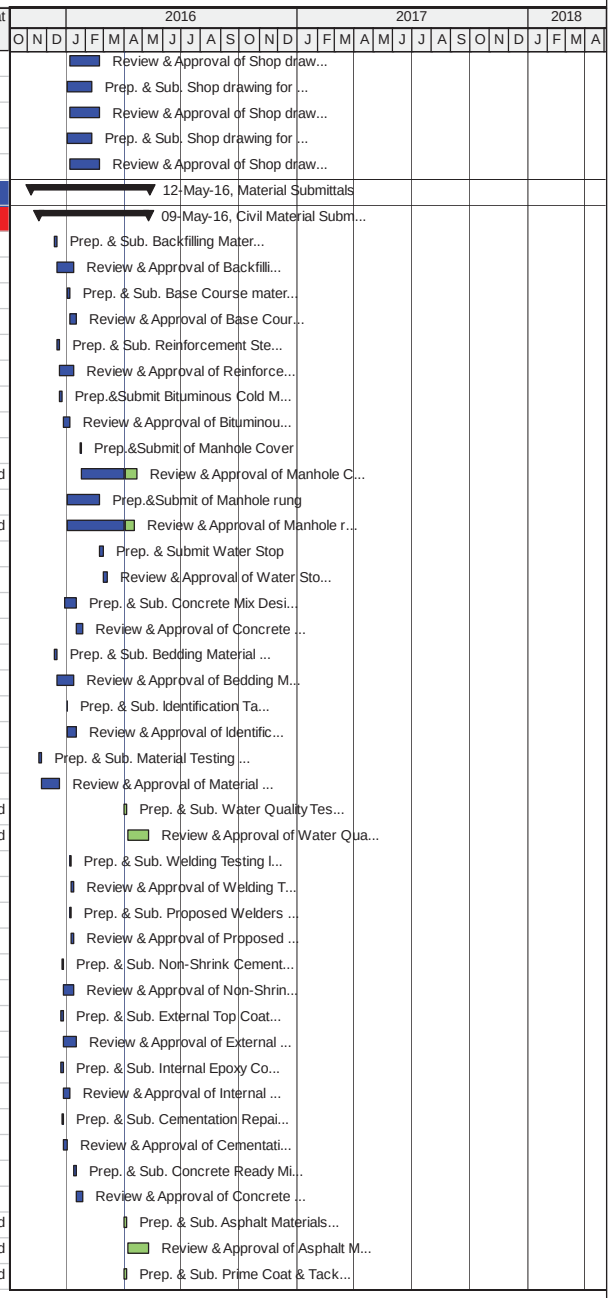
TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
SWJ-CH-SD-1290	Review & Approval of Shop drawing for 75mm Air Release Valve Chamber on 150mm Pipe	21d	07-Jan-16 A	23-Feb-16 A	
SWJ-CH-SD-1300	Prep. & Sub. Shop drawing for 75mm Air Release Valve Chamber on 200mm Pipe	3d	02-Jan-16 A	11-Feb-16 A	
SWJ-CH-SD-1310	Review & Approval of Shop drawing for 75mm Air Release Valve Chamber on 200mm Pipe	21d	07-Jan-16 A	23-Feb-16 A	
SWJ-CH-SD-1320	Prep. & Sub. Shop drawing for 100mm Air Release Valve Chamber on 250mm Pipe	3d	02-Jan-16 A	11-Feb-16 A	
SWJ-CH-SD-1330	Review & Approval of Shop drawing for 100mm Air Release Valve Chamber on 250mm Pipe	21d	07-Jan-16 A	23-Feb-16 A	
Material Submittals					
Civil Material Submittals					
SWJ-CMS-0990	Prep. & Sub. Backfilling Material Source	5d	13-Dec-15	17-Dec-15	
SWJ-CMS-1000	Review & Approval of Backfilling Material Source	21d	17-Dec-15	14-Jan-16 A	
SWJ-CMS-1010	Prep. & Sub. Base Course material Source	5d	02-Jan-16 A	06-Jan-16 A	
SWJ-CMS-1020	Review & Approval of Base Course material Source	21d	06-Jan-16 A	17-Jan-16 A	
SWJ-CMS-1030	Prep. & Sub. Reinforcement Steel Manufactures Data Sheets	5d	17-Dec-15	21-Dec-15	
SWJ-CMS-1040	Review & Approval of Reinforcement Steel Manufactures Data Sheets	21d	21-Dec-15	13-Jan-16 A	
SWJ-CMS-1050	Prep.&Submit Bituminous Cold Material	7d	22-Dec-15	26-Dec-15	
SWJ-CMS-1060	Review & Approval of Bituminous Cold Material	21d	27-Dec-15	07-Jan-16 A	
SWJ-CMS-1070	Prep.&Submit of Manhole Cover	7d	23-Jan-16 A	26-Jan-16 A	
SWJ-CMS-1080	Review & Approval of Manhole Cover	21d	26-Jan-16 A	21-Apr-16	196d
SWJ-CMS-1090	Prep.&Submit of Manhole rung	7d	02-Jan-16 A	23-Feb-16 A	
SWJ-CMS-1100	Review & Approval of Manhole rung	21d	03-Jan-16 A	17-Apr-16	201d
SWJ-CMS-1120	Prep. & Submit Water Stop	7d	22-Feb-16 A	29-Feb-16 A	
SWJ-CMS-1140	Review & Approval of Water Stop	21d	29-Feb-16 A	06-Mar-16 A	
SWJ-CMS-1150	Prep. & Sub. Concrete Mix Design	28d	29-Dec-15	18-Jan-16 A	
SWJ-CMS-1160	Review & Approval of Concrete Mix Design	21d	18-Jan-16 A	27-Jan-16 A	
SWJ-CMS-1170	Prep. & Sub. Bedding Material Source	5d	13-Dec-15	17-Dec-15	
SWJ-CMS-1180	Review & Approval of Bedding Material Source	21d	17-Dec-15	14-Jan-16 A	
SWJ-CMS-1200	Prep. & Sub. Identification Tape	5d	02-Jan-16 A	03-Jan-16 A	
SWJ-CMS-1210	Review & Approval of Identification Tape	21d	03-Jan-16 A	18-Jan-16 A	
SWJ-CMS-1240	Prep. & Sub. Material Testing lab	5d	19-Nov-15	24-Nov-15	
SWJ-CMS-1250	Review & Approval of Material Testing lab	21d	24-Nov-15	21-Dec-15	
SWJ-CMS-1260	Prep. & Sub. Water Quality Testing lab	5d	02-Apr-16	06-Apr-16	219d
SWJ-CMS-1270	Review & Approval of Water Quality Testing lab	21d	07-Apr-16	09-May-16	186d
SWJ-CMS-1280	Prep. & Sub. Welding Testing lab - Radiographic Third Party Testing Lab	5d	06-Jan-16 A	10-Jan-16 A	
SWJ-CMS-1290	Review & Approval of Welding Testing lab - Radiographic Third Party Testing Lab	21d	10-Jan-16 A	14-Jan-16 A	
SWJ-CMS-1300	Prep. & Sub. Proposed Welders for Welders Qualification Test – CVs	5d	07-Jan-16 A	10-Jan-16 A	
SWJ-CMS-1310	Review & Approval of Proposed Welders for Welders Qualification Test – CVs	21d	10-Jan-16 A	14-Jan-16 A	
SWJ-CMS-1320	Prep. & Sub. Non-Shrink Cementations Grout for Tie Rods (Conbextra HF)	5d	26-Dec-15	28-Dec-15	
SWJ-CMS-1330	Review & Approval of Non-Shrink Cementations Grout for Tie Rods (Conbextra HF)	21d	28-Dec-15	13-Jan-16 A	
SWJ-CMS-1340	Prep. & Sub. External Top Coating (Dekguard FC)& External Primer Coating (Nitocote SN522)	5d	24-Dec-15	28-Dec-15	
SWJ-CMS-1350	Review & Approval of External Top Coating (Dekguard FC)& External Primer Coating (Nitocote SN522)	21d	28-Dec-15	18-Jan-16 A	
SWJ-CMS-1360	Prep. & Sub. Internal Epoxy Coating (Nitocote EP405)	5d	24-Dec-15	28-Dec-15	
SWJ-CMS-1370	Review & Approval of Internal Epoxy Coating (Nitocote EP405)	21d	28-Dec-15	07-Jan-16 A	
SWJ-CMS-1380	Prep. & Sub. Cementation Repair Mortar (Renderoc FC)	5d	26-Dec-15	28-Dec-15	
SWJ-CMS-1390	Review & Approval of Cementation Repair Mortar (Renderoc FC)	21d	28-Dec-15	03-Jan-16 A	
SWJ-CMS-1400	Prep. & Sub. Concrete Ready Mix Company	5d	13-Jan-16 A	18-Jan-16 A	
SWJ-CMS-1410	Review & Approval of Concrete Ready Mix Company	21d	18-Jan-16 A	27-Jan-16 A	
SWJ-CMS-1420	Prep. & Sub. Asphalt Materials Source	5d	02-Apr-16	06-Apr-16	143d
SWJ-CMS-1430	Review & Approval of Asphalt Materials Source	21d	07-Apr-16	09-May-16	119d
SWJ-CMS-1440	Prep. & Sub. Prime Coat & Tack Coat	5d	02-Apr-16	06-Apr-16	143d



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

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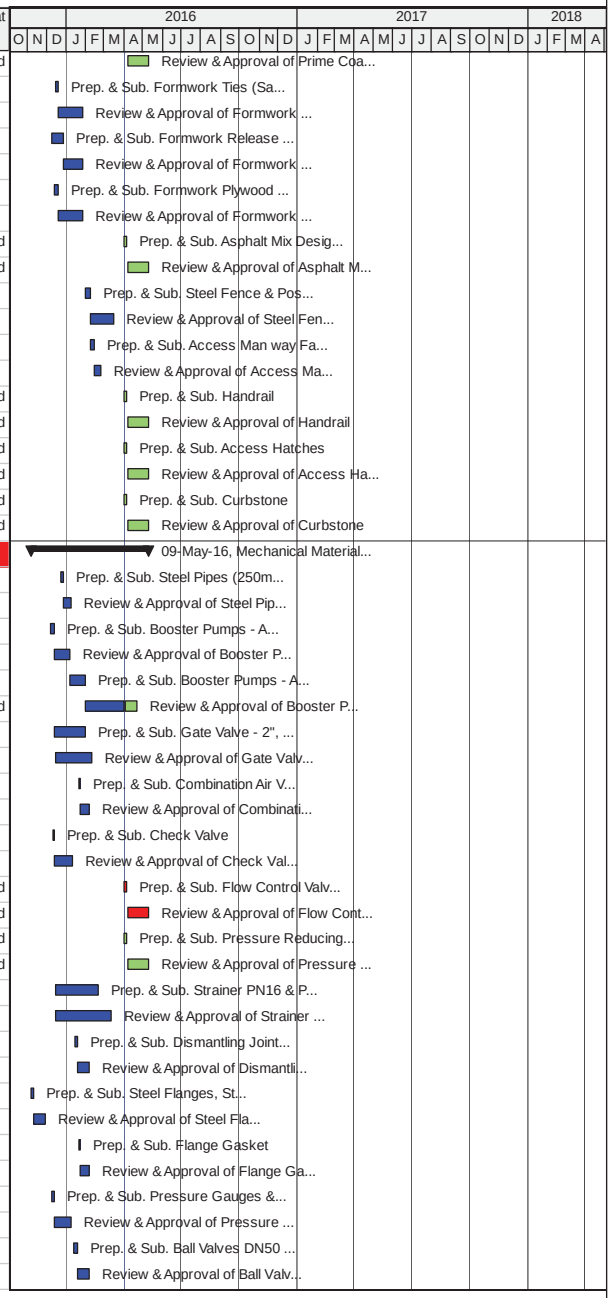
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
SWJ-CMS-1450	Review & Approval of Prime Coat & Tack Coat	21d	07-Apr-16	09-May-16	119d
SWJ-CMS-1460	Prep. & Sub. Formwork Ties (Sample)	5d	15-Dec-15	19-Dec-15	
SWJ-CMS-1470	Review & Approval of Formwork Ties (Sample)	21d	19-Dec-15	27-Jan-16 A	
SWJ-CMS-1480	Prep. & Sub. Formwork Release Agent	5d	10-Dec-15	27-Dec-15	
SWJ-CMS-1490	Review & Approval of Formwork Release Agent	21d	27-Dec-15	27-Jan-16 A	
SWJ-CMS-1500	Prep. & Sub. Formwork Plywood (Sample)	5d	14-Dec-15	19-Dec-15	
SWJ-CMS-1510	Review & Approval of Formwork Plywood (Sample)	21d	19-Dec-15	27-Jan-16 A	
SWJ-CMS-1540	Prep. & Sub. Asphalt Mix Design	5d	02-Apr-16	06-Apr-16	143d
SWJ-CMS-1550	Review & Approval of Asphalt Mix Design	21d	07-Apr-16	09-May-16	119d
SWJ-CMS-1560	Prep. & Sub. Steel Fence & Post	5d	01-Feb-16 A	09-Feb-16 A	
SWJ-CMS-1570	Review & Approval of Steel Fence & Post	21d	09-Feb-16 A	17-Mar-16 A	
SWJ-CMS-1580	Prep. & Sub. Access Man way Fabrication Detail	5d	09-Feb-16 A	15-Feb-16 A	
SWJ-CMS-1590	Review & Approval of Access Man way Fabrication Detail	21d	15-Feb-16 A	25-Feb-16 A	
SWJ-CMS-1600	Prep. & Sub. Handrail	5d	02-Apr-16	06-Apr-16	119d
SWJ-CMS-1610	Review & Approval of Handrail	21d	07-Apr-16	09-May-16	99d
SWJ-CMS-1620	Prep. & Sub. Access Hatches	5d	02-Apr-16	06-Apr-16	98d
SWJ-CMS-1630	Review & Approval of Access Hatches	21d	07-Apr-16	09-May-16	78d
SWJ-CMS-1640	Prep. & Sub. Curbstone	5d	02-Apr-16	06-Apr-16	125d
SWJ-CMS-1650	Review & Approval of Curbstone	21d	07-Apr-16	09-May-16	104d
Mechanical Material Submittals					
SWJ-MMS-1000	Prep. & Sub. Steel Pipes (250mm, 200mm, 150mm,100mm, 75mm, 50mm etc.)	15d	24-Dec-15	27-Dec-15	
SWJ-MMS-1010	Review & Approval of Steel Pipes (250mm, 200mm, 150mm,100mm, 75mm, 50mm etc.)	21d	27-Dec-15	10-Jan-16 A	
SWJ-MMS-1020	Prep. & Sub. Booster Pumps - AL MUTILLA BOOSTER	20d	08-Dec-15	14-Dec-15	
SWJ-MMS-1030	Review & Approval of Booster Pumps - AL MUTILLA BOOSTER	21d	14-Dec-15	07-Jan-16 A	
SWJ-MMS-1035	Prep. & Sub. Booster Pumps - AL MUTILLA BOOSTER - Second Submission	20d	07-Jan-16 A	01-Feb-16 A	
SWJ-MMS-1036	Review & Approval of Booster Pumps - AL MUTILLA BOOSTER - Second Submission	21d	01-Feb-16 A	21-Apr-16	2d
SWJ-MMS-1060	Prep. & Sub. Gate Valve - 2", 3" & 4"	10d	13-Dec-15	01-Feb-16 A	
SWJ-MMS-1070	Review & Approval of Gate Valve - 2", 3" & 4"	21d	15-Dec-15	11-Feb-16 A	
SWJ-MMS-1080	Prep. & Sub. Combination Air Valve	5d	21-Jan-16 A	24-Jan-16 A	
SWJ-MMS-1090	Review & Approval of Combination Air Valve	21d	24-Jan-16 A	07-Feb-16 A	
SWJ-MMS-1100	Prep. & Sub. Check Valve	5d	12-Dec-15	14-Dec-15	
SWJ-MMS-1110	Review & Approval of Check Valve	21d	14-Dec-15	11-Jan-16 A	
SWJ-MMS-1120	Prep. & Sub. Flow Control Valve	5d	02-Apr-16	06-Apr-16	-2d
SWJ-MMS-1130	Review & Approval of Flow Control Valve	21d	07-Apr-16	09-May-16	-2d
SWJ-MMS-1140	Prep. & Sub. Pressure Reducing Valve	5d	02-Apr-16	06-Apr-16	16d
SWJ-MMS-1150	Review & Approval of Pressure Reducing Valve	21d	07-Apr-16	09-May-16	13d
SWJ-MMS-1160	Prep. & Sub. Strainer PN16 & PN25	5d	15-Dec-15	21-Feb-16 A	
SWJ-MMS-1170	Review & Approval of Strainer PN16 & PN25	21d	15-Dec-15	13-Mar-16 A	
SWJ-MMS-1180	Prep. & Sub. Dismantling Joint PN16 & 25	5d	16-Jan-16 A	20-Jan-16 A	
SWJ-MMS-1190	Review & Approval of Dismantling Joint PN16 & 25	21d	20-Jan-16 A	07-Feb-16 A	
SWJ-MMS-1200	Prep. & Sub. Steel Flanges, Steel Fittings (elbows, reducers, tees, etc.)	5d	07-Nov-15	11-Nov-15	
SWJ-MMS-1210	Review & Approval of Steel Flanges, Steel Fittings (elbows, reducers, tees, etc.)	21d	11-Nov-15	30-Nov-15	
SWJ-MMS-1220	Prep. & Sub. Flange Gasket	5d	21-Jan-16 A	24-Jan-16 A	
SWJ-MMS-1230	Review & Approval of Flange Gasket	21d	24-Jan-16 A	07-Feb-16 A	
SWJ-MMS-1240	Prep. & Sub. Pressure Gauges & Snubbers	5d	09-Dec-15	14-Dec-15	
SWJ-MMS-1250	Review & Approval of Pressure Gauges & Snubbers	21d	14-Dec-15	10-Jan-16 A	
SWJ-MMS-1260	Prep. & Sub. Ball Valves DN50 & Smaller	5d	14-Jan-16 A	20-Jan-16 A	
SWJ-MMS-1270	Review & Approval of Ball Valves DN50 & Smaller	21d	20-Jan-16 A	07-Feb-16 A	



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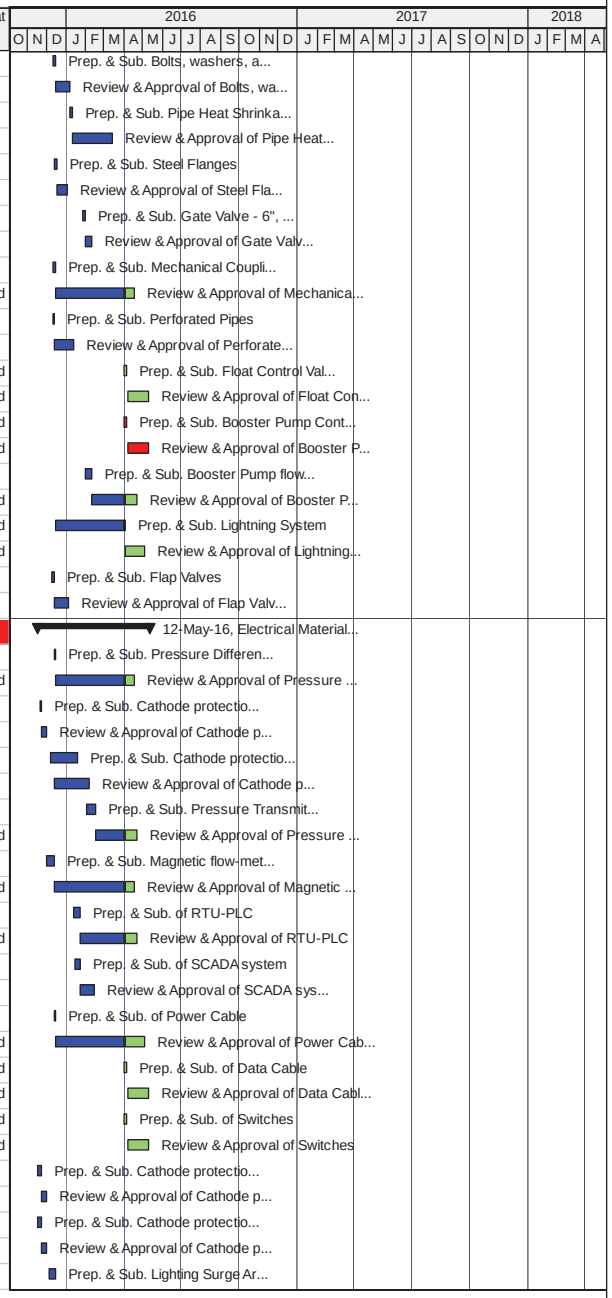
TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
SWJ-MMS-1280	Prep. & Sub. Bolts, washers, and nuts	5d	12-Dec-15	15-Dec-15	
SWJ-MMS-1290	Review & Approval of Bolts, washers, and nuts	21d	15-Dec-15	07-Jan-16 A	
SWJ-MMS-1300	Prep. & Sub. Pipe Heat Shrinkable Sleeve & Tape	5d	07-Jan-16 A	12-Jan-16 A	
SWJ-MMS-1310	Review & Approval of Pipe Heat Shrinkable Sleeve & Tape	21d	12-Jan-16 A	14-Mar-16 A	
SWJ-MMS-1320	Prep. & Sub. Steel Flanges	5d	13-Dec-15	17-Dec-15	
SWJ-MMS-1330	Review & Approval of Steel Flanges	21d	17-Dec-15	03-Jan-16 A	
SWJ-MMS-1340	Prep. & Sub. Gate Valve - 6", 8" & 10"- PN16-40	10d	27-Jan-16 A	01-Feb-16 A	
SWJ-MMS-1350	Review & Approval of Gate Valve - 6", 8" & 10"- PN16-40	21d	01-Feb-16 A	11-Feb-16 A	
SWJ-MMS-1360	Prep. & Sub. Mechanical Coupling	10d	12-Dec-15	15-Dec-15	
SWJ-MMS-1370	Review & Approval of Mechanical Coupling	21d	15-Dec-15	17-Apr-16	28d
SWJ-MMS-1380	Prep. & Sub. Perforated Pipes	10d	12-Dec-15	14-Dec-15	
SWJ-MMS-1390	Review & Approval of Perforated Pipes	21d	14-Dec-15	13-Jan-16 A	
SWJ-MMS-1400	Prep. & Sub. Float Control Valve	5d	02-Apr-16	06-Apr-16	16d
SWJ-MMS-1410	Review & Approval of Float Control Valve	21d	07-Apr-16	09-May-16	13d
SWJ-MMS-1420	Prep. & Sub. Booster Pump Control Valves	5d	02-Apr-16	06-Apr-16	-9d
SWJ-MMS-1430	Review & Approval of Booster Pump Control Valves	21d	07-Apr-16	09-May-16	-8d
SWJ-MMS-1440	Prep. & Sub. Booster Pump flow meter	5d	01-Feb-16 A	11-Feb-16 A	
SWJ-MMS-1450	Review & Approval of Booster Pump flow meter	21d	11-Feb-16 A	21-Apr-16	2d
SWJ-MMS-1520	Prep. & Sub. Lightning System	5d	15-Dec-15	03-Apr-16	6d
SWJ-MMS-1530	Review & Approval of Lightning System	21d	03-Apr-16	04-May-16	5d
SWJ-MMS-1600	Prep. & Sub. Flap Valves	5d	09-Dec-15	13-Dec-15	
SWJ-MMS-1610	Review & Approval of Flap Valves	21d	13-Dec-15	04-Jan-16 A	
Electrical Material Submittals					
SWJ-EMS-100	Prep. & Sub. Pressure Differential switches	9d	13-Dec-15	15-Dec-15	
SWJ-EMS-110	Review & Approval of Pressure differential switches	21d	15-Dec-15	17-Apr-16	16d
SWJ-EMS-140	Prep. & Sub. Cathode protection:High Potential Magnesium Anodes	5d	21-Nov-15	24-Nov-15	
SWJ-EMS-150	Review & Approval of Cathode protection: High Potential Magnesium Anodes	21d	24-Nov-15	01-Dec-15	
SWJ-EMS-160	Prep. & Sub. Cathode protection: Accessories, flanges insulating kit	5d	08-Dec-15	20-Jan-16 A	
SWJ-EMS-170	Review & Approval of Cathode protection: Accessories, flanges insulating kit	21d	14-Dec-15	07-Feb-16 A	
SWJ-EMS-180	Prep. & Sub. Pressure Transmitters	5d	03-Feb-16 A	16-Feb-16 A	
SWJ-EMS-190	Review & Approval of Pressure Transmitters	21d	16-Feb-16 A	21-Apr-16	11d
SWJ-EMS-200	Prep. & Sub. Magnetic flow-meters	5d	01-Dec-15	14-Dec-15	
SWJ-EMS-210	Review & Approval of Magnetic flow-meters	21d	14-Dec-15	17-Apr-16	16d
SWJ-EMS-220	Prep. & Sub. of RTU-PLC	20d	13-Jan-16 A	24-Jan-16 A	
SWJ-EMS-230	Review & Approval of RTU-PLC	21d	24-Jan-16 A	21-Apr-16	11d
SWJ-EMS-240	Prep. & Sub. of SCADA system	20d	16-Jan-16 A	24-Jan-16 A	
SWJ-EMS-250	Review & Approval of SCADA system	21d	24-Jan-16 A	15-Feb-16 A	
SWJ-EMS-260	Prep. & Sub. of Power Cable	5d	13-Dec-15	16-Dec-15	
SWJ-EMS-270	Review & Approval of Power Cable	21d	16-Dec-15	03-May-16	5d
SWJ-EMS-280	Prep. & Sub. of Data Cable	5d	02-Apr-16	06-Apr-16	2d
SWJ-EMS-290	Review & Approval of Data Cable	21d	07-Apr-16	09-May-16	1d
SWJ-EMS-320	Prep. & Sub. of Switches	5d	02-Apr-16	06-Apr-16	2d
SWJ-EMS-330	Review & Approval of Switches	21d	07-Apr-16	09-May-16	1d
SWJ-EMS-440	Prep. & Sub. Cathode protection: Test Stations	5d	17-Nov-15	24-Nov-15	
SWJ-EMS-450	Review & Approval of Cathode protection: Test Stations	21d	24-Nov-15	01-Dec-15	
SWJ-EMS-460	Prep. & Sub. Cathode protection: Accessories: Link Seal	5d	17-Nov-15	24-Nov-15	
SWJ-EMS-470	Review & Approval of Cathode protection: Accessories: Link Seal	21d	24-Nov-15	01-Dec-15	
SWJ-EMS-480	Prep. & Sub. Lighting Surge Arrestor	5d	05-Dec-15	15-Dec-15	



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

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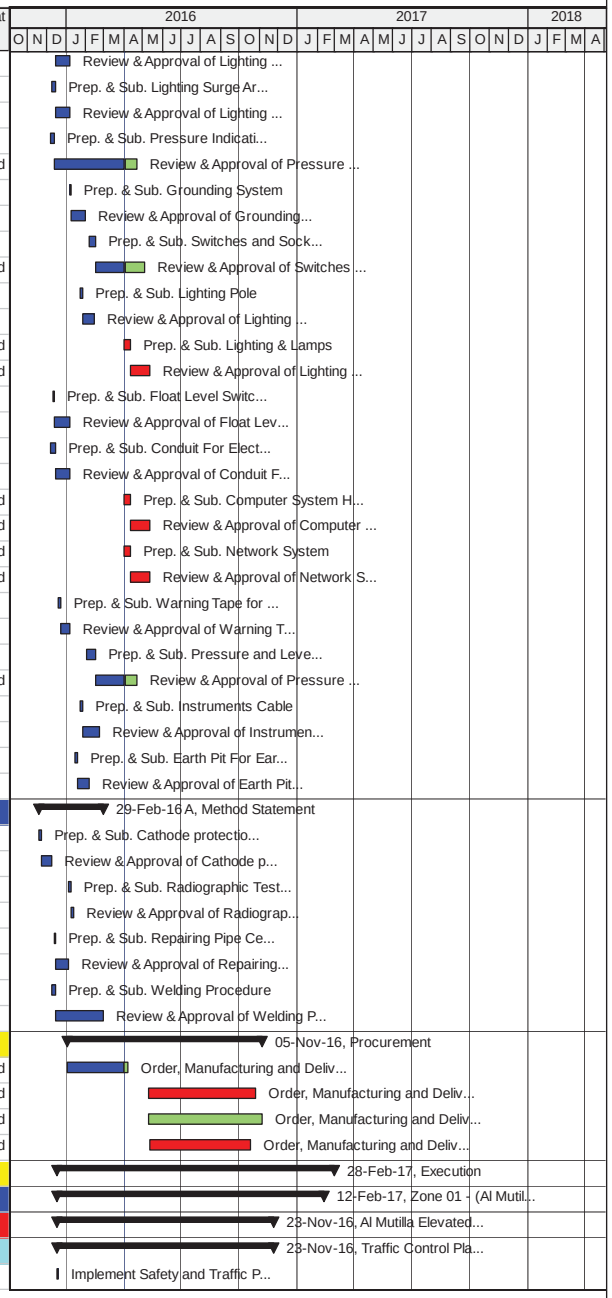
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
SWJ-EMS-490	Review & Approval of Lighting Surge Arrestor	21d	15-Dec-15	07-Jan-16 A	
SWJ-EMS-500	Prep. & Sub. Lighting Surge Arrestor Cabinet	5d	10-Dec-15	15-Dec-15	
SWJ-EMS-510	Review & Approval of Lighting Surge Arrestor Cabinet	21d	15-Dec-15	07-Jan-16 A	
SWJ-EMS-520	Prep. & Sub. Pressure Indicating Transmitter	9d	07-Dec-15	14-Dec-15	
SWJ-EMS-530	Review & Approval of Pressure Indicating Transmitter	21d	14-Dec-15	21-Apr-16	11d
SWJ-EMS-540	Prep. & Sub. Grounding System	9d	06-Jan-16 A	10-Jan-16 A	
SWJ-EMS-550	Review & Approval of Grounding System	21d	10-Jan-16 A	01-Feb-16 A	
SWJ-EMS-560	Prep. & Sub. Switches and Sockets	9d	07-Feb-16 A	16-Feb-16 A	
SWJ-EMS-570	Review & Approval of Switches and Sockets	21d	16-Feb-16 A	03-May-16	5d
SWJ-EMS-580	Prep. & Sub. Lighting Pole	9d	24-Jan-16 A	27-Jan-16 A	
SWJ-EMS-590	Review & Approval of Lighting Pole	21d	27-Jan-16 A	14-Feb-16 A	
SWJ-EMS-600	Prep. & Sub. Lighting & Lamps	9d	02-Apr-16	11-Apr-16	-2d
SWJ-EMS-610	Review & Approval of Lighting & Lamps	21d	12-Apr-16	12-May-16	-2d
SWJ-EMS-640	Prep. & Sub. Float Level Switch	9d	12-Dec-15	14-Dec-15	
SWJ-EMS-650	Review & Approval of Float Level Switch	21d	14-Dec-15	07-Jan-16 A	
SWJ-EMS-660	Prep. & Sub. Conduit For Electrical Work	9d	08-Dec-15	16-Dec-15	
SWJ-EMS-670	Review & Approval of Conduit For Electrical Work	21d	16-Dec-15	07-Jan-16 A	
SWJ-EMS-680	Prep. & Sub. Computer System Hardware	9d	02-Apr-16	11-Apr-16	-2d
SWJ-EMS-690	Review & Approval of Computer System Hardware	21d	12-Apr-16	12-May-16	-2d
SWJ-EMS-700	Prep. & Sub. Network System	9d	02-Apr-16	11-Apr-16	-2d
SWJ-EMS-710	Review & Approval of Network System	21d	12-Apr-16	12-May-16	-2d
SWJ-EMS-720	Prep. & Sub. Warning Tape for Electrical Work	9d	20-Dec-15	23-Dec-15	
SWJ-EMS-730	Review & Approval of Warning Tape for Electrical Work	21d	23-Dec-15	07-Jan-16 A	
SWJ-EMS-740	Prep. & Sub. Pressure and Level Instrument	9d	02-Feb-16 A	16-Feb-16 A	
SWJ-EMS-750	Review & Approval of Pressure and Level Instrument	21d	16-Feb-16 A	21-Apr-16	11d
SWJ-EMS-760	Prep. & Sub. Instruments Cable	9d	23-Jan-16 A	27-Jan-16 A	
SWJ-EMS-770	Review & Approval of Instruments Cable	21d	27-Jan-16 A	22-Feb-16 A	
SWJ-EMS-780	Prep. & Sub. Earth Pit For Earthing Electrode - With Sample.	9d	16-Jan-16 A	20-Jan-16 A	
SWJ-EMS-790	Review & Approval of Earth Pit For Earthing Electrode - With Sample.	21d	20-Jan-16 A	07-Feb-16 A	
Method Statement					
SWJ-MSS-1000	Prep. & Sub. Cathode protection Installation Method Statement	5d	18-Nov-15	24-Nov-15	
SWJ-MSS-1010	Review & Approval of Cathode protection Installation Method Statement	21d	24-Nov-15	09-Dec-15	
SWJ-MSS-1020	Prep. & Sub. Radiographic Testing method statement and safety plan	5d	05-Jan-16 A	10-Jan-16 A	
SWJ-MSS-1030	Review & Approval of Radiographic Testing method statement and safety plan	21d	10-Jan-16 A	14-Jan-16 A	
SWJ-MSS-1040	Prep. & Sub. Repairing Pipe Cement Mortar Lining method Statement	5d	13-Dec-15	15-Dec-15	
SWJ-MSS-1050	Review & Approval of Repairing Pipe Cement Mortar Lining method Statement	21d	15-Dec-15	04-Jan-16 A	
SWJ-MSS-1060	Prep. & Sub. Welding Procedure	10d	10-Dec-15	15-Dec-15	
SWJ-MSS-1070	Review & Approval of Welding Procedure	21d	15-Dec-15	29-Feb-16 A	
Procurement					
A1440	Order, Manufacturing and Delivery of Steel Pipes (250mm, 200mm, 150mm, etc.)	120d	03-Jan-16 A	08-Apr-16	0d
A1450	Order, Manufacturing and Delivery of Booster Pump	170d	10-May-16	26-Oct-16	-14d
A1460	Order, Manufacturing and Delivery of Mechanical Valves and fittings	180d	10-May-16	05-Nov-16	18d
A1470	Order, Manufacturing and Delivery of Electrical components and SCADA System	160d	13-May-16	19-Oct-16	-2d
Execution					
Zone 01 - (Al Mutilla and Jalqamus)					
Al Mutilla Elevated Reservoir – New Construction 500 m3					
Traffic Control Plan and Safety					
E-MTR-1030	Implement Safety and Traffic Plan	2d	17-Dec-15	20-Dec-15	



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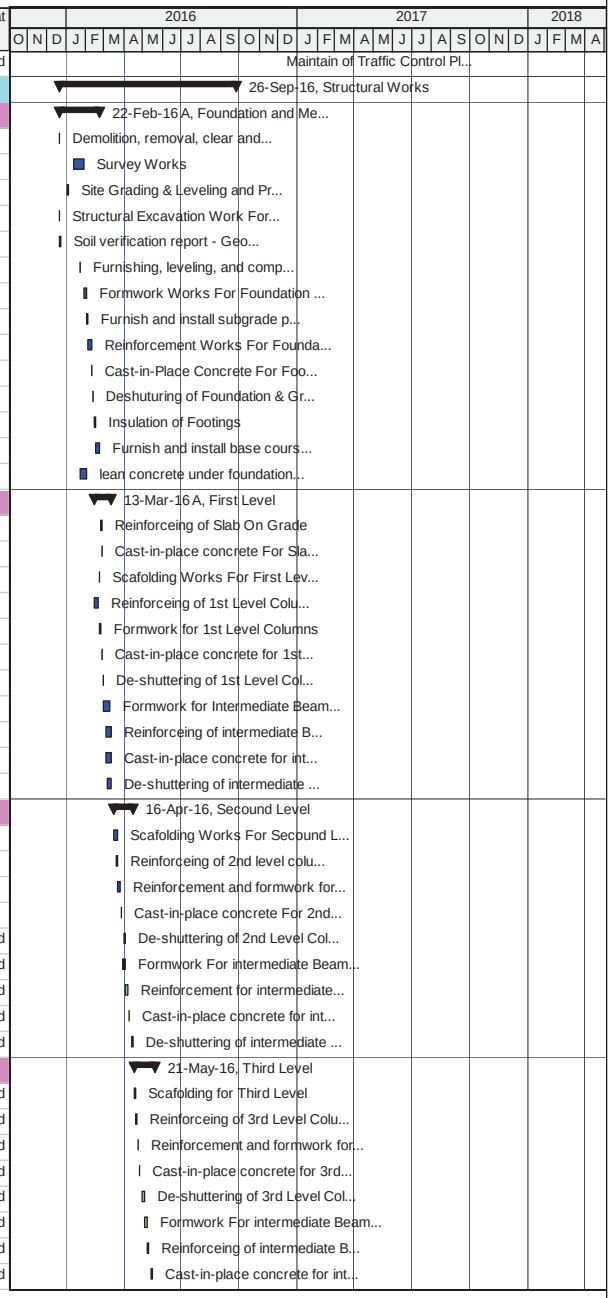
TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
E-MTR-1050	Maintain of Traffic Control Plan and Safety measures for Al Mutilla Elevated Reservoir	259d	20-Dec-15	23-Nov-16	-2d
Structural Works					
Foundation and Mechanical Room					
E-MTR-1040	Demolition, removal, clear and grub site	2d	21-Dec-15	21-Dec-15	
E-MTR-1060	Survey Works	1d	14-Jan-16 A	30-Jan-16 A	
E-MTR-1070	Site Grading & Leveling and Preparation	2d	03-Jan-16 A	05-Jan-16 A	
E-MTR-1080	Structural Excavation Work For Foundations & Grade Beams	5d	21-Dec-15	21-Dec-15	
E-MTR-1085	Soil verification report - Geotechnical report	3d	22-Dec-15	24-Dec-15	
E-MTR-1090	Furnishing, leveling, and compacting of subgrade layer under footing	3d	23-Jan-16 A	23-Jan-16 A	
E-MTR-1100	Formwork Works For Foundation & Grade Beams	5d	30-Jan-16 A	03-Feb-16 A	
E-MTR-1110	Furnish and install subgrade piping	3d	03-Feb-16 A	04-Feb-16 A	
E-MTR-1120	Reinforcement Works For Foundation & Ground Beams	6d	04-Feb-16 A	10-Feb-16 A	
E-MTR-1130	Cast-in-Place Concrete For Footings	1d	10-Feb-16 A	10-Feb-16 A	
E-MTR-1150	Deshuturing of Foundation & Grade Beams	2d	13-Feb-16 A	13-Feb-16 A	
E-MTR-1160	Insulation of Footings	2d	14-Feb-16 A	16-Feb-16 A	
E-MTR-1170	Furnish and install base course (200mm in depth) under Slab On Grade	5d	16-Feb-16 A	22-Feb-16 A	
E-MTR-1970	lean concrete under foundation for reservoir	3d	23-Jan-16 A	02-Feb-16 A	
First Level					
E-MTR-1180	Reinforceing of Slab On Grade	2d	24-Feb-16 A	27-Feb-16 A	
E-MTR-1190	Cast-in-place concrete For Slab On Grade	1d	27-Feb-16 A	27-Feb-16 A	
E-MTR-1200	Scafolding Works For First Level	3d	23-Feb-16 A	23-Feb-16 A	
E-MTR-1210	Reinforceing of 1st Level Columns	4d	14-Feb-16 A	21-Feb-16 A	
E-MTR-1250	Formwork for 1st Level Columns	2d	23-Feb-16 A	25-Feb-16 A	
E-MTR-1270	Cast-in-place concrete for 1st Level Columns	1d	27-Feb-16 A	27-Feb-16 A	
E-MTR-1290	De-shuttering of 1st Level Columns	1d	29-Feb-16 A	29-Feb-16 A	
E-MTR-1310	Formwork for Intermediate Beams & Stairs 1st Level	5d	29-Feb-16 A	10-Mar-16 A	
E-MTR-1330	Reinforceing of intermediate Beams & Stairs 1st Level	3d	05-Mar-16 A	12-Mar-16 A	
E-MTR-1360	Cast-in-place concrete for intermediate Beams & Stairs 1st Level	1d	05-Mar-16 A	12-Mar-16 A	
E-MTR-1400	De-shuttering of intermediate Beams & Stairs 1st Level	2d	06-Mar-16 A	13-Mar-16 A	
Secound Level					
E-MTR-1410	Scafolding Works For Secound Level	3d	17-Mar-16 A	23-Mar-16 A	
E-MTR-1420	Reinforceing of 2nd level columns	2d	20-Mar-16 A	23-Mar-16 A	
E-MTR-1430	Reinforcement and formwork for 2nd Level Columns and Valve Room walls	4d	23-Mar-16 A	27-Mar-16 A	
E-MTR-1440	Cast-in-place concrete For 2nd Level Columns and Valve Room walls	1d	29-Mar-16 A	29-Mar-16 A	
E-MTR-1460	De-shuttering of 2nd Level Columns	2d	02-Apr-16	03-Apr-16	270d
E-MTR-1470	Formwork For intermediate Beams & Stairs 2nd Level and Valve room slab	3d	30-Mar-16 A	03-Apr-16	9d
E-MTR-1490	Reinforcement for intermediate Beams & Stairs 2nd Level and Valve room slab	4d	04-Apr-16	07-Apr-16	9d
E-MTR-1500	Cast-in-place concrete for intermediate beams Beams & Stairs 2nd Level and Valve room slab	1d	09-Apr-16	09-Apr-16	9d
E-MTR-1510	De-shuttering of intermediate Beams & Stairs 2nd Level	3d	13-Apr-16	16-Apr-16	9d
Third Level					
E-MTR-1520	Scafolding for Third Level	3d	17-Apr-16	19-Apr-16	9d
E-MTR-1530	Reinforceing of 3rd Level Columns	2d	20-Apr-16	21-Apr-16	9d
E-MTR-1540	Reinforcement and formwork for 3rd Level Columns	2d	23-Apr-16	24-Apr-16	9d
E-MTR-1550	Cast-in-place concrete for 3rd Level Columns	1d	25-Apr-16	25-Apr-16	9d
E-MTR-1560	De-shuttering of 3rd Level Columns	2d	30-Apr-16	03-May-16	9d
E-MTR-1570	Formwork For intermediate Beams & Stairs 3rd Level	3d	04-May-16	07-May-16	9d
E-MTR-1580	Reinforceing of intermediate Beams & Stairs 3rd Level	3d	08-May-16	10-May-16	9d
E-MTR-1590	Cast-in-place concrete for intermediate Beams & Stairs 3rd Level	1d	15-May-16	15-May-16	9d



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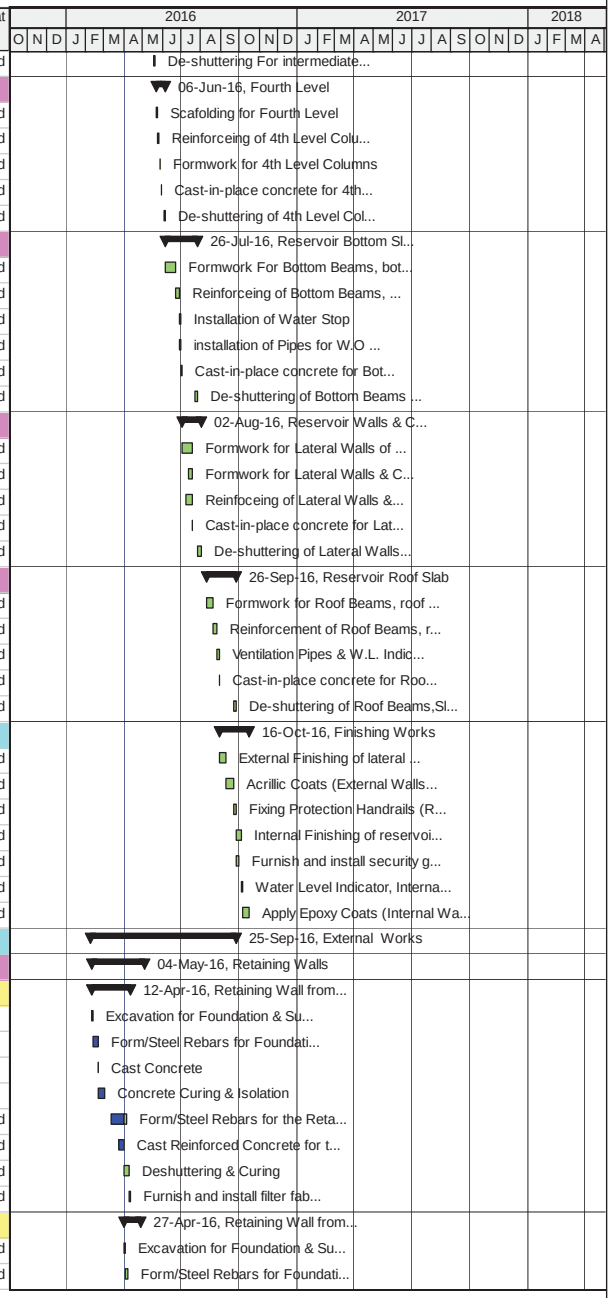
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
E-MTR-1600	De-shuttering For intermediate Beams & Stairs 3rd Level	2d	19-May-16	21-May-16	9d
Fourth Level					
E-MTR-1610	Scafolding for Fourth Level	3d	22-May-16	24-May-16	9d
E-MTR-1620	Reinforceing of 4th Level Columns	2d	25-May-16	26-May-16	9d
E-MTR-1630	Formwork for 4th Level Columns	2d	28-May-16	29-May-16	9d
E-MTR-1640	Cast-in-place concrete for 4th Level Columns	1d	30-May-16	30-May-16	9d
E-MTR-1650	De-shuttering of 4th Level Columns	2d	04-Jun-16	06-Jun-16	9d
Reservoir Bottom Slab					
E-MTR-1660	Formwork For Bottom Beams, bottom Slab &Stairs of Reservoir	8d	06-Jun-16	21-Jun-16	9d
E-MTR-1670	Reinforceing of Bottom Beams, bottom Slab &Stairs of R.voir	4d	21-Jun-16	28-Jun-16	9d
E-MTR-1680	Installation of Water Stop	1d	28-Jun-16	30-Jun-16	9d
E-MTR-1690	installation of Pipes for W.O & Over Flow , inlet, outlet	1d	28-Jun-16	30-Jun-16	9d
E-MTR-1700	Cast-in-place concrete for Bottom Beams, Bottom Slab & Stairs of R.voir	1d	30-Jun-16	02-Jul-16	9d
E-MTR-1770	De-shuttering of Bottom Beams & Slab&Stair of R.oir	3d	23-Jul-16	26-Jul-16	78d
Reservoir Walls & Columns					
E-MTR-1720	Formwork for Lateral Walls of reservoir - Exterior	11d	02-Jul-16	19-Jul-16	9d
E-MTR-1730	Formwork for Lateral Walls & Central Column - Interior	5d	12-Jul-16	18-Jul-16	9d
E-MTR-1740	Reinfoceing of Lateral Walls & Central Column	8d	09-Jul-16	18-Jul-16	9d
E-MTR-1750	Cast-in-place concrete for Lateral Walls & Central Column	1d	18-Jul-16	19-Jul-16	9d
E-MTR-1780	De-shuttering of Lateral Walls & Central Columns	5d	27-Jul-16	02-Aug-16	9d
Reservoir Roof Slab					
E-MTR-1800	Formwork for Roof Beams, roof Slab & Stairs	8d	10-Aug-16	20-Aug-16	9d
E-MTR-1810	Reinforcement of Roof Beams, roof Slab & Stair	6d	20-Aug-16	27-Aug-16	9d
E-MTR-1820	Ventilation Pipes & W.L. Indicators	3d	27-Aug-16	30-Aug-16	9d
E-MTR-1830	Cast-in-place concrete for Roof Beams,Slab & Stair	1d	30-Aug-16	31-Aug-16	9d
E-MTR-1860	De-shuttering of Roof Beams,Slab & Stair	4d	21-Sep-16	26-Sep-16	9d
Finishing Works					
E-MTR-1840	External Finishing of lateral walls of reservoir and Filling of Pin Holles	8d	31-Aug-16	10-Sep-16	44d
E-MTR-1850	Acrillic Coats (External Walls) & Base	6d	10-Sep-16	21-Sep-16	44d
E-MTR-1870	Fixing Protection Handrails (Roof,Stairs,R.voi)	4d	21-Sep-16	26-Sep-16	44d
E-MTR-1890	Internal Finishing of reservoir	7d	26-Sep-16	04-Oct-16	9d
E-MTR-1900	Furnish and install security gate and fence at reservoir base	3d	26-Sep-16	29-Sep-16	44d
E-MTR-1910	Water Level Indicator, Internal ladder and Hatch cover	2d	04-Oct-16	06-Oct-16	9d
E-MTR-1920	Apply Epoxy Coats (Internal Walls) & Base	8d	06-Oct-16	16-Oct-16	9d
External Works					
Retaining Walls					
Retaining Wall from Station 01 to station 03 (South)					
E-MTR-5000	Excavation for Foundation & Subgrade layer Compaction	2d	11-Feb-16 A	12-Feb-16 A	
E-MTR-5010	Form/Steel Rebars for Foundation	4d	13-Feb-16 A	20-Feb-16 A	
E-MTR-5040	Cast Concrete	1d	20-Feb-16 A	20-Feb-16 A	
E-MTR-5060	Concrete Curing & Isolation	7d	21-Feb-16 A	02-Mar-16 A	
E-MTR-5070	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	10d	13-Mar-16 A	06-Apr-16	267d
E-MTR-5160	Cast Reinforced Concrete for the Retaining Wall	1d	24-Mar-16 A	02-Apr-16	147d
E-MTR-5180	Deshuttering & Curing	7d	02-Apr-16	10-Apr-16	147d
E-MTR-5210	Furnish and install filter fabric and Base Course 150mm	2d	10-Apr-16	12-Apr-16	147d
Retaining Wall from Station 03 to station 05 (North)					
E-MTR-5020	Excavation for Foundation & Subgrade layer Compaction	2d	02-Apr-16	03-Apr-16	133d
E-MTR-5050	Form/Steel Rebars for Foundation	4d	04-Apr-16	07-Apr-16	133d



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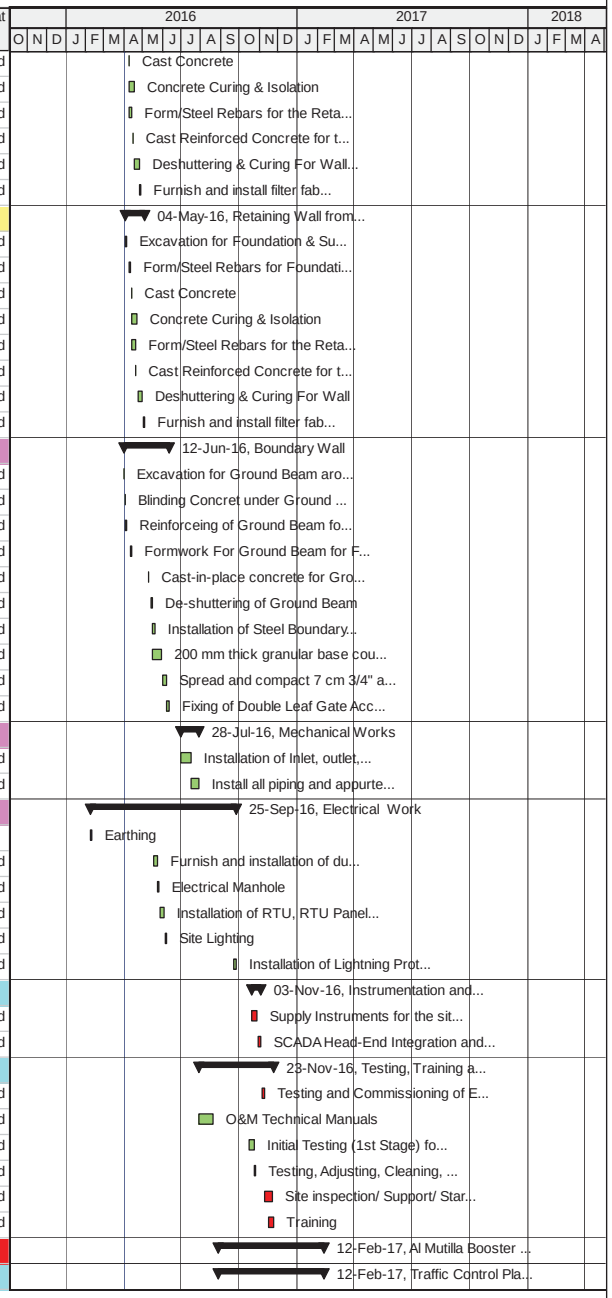
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
E-MTR-5080	Cast Concrete	1d	09-Apr-16	09-Apr-16	135d
E-MTR-5100	Concrete Curing & Isolation	7d	10-Apr-16	17-Apr-16	135d
E-MTR-5110	Form/Steel Rebars for the Retaining Walls with Drain System - Fence Steel Props Installation	5d	10-Apr-16	14-Apr-16	136d
E-MTR-5150	Cast Reinforced Concrete for the Retaining Wall	1d	16-Apr-16	16-Apr-16	136d
E-MTR-5170	Deshuttering & Curing For Walls	7d	18-Apr-16	25-Apr-16	135d
E-MTR-5220	Furnish and install filter fabric and Base Course 150mm	2d	26-Apr-16	27-Apr-16	135d
Retaining Wall from Station 06 to station 01 (West)					
E-MTR-5030	Excavation for Foundation & Subgrade layer Compaction	2d	04-Apr-16	05-Apr-16	135d
E-MTR-5090	Form/Steel Rebars for Foundation	4d	09-Apr-16	12-Apr-16	133d
E-MTR-5120	Cast Concrete	1d	13-Apr-16	13-Apr-16	133d
E-MTR-5130	Concrete Curing & Isolation	7d	14-Apr-16	21-Apr-16	133d
E-MTR-5140	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	5d	14-Apr-16	19-Apr-16	134d
E-MTR-5190	Cast Reinforced Concrete for the Retaining Wall	1d	20-Apr-16	20-Apr-16	134d
E-MTR-5200	Deshuttering & Curing For Wall	7d	23-Apr-16	30-Apr-16	133d
E-MTR-5230	Furnish and install filter fabric and Base Course 150mm	2d	03-May-16	04-May-16	133d
Boundary Wall					
E-MTR-1220	Excavation for Ground Beam around Yard for Fence	1d	02-Apr-16	02-Apr-16	137d
E-MTR-1230	Blinding Concret under Ground Beam for Fence	1d	03-Apr-16	03-Apr-16	144d
E-MTR-1260	Reinforceing of Ground Beam for Fence	3d	04-Apr-16	06-Apr-16	144d
E-MTR-1320	Formwork For Ground Beam for Fence	3d	11-Apr-16	13-Apr-16	144d
E-MTR-1340	Cast-in-place concrete for Ground Beam for Fence	1d	10-May-16	10-May-16	124d
E-MTR-1370	De-shuttering of Ground Beam	1d	15-May-16	15-May-16	124d
E-MTR-1380	Installation of Steel Boundary Fence	5d	16-May-16	21-May-16	140d
E-MTR-1390	200 mm thick granular base course and Concrete Sidewalk as per Detail C-416	14d	16-May-16	31-May-16	124d
E-MTR-1450	Spread and compact 7 cm 3/4" asphalt concrete (7cm after compaction) with MCO prime coat for Yard	5d	01-Jun-16	08-Jun-16	124d
E-MTR-1480	Fixing of Double Leaf Gate Access gate as per detail C-117	2d	08-Jun-16	12-Jun-16	124d
Mechanical Works					
E-MTR-1710	Installation of Inlet, outlet, washout and overflow Pipes in the Yard including Riprap as per Detail C-332	10d	30-Jun-16	17-Jul-16	63d
E-MTR-1760	Install all piping and appurtenances including control valve, backflow valve, check valve, misc	10d	17-Jul-16	28-Jul-16	63d
Electrical Work					
E-MTR-1140	Earthing	3d	09-Feb-16 A	10-Feb-16 A	
E-MTR-1240	Furnish and installation of duct banks, Cables & Electrical Utility power supply	5d	19-May-16	24-May-16	99d
E-MTR-1280	Electrical Manhole	2d	25-May-16	26-May-16	99d
E-MTR-1300	Installation of RTU, RTU Panel and breaker Panel, electrical conduit and wire complete for RTU	7d	28-May-16	04-Jun-16	99d
E-MTR-1350	Site Lighting	2d	05-Jun-16	08-Jun-16	126d
E-MTR-1880	Installation of Lightning Protection and Grounding System	3d	21-Sep-16	25-Sep-16	48d
Instrumentation and SCADA Programming					
E-MTR-1000	Supply Instruments for the site and its facilities and Structures per section 13500A, P&ID	8d	20-Oct-16	29-Oct-16	-2d
E-MTR-1010	SCADA Head-End Integration and Programming	5d	30-Oct-16	03-Nov-16	-2d
Testing, Training and Commissioning					
E-MTR-1020	Testing and Commissioning of Electrical and Control System and Equipment	5d	05-Nov-16	09-Nov-16	-2d
E-MTR-1790	O&M Technical Manuals	20d	28-Jul-16	21-Aug-16	63d
E-MTR-1930	Initial Testing (1st Stage) for Water Tightness	7d	16-Oct-16	24-Oct-16	9d
E-MTR-1940	Testing, Adjusting, Cleaning, Disinfection, Commissioning, and Operator Instruction 2nd Stage	3d	24-Oct-16	27-Oct-16	9d
E-MTR-1950	Site inspection/ Support/ Start up	9d	10-Nov-16	21-Nov-16	-2d
E-MTR-1960	Training	7d	16-Nov-16	23-Nov-16	-2d
Al Mutilla Booster Station					
Traffic Control Plan and Safety Measures					



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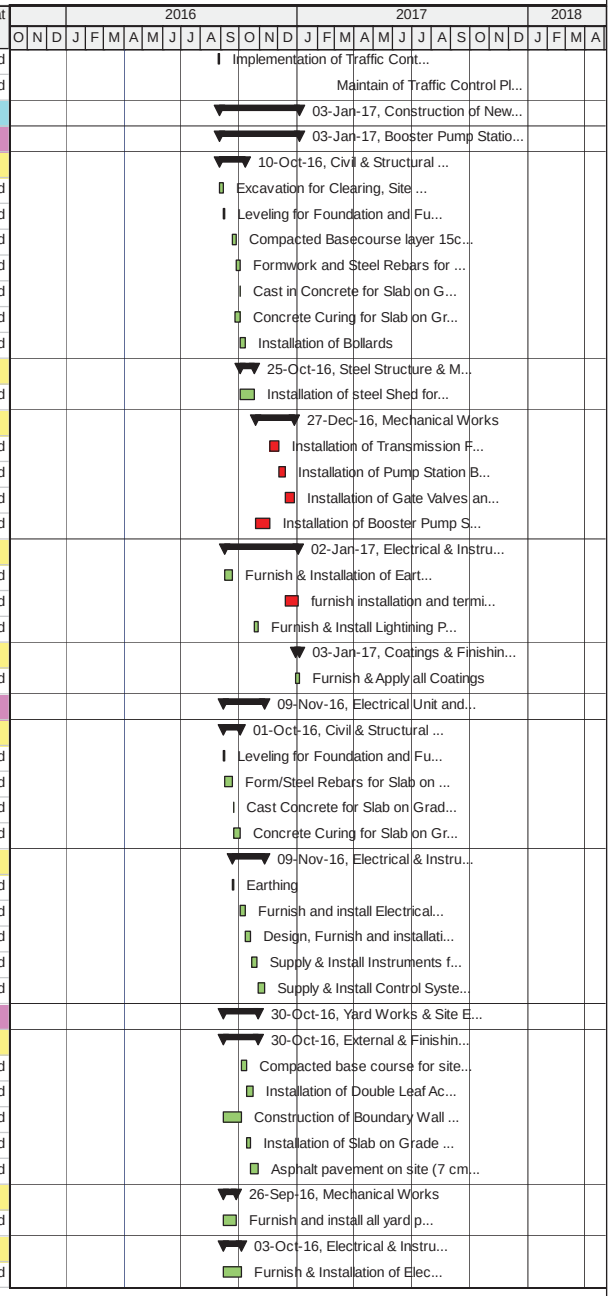
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
MTB-005	Implementation of Traffic Control Plan and Safety Measure	3d	28-Aug-16	31-Aug-16	156d
MTB-006	Maintain of Traffic Control Plan and Safety measures for Al Mutilla Booster Station	126d	31-Aug-16	12-Feb-17	-12d
Construction of New Pump Station					
Booster Pump Station and Transmission Flow Meter					
Civil & Structural Works					
MTB-010	Excavation for Clearing, Site Grading & Preparation	4d	31-Aug-16	05-Sep-16	10d
MTB-BP-040	Leveling for Foundation and Furnishing, leveling, and compacting of subgrade layer	3d	05-Sep-16	08-Sep-16	10d
MTB-BP-050	Compacted Basecourse layer 15cm for Booster Pump Slab and Transmission Flow Meter Pad	5d	19-Sep-16	25-Sep-16	10d
MTB-BP-060	Formwork and Steel Rebars for Slab on Grade of Booster Pump and Transmission Flow Meter Pad	4d	26-Sep-16	01-Oct-16	9d
MTB-BP-070	Cast in Concrete for Slab on Grade of Booster Pump and Transmission Flow Meter Pad	1d	01-Oct-16	02-Oct-16	9d
MTB-BP-080	Concrete Curing for Slab on Grade of Booster Pump and Transmission Flow Meter Pad	7d	24-Sep-16	02-Oct-16	9d
MTB-BP-130	Installation of Bollards	7d	02-Oct-16	10-Oct-16	84d
Steel Structure & Metal Works					
MTB-BP-000115	Installation of steel Shed for Booster Pump	20d	02-Oct-16	25-Oct-16	66d
Mechanical Works					
MTB-BP-M-00005	Installation of Transmission Flow Meter Pad includuing 50mm and 150 mm pipes, reducers and supports	12d	19-Nov-16	01-Dec-16	-12d
MTB-BP-M-00010	Installation of Pump Station Bypass Piping includuing 150 mm pipes, reducers and supports	9d	03-Dec-16	12-Dec-16	-12d
MTB-BP-M-00012	Installation of Gate Valves and Swing Check Valve 150mm and Transmission Flow Meter Pad	10d	13-Dec-16	27-Dec-16	-12d
MTB-BP-M-12	Installation of Booster Pump Skid including Pump inlet Header and Pump discharge header	18d	27-Oct-16	17-Nov-16	-12d
Electrical & Instrumentation Works					
MTB-BP-E-00010	Furnish & Installation of Earthing, Ductbanks & Raceway	5d	08-Sep-16	19-Sep-16	10d
MTB-BP-E-00020	furnish installation and termination of transmission pump power and controls wire	14d	13-Dec-16	02-Jan-17	-10d
MTB-BP-E-00050	Furnish & Install Lightning Protection, Recepticles & Process Control Instrumentation	5d	25-Oct-16	31-Oct-16	66d
Coatings & Finishing Works					
MTB-BP-000130	Furnish & Apply all Coatings	5d	28-Dec-16	03-Jan-17	16d
Electrical Unit and Transfromer					
Civil & Structural Works					
MTB-ET-1090	Leveling for Foundation and Furnishing, leveling, and compacting of subgrade layer and BC 150mm	3d	05-Sep-16	08-Sep-16	39d
MTB-ET-1100	Form/Steel Rebars for Slab on Grade of Electrical unit and Transformer Pad	6d	08-Sep-16	20-Sep-16	39d
MTB-ET-1110	Cast Concrete for Slab on Grade of Electrical unit and Transformer Pad	1d	21-Sep-16	22-Sep-16	39d
MTB-ET-1120	Concrete Curing for Slab on Grade of Electrical unit and Transformer Pad	7d	22-Sep-16	01-Oct-16	39d
Electrical & Instrumentation Works					
MTB-ET-1000	Earthing	1d	20-Sep-16	21-Sep-16	39d
MTB-ET-1010	Furnish and install Electrical Systems and Equipment including panels, wires, conduits, cables, etc.	8d	01-Oct-16	10-Oct-16	39d
MTB-ET-1040	Design, Furnish and installation of Lightning Protection and Grounding System	8d	10-Oct-16	19-Oct-16	39d
MTB-ET-1050	Supply & Install Instruments for the site and its facilities and Structures per section 13500A	8d	20-Oct-16	29-Oct-16	31d
MTB-ET-1060	Supply & Install Control System and SCADA Software including Protective Device and Coordination Studies	10d	30-Oct-16	09-Nov-16	31d
Yard Works & Site Electrical Power					
External & Finishing Works					
MTB-YW-070	Compacted base course for site grading, 200 mm layer	9d	03-Oct-16	13-Oct-16	56d
MTB-YW-090	Installation of Double Leaf Access Gate	8d	13-Oct-16	23-Oct-16	73d
MTB-YW-100	Construction of Boundary Wall and Fence	20d	05-Sep-16	03-Oct-16	82d
MTB-YW-110	Installation of Slab on Grade and Decomposed Granite	5d	13-Oct-16	19-Oct-16	56d
MTB-YW-120	Asphalt pavement on site (7 cm), ¾" asphalt mix design including MC	9d	19-Oct-16	30-Oct-16	56d
Mechanical Works					
MTB-YW-M-010	Furnish and install all yard piping and mechanical equipment	14d	05-Sep-16	26-Sep-16	14d
Electrical & Instrumentation Works					
MTB-YW-E-010	Furnish & Installation of Electrical Manholes and Electrical Utility power supply	20d	05-Sep-16	03-Oct-16	56d



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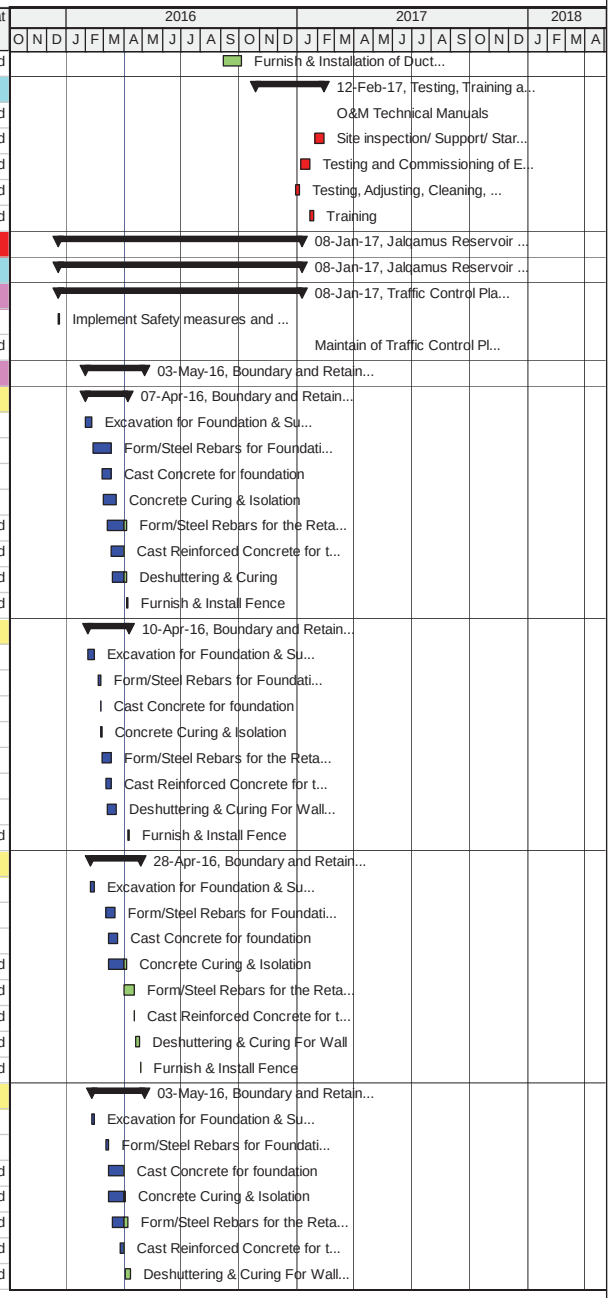
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
MTB-YW-E-020	Furnish & Installation of Ductbanks	20d	05-Sep-16	03-Oct-16	56d
Testing, Training and Commissioning					
MTB-1000	O&M Technical Manuals	82d	27-Oct-16	12-Feb-17	-12d
MTB-1020	Site inspection/ Support/ Start up	11d	28-Jan-17	12-Feb-17	-12d
MTB-1030	Testing and Commissioning of Electrical and Control System and Equipment	10d	05-Jan-17	19-Jan-17	-12d
MTB-1040	Testing, Adjusting, Cleaning, Disinfection, and Commissioning of the entire system	6d	28-Dec-16	04-Jan-17	-12d
MTB-1050	Training	6d	21-Jan-17	26-Jan-17	-12d
Jalqamus Reservoir and Access Road					
Jalqamus Reservoir - Replacement of existing 500 m3 with a new 1000m3 - at Grade					
Traffic Control Plan and Safety					
E-JLR-3030	Implement Safety measures and Traffic Control Plan for Jalqamus Reservoir	2d	20-Dec-15	21-Dec-15	
E-JLR-3040	Maintain of Traffic Control Plan and Safety measures for Jalqamus Reservoir	258d	21-Dec-15	08-Jan-17	13d
Boundary and Retaining Walls					
Boundary and Retaining Wall from Station 01 to station 04 Length = 35 lm					
E-JLR-1055	Excavation for Foundation & Subgrade layer Compaction	4d	31-Jan-16 A	11-Feb-16 A	
E-JLR-1060	Form/Steel Rebars for Foundation	8d	13-Feb-16 A	13-Mar-16 A	
E-JLR-1090	Cast Concrete for foundation	1d	28-Feb-16 A	13-Mar-16 A	
E-JLR-1120	Concrete Curing & Isolation	7d	29-Feb-16 A	20-Mar-16 A	
E-JLR-1130	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	06-Mar-16 A	06-Apr-16	268d
E-JLR-1190	Cast Reinforced Concrete for the Retaining Wall	1d	13-Mar-16 A	02-Apr-16	272d
E-JLR-1200	Deshuttering & Curing	7d	14-Mar-16 A	05-Apr-16	219d
E-JLR-1250	Furnish & Install Fence	2d	05-Apr-16	07-Apr-16	219d
Boundary and Retaining Wall from Station 04 to station 03 Length = 36 lm					
E-JLR-1070	Excavation for Foundation & Subgrade layer Compaction	4d	04-Feb-16 A	14-Feb-16 A	
E-JLR-1100	Form/Steel Rebars for Foundation	8d	21-Feb-16 A	24-Feb-16 A	
E-JLR-1140	Cast Concrete for foundation	1d	24-Feb-16 A	24-Feb-16 A	
E-JLR-1160	Concrete Curing & Isolation	7d	25-Feb-16 A	28-Feb-16 A	
E-JLR-1170	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	28-Feb-16 A	12-Mar-16 A	
E-JLR-1260	Cast Reinforced Concrete for the Retaining Wall	1d	05-Mar-16 A	13-Mar-16 A	
E-JLR-1270	Deshuttering & Curing For Walls	7d	06-Mar-16 A	20-Mar-16 A	
E-JLR-1320	Furnish & Install Fence	2d	07-Apr-16	10-Apr-16	219d
Boundary and Retaining Wall from Station 02 to station 03 Length = 30 lm					
E-JLR-1080	Excavation for Foundation & Subgrade layer Compaction	4d	08-Feb-16 A	14-Feb-16 A	
E-JLR-1150	Form/Steel Rebars for Foundation	8d	05-Mar-16 A	19-Mar-16 A	
E-JLR-1210	Cast Concrete for foundation	1d	08-Mar-16 A	22-Mar-16 A	
E-JLR-1230	Concrete Curing & Isolation	7d	09-Mar-16 A	05-Apr-16	216d
E-JLR-1240	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	02-Apr-16	17-Apr-16	204d
E-JLR-1330	Cast Reinforced Concrete for the Retaining Wall	1d	18-Apr-16	18-Apr-16	204d
E-JLR-1340	Deshuttering & Curing For Wall	7d	19-Apr-16	26-Apr-16	204d
E-JLR-1380	Furnish & Install Fence	2d	27-Apr-16	28-Apr-16	204d
Boundary and Retaining Wall from Station 01 to station 02 Length = 8 lm					
E-JLR-1110	Excavation for Foundation & Subgrade layer Compaction	4d	11-Feb-16 A	14-Feb-16 A	
E-JLR-1220	Form/Steel Rebars for Foundation	8d	05-Mar-16 A	08-Mar-16 A	
E-JLR-1280	Cast Concrete for foundation	1d	08-Mar-16 A	02-Apr-16	221d
E-JLR-1290	Concrete Curing & Isolation	7d	09-Mar-16 A	04-Apr-16	219d
E-JLR-1300	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	14-Mar-16 A	07-Apr-16	266d
E-JLR-1390	Cast Reinforced Concrete for the Retaining Wall	1d	27-Mar-16 A	02-Apr-16	221d
E-JLR-1400	Deshuttering & Curing For Walls	7d	04-Apr-16	12-Apr-16	219d



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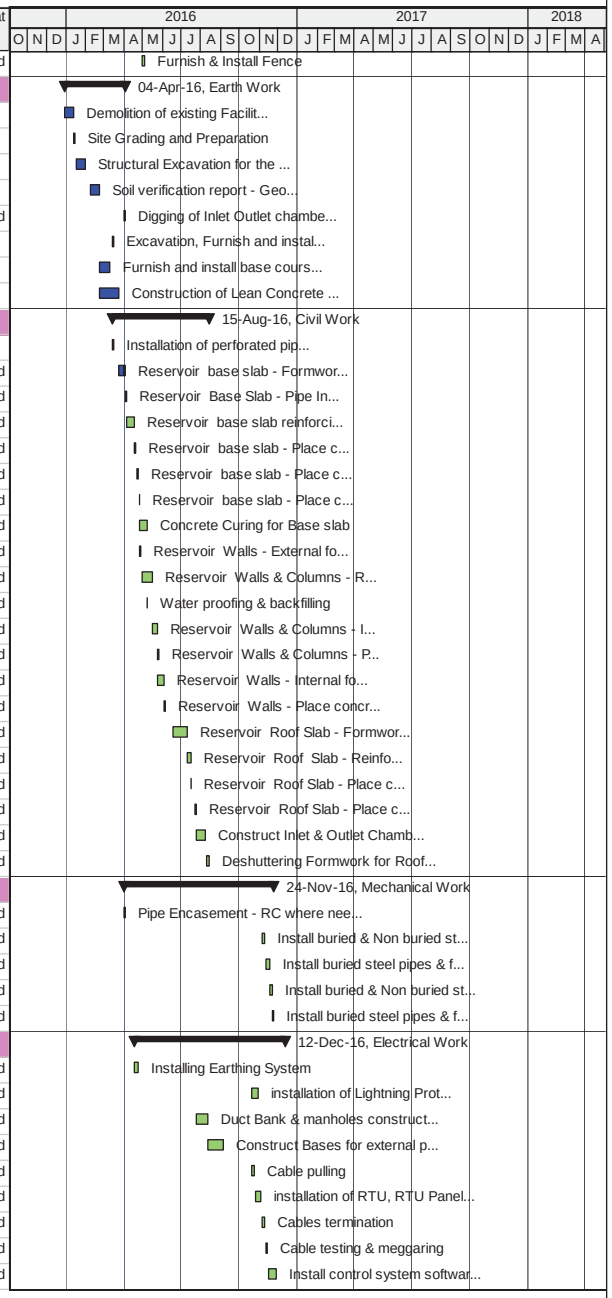
TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
E-JLR-1450	Furnish & Install Fence	2d	30-Apr-16	03-May-16	204d
Earth Work					
E-JLR-1175	Demolition of existing Facilities, Site Cleaning & Grubbing	10d	30-Dec-15	13-Jan-16 A	
E-JLR-1180	Site Grading and Preparation	3d	13-Jan-16 A	16-Jan-16 A	
E-JLR-1310	Structural Excavation for the base slab of the Reservoir & Inlet Outlet Chamber and Subgrade layer	5d	17-Jan-16 A	01-Feb-16 A	
E-JLR-1315	Soil verification report - Geotechnical report	5d	09-Feb-16 A	23-Feb-16 A	
E-JLR-1350	Digging of Inlet Outlet chamber (S-RVV01)	3d	02-Apr-16	04-Apr-16	188d
E-JLR-1370	Excavation, Furnish and install subgrade piping system (Perforated, Outlet & Washout)	3d	15-Mar-16 A	17-Mar-16 A	
E-JLR-1420	Furnish and install base course (150mm in depth) under base slab	4d	22-Feb-16 A	10-Mar-16 A	
E-JLR-1430	Construction of Lean Concrete under Reservoir	5d	22-Feb-16 A	24-Mar-16 A	
Civil Work					
E-JLR-1460	Installation of perforated pipes	2d	15-Mar-16 A	17-Mar-16 A	
E-JLR-1470	Reservoir base slab - Formwork	5d	24-Mar-16 A	04-Apr-16	48d
E-JLR-1480	Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and perforated pipes)	2d	04-Apr-16	06-Apr-16	48d
E-JLR-1490	Reservoir base slab reinforcing steel & water stop installation	10d	06-Apr-16	18-Apr-16	48d
E-JLR-1510	Reservoir base slab - Place concrete (Stage 1)	1d	18-Apr-16	19-Apr-16	48d
E-JLR-1520	Reservoir base slab - Place concrete (Stage 2)	1d	21-Apr-16	23-Apr-16	48d
E-JLR-1540	Reservoir base slab - Place concrete (Stage 3) - Footing of Columns	1d	25-Apr-16	26-Apr-16	48d
E-JLR-1550	Concrete Curing for Base slab	7d	26-Apr-16	07-May-16	175d
E-JLR-1560	Reservoir Walls - External formwork	2d	26-Apr-16	28-Apr-16	48d
E-JLR-1570	Reservoir Walls & Columns - Reinforcing steel & vertical water stop installation	12d	30-Apr-16	16-May-16	48d
E-JLR-1580	Water proofing & backfilling	1d	07-May-16	08-May-16	175d
E-JLR-1590	Reservoir Walls & Columns - Internal formwork - (Stage 1)	8d	16-May-16	25-May-16	48d
E-JLR-1600	Reservoir Walls & Columns - Place concrete (Stage 1)	1d	25-May-16	26-May-16	55d
E-JLR-1610	Reservoir Walls - Internal formwork - (Stage 2-Walls 2,4,6 & 8)	8d	25-May-16	04-Jun-16	48d
E-JLR-1620	Reservoir Walls - Place concrete (Stage 2)	1d	04-Jun-16	05-Jun-16	48d
E-JLR-1630	Reservoir Roof Slab - Formwork	10d	18-Jun-16	10-Jul-16	48d
E-JLR-1650	Reservoir Roof Slab - Reinforcing steel & installation of seismic cans	5d	10-Jul-16	16-Jul-16	48d
E-JLR-1660	Reservoir Roof Slab - Place concrete (Stage 1-Part A & C)	1d	16-Jul-16	17-Jul-16	48d
E-JLR-1670	Reservoir Roof Slab - Place concrete (Stage 2-Part B & D)	1d	23-Jul-16	24-Jul-16	48d
E-JLR-1700	Construct Inlet & Outlet Chambers (Valve Vault)	13d	24-Jul-16	08-Aug-16	109d
E-JLR-1730	Deshuttering Formwork for Roof Slab	5d	09-Aug-16	15-Aug-16	71d
Mechanical Work					
E-JLR-1410	Pipe Encasement - RC where needed	2d	02-Apr-16	03-Apr-16	270d
E-JLR-1760	Install buried & Non buried steel pipes & fittings- Outlet and Drain Structure Outlet	5d	06-Nov-16	10-Nov-16	46d
E-JLR-1790	Install buried steel pipes & fittings - Washout	5d	12-Nov-16	17-Nov-16	46d
E-JLR-1800	Install buried & Non buried steel pipes & fittings - Inlet	3d	19-Nov-16	21-Nov-16	46d
E-JLR-1830	Install buried steel pipes & fittings - Overflow	3d	22-Nov-16	24-Nov-16	46d
Electrical Work					
E-JLR-1500	Installing Earthing System	5d	18-Apr-16	24-Apr-16	111d
E-JLR-1530	installation of Lightning Protection and Grounding System	10d	20-Oct-16	31-Oct-16	48d
E-JLR-1690	Duct Bank & manholes construction including precast Pullbox	16d	24-Jul-16	11-Aug-16	48d
E-JLR-1740	Construct Bases for external power lighting	21d	11-Aug-16	05-Sep-16	48d
E-JLR-1840	Cable pulling	5d	20-Oct-16	25-Oct-16	13d
E-JLR-1850	installation of RTU, RTU Panel and breaker Panel	8d	26-Oct-16	03-Nov-16	13d
E-JLR-1860	Cables termination	6d	05-Nov-16	10-Nov-16	13d
E-JLR-1870	Cable testing & meggaring	3d	12-Nov-16	14-Nov-16	13d
E-JLR-1880	Install control system software	10d	16-Nov-16	27-Nov-16	13d



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

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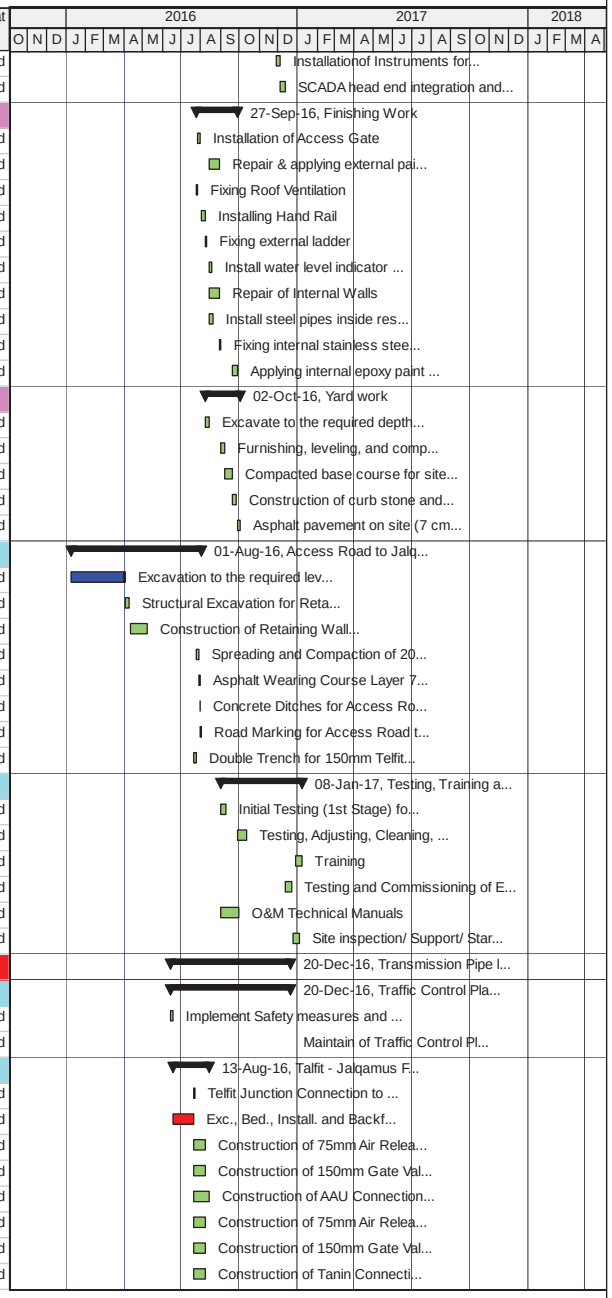
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
E-JLR-1900	Installationof Instruments for the site and its facilities and Structures per section 13500A	6d	28-Nov-16	04-Dec-16	13d
E-JLR-1910	SCADA head end integration and programming for the site	7d	05-Dec-16	12-Dec-16	13d
Finishing Work					
E-JLR-1440	Installation of Access Gate	3d	27-Jul-16	31-Jul-16	142d
E-JLR-1640	Repair & applying external paint for the reservoir	14d	15-Aug-16	31-Aug-16	115d
E-JLR-1680	Fixing Roof Ventilation	3d	24-Jul-16	27-Jul-16	142d
E-JLR-1710	Installing Hand Rail	5d	01-Aug-16	07-Aug-16	134d
E-JLR-1720	Fixing external ladder	2d	07-Aug-16	09-Aug-16	134d
E-JLR-1750	Install water level indicator & Access Cover	3d	15-Aug-16	18-Aug-16	126d
E-JLR-1770	Repair of Internal Walls	14d	15-Aug-16	31-Aug-16	71d
E-JLR-1780	Install steel pipes inside reservoir - Outlet	5d	15-Aug-16	21-Aug-16	81d
E-JLR-1810	Fixing internal stainless steel access ladder	1d	31-Aug-16	01-Sep-16	71d
E-JLR-1890	Applying internal epoxy paint for the reservoir	6d	20-Sep-16	27-Sep-16	71d
Yard work					
E-JLR-1930	Excavate to the required depth as per design drawings	6d	08-Aug-16	15-Aug-16	109d
E-JLR-1940	Furnishing, leveling, and compaction of selected fill for subgrade layer	6d	01-Sep-16	08-Sep-16	94d
E-JLR-1950	Compacted base course for site grading, 200 mm layer	5d	08-Sep-16	19-Sep-16	94d
E-JLR-1955	Construction of curb stone and side walk	5d	19-Sep-16	25-Sep-16	94d
E-JLR-1960	Asphalt pavement on site (7 cm), ¾" asphalt mix design including MC	4d	27-Sep-16	02-Oct-16	92d
Access Road to Jalqamus Reservoir (190 m of two-lane road with shoulder)					
E-JLR-1000	Excavation to the required level for Access Road to Jalqamus Reservoir	4d	09-Jan-16 A	03-Apr-16	195d
E-JLR-1010	Structural Excavation for Retaining Wall from Station 0+070 to Station 0+165	6d	04-Apr-16	10-Apr-16	195d
E-JLR-1020	Construction of Retaining Wall from Station 0+070 to Station 0+165	21d	11-Apr-16	07-May-16	195d
E-JLR-1030	Spreading and Compaction of 20cm Base Course for Access Road to Jalqamus Reservoir from Station 0+000 to Station (	3d	25-Jul-16	28-Jul-16	140d
E-JLR-1040	Asphalt Wearing Course Layer 7cm for Access Road to Jalqamus Reservoir from Station 0+000 to Station 0+165 includin	1d	28-Jul-16	30-Jul-16	140d
E-JLR-1045	Concrete Ditches for Access Road to Jalqamus Reservoir from Station 0+000 to Station 0+165	1d	30-Jul-16	31-Jul-16	140d
E-JLR-1050	Road Marking for Access Road to Jalqamus Reservoir from Station 0+000 to Station 0+165	1d	31-Jul-16	01-Aug-16	140d
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+	4d	20-Jul-16	25-Jul-16	140d
Testing, Training and Commissioning					
E-JLR-3000	Initial Testing (1st Stage) for Water Tightness	7d	01-Sep-16	10-Sep-16	76d
E-JLR-3010	Testing, Adjusting, Cleaning, Disinfection, Commissioning, and Operator Instruction 2nd Stage	14d	27-Sep-16	13-Oct-16	71d
E-JLR-5250	Training	7d	29-Dec-16	08-Jan-17	13d
E-JLR-5255	Testing and Commissioning of Electrical and Control Systems and Equipment	7d	13-Dec-16	22-Dec-16	13d
E-JLR-5260	O&M Technical Manuals	20d	01-Sep-16	29-Sep-16	83d
E-JLR-5270	Site inspection/ Support/ Start up	9d	24-Dec-16	04-Jan-17	13d
Transmission Pipe lines					
Traffic Control Plan and Safety					
SWJ-TCP-1400	Implement Safety measures and Traffic Control Plan for Zone 01	2d	14-Jun-16	18-Jun-16	212d
SWJ-TCP-1410	Maintain of Traffic Control Plan and Safety measures for Zone 01	144d	18-Jun-16	20-Dec-16	18d
Talfit - Jalqamus Force line (Talfit Junction to Jalqamus Reservoir)					
E-TJT-0990	Telfit Junction Connection to Existing Pipeline	2d	20-Jul-16	23-Jul-16	164d
E-TJT-1000	Exc., Bed., Install. and Backfill. 150mm Talfit - Jalqamus force line from St. 0+000 to St.2+140	20d	18-Jun-16	20-Jul-16	-2d
E-TJT-1010	Construction of 75mm Air Release Valve Chamber at Station 0+410 on 150mm pipe	15d	20-Jul-16	07-Aug-16	91d
E-TJT-1020	Construction of 150mm Gate Valve Chamber at Station 0+500	15d	20-Jul-16	07-Aug-16	91d
E-TJT-1025	Construction of AAU Connection Chamber at Station 0+620 (CHD-155) including connect to Existing Pipeline and 100mm	20d	20-Jul-16	13-Aug-16	86d
E-TJT-1030	Construction of 75mm Air Release Valve Chamber at Station 0+910 on 150mm pipe	15d	20-Jul-16	07-Aug-16	91d
E-TJT-1040	Construction of 150mm Gate Valve Chamber at Station 1+000	15d	20-Jul-16	07-Aug-16	91d
E-TJT-1045	Construction of Tanin Connection Chamber at station 1+030 including 100mm pipe and connect to existing pipeline (CHD-	15d	20-Jul-16	07-Aug-16	91d



Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

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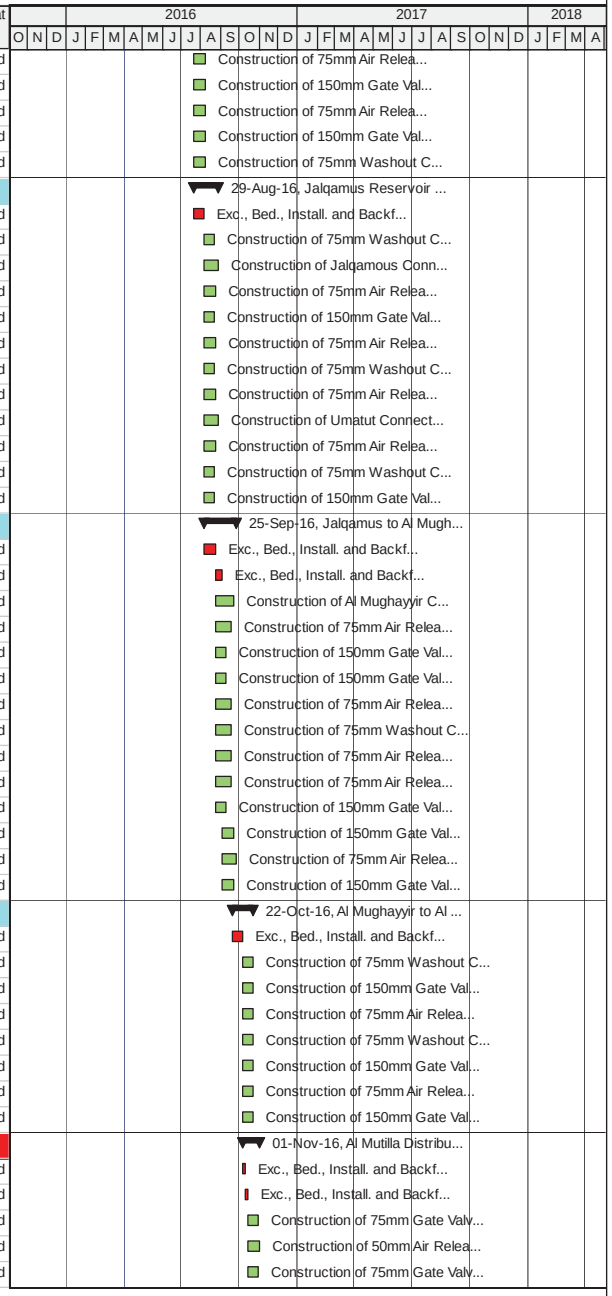
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
E-TJT-1050	Construction of 75mm Air Release Valve Chamber at Station 1+410 on 150mm pipe	15d	20-Jul-16	07-Aug-16	91d
E-TJT-1060	Construction of 150mm Gate Valve Chamber at Station 1+500	15d	20-Jul-16	07-Aug-16	91d
E-TJT-1070	Construction of 75mm Air Release Valve Chamber at Station 1+910 on 150mm pipe	15d	20-Jul-16	07-Aug-16	91d
E-TJT-1080	Construction of 150mm Gate Valve Chamber at Station 2+000	15d	20-Jul-16	07-Aug-16	91d
E-TJT-1090	Construction of 75mm Washout Chamber at station 2+080 on 150mm pipe	15d	20-Jul-16	07-Aug-16	91d
Jalqamus Reservoir to Umatut Force Line (Jalqamus Junction) (150mm x 1.8 km)					
E-JLT-0020	Exc., Bed., Install. and Backfill. 150mm Jalqamus pipeline from St. 0+190 to St.1+880	14d	20-Jul-16	06-Aug-16	-2d
E-JLT-1000	Construction of 75mm Washout Chamber at station 0+190 on 150mm pipe	13d	06-Aug-16	21-Aug-16	79d
E-JLT-1010	Construction of Jalqamous Connection Chamber (CHD-171) including 100mm Connection Pipe	20d	06-Aug-16	29-Aug-16	72d
E-JLT-1020	Construction of 75mm Air Release Valve Chamber at station 0+325 on 150mm pipe	15d	06-Aug-16	23-Aug-16	77d
E-JLT-1030	Construction of 150mm Gate Valve Chamber at Station 0+538	13d	06-Aug-16	21-Aug-16	79d
E-JLT-1040	Construction of 75mm Air Release Valve Chamber at station 0+715 on 150mm pipe	15d	06-Aug-16	23-Aug-16	77d
E-JLT-1050	Construction of 75mm Washout Chamber at station 0+885 on 150mm pipe	13d	06-Aug-16	21-Aug-16	79d
E-JLT-1060	Construction of 75mm Air Release Valve Chamber at station 1+162 on 150mm pipe	15d	06-Aug-16	23-Aug-16	77d
E-JLT-1070	Construction of Umatut Connection Chamber (CHD-173) including 100mm Connection Pipe	20d	06-Aug-16	29-Aug-16	72d
E-JLT-1080	Construction of 75mm Air Release Valve Chamber at station 1+590 on 150mm pipe	15d	06-Aug-16	23-Aug-16	77d
E-JLT-1090	Construction of 75mm Washout Chamber at station 1+870 on 150mm pipe	13d	06-Aug-16	21-Aug-16	79d
E-JLT-1110	Construction of 150mm Gate Valve Chamber at Station 1+375	13d	06-Aug-16	21-Aug-16	79d
Jalqamus to Al Mughayyir Force Line					
E-JMT-1000	Exc., Bed., Install. and Backfill. 150mm Jalqamus to Al Mughayyir pipeline from St. 0+000 to St.2+000	17d	06-Aug-16	25-Aug-16	-2d
E-JMT-1010	Exc., Bed., Install. and Backfill. 150mm Jalqamus to Al Mughayyir pipeline from St. 2+000 to St.2+776	7d	25-Aug-16	03-Sep-16	-2d
E-JMT-1020	Construction of Al Mughayyir Connection Chamber (CHD-191)	20d	25-Aug-16	22-Sep-16	55d
E-JMT-1030	Construction of 75mm Air Release Valve Chamber at station 0+470 on 150mm pipe	15d	25-Aug-16	17-Sep-16	60d
E-JMT-1040	Construction of 150mm Gate Valve Chamber at Station 0+500	13d	25-Aug-16	10-Sep-16	62d
E-JMT-1050	Construction of 150mm Gate Valve Chamber at Station 1+000	13d	25-Aug-16	10-Sep-16	62d
E-JMT-1060	Construction of 75mm Air Release Valve Chamber at station 1+015 on 150mm pipe	15d	25-Aug-16	17-Sep-16	60d
E-JMT-1070	Construction of 75mm Washout Chamber at station 1+430 on 150mm pipe	15d	25-Aug-16	17-Sep-16	60d
E-JMT-1080	Construction of 75mm Air Release Valve Chamber at station 1+690 on 150mm pipe	15d	25-Aug-16	17-Sep-16	60d
E-JMT-1090	Construction of 75mm Air Release Valve Chamber at station 1+970 on 150mm pipe	15d	25-Aug-16	17-Sep-16	60d
E-JMT-1100	Construction of 150mm Gate Valve Chamber at Station 2+000	13d	25-Aug-16	10-Sep-16	62d
E-JMT-1110	Construction of 150mm Gate Valve Chamber at Station 2+050 including connection to Existing Manhole	13d	03-Sep-16	22-Sep-16	55d
E-JMT-1120	Construction of 75mm Air Release Valve Chamber at station 2+430 on 150mm pipe	15d	03-Sep-16	25-Sep-16	53d
E-JMT-1130	Construction of 150mm Gate Valve Chamber at Station 2+500	13d	03-Sep-16	22-Sep-16	55d
Al Mughayyir to Al Mutilla Force Line (Al Mutilla Booster Station to Al Mutilla Reservoir)					
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	20-Sep-16	06-Oct-16	-2d
E-MTT-1150	Construction of 75mm Washout Chamber at station 0+330 on 150mm pipe	13d	06-Oct-16	22-Oct-16	30d
E-MTT-1160	Construction of 150mm Gate Valve Chamber at Station 0+500	13d	06-Oct-16	22-Oct-16	30d
E-MTT-1170	Construction of 75mm Air Release Valve Chamber at station 0+705 on 150mm pipe	13d	06-Oct-16	22-Oct-16	30d
E-MTT-1180	Construction of 75mm Washout Chamber at station 0+880 on 150mm pipe	13d	06-Oct-16	22-Oct-16	30d
E-MTT-1190	Construction of 150mm Gate Valve Chamber at Station 1+000	13d	06-Oct-16	22-Oct-16	30d
E-MTT-1200	Construction of 75mm Air Release Valve Chamber at station 1+245 on 150mm pipe	13d	06-Oct-16	22-Oct-16	30d
E-MTT-1210	Construction of 150mm Gate Valve Chamber at Station 1+500	13d	06-Oct-16	22-Oct-16	30d
Al Mutilla Distribution Network					
E-MTN-1000	Exc., Bed., Install. and Backfill. 75mm pipe for Al Mutilla Network - from Al Mutilla Elevated Reservoir (260 m)	3d	06-Oct-16	10-Oct-16	-2d
E-MTN-1010	Exc., Bed., Install. and Backfill. 50mm pipe for Al Mutilla Network - Branches from 75 mm pipe (320 m)	4d	10-Oct-16	15-Oct-16	-2d
E-MTN-1030	Construction of 75mm Gate Valve Chamber at Al Mutilla Reservoir Entrance	13d	15-Oct-16	30-Oct-16	23d
E-MTN-1040	Construction of 50mm Air Release Valve Chamber on 75mm pipe	15d	15-Oct-16	01-Nov-16	21d
E-MTN-1045	Construction of 75mm Gate Valve Chamber on 75mm pipe	13d	15-Oct-16	30-Oct-16	23d



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

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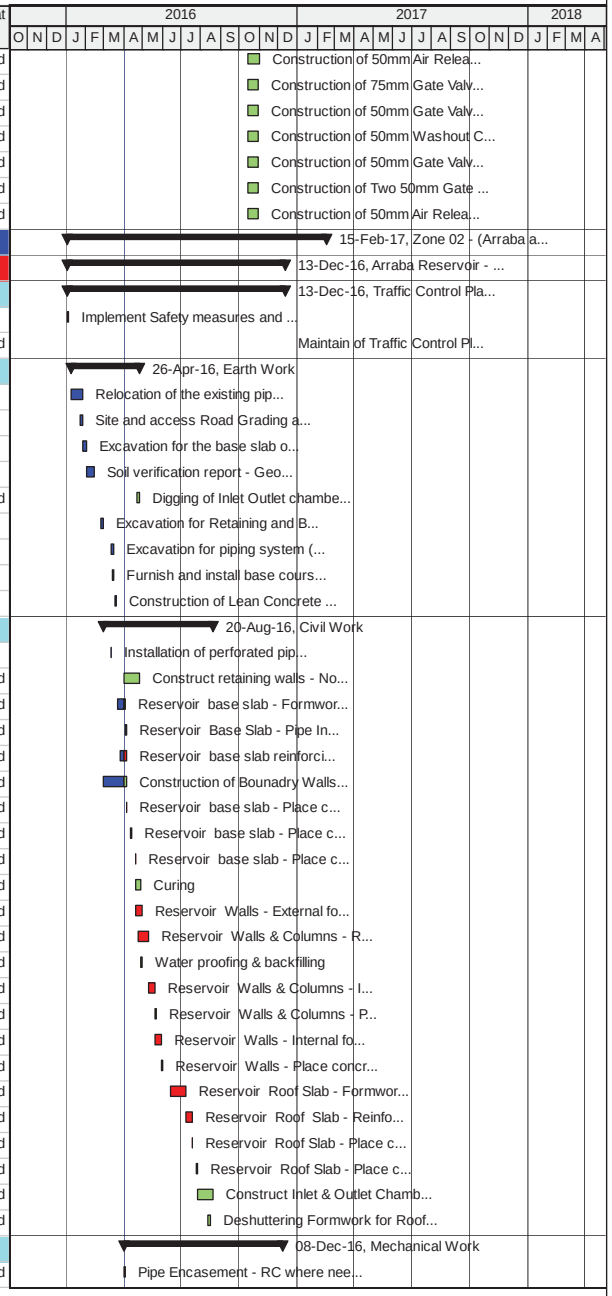
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
E-MTN-1050	Construction of 50mm Air Release Valve Chamber on 75mm pipe	15d	15-Oct-16	01-Nov-16	21d
E-MTN-1060	Construction of 75mm Gate Valve Chamber on 75mm pipe	13d	15-Oct-16	30-Oct-16	23d
E-MTN-1065	Construction of 50mm Gate Valve Chamber on 50mm pipe	13d	15-Oct-16	30-Oct-16	23d
E-MTN-1070	Construction of 50mm Washout Chamber on 75mm pipe	13d	15-Oct-16	30-Oct-16	23d
E-MTN-1080	Construction of 50mm Gate Valve Chamber on 50mm pipe - near Al Mutilla Reservoir Entrance	13d	15-Oct-16	30-Oct-16	23d
E-MTN-1090	Construction of Two 50mm Gate Valve Chamber on 50mm pipe	13d	15-Oct-16	30-Oct-16	23d
E-MTN-1100	Construction of 50mm Air Release Valve Chamber on 50mm pipe	13d	15-Oct-16	30-Oct-16	23d
Zone 02 - (Arraba and Kuferit)					
Arraba Reservoir - Replacement of existing 1000 m3 with a new 2,000 m3 At Grade					
Traffic Control Plan and Safety					
E-ARR-1000	Implement Safety measures and Traffic Control Plan	2d	02-Jan-16 A	04-Jan-16 A	
E-ARR-1010	Maintain of Traffic Control Plan and Safety measures for Arraba Reservoir	264d	04-Jan-16 A	13-Dec-16	46d
Earth Work					
E-ARR-1040	Relocation of the existing pipeline and Demolition of existing reservoir	15d	10-Jan-16 A	27-Jan-16 A	
E-ARR-1050	Site and access Road Grading and Preparation	7d	23-Jan-16 A	27-Jan-16 A	
E-ARR-1060	Excavation for the base slab of the Reservoir and subgrade layer	8d	28-Jan-16 A	02-Feb-16 A	
E-ARR-1065	Soil verification report - Geotechnical report	3d	02-Feb-16 A	15-Feb-16 A	
E-ARR-1070	Digging of Inlet Outlet chamber (S-RVV01)	4d	21-Apr-16	26-Apr-16	176d
E-ARR-1080	Excavation for Retaining and Boundary walls	6d	24-Feb-16 A	29-Feb-16 A	
E-ARR-1090	Excavation for piping system (Perforated, Outlet & Washout)	4d	12-Mar-16 A	17-Mar-16 A	
E-ARR-1100	Furnish and install base course (150mm in depth) under base slab	6d	14-Mar-16 A	17-Mar-16 A	
E-ARR-1130	Construction of Lean Concrete under Reservoir	5d	19-Mar-16 A	20-Mar-16 A	
Civil Work					
E-ARR-1110	Installation of perforated pipes	3d	13-Mar-16 A	13-Mar-16 A	
E-ARR-1120	Construct retaining walls - North side	21d	02-Apr-16	25-Apr-16	251d
E-ARR-1140	Reservoir base slab - Formwork	7d	23-Mar-16 A	04-Apr-16	268d
E-ARR-1150	Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and other pipes)	2d	04-Apr-16	06-Apr-16	268d
E-ARR-1160	Reservoir base slab reinforcing steel & water stop installation	7d	26-Mar-16 A	05-Apr-16	-4d
E-ARR-1170	Construction of Bounadry Walls - south and west side	21d	01-Mar-16 A	06-Apr-16	216d
E-ARR-1180	Reservoir base slab - Place concrete (Stage 1 - Part A, C, H, L)	1d	05-Apr-16	06-Apr-16	-4d
E-ARR-1190	Reservoir base slab - Place concrete (Stage 2 - Part B, D, F, J)	1d	12-Apr-16	13-Apr-16	-4d
E-ARR-1200	Reservoir base slab - Place concrete (Stage 3 - Part E, G, I, K)	1d	19-Apr-16	20-Apr-16	-4d
E-ARR-1210	Curing	7d	20-Apr-16	28-Apr-16	196d
E-ARR-1220	Reservoir Walls - External formwork	8d	20-Apr-16	30-Apr-16	-4d
E-ARR-1230	Reservoir Walls & Columns - Reinforcing steel & vertical water stop installation	12d	24-Apr-16	10-May-16	-4d
E-ARR-1240	Water proofing & backfilling	1d	28-Apr-16	30-Apr-16	196d
E-ARR-1250	Reservoir Walls & Columns - Internal formwork - (Stage 1-Walls 1,3,5 & 7)	9d	10-May-16	21-May-16	-4d
E-ARR-1260	Reservoir Walls & Columns - Place concrete (Stage 1)	1d	21-May-16	22-May-16	4d
E-ARR-1270	Reservoir Walls - Internal formwork - (Stage 2-Walls 2,4,6 & 8)	9d	21-May-16	31-May-16	-4d
E-ARR-1280	Reservoir Walls - Place concrete (Stage 2)	1d	31-May-16	01-Jun-16	-4d
E-ARR-1290	Reservoir Roof Slab - Formwork	12d	13-Jun-16	09-Jul-16	-4d
E-ARR-1300	Reservoir Roof Slab - Reinforcing steel & Constuction Joints Installation	8d	09-Jul-16	18-Jul-16	-4d
E-ARR-1310	Reservoir Roof Slab - Place concrete (Stage 1-Part A & C)	1d	18-Jul-16	19-Jul-16	-4d
E-ARR-1320	Reservoir Roof Slab - Place concrete (Stage 2-Part B & D)	1d	25-Jul-16	26-Jul-16	-4d
E-ARR-1330	Construct Inlet & Outlet Chamber (Valve Vault)	21d	26-Jul-16	20-Aug-16	113d
E-ARR-1340	Deshuttering Formwork for Roof Slab	5d	11-Aug-16	17-Aug-16	82d
Mechanical Work					
E-ARR-1360	Pipe Encasement - RC where needed	2d	02-Apr-16	03-Apr-16	270d



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

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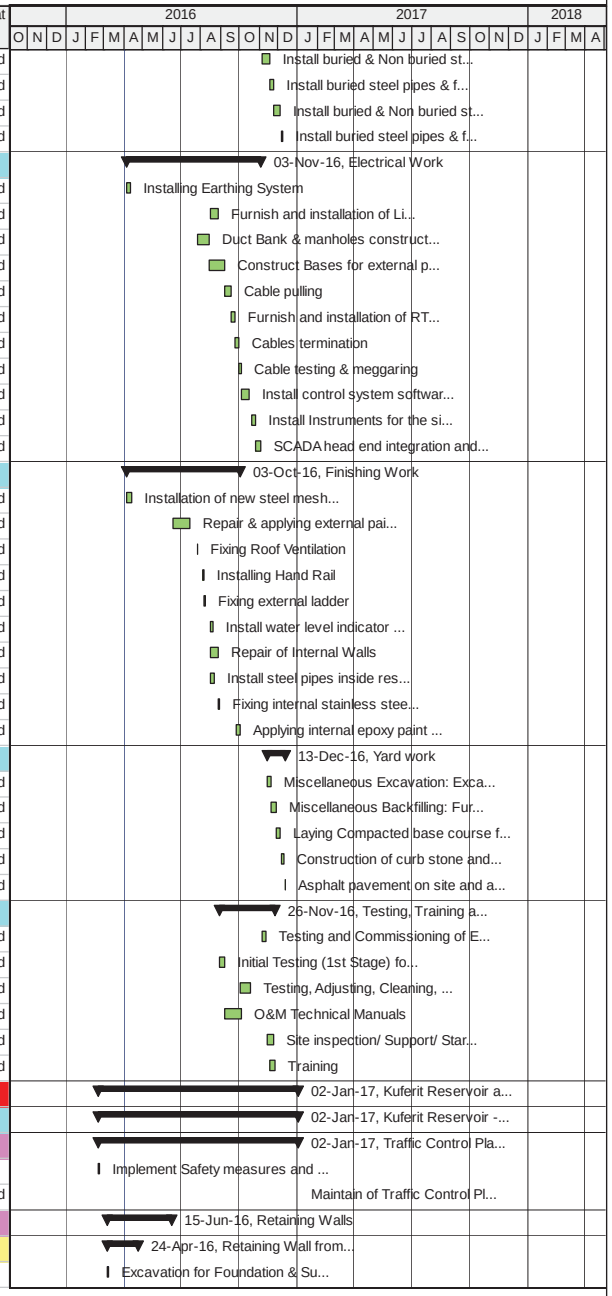
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
E-ARR-1370	Install buried & Non buried steel pipes & fittings- Outlet Including Outlet Drain Structure	10d	06-Nov-16	17-Nov-16	50d
E-ARR-1380	Install buried steel pipes & fittings - Washout	5d	19-Nov-16	23-Nov-16	50d
E-ARR-1390	Install buried & Non buried steel pipes & fittings - Inlet including Valve Vault	10d	24-Nov-16	05-Dec-16	50d
E-ARR-1400	Install buried steel pipes & fittings - Overflow	3d	06-Dec-16	08-Dec-16	50d
Electrical Work					
E-ARR-1410	Installing Earthing System	5d	05-Apr-16	11-Apr-16	126d
E-ARR-1420	Furnish and installation of Lightning Protection and Grounding System	10d	17-Aug-16	29-Aug-16	100d
E-ARR-1430	Duct Bank & manholes construction including pre-cast pullbox	16d	26-Jul-16	14-Aug-16	50d
E-ARR-1440	Construct Bases for external power lighting	21d	14-Aug-16	07-Sep-16	50d
E-ARR-1450	Cable pulling	5d	07-Sep-16	18-Sep-16	50d
E-ARR-1460	Furnish and installation of RTU, RTU Panel and Breaker Panel	5d	18-Sep-16	24-Sep-16	50d
E-ARR-1470	Cables termination	6d	24-Sep-16	01-Oct-16	50d
E-ARR-1480	Cable testing & meggaring	3d	01-Oct-16	04-Oct-16	50d
E-ARR-1490	Install control system software	10d	04-Oct-16	16-Oct-16	50d
E-ARR-1500	Install Instruments for the site and its facilities and Structures per section 13500A	6d	20-Oct-16	26-Oct-16	46d
E-ARR-1510	SCADA head end integration and programming for the site and its facilities	7d	27-Oct-16	03-Nov-16	46d
Finishing Work					
E-ARR-1530	Installation of new steel mesh fence and fence around site perimeter on existing wall	7d	06-Apr-16	14-Apr-16	234d
E-ARR-1550	Repair & applying external paint for the reservoir	14d	18-Jun-16	14-Jul-16	172d
E-ARR-1560	Fixing Roof Ventilation	1d	26-Jul-16	27-Jul-16	161d
E-ARR-1570	Installing Hand Rail	2d	03-Aug-16	06-Aug-16	152d
E-ARR-1580	Fixing external ladder	1d	06-Aug-16	07-Aug-16	152d
E-ARR-1590	Install water level indicator & Access Cover	3d	17-Aug-16	21-Aug-16	140d
E-ARR-1600	Repair of Internal Walls	10d	17-Aug-16	29-Aug-16	82d
E-ARR-1610	Install steel pipes inside reservoir - Outlet	5d	17-Aug-16	23-Aug-16	88d
E-ARR-1620	Fixing internal stainless steel access ladder	1d	29-Aug-16	30-Aug-16	82d
E-ARR-1640	Applying internal epoxy paint for the reservoir	6d	26-Sep-16	03-Oct-16	82d
Yard work					
E-ARR-1650	Miscellaneous Excavation: Excavate to the required depth as per design drawings	6d	13-Nov-16	20-Nov-16	46d
E-ARR-1660	Miscellaneous Backfilling: Furnishing, leveling, and compaction of selected fill for subgrade layer	6d	21-Nov-16	27-Nov-16	46d
E-ARR-1670	Laying Compacted base course for site grading, 200 mm layer	7d	28-Nov-16	05-Dec-16	46d
E-ARR-1675	Construction of curb stone and side walk	5d	06-Dec-16	11-Dec-16	46d
E-ARR-1680	Asphalt pavement on site and access road (7 cm), ¾" asphalt mix design including MC	2d	12-Dec-16	13-Dec-16	46d
Testing, Training and Commissioning					
E-ARR-1520	Testing and Commissioning of Electrical and Control Systems and Equipment	7d	05-Nov-16	12-Nov-16	46d
E-ARR-1630	Initial Testing (1st Stage) for Water Tightness	7d	30-Aug-16	07-Sep-16	82d
E-ARR-5275	Testing, Adjusting, Cleaning, Disinfection, Commissioning, and Operator Instruction 2nd Stage	14d	03-Oct-16	19-Oct-16	82d
E-ARR-5290	O&M Technical Manuals	20d	07-Sep-16	05-Oct-16	94d
E-ARR-5300	Site inspection/ Support/ Start up	9d	13-Nov-16	23-Nov-16	61d
E-ARR-5380	Training	7d	19-Nov-16	26-Nov-16	61d
Kuferit Reservoir and Access Road					
Kuferit Reservoir - New Construction 500 m3 - At Grade					
Traffic Control Plan and Safety					
E-KFR-2000	Implement Safety measures and Traffic Control Plan	2d	20-Feb-16 A	22-Feb-16 A	
E-KFR-2010	Maintain of Traffic Control Plan and Safety measures for Kuferit Reservoir	180d	22-Feb-16 A	02-Jan-17	17d
Retaining Walls					
Retaining Wall from Station 02 to station 03 Length = 27.16 lm					
E-KFR-1820	Excavation for Foundation & Subgrade layer Compaction	2d	06-Mar-16 A	09-Mar-16 A	



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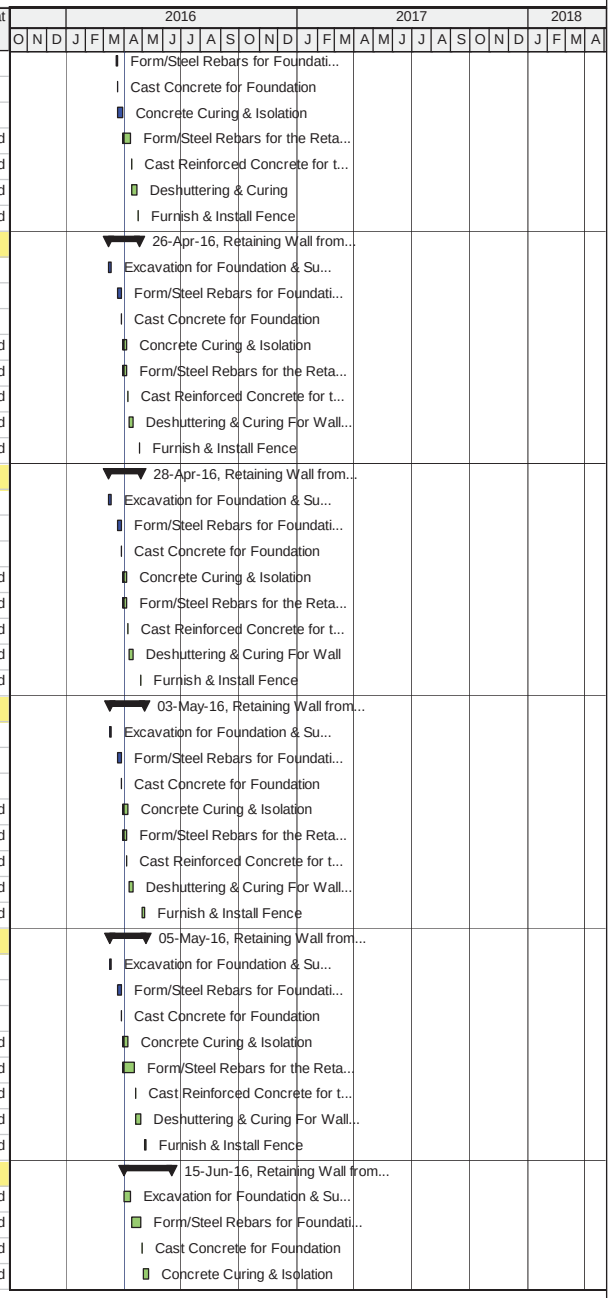
TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
E-KFR-1830	Form/Steel Rebars for Foundation	4d	20-Mar-16 A	22-Mar-16 A	
E-KFR-1840	Cast Concrete for Foundation	1d	22-Mar-16 A	22-Mar-16 A	
E-KFR-1850	Concrete Curing & Isolation	7d	23-Mar-16 A	30-Mar-16 A	
E-KFR-1860	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	10d	31-Mar-16 A	12-Apr-16	197d
E-KFR-1870	Cast Reinforced Concrete for the Retaining Wall	1d	13-Apr-16	13-Apr-16	197d
E-KFR-1880	Deshuttering & Curing	7d	14-Apr-16	21-Apr-16	197d
E-KFR-1890	Furnish & Install Fence	2d	23-Apr-16	24-Apr-16	197d
Retaining Wall from Station 03 to station 04 Length = 9.47 lm					
E-KFR-1740	Excavation for Foundation & Subgrade layer Compaction	2d	08-Mar-16 A	13-Mar-16 A	
E-KFR-1750	Form/Steel Rebars for Foundation	4d	22-Mar-16 A	28-Mar-16 A	
E-KFR-1760	Cast Concrete for Foundation	1d	29-Mar-16 A	29-Mar-16 A	
E-KFR-1770	Concrete Curing & Isolation	7d	30-Mar-16 A	06-Apr-16	205d
E-KFR-1780	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	5d	31-Mar-16 A	06-Apr-16	204d
E-KFR-1790	Cast Reinforced Concrete for the Retaining Wall	1d	07-Apr-16	07-Apr-16	204d
E-KFR-1800	Deshuttering & Curing For Walls	7d	09-Apr-16	16-Apr-16	204d
E-KFR-1810	Furnish & Install Fence	2d	25-Apr-16	26-Apr-16	197d
Retaining Wall from Station 04 to station 05 Length = 9.24 lm					
E-KFR-1340	Excavation for Foundation & Subgrade layer Compaction	2d	08-Mar-16 A	13-Mar-16 A	
E-KFR-1350	Form/Steel Rebars for Foundation	4d	23-Mar-16 A	28-Mar-16 A	
E-KFR-1360	Cast Concrete for Foundation	1d	29-Mar-16 A	29-Mar-16 A	
E-KFR-1370	Concrete Curing & Isolation	7d	30-Mar-16 A	06-Apr-16	207d
E-KFR-1380	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	5d	31-Mar-16 A	06-Apr-16	206d
E-KFR-1390	Cast Reinforced Concrete for the Retaining Wall	1d	07-Apr-16	07-Apr-16	206d
E-KFR-1400	Deshuttering & Curing For Wall	7d	09-Apr-16	16-Apr-16	206d
E-KFR-1410	Furnish & Install Fence	2d	27-Apr-16	28-Apr-16	197d
Retaining Wall from Station 05 to station 06 Length = 8 lm					
E-KFR-1500	Excavation for Foundation & Subgrade layer Compaction	4d	10-Mar-16 A	13-Mar-16 A	
E-KFR-1510	Form/Steel Rebars for Foundation	6d	23-Mar-16 A	28-Mar-16 A	
E-KFR-1520	Cast Concrete for Foundation	1d	29-Mar-16 A	29-Mar-16 A	
E-KFR-1530	Concrete Curing & Isolation	7d	30-Mar-16 A	07-Apr-16	208d
E-KFR-1540	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	4d	31-Mar-16 A	05-Apr-16	209d
E-KFR-1550	Cast Reinforced Concrete for the Retaining Wall	1d	06-Apr-16	06-Apr-16	209d
E-KFR-1560	Deshuttering & Curing For Walls	7d	09-Apr-16	16-Apr-16	208d
E-KFR-1570	Furnish & Install Fence	2d	30-Apr-16	03-May-16	197d
Retaining Wall from Station 06 to station 07 Length = 22.9 lm					
E-KFR-1420	Excavation for Foundation & Subgrade layer Compaction	4d	10-Mar-16 A	13-Mar-16 A	
E-KFR-1430	Form/Steel Rebars for Foundation	8d	23-Mar-16 A	28-Mar-16 A	
E-KFR-1440	Cast Concrete for Foundation	1d	29-Mar-16 A	29-Mar-16 A	
E-KFR-1450	Concrete Curing & Isolation	7d	30-Mar-16 A	07-Apr-16	210d
E-KFR-1460	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	15d	31-Mar-16 A	18-Apr-16	200d
E-KFR-1470	Cast Reinforced Concrete for the Retaining Wall	1d	19-Apr-16	19-Apr-16	200d
E-KFR-1480	Deshuttering & Curing For Walls	7d	20-Apr-16	27-Apr-16	200d
E-KFR-1490	Furnish & Install Fence	2d	04-May-16	05-May-16	197d
Retaining Wall from Station 07 to station 01 Length = 44.14					
E-KFR-1580	Excavation for Foundation & Subgrade layer Compaction	10d	02-Apr-16	12-Apr-16	171d
E-KFR-1590	Form/Steel Rebars for Foundation	14d	13-Apr-16	28-Apr-16	171d
E-KFR-1600	Cast Concrete for Foundation	1d	30-Apr-16	30-Apr-16	171d
E-KFR-1610	Concrete Curing & Isolation	7d	03-May-16	10-May-16	186d



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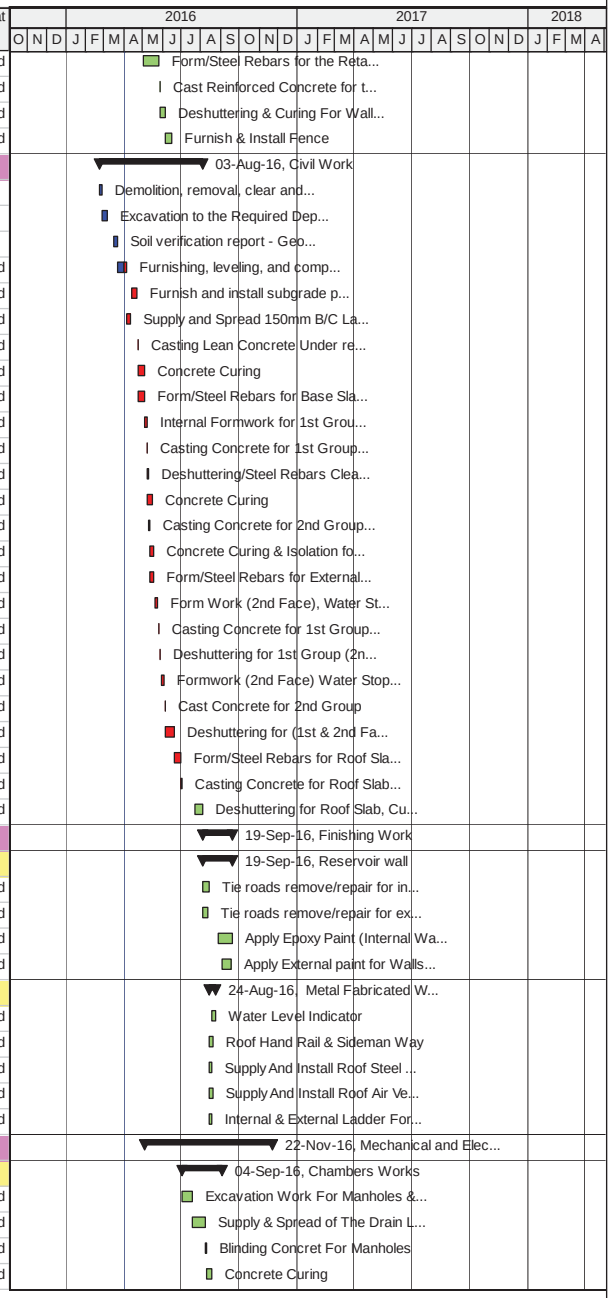
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
E-KFR-1620	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	21d	03-May-16	26-May-16	171d
E-KFR-1630	Cast Reinforced Concrete for the Retaining Wall	1d	28-May-16	28-May-16	171d
E-KFR-1640	Deshuttering & Curing For Walls	7d	29-May-16	06-Jun-16	171d
E-KFR-1650	Furnish & Install Fence	5d	06-Jun-16	15-Jun-16	171d
Civil Work					
E-KFR-2015	Demolition, removal, clear and grub site, Site Grading and Preparation	5d	23-Feb-16 A	26-Feb-16 A	
E-KFR-2016	Excavation to the Required Depth for the Base slab	8d	27-Feb-16 A	07-Mar-16 A	
E-KFR-2020	Soil verification report - Geotechnical report	3d	17-Mar-16 A	22-Mar-16 A	
E-KFR-2025	Furnishing, leveling, and compacting of subgrade layer	8d	22-Mar-16 A	05-Apr-16	-26d
E-KFR-2026	Furnish and install subgrade piping (Washout drainage pipe and other pipes)	8d	13-Apr-16	21-Apr-16	-26d
E-KFR-2030	Supply and Spread 150mm B/C Layers With Compaction Test & under ground Piping & Perforated Pipes	6d	06-Apr-16	12-Apr-16	-26d
E-KFR-2040	Casting Lean Concrete Under reservoir	1d	23-Apr-16	23-Apr-16	-26d
E-KFR-2050	Concrete Curing	7d	24-Apr-16	03-May-16	-26d
E-KFR-2060	Form/Steel Rebars for Base Slab and Installing Water Stop	7d	24-Apr-16	03-May-16	-26d
E-KFR-2070	Internal Formwork for 1st Group Ring Foundation (Costruction Joints)	3d	04-May-16	07-May-16	-26d
E-KFR-2080	Casting Concrete for 1st Group Ring Foundation	1d	08-May-16	08-May-16	-26d
E-KFR-2090	Deshuttering/Steel Rebars Cleaning	2d	09-May-16	10-May-16	-26d
E-KFR-2100	Concrete Curing	7d	09-May-16	16-May-16	-24d
E-KFR-2110	Casting Concrete for 2nd Group Base Slab	1d	11-May-16	11-May-16	-26d
E-KFR-2120	Concrete Curing & Isolation for Under Ground Elements	7d	12-May-16	19-May-16	-26d
E-KFR-2130	Form/Steel Rebars for External Wall & Middle Column Foundation (1st Face) With Seismec Cans Installation	5d	12-May-16	17-May-16	-24d
E-KFR-2140	Form Work (2nd Face), Water Stop installation 1st Group	5d	21-May-16	25-May-16	-26d
E-KFR-2150	Casting Concrete for 1st Group of walls	1d	26-May-16	26-May-16	-26d
E-KFR-2160	Deshuttering for 1st Group (2nd face) & Curing For Walls	2d	28-May-16	29-May-16	-26d
E-KFR-2170	Formwork (2nd Face) Water Stop installation 2nd Group & Form/Steel for Middle Column/With Seismec Cans Installation	5d	30-May-16	04-Jun-16	-26d
E-KFR-2180	Cast Concrete for 2nd Group	1d	05-Jun-16	06-Jun-16	-26d
E-KFR-2190	Deshuttering for (1st & 2nd Face) & Curing For Walls	7d	06-Jun-16	19-Jun-16	-26d
E-KFR-2200	Form/Steel Rebars for Roof Slab	6d	19-Jun-16	30-Jun-16	-26d
E-KFR-2210	Casting Concrete for Roof Slab & Mechanical Finishing	1d	30-Jun-16	02-Jul-16	-26d
E-KFR-2220	Deshuttering for Roof Slab, Curing & Cleaning RSV	10d	23-Jul-16	03-Aug-16	77d
Finishing Work					
Reservoir wall					
E-KFR-2900	Tie roads remove/repair for internal walls	9d	03-Aug-16	14-Aug-16	77d
E-KFR-3000	Tie roads remove/repair for externl walls	7d	03-Aug-16	11-Aug-16	79d
E-KFR-3010	Apply Epoxy Paint (Internal Walls) & Base	15d	28-Aug-16	19-Sep-16	77d
E-KFR-3020	Apply External paint for Walls & Roof Slab	7d	04-Sep-16	17-Sep-16	104d
Metal Fabricated Works					
E-KFR-1050	Water Level Indicator	5d	18-Aug-16	24-Aug-16	120d
E-KFR-1060	Roof Hand Rail & Sideman Way	5d	14-Aug-16	20-Aug-16	124d
E-KFR-1070	Supply And Install Roof Steel Cover	4d	14-Aug-16	18-Aug-16	125d
E-KFR-1080	Supply And Install Roof Air Vents	5d	14-Aug-16	20-Aug-16	124d
E-KFR-3030	Internal & External Ladder For RSV	4d	14-Aug-16	18-Aug-16	120d
Mechanical and Electrical Work					
Chambers Works					
E-KFR-1090	Excavation Work For Manholes & Pipelines In Yard	10d	02-Jul-16	18-Jul-16	103d
E-KFR-1100	Supply & Spread of The Drain Layer For Manholes	18d	18-Jul-16	08-Aug-16	111d
E-KFR-1110	Blinding Concret For Manholes	1d	08-Aug-16	09-Aug-16	111d
E-KFR-1120	Concrete Curing	7d	09-Aug-16	17-Aug-16	111d



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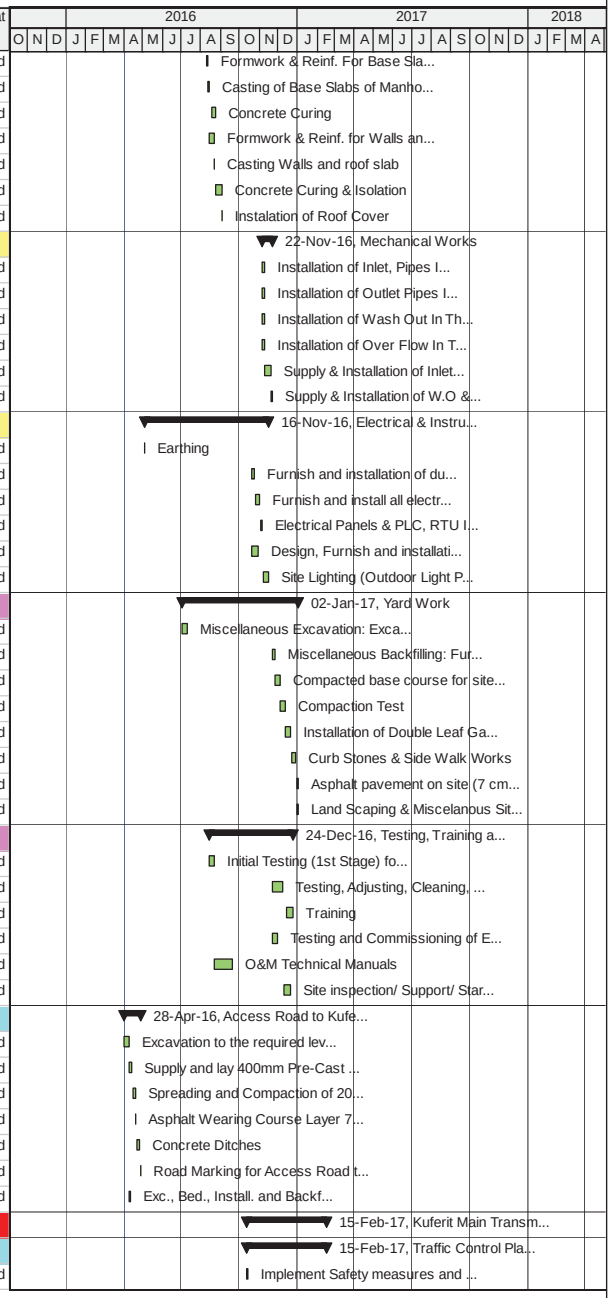
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
E-KFR-1130	Formwork & Reinf. For Base Slab	2d	09-Aug-16	11-Aug-16	113d
E-KFR-1140	Casting of Base Slabs of Manholes	1d	11-Aug-16	13-Aug-16	113d
E-KFR-1150	Concrete Curing	7d	17-Aug-16	25-Aug-16	111d
E-KFR-1160	Formwork & Reinf. for Walls and roof slab	8d	13-Aug-16	22-Aug-16	113d
E-KFR-1170	Casting Walls and roof slab	1d	22-Aug-16	23-Aug-16	113d
E-KFR-1180	Concrete Curing & Isolation	7d	25-Aug-16	03-Sep-16	111d
E-KFR-1190	Instalation of Roof Cover	1d	03-Sep-16	04-Sep-16	111d
Mechanical Works					
E-KFR-1200	Installation of Inlet, Pipes In The Yard	4d	06-Nov-16	09-Nov-16	17d
E-KFR-1210	Installation of Outlet Pipes In The Yard	4d	06-Nov-16	09-Nov-16	17d
E-KFR-1220	Installation of Wash Out In The Yard	4d	06-Nov-16	09-Nov-16	17d
E-KFR-1230	Installation of Over Flow In The Yard	4d	06-Nov-16	09-Nov-16	17d
E-KFR-1240	Supply & Installation of Inlet & Outlet Fittings	7d	10-Nov-16	19-Nov-16	17d
E-KFR-1250	Supply & Installation of W.O & Overflow Fittings	3d	20-Nov-16	22-Nov-16	17d
Electrical & Instrumentation Works					
E-KFR-1260	Earthing	1d	04-May-16	04-May-16	162d
E-KFR-1270	Furnish and installation of duct banks and pre-cast pullbox	5d	20-Oct-16	25-Oct-16	35d
E-KFR-1280	Furnish and install all electrical conduit, cable, equipment, Electrical Manhole	7d	26-Oct-16	02-Nov-16	35d
E-KFR-1290	Electrical Panels & PLC, RTU Instrumentation with Field Wiring & System Programing	3d	03-Nov-16	06-Nov-16	35d
E-KFR-1300	Design, Furnish and installation of Lightning Protection and Grounding System	10d	20-Oct-16	31-Oct-16	40d
E-KFR-1310	Site Lighting (Outdoor Light Poles with Lighting Fixtures)	8d	07-Nov-16	16-Nov-16	35d
Yard Work					
E-KFR-1900	Miscellaneous Excavation: Excavate to the required depth as per design drawings	3d	02-Jul-16	10-Jul-16	114d
E-KFR-1920	Miscellaneous Backfilling: Furnishing, leveling, and compaction of selected fill for subgrade layer	3d	23-Nov-16	26-Nov-16	17d
E-KFR-1930	Compacted base course for site grading, 200 mm layer	7d	27-Nov-16	04-Dec-16	17d
E-KFR-1940	Compaction Test	7d	05-Dec-16	12-Dec-16	17d
E-KFR-1950	Installation of Double Leaf Gate Access gate	6d	13-Dec-16	21-Dec-16	17d
E-KFR-1960	Curb Stones & Side Walk Works	6d	22-Dec-16	29-Dec-16	17d
E-KFR-1980	Asphalt pavement on site (7 cm), ¾" asphalt mix design including MC	2d	31-Dec-16	02-Jan-17	17d
E-KFR-1990	Land Scaping & Miscelanous Site Appurtances	2d	31-Dec-16	02-Jan-17	17d
Testing, Training and Commissioning					
E-KFR-1330	Initial Testing (1st Stage) for Water Tightness	7d	14-Aug-16	22-Aug-16	77d
E-KFR-5275	Testing, Adjusting, Cleaning, Disinfection, Commissioning, and Operator Instruction 2nd Stage	14d	23-Nov-16	08-Dec-16	23d
E-KFR-5280	Training	7d	14-Dec-16	24-Dec-16	23d
E-KFR-5285	Testing and Commissioning of Electrical and Control Systems and Equipment	7d	23-Nov-16	30-Nov-16	30d
E-KFR-5290	O&M Technical Manuals	20d	22-Aug-16	19-Sep-16	91d
E-KFR-5300	Site inspection/ Support/ Start up	9d	10-Dec-16	21-Dec-16	23d
Access Road to Kuferit Reservoir (170 m of two-lane road with shoulder)					
E-KFR-1000	Excavation to the required level for Access Road to Kuferit Reservoir from Station 0+000 to Station 0+170	7d	02-Apr-16	09-Apr-16	159d
E-KFR-1010	Supply and lay 400mm Pre-Cast Concrete Pipe Connection joint precast	5d	10-Apr-16	14-Apr-16	206d
E-KFR-1020	Spreading and Compaction of 20cm Base Course for Access Road to Kuferit Reservoir from Station 0+000 to Station 0+1	4d	16-Apr-16	19-Apr-16	206d
E-KFR-1030	Asphalt Wearing Course Layer 7cm for Access Road to Kuferit Reservoir from Station 0+000 to Station 0+170 including M	1d	20-Apr-16	20-Apr-16	206d
E-KFR-1035	Concrete Ditches	5d	21-Apr-16	26-Apr-16	206d
E-KFR-1040	Road Marking for Access Road to Ajja Reservoir from Station 0+000 to Station 0+170	2d	27-Apr-16	28-Apr-16	206d
E-YKT-1160	Exc., Bed., Install. and Backfill. 150mm Kuferit Force Line from St. 2+300 to St. 2+463	2d	10-Apr-16	11-Apr-16	159d
Kuferit Main Transmission Pipeline - Yabad Junction to Kuferit Reservoir (150mm x 2.4 km)					
Traffic Control Plan and Safety					
SWJ-TCP-1380	Implement Safety measures and Traffic Control Plan for Zone 02	2d	12-Oct-16	15-Oct-16	122d



Actual Work | Critical Remaining Work | Summary
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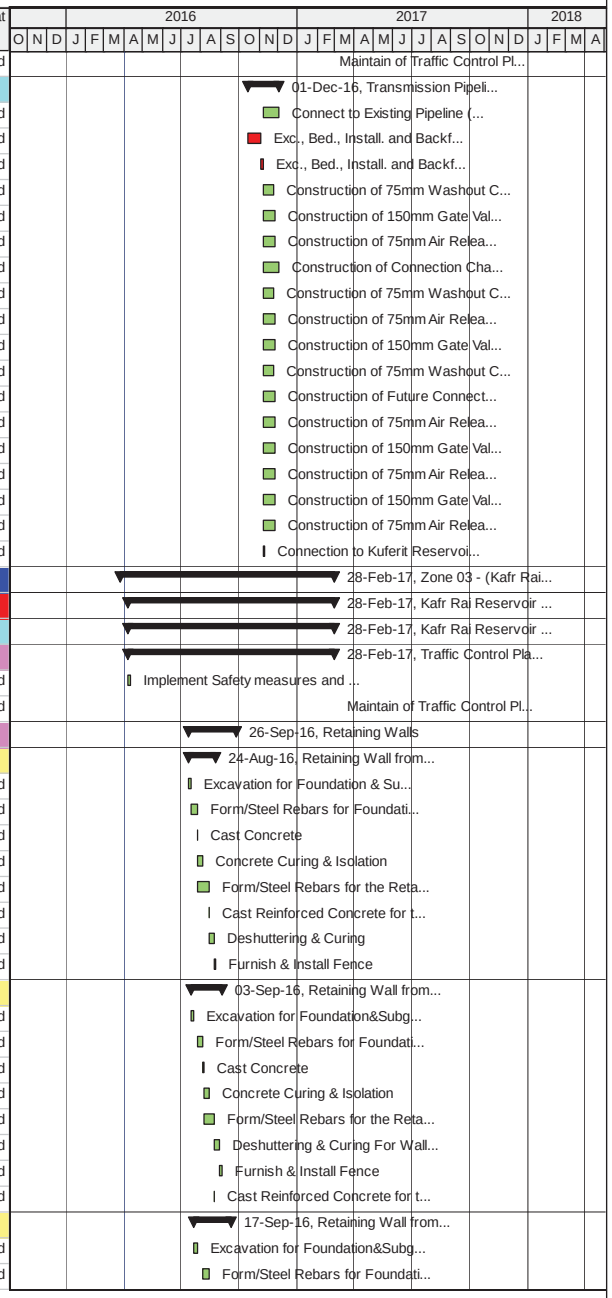
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
SWJ-TCP-1390	Maintain of Traffic Control Plan and Safety measures for Zone 02	95d	15-Oct-16	15-Feb-17	1d
Transmission Pipeline					
E-YKT-1000	Connect to Existing Pipeline (Cased Crossing at Israeli Highways (C-203 / C-DT20)) from Station 0+000 to Station 0+030	20d	07-Nov-16	01-Dec-16	56d
E-YKT-1010	Exc., Bed., Install. and Backfill. 150mm Kuferit Force Line from St. 0+030 to St. 2+000	17d	15-Oct-16	03-Nov-16	-2d
E-YKT-1015	Exc., Bed., Install. and Backfill. 150mm Kuferit Force Line from St. 2+000 to St. 2+300	3d	03-Nov-16	07-Nov-16	-2d
E-YKT-1020	Construction of 75mm Washout Chamber at station 0+035 on 150mm pipe	13d	07-Nov-16	23-Nov-16	3d
E-YKT-1030	Construction of 150mm Gate Valve Chamber at Station 0+500	15d	07-Nov-16	26-Nov-16	1d
E-YKT-1040	Construction of 75mm Air Release Valve Chamber at station 0+542 on 150mm pipe	15d	07-Nov-16	26-Nov-16	1d
E-YKT-1050	Construction of Connection Chamber at station 0+618 on 150mm pipe (CHF-122)	20d	07-Nov-16	01-Dec-16	16d
E-YKT-1060	Construction of 75mm Washout Chamber at station 0+700 on 150mm pipe	13d	07-Nov-16	23-Nov-16	3d
E-YKT-1070	Construction of 75mm Air Release Valve Chamber at station 0+945 on 150mm pipe	15d	07-Nov-16	26-Nov-16	1d
E-YKT-1080	Construction of 150mm Gate Valve Chamber at Station 1+205	15d	07-Nov-16	26-Nov-16	1d
E-YKT-1090	Construction of 75mm Washout Chamber at station 1+210 on 150mm pipe	13d	07-Nov-16	23-Nov-16	3d
E-YKT-1095	Construction of Future Connection to Kufiret Well (150mm Gate Valve at Station 1+220)	15d	07-Nov-16	26-Nov-16	1d
E-YKT-1100	Construction of 75mm Air Release Valve Chamber at station 1+280 on 150mm pipe	15d	07-Nov-16	26-Nov-16	1d
E-YKT-1110	Construction of 150mm Gate Valve Chamber at Station 1+500	15d	07-Nov-16	26-Nov-16	1d
E-YKT-1120	Construction of 75mm Air Release Valve Chamber at station 1+765 on 150mm pipe	15d	07-Nov-16	26-Nov-16	1d
E-YKT-1130	Construction of 150mm Gate Valve Chamber at Station 2+000	15d	07-Nov-16	26-Nov-16	1d
E-YKT-1140	Construction of 75mm Air Release Valve Chamber at station 2+165 on 150mm pipe	15d	07-Nov-16	26-Nov-16	1d
E-YKT-1150	Connection to Kuferit Reservoir	2d	07-Nov-16	09-Nov-16	14d
Zone 03 - (Kafr Rai and Ajja)					
Kafr Rai Reservoir and Access Road					
Kafr Rai Reservoir - New Construction 1,000 m3 At Grade					
Traffic Control Plan and Safety					
E-KRR-1720	Implement Safety measures and Traffic Control Plan for Kafr Rai Reservoir	4d	07-Apr-16	11-Apr-16	263d
E-KRR-1730	Maintain of Traffic Control Plan and Safety measures for Kafr Rai Reservoir	247d	12-Apr-16	28-Feb-17	-26d
Retaining Walls					
Retaining Wall from Station 01 to station 04 Length = 35 lm					
E-KRR-2410	Excavation for Foundation & Subgrade layer Compaction	4d	12-Jul-16	17-Jul-16	96d
E-KRR-2420	Form/Steel Rebars for Foundation	8d	17-Jul-16	26-Jul-16	96d
E-KRR-2430	Cast Concrete	1d	26-Jul-16	27-Jul-16	114d
E-KRR-2440	Concrete Curing & Isolation	7d	27-Jul-16	04-Aug-16	122d
E-KRR-2450	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	27-Jul-16	13-Aug-16	114d
E-KRR-2460	Cast Reinforced Concrete for the Retaining Wall	1d	13-Aug-16	14-Aug-16	114d
E-KRR-2470	Deshuttering & Curing	7d	14-Aug-16	22-Aug-16	114d
E-KRR-2480	Furnish & Install Fence	2d	22-Aug-16	24-Aug-16	114d
Retaining Wall from Station 04 to station 03 Length = 36 lm					
E-KRR-2490	Excavation for Foundation&Subgrade layer Compaction	4d	17-Jul-16	21-Jul-16	100d
E-KRR-2500	Form/Steel Rebars for Foundation	8d	26-Jul-16	04-Aug-16	96d
E-KRR-2510	Cast Concrete	1d	04-Aug-16	06-Aug-16	108d
E-KRR-2520	Concrete Curing & Isolation	7d	06-Aug-16	14-Aug-16	116d
E-KRR-2530	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	06-Aug-16	22-Aug-16	108d
E-KRR-2540	Deshuttering & Curing For Walls	7d	23-Aug-16	31-Aug-16	108d
E-KRR-2550	Furnish & Install Fence	2d	31-Aug-16	03-Sep-16	108d
E-KRR-2560	Cast Reinforced Concrete for the Retaining Wall	1d	22-Aug-16	23-Aug-16	108d
Retaining Wall from Station 02 to station 03 Length = 30 lm					
E-KRR-2650	Excavation for Foundation&Subgrade layer Compaction	4d	21-Jul-16	26-Jul-16	104d
E-KRR-2660	Form/Steel Rebars for Foundation	8d	04-Aug-16	14-Aug-16	96d



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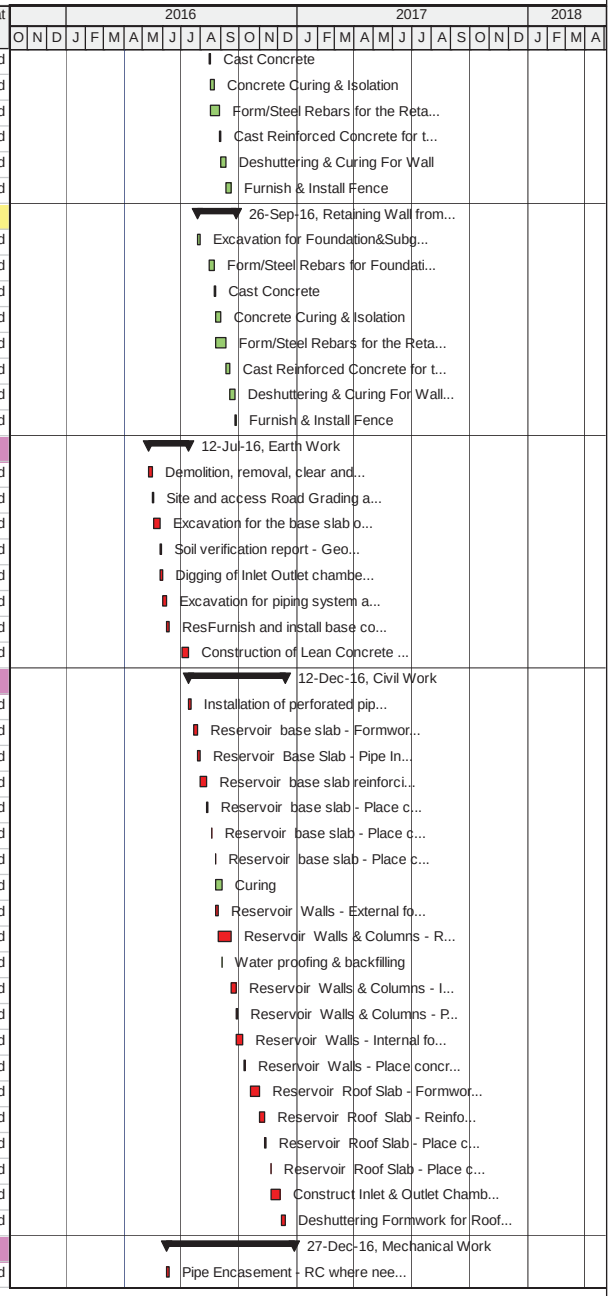
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
E-KRR-2670	Cast Concrete	1d	14-Aug-16	15-Aug-16	102d
E-KRR-2680	Concrete Curing & Isolation	7d	15-Aug-16	23-Aug-16	110d
E-KRR-2690	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	15-Aug-16	31-Aug-16	102d
E-KRR-2700	Cast Reinforced Concrete for the Retaining Wall	1d	31-Aug-16	01-Sep-16	102d
E-KRR-2710	Deshuttering & Curing For Wall	7d	01-Sep-16	10-Sep-16	102d
E-KRR-2720	Furnish & Install Fence	2d	10-Sep-16	17-Sep-16	102d
Retaining Wall from Station 01 to station 02 Length = 8 lm					
E-KRR-3000	Excavation for Foundation&Subgrade layer Compaction	4d	26-Jul-16	31-Jul-16	108d
E-KRR-3005	Form/Steel Rebars for Foundation	8d	14-Aug-16	23-Aug-16	96d
E-KRR-3010	Cast Concrete	1d	23-Aug-16	24-Aug-16	96d
E-KRR-3015	Concrete Curing & Isolation	7d	24-Aug-16	01-Sep-16	104d
E-KRR-3020	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	24-Aug-16	10-Sep-16	96d
E-KRR-3025	Cast Reinforced Concrete for the Retaining Wall	1d	10-Sep-16	15-Sep-16	96d
E-KRR-3030	Deshuttering & Curing For Walls	7d	15-Sep-16	24-Sep-16	96d
E-KRR-3035	Furnish & Install Fence	2d	24-Sep-16	26-Sep-16	96d
Earth Work					
E-KRR-1710	Demolition, removal, clear and grub site	5d	10-May-16	15-May-16	-15d
E-KRR-1810	Site and access Road Grading and Preparation	3d	16-May-16	18-May-16	-15d
E-KRR-1820	Excavation for the base slab of the Reservoir & Inlet Outlet Chamber	8d	19-May-16	28-May-16	-15d
E-KRR-1825	Soil verification report - Geotechnical report	3d	29-May-16	31-May-16	-14d
E-KRR-1830	Digging of Inlet Outlet chamber (S-RVV01)	4d	29-May-16	01-Jun-16	-15d
E-KRR-1840	Excavation for piping system and Furnishing, leveling, and compacting of subgrade layer	4d	02-Jun-16	08-Jun-16	-15d
E-KRR-1860	ResFurnish and install base course (150mm in depth) under base slab	2d	08-Jun-16	12-Jun-16	-15d
E-KRR-1870	Construction of Lean Concrete under foundation of Reservoir	5d	02-Jul-16	12-Jul-16	-26d
Civil Work					
E-KRR-1880	Installation of perforated pipes	3d	12-Jul-16	16-Jul-16	-26d
E-KRR-1890	Reservoir base slab - Formwork	5d	21-Jul-16	27-Jul-16	-26d
E-KRR-1900	Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and other pipes)	2d	27-Jul-16	30-Jul-16	-26d
E-KRR-1910	Reservoir base slab reinforcing steel & water stop installation	10d	30-Jul-16	10-Aug-16	-26d
E-KRR-1930	Reservoir base slab - Place concrete (Stage 1)	1d	10-Aug-16	11-Aug-16	-26d
E-KRR-1960	Reservoir base slab - Place concrete (Stage 2)	1d	17-Aug-16	18-Aug-16	-26d
E-KRR-1970	Reservoir base slab - Place concrete (Stage 3) - Footing of Columns	1d	24-Aug-16	25-Aug-16	-26d
E-KRR-1990	Curing	7d	25-Aug-16	03-Sep-16	50d
E-KRR-2000	Reservoir Walls - External formwork	2d	25-Aug-16	28-Aug-16	-26d
E-KRR-2010	Reservoir Walls & Columns - Reinforcing steel & vertical water stop installation	12d	29-Aug-16	17-Sep-16	-26d
E-KRR-2020	Water proofing & backfilling	1d	03-Sep-16	04-Sep-16	50d
E-KRR-2030	Reservoir Walls & Columns - Internal formwork - (Stage 1)	8d	17-Sep-16	26-Sep-16	-26d
E-KRR-2040	Reservoir Walls & Columns - Place concrete (Stage 1)	1d	26-Sep-16	27-Sep-16	-26d
E-KRR-2050	Reservoir Walls - Internal formwork - (Stage 2-Walls 2,4,6 & 8)	8d	26-Sep-16	05-Oct-16	-23d
E-KRR-2060	Reservoir Walls - Place concrete (Stage 2)	1d	09-Oct-16	10-Oct-16	-26d
E-KRR-2070	Reservoir Roof Slab - Formwork	12d	18-Oct-16	01-Nov-16	-26d
E-KRR-2090	Reservoir Roof Slab - Reinforcing steel & Constuction Joints Installation	8d	01-Nov-16	10-Nov-16	-26d
E-KRR-2100	Reservoir Roof Slab - Place concrete (Stage 1-Part A & C)	1d	10-Nov-16	12-Nov-16	-26d
E-KRR-2110	Reservoir Roof Slab - Place concrete (Stage 2-Part B & D)	1d	19-Nov-16	20-Nov-16	-26d
E-KRR-2140	Construct Inlet & Outlet Chambers (Valve Vault)	13d	20-Nov-16	05-Dec-16	-24d
E-KRR-2170	Deshuttering Formwork for Roof Slab	5d	06-Dec-16	12-Dec-16	-26d
Mechanical Work					
E-KRR-1850	Pipe Encasement - RC where needed	2d	08-Jun-16	12-Jun-16	-7d



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

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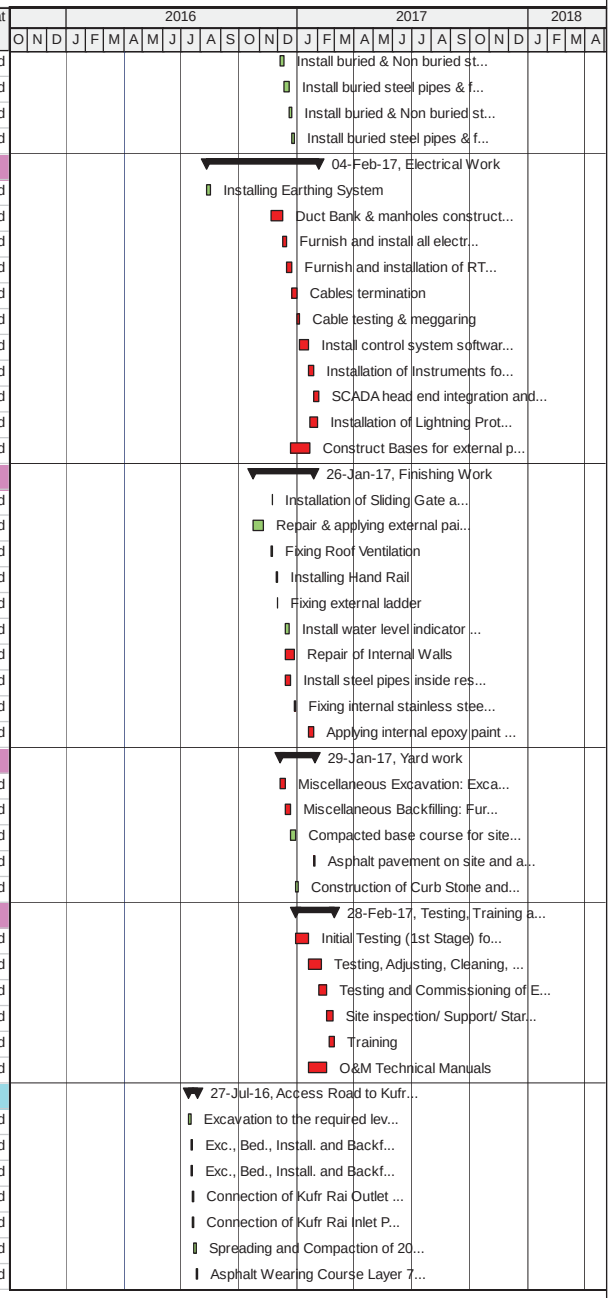
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
E-KRR-2220	Install buried & Non buried steel pipes & fittings- Outlet	5d	05-Dec-16	11-Dec-16	21d
E-KRR-2230	Install buried steel pipes & fittings - Washout	5d	11-Dec-16	19-Dec-16	21d
E-KRR-2260	Install buried & Non buried steel pipes & fittings - Inlet	3d	19-Dec-16	22-Dec-16	21d
E-KRR-2270	Install buried steel pipes & fittings - Overflow	3d	22-Dec-16	27-Dec-16	21d
Electrical Work					
E-KRR-1920	Installing Earthing System	5d	10-Aug-16	16-Aug-16	51d
E-KRR-2130	Duct Bank & manholes construction and pre-cast pullbox	16d	20-Nov-16	08-Dec-16	-26d
E-KRR-2280	Furnish and install all electrical conduit, cable, equipment, and other miscellaneous electrical elements.	5d	08-Dec-16	14-Dec-16	-26d
E-KRR-2290	Furnish and installation of RTU, RTU Panel and breaker Panel	5d	14-Dec-16	22-Dec-16	-26d
E-KRR-2300	Cables termination	6d	22-Dec-16	31-Dec-16	-26d
E-KRR-2310	Cable testing & meggaring	3d	31-Dec-16	04-Jan-17	-26d
E-KRR-2320	Install control system software	10d	04-Jan-17	19-Jan-17	-26d
E-KRR-2340	Installation of Instruments for the site and its facilities and Structures per section 13500A	6d	19-Jan-17	26-Jan-17	-26d
E-KRR-2350	SCADA head end integration and programming for the site and its facilities	7d	26-Jan-17	04-Feb-17	-26d
E-KRR-5265	Installation of Lightning Protection and Grounding System and Light Poles	10d	21-Jan-17	01-Feb-17	-24d
E-KRR-5275	Construct Bases for external power lighting	21d	21-Dec-16	21-Jan-17	-24d
Finishing Work					
E-KRR-1980	Installation of Sliding Gate as shown on detail C-118 Sheet C-DT12	1d	21-Nov-16	22-Nov-16	48d
E-KRR-2080	Repair & applying external paint for the reservoir	14d	22-Oct-16	07-Nov-16	60d
E-KRR-2120	Fixing Roof Ventilation	1d	20-Nov-16	21-Nov-16	48d
E-KRR-2150	Installing Hand Rail	2d	28-Nov-16	30-Nov-16	40d
E-KRR-2160	Fixing external ladder	1d	30-Nov-16	01-Dec-16	40d
E-KRR-2190	Install water level indicator & Access Cover	3d	12-Dec-16	18-Dec-16	28d
E-KRR-2200	Repair of Internal Walls	10d	12-Dec-16	27-Dec-16	-26d
E-KRR-2210	Install steel pipes inside reservoir - Outlet	5d	12-Dec-16	20-Dec-16	-20d
E-KRR-2240	Fixing internal stainless steel access ladder	1d	27-Dec-16	28-Dec-16	-26d
E-KRR-2330	Applying internal epoxy paint for the reservoir	6d	19-Jan-17	26-Jan-17	-3d
Yard work					
E-KRR-2370	Miscellaneous Excavation: Excavate to the required depth as per design drawings	6d	05-Dec-16	12-Dec-16	-24d
E-KRR-2380	Miscellaneous Backfilling: Furnishing, leveling, and compaction of selected fill for subgrade layer	6d	12-Dec-16	21-Dec-16	-24d
E-KRR-2390	Compacted base course for site and access road grading, 200 mm layer	5d	21-Dec-16	28-Dec-16	15d
E-KRR-2400	Asphalt pavement on site and access road (7 cm), ¾" asphalt mix design including MC	2d	26-Jan-17	29-Jan-17	-3d
E-KRR-2890	Construction of Curb Stone and Sidewalk	3d	28-Dec-16	02-Jan-17	15d
Testing, Training and Commissioning					
E-KRR-2250	Initial Testing (1st Stage) for Water Tightness	15d	28-Dec-16	19-Jan-17	-26d
E-KRR-2255	Testing, Adjusting, Cleaning, Disinfection, Commissioning, and Operator Instruction 2nd Stage	14d	19-Jan-17	08-Feb-17	-20d
E-KRR-2263	Testing and Commissioning of Electrical and Control Systems and Equipment	7d	04-Feb-17	15-Feb-17	-26d
E-KRR-2267	Site inspection/ Support/ Start up	9d	15-Feb-17	26-Feb-17	-26d
E-KRR-2268	Training	7d	20-Feb-17	28-Feb-17	-26d
E-MTR-5290	O&M Technical Manuals	20d	19-Jan-17	15-Feb-17	-26d
Access Road to Kufr Rai Reservoir (62 m of two-lane road with shoulder)					
E-KRR-1700	Excavation to the required level for Access Road to Kufr Rai Reservoir	4d	12-Jul-16	17-Jul-16	144d
E-KRR-1740	Exc., Bed., Install. and Backfill. 250mm Kufr Rai Outlet Pipeline from St. 0+000 to St. 0+062	2d	17-Jul-16	19-Jul-16	144d
E-KRR-1750	Exc., Bed., Install. and Backfill. 250mm Kufr Rai Inlet Pipeline from St. 0+000 to St. 0+062	2d	17-Jul-16	19-Jul-16	144d
E-KRR-1760	Connection of Kufr Rai Outlet Pipeline to the existing Outlet Pipeline	2d	19-Jul-16	21-Jul-16	144d
E-KRR-1770	Connection of Kufr Rai Inlet Pipeline to the existing Pipeline	2d	19-Jul-16	21-Jul-16	144d
E-KRR-1780	Spreading and Compaction of 20cm Base Course for Access Road to Kufr Rai Reservoir from Station 0+000 to Station 0+	3d	21-Jul-16	25-Jul-16	144d
E-KRR-1790	Asphalt Wearing Course Layer 7cm for Access Road to Kufr Rai Reservoir from Station 0+000 to Station 0+062 including	1d	25-Jul-16	26-Jul-16	144d



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

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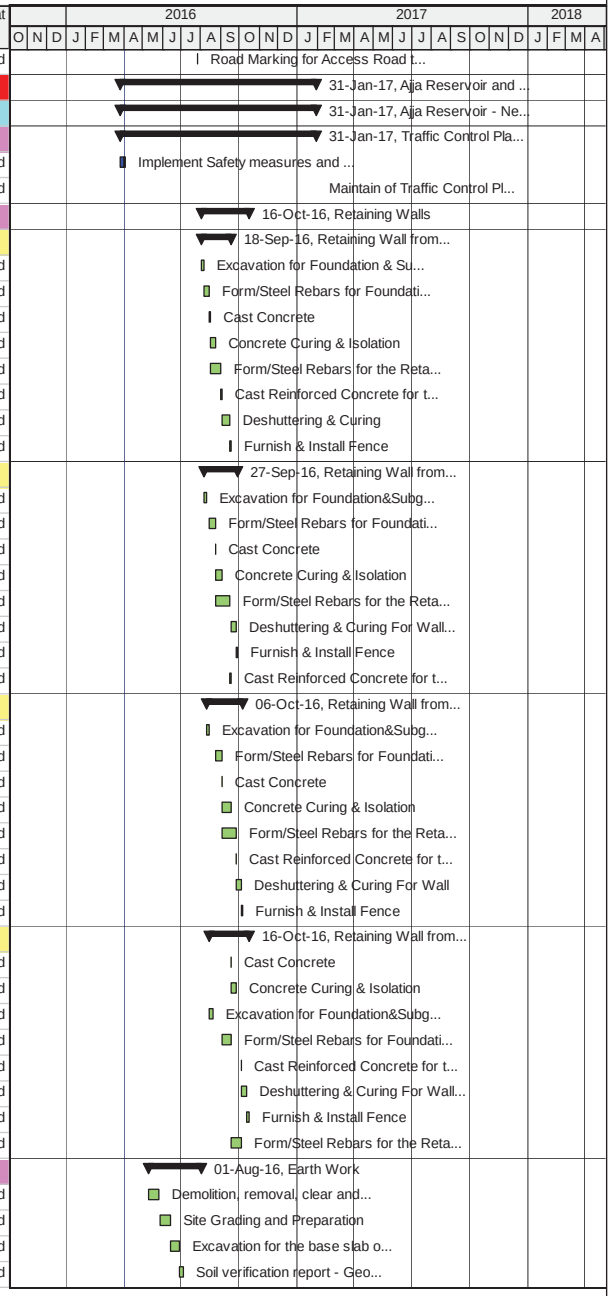
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
E-KRR-1800	Road Marking for Access Road to Kufr Rai Reservoir from Station 0+000 to Station 0+062	1d	26-Jul-16	27-Jul-16	144d
Ajja Reservoir and Access Road					
Ajja Reservoir - New Construction 1000 m3 At Grade					
Traffic Control Plan and Safety					
E-AJR-1670	Implement Safety measures and Traffic Control Plan for Ajja Reservoir	4d	27-Mar-16 A	03-Apr-16	263d
E-AJR-1680	Maintain of Traffic Control Plan and Safety measures for Ajja Reservoir	233d	04-Apr-16	31-Jan-17	-4d
Retaining Walls					
Retaining Wall from Station 01 to station 04 Length = 35 lm					
E-AJR-1700	Excavation for Foundation & Subgrade layer Compaction	4d	01-Aug-16	06-Aug-16	79d
E-AJR-1710	Form/Steel Rebars for Foundation	8d	06-Aug-16	15-Aug-16	79d
E-AJR-1720	Cast Concrete	1d	15-Aug-16	16-Aug-16	97d
E-AJR-1730	Concrete Curing & Isolation	7d	16-Aug-16	24-Aug-16	105d
E-AJR-1740	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	16-Aug-16	01-Sep-16	97d
E-AJR-1750	Cast Reinforced Concrete for the Retaining Wall	1d	01-Sep-16	03-Sep-16	97d
E-AJR-1760	Deshuttering & Curing	7d	03-Sep-16	15-Sep-16	97d
E-AJR-1770	Furnish & Install Fence	2d	15-Sep-16	18-Sep-16	97d
Retaining Wall from Station 04 to station 03 Length = 36 lm					
E-AJR-1780	Excavation for Foundation&Subgrade layer Compaction	4d	06-Aug-16	10-Aug-16	83d
E-AJR-1790	Form/Steel Rebars for Foundation	8d	15-Aug-16	24-Aug-16	79d
E-AJR-1800	Cast Concrete	1d	24-Aug-16	25-Aug-16	91d
E-AJR-1810	Concrete Curing & Isolation	7d	25-Aug-16	03-Sep-16	99d
E-AJR-1820	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	25-Aug-16	15-Sep-16	91d
E-AJR-1830	Deshuttering & Curing For Walls	7d	17-Sep-16	25-Sep-16	91d
E-AJR-1840	Furnish & Install Fence	2d	25-Sep-16	27-Sep-16	91d
E-AJR-1850	Cast Reinforced Concrete for the Retaining Wall	1d	15-Sep-16	17-Sep-16	91d
Retaining Wall from Station 02 to station 03 Length = 30 lm					
E-AJR-1860	Excavation for Foundation&Subgrade layer Compaction	4d	10-Aug-16	15-Aug-16	87d
E-AJR-1870	Form/Steel Rebars for Foundation	8d	24-Aug-16	03-Sep-16	79d
E-AJR-1880	Cast Concrete	1d	03-Sep-16	04-Sep-16	85d
E-AJR-1890	Concrete Curing & Isolation	7d	04-Sep-16	17-Sep-16	93d
E-AJR-1900	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	04-Sep-16	25-Sep-16	85d
E-AJR-1910	Cast Reinforced Concrete for the Retaining Wall	1d	25-Sep-16	26-Sep-16	85d
E-AJR-1920	Deshuttering & Curing For Wall	7d	26-Sep-16	04-Oct-16	85d
E-AJR-1930	Furnish & Install Fence	2d	04-Oct-16	06-Oct-16	85d
Retaining Wall from Station 01 to station 02 Length = 8 lm					
E-AJR-1940	Cast Concrete	1d	17-Sep-16	18-Sep-16	79d
E-AJR-1950	Concrete Curing & Isolation	7d	18-Sep-16	26-Sep-16	87d
E-AJR-1960	Excavation for Foundation&Subgrade layer Compaction	4d	15-Aug-16	20-Aug-16	91d
E-AJR-1970	Form/Steel Rebars for Foundation	8d	03-Sep-16	17-Sep-16	79d
E-AJR-1980	Cast Reinforced Concrete for the Retaining Wall	1d	04-Oct-16	05-Oct-16	79d
E-AJR-1990	Deshuttering & Curing For Walls	7d	05-Oct-16	13-Oct-16	79d
E-AJR-2000	Furnish & Install Fence	2d	13-Oct-16	16-Oct-16	79d
E-AJR-2010	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	18-Sep-16	04-Oct-16	79d
Earth Work					
E-AJR-1410	Demolition, removal, clear and grub site	15d	10-May-16	26-May-16	4d
E-AJR-1420	Site Grading and Preparation	12d	28-May-16	13-Jun-16	4d
E-AJR-1430	Excavation for the base slab of the Reservoir & Inlet Outlet Chamber	8d	14-Jun-16	28-Jun-16	4d
E-AJR-1435	Soil verification report - Geotechnical report	3d	28-Jun-16	04-Jul-16	5d



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

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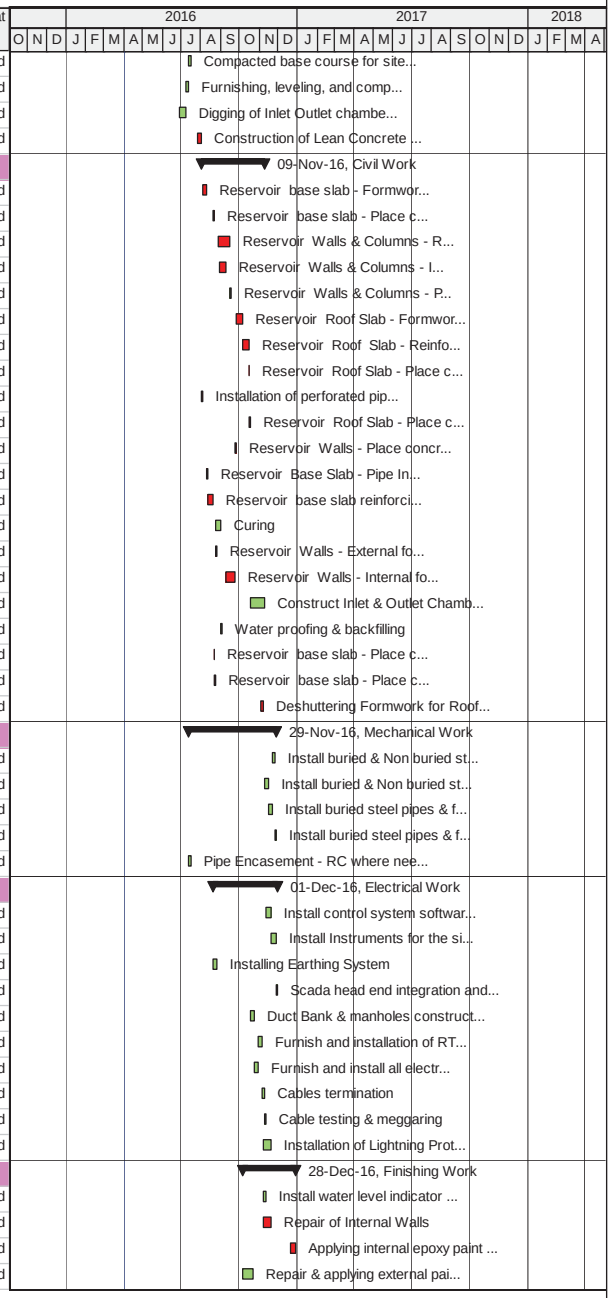
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
E-AJR-1440	Compacted base course for site grading, 200 mm layer	2d	13-Jul-16	16-Jul-16	4d
E-AJR-1460	Furnishing, leveling, and compacting of subgrade layer and Excavation for piping system (Perforated, Outlet & Washout)	4d	09-Jul-16	13-Jul-16	4d
E-AJR-1550	Digging of Inlet Outlet chamber (S-RVV01)	4d	28-Jun-16	09-Jul-16	4d
E-AJR-1690	Construction of Lean Concrete under Reservoir	5d	26-Jul-16	01-Aug-16	-4d
Civil Work					
E-AJR-1320	Reservoir base slab - Formwork	5d	03-Aug-16	09-Aug-16	-4d
E-AJR-1330	Reservoir base slab - Place concrete (Stage 1)	1d	21-Aug-16	22-Aug-16	-4d
E-AJR-1340	Reservoir Walls & Columns - Reinforcing steel & vertical water stop installation	12d	28-Aug-16	15-Sep-16	-4d
E-AJR-1350	Reservoir Walls & Columns - Internal formwork - (Stage 1)	8d	31-Aug-16	10-Sep-16	-4d
E-AJR-1360	Reservoir Walls & Columns - Place concrete (Stage 1)	1d	15-Sep-16	17-Sep-16	2d
E-AJR-1370	Reservoir Roof Slab - Formwork	10d	25-Sep-16	06-Oct-16	-4d
E-AJR-1380	Reservoir Roof Slab - Reinforcing steel & Constuction Joints Installation	8d	06-Oct-16	16-Oct-16	-4d
E-AJR-1390	Reservoir Roof Slab - Place concrete (Stage 1-Part A & C)	1d	16-Oct-16	17-Oct-16	-4d
E-AJR-1450	Installation of perforated pipes	2d	01-Aug-16	03-Aug-16	-4d
E-AJR-1470	Reservoir Roof Slab - Place concrete (Stage 2-Part B & D)	1d	17-Oct-16	18-Oct-16	-4d
E-AJR-1540	Reservoir Walls - Place concrete (Stage 2)	1d	24-Sep-16	25-Sep-16	-4d
E-AJR-1560	Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and Other Pipes)	2d	09-Aug-16	11-Aug-16	-4d
E-AJR-1570	Reservoir base slab reinforcing steel & water stop installation	8d	11-Aug-16	21-Aug-16	-4d
E-AJR-1580	Curing	7d	24-Aug-16	01-Sep-16	73d
E-AJR-1590	Reservoir Walls - External formwork	2d	24-Aug-16	27-Aug-16	-4d
E-AJR-1600	Reservoir Walls - Internal formwork - (Stage 2-Walls 2,4,6 & 8)	8d	10-Sep-16	24-Sep-16	-4d
E-AJR-1610	Construct Inlet & Outlet Chambers	19d	18-Oct-16	09-Nov-16	19d
E-AJR-1630	Water proofing & backfilling	1d	01-Sep-16	03-Sep-16	73d
E-AJR-1640	Reservoir base slab - Place concrete (Stage 2)	1d	22-Aug-16	23-Aug-16	-4d
E-AJR-1650	Reservoir base slab - Place concrete (Stage 3) - Footing of Columns	1d	23-Aug-16	24-Aug-16	-4d
E-AJR-1660	Deshuttering Formwork for Roof Slab	4d	03-Nov-16	08-Nov-16	-4d
Mechanical Work					
E-AJR-1080	Install buried & Non buried steel pipes & fittings - Inlet	3d	22-Nov-16	26-Nov-16	21d
E-AJR-1090	Install buried & Non buried steel pipes & fittings- Outlet	5d	09-Nov-16	16-Nov-16	21d
E-AJR-1110	Install buried steel pipes & fittings - Washout	5d	16-Nov-16	22-Nov-16	21d
E-AJR-1220	Install buried steel pipes & fittings - Overflow	3d	26-Nov-16	29-Nov-16	43d
E-AJR-1400	Pipe Encasement - RC where needed	2d	13-Jul-16	16-Jul-16	11d
Electrical Work					
E-AJR-1200	Install control system software	7d	12-Nov-16	21-Nov-16	23d
E-AJR-1210	Install Instruments for the site and its facilities and Structures per section 13500	6d	21-Nov-16	28-Nov-16	23d
E-AJR-1250	Installing Earthing System	5d	21-Aug-16	27-Aug-16	64d
E-AJR-1300	Scada head end integration and programming for the site and its facilities and Structures per section 13500B	3d	28-Nov-16	01-Dec-16	23d
E-AJR-1480	Duct Bank & manholes construction and installation of pre-cast pullbox	6d	18-Oct-16	25-Oct-16	23d
E-AJR-1500	Furnish and installation of RTU, RTU Panel and breaker Panel	5d	31-Oct-16	06-Nov-16	23d
E-AJR-1510	Furnish and install all electrical conduit, cable, equipment, and other miscellaneous electrical elements.	5d	25-Oct-16	31-Oct-16	23d
E-AJR-1520	Cables termination	3d	06-Nov-16	09-Nov-16	23d
E-AJR-1530	Cable testing & meggaring	2d	09-Nov-16	12-Nov-16	23d
E-AJR-5285	Installation of Lightning Protection and Grounding System and Light Poles	10d	08-Nov-16	21-Nov-16	32d
Finishing Work					
E-AJR-1070	Install water level indicator & Access Cover	3d	08-Nov-16	12-Nov-16	57d
E-AJR-1100	Repair of Internal Walls	10d	08-Nov-16	21-Nov-16	-4d
E-AJR-1120	Applying internal epoxy paint for the reservoir	6d	20-Dec-16	28-Dec-16	-4d
E-AJR-1130	Repair & applying external paint for the reservoir	14d	06-Oct-16	23-Oct-16	74d



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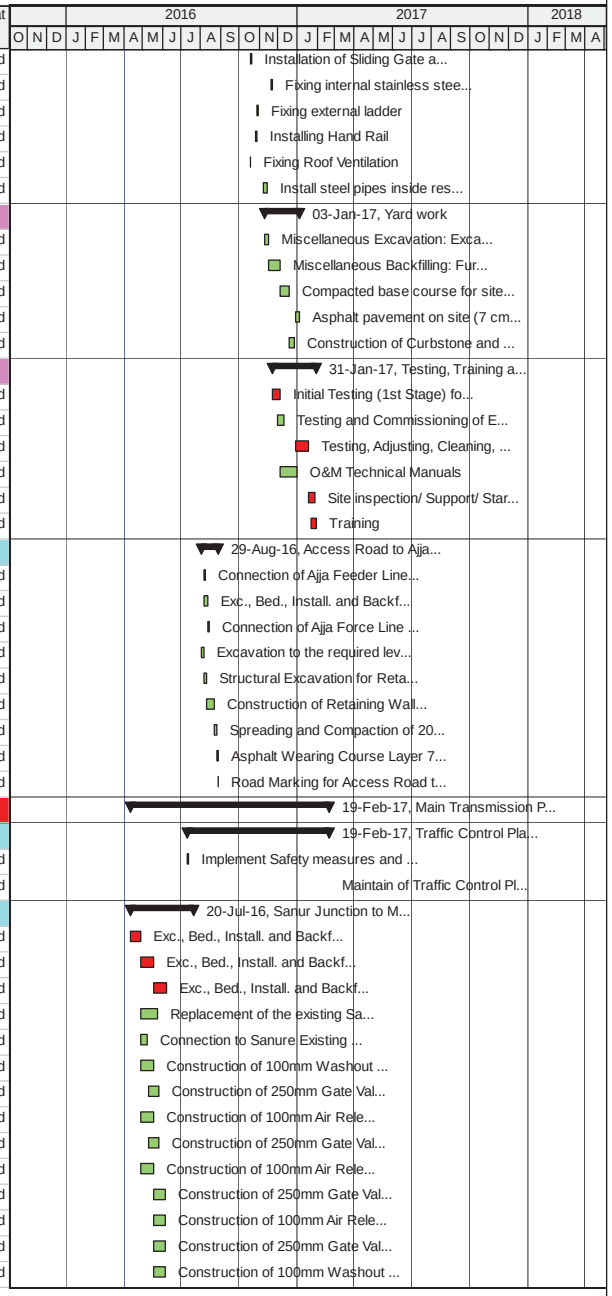
E-AJR-1140	Installation of Sliding Gate as shown on detail C-118 Sheet C-DT12	1d	19-Oct-16	20-Oct-16	76d
E-AJR-1230	Fixing internal stainless steel access ladder	1d	21-Nov-16	22-Nov-16	-4d
E-AJR-1240	Fixing external ladder	1d	29-Oct-16	30-Oct-16	68d
E-AJR-1270	Installing Hand Rail	2d	26-Oct-16	29-Oct-16	68d
E-AJR-1280	Fixing Roof Ventilation	1d	18-Oct-16	19-Oct-16	76d
E-AJR-1620	Install steel pipes inside reservoir - Outlet	5d	08-Nov-16	14-Nov-16	2d
Yard work					
E-AJR-1150	Miscellaneous Excavation: Excavate to the required depth as per design drawings	5d	09-Nov-16	16-Nov-16	19d
E-AJR-1160	Miscellaneous Backfilling: Furnishing, leveling, and compaction of selected fill for subgrade layer	16d	16-Nov-16	05-Dec-16	19d
E-AJR-1170	Compacted base course for site grading, 200 mm layer	10d	05-Dec-16	19-Dec-16	19d
E-AJR-1180	Asphalt pavement on site (7 cm), ¾ asphalt mix design including MC	4d	28-Dec-16	03-Jan-17	17d
E-AJR-2020	Construction of Curbstone and Side walk	5d	19-Dec-16	26-Dec-16	19d
Testing, Training and Commissioning					
E-AJR-3000	Initial Testing (1st Stage) for Water Tightness	10d	22-Nov-16	04-Dec-16	-4d
E-AJR-3005	Testing and Commissioning of Electrical and Control Systems and Equipment	7d	01-Dec-16	10-Dec-16	23d
E-AJR-3010	Testing, Adjusting, Cleaning, Disinfection, Commissioning, and Operator Instruction 2nd Stage	14d	28-Dec-16	18-Jan-17	-4d
E-AJR-3015	O&M Technical Manuals	20d	04-Dec-16	31-Dec-16	8d
E-AJR-3025	Site inspection/ Support/ Start up	9d	18-Jan-17	29-Jan-17	-4d
E-AJR-3030	Training	7d	23-Jan-17	31-Jan-17	-4d
Access Road to Ajja Reservoir (238 m of two-lane road with shoulder)					
E-AAT-1210	Connection of Ajja Feeder Line to Reservoir	2d	06-Aug-16	08-Aug-16	130d
E-AJP-1172	Exc., Bed., Install. and Backfill. 200mm Ajja Force and Feeder Line from St. 0+000 to St. 0+440 (Double)	6d	06-Aug-16	13-Aug-16	124d
E-AJR-1175	Connection of Ajja Force Line to Reservoir	2d	13-Aug-16	15-Aug-16	124d
E-AJR-1000	Excavation to the required level for Access Road to Ajja Reservoir	4d	01-Aug-16	06-Aug-16	117d
E-AJR-1010	Structural Excavation for Retaining Wall from Station 0+180 to Station 0+190	3d	06-Aug-16	09-Aug-16	117d
E-AJR-1030	Construction of Retaining Wall from Station 0+180 to Station 0+190	12d	09-Aug-16	23-Aug-16	117d
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	23-Aug-16	27-Aug-16	117d
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	27-Aug-16	28-Aug-16	117d
E-AJR-1060	Road Marking for Access Road to Ajja Reservoir from Station 0+000 to Station 0+238	1d	28-Aug-16	29-Aug-16	117d
Main Transmission Pipe lines					
Traffic Control Plan and Safety					
SWJ-TCP-1360	Implement Safety measures and Traffic Control Plan for Zone 03	2d	10-Jul-16	12-Jul-16	199d
SWJ-TCP-1370	Maintain of Traffic Control Plan and Safety measures for Zone 03	175d	12-Jul-16	19-Feb-17	-2d
Sanur Junction to Maythaloun Well Main Transmission Pipeline (250mm x 3.7 km)					
E-SMT-1000	Exc., Bed., Install. and Backfill. 250mm Sanur - Maythaloun Transmission Pipeline from St. 0+000 to St.1+200	15d	11-Apr-16	28-Apr-16	-2d
E-SMT-1010	Exc., Bed., Install. and Backfill. 250mm Sanur - Maythaloun Transmission Pipeline from St. 1+200 to St.2+400	15d	28-Apr-16	18-May-16	-2d
E-SMT-1030	Exc., Bed., Install. and Backfill. 250mm Sanur - Maythaloun Transmission Pipeline from St.2+400 to St.3+699	16d	18-May-16	07-Jun-16	-2d
E-SMT-1035	Replacement of the existing Sanur Connection Chamber (CHD-103)	20d	28-Apr-16	24-May-16	143d
E-SMT-1045	Connection to Sanure Existing Pipe	5d	28-Apr-16	07-May-16	158d
E-SMT-1055	Construction of 100mm Washout Chamber at station 0+010 0on 250mm pipe	15d	28-Apr-16	18-May-16	148d
E-SMT-1065	Construction of 250mm Gate Valve Chamber at Station 0+500	15d	09-May-16	26-May-16	141d
E-SMT-1075	Construction of 100mm Air Release Valve Chamber at station 0+770 on 250mm pipe	15d	28-Apr-16	18-May-16	148d
E-SMT-1085	Construction of 250mm Gate Valve Chamber at Station 1+000	15d	09-May-16	26-May-16	141d
E-SMT-1095	Construction of 100mm Air Release Valve Chamber at station 1+190 on 250mm pipe	15d	28-Apr-16	18-May-16	148d
E-SMT-1105	Construction of 250mm Gate Valve Chamber at Station 1+500	15d	18-May-16	05-Jun-16	133d
E-SMT-1115	Construction of 100mm Air Release Valve Chamber at station 1+618 on 250mm pipe	15d	18-May-16	05-Jun-16	133d
E-SMT-1125	Construction of 250mm Gate Valve Chamber at Station 2+000	15d	18-May-16	05-Jun-16	133d
E-SMT-1135	Construction of 100mm Washout Chamber at station 2+100 on 250mm pipe	15d	18-May-16	05-Jun-16	133d



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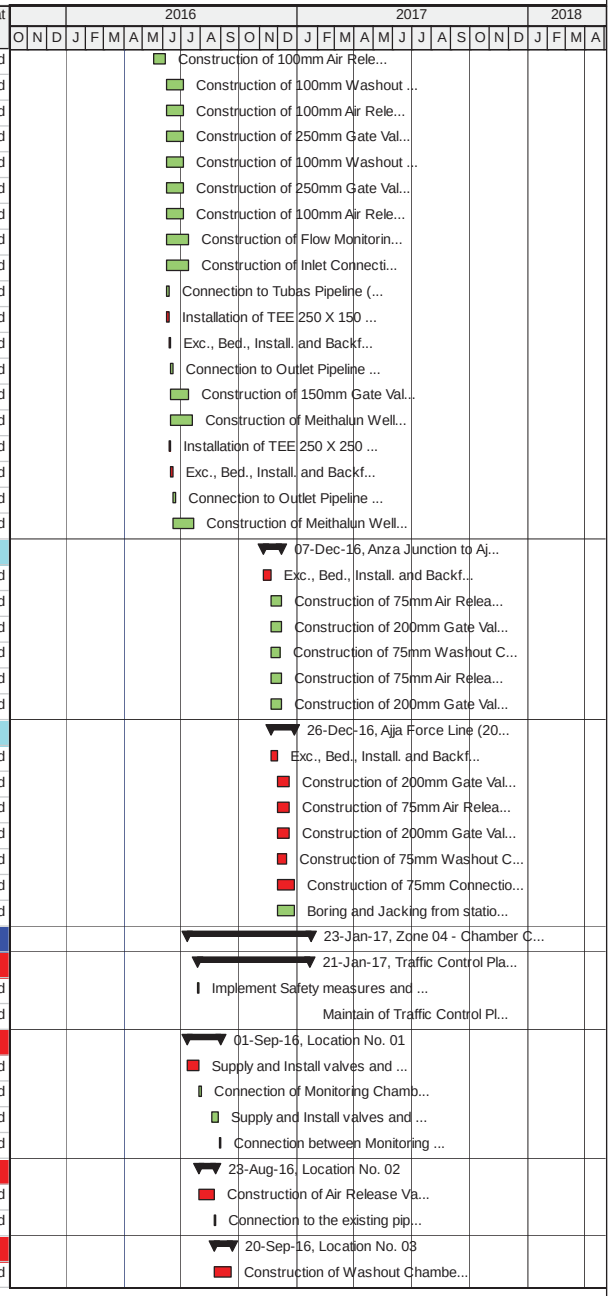
E-SMT-1145	Construction of 100mm Air Release Valve Chamber at station 2+375 on 250mm pipe	15d	18-May-16	05-Jun-16	133d
E-SMT-1155	Construction of 100mm Washout Chamber at station 2+545 on 250mm pipe	15d	07-Jun-16	04-Jul-16	117d
E-SMT-1165	Construction of 100mm Air Release Valve Chamber at station 2+850 on 250mm pipe	15d	07-Jun-16	04-Jul-16	117d
E-SMT-1175	Construction of 250mm Gate Valve Chamber at Station 3+000	15d	07-Jun-16	04-Jul-16	117d
E-SMT-1185	Construction of 100mm Washout Chamber at station 3+298 on 250mm pipe	15d	07-Jun-16	04-Jul-16	117d
E-SMT-1195	Construction of 250mm Gate Valve Chamber at Station 3+480	15d	07-Jun-16	04-Jul-16	117d
E-SMT-1205	Construction of 100mm Air Release Valve Chamber at station 3+514 on 250mm pipe	15d	07-Jun-16	04-Jul-16	117d
E-SMT-1215	Construction of Flow Monitoring Chamber at Station 3+620 (M-VCFM)	20d	07-Jun-16	13-Jul-16	112d
E-SMT-1225	Construction of Inlet Connection Chamber at Station 3+680 (CHD - 105)	20d	07-Jun-16	13-Jul-16	112d
E-SMT-1235	Connection to Tubas Pipeline (TEE 150 X 150 X 150)	2d	07-Jun-16	11-Jun-16	130d
E-SMT-1242	Installation of TEE 250 X 150 X 250	2d	07-Jun-16	11-Jun-16	-2d
E-SMT-1245	Exc., Bed., Install. and Backfill. 150mm Pipe from Connection Outlet pipe (Booster Station) to TEE (0+000 to 0+085)	2d	11-Jun-16	14-Jun-16	-2d
E-SMT-1250	Connection to Outlet Pipeline from Booster Station	2d	14-Jun-16	18-Jun-16	126d
E-SMT-1255	Construction of 150mm Gate Valve Chamber on the existing pipeline (C-530)	15d	14-Jun-16	12-Jul-16	113d
E-SMT-1260	Construction of Meithalun Well Outlet Connection Chamber 150mm (CCH-106)	20d	14-Jun-16	18-Jul-16	108d
E-SMT-1265	Installation of TEE 250 X 250 X 250	2d	11-Jun-16	14-Jun-16	-2d
E-SMT-1270	Exc., Bed., Install. and Backfill. 250mm Pipe from TEE to Connection Outlet pipe (Booster Station) (0+000 to 0+134)	2d	14-Jun-16	18-Jun-16	-2d
E-SMT-1272	Connection to Outlet Pipeline from Booster Station	2d	18-Jun-16	21-Jun-16	124d
E-SMT-1275	Construction of Meithalun Well Outlet Connection Chamber 250mm (CCH-106)	20d	18-Jun-16	20-Jul-16	106d
Anza Junction to Ajja Reservoir Transmission (Ajja Feeder Pipeline) (200mm x 1.1 km)					
E-AAT-1000	Exc., Bed., Install. and Backfill. 200mm Ajja Feeder Pipeline from St. 0+440 to St. 1+259	10d	07-Nov-16	20-Nov-16	-2d
E-AAT-1010	Construction of 75mm Air Release Valve Chamber at Station 0+500 on 200mm pipe	15d	20-Nov-16	07-Dec-16	6d
E-AAT-1020	Construction of 200mm Gate Valve Chamber at Station 0+520	15d	20-Nov-16	07-Dec-16	6d
E-AAT-1030	Construction of 75mm Washout Chamber at station 0+700 on 200mm pipe	13d	20-Nov-16	05-Dec-16	6d
E-AAT-1040	Construction of 75mm Air Release Valve Chamber at Station 0+915 on 200mm pipe	15d	20-Nov-16	07-Dec-16	6d
E-AAT-1050	Construction of 200mm Gate Valve Chamber at Station 1+255	15d	20-Nov-16	07-Dec-16	6d
Ajja Force Line (200mm x 1.2 km)					
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	20-Nov-16	29-Nov-16	-2d
E-AJP-1190	Construction of 200mm Gate Valve Chamber at Station 0+500	15d	29-Nov-16	19-Dec-16	-2d
E-AJP-1200	Construction of 75mm Air Release Valve Chamber at Station 0+560 on 200mm pipe	15d	29-Nov-16	19-Dec-16	-2d
E-AJP-1210	Construction of 200mm Gate Valve Chamber at Station 1+000	15d	29-Nov-16	19-Dec-16	-2d
E-AJP-1220	Construction of 75mm Washout Chamber at station 1+065 on 200mm pipe	13d	29-Nov-16	14-Dec-16	-2d
E-AJP-1230	Construction of 75mm Connection Chamber at Station 1+095 (CHD-131) (Ajja Connection)	20d	29-Nov-16	26-Dec-16	-2d
E-AJP-1240	Boring and Jacking from station 1+033 to station 1+065 as per detail C-204/C-DT20	20d	29-Nov-16	26-Dec-16	38d
Zone 04 - Chamber Construction, Replacement, and Rehabilitation					
Traffic Control Plan and Safety					
E-KRR-5285	Implement Safety measures and Traffic Control Plan for Zone 4	2d	26-Jul-16	28-Jul-16	185d
E-KRR-5295	Maintain of Traffic Control Plan and Safety measures for Zone 4	139d	28-Jul-16	21-Jan-17	-4d
Location No. 01					
E-SWJ-1000	Supply and Install valves and fitting in the existing Monitoring Chamber (1) as per detail M-VCFM	15d	11-Jul-16	28-Jul-16	-4d
E-SWJ-1010	Connection of Monitoring Chamber (1) with Main Pipeline from Qabatiya Well	3d	28-Jul-16	01-Aug-16	140d
E-SWJ-1020	Supply and Install valves and fitting in the existing Raba Service Connection Chamber as per detail CHD-241	10d	18-Aug-16	29-Aug-16	113d
E-SWJ-1030	Connection between Monitoring Chamber (1) and Raba Service Connection Chamber	3d	30-Aug-16	01-Sep-16	113d
Location No. 02					
E-SWJ-1040	Construction of Air Release Valve Chamber as per detail C-505A/C-DT62	20d	28-Jul-16	21-Aug-16	-4d
E-SWJ-1050	Connection to the existing pipeline	2d	21-Aug-16	23-Aug-16	121d
Location No. 03					
E-SWJ-1060	Construction of Washout Chamber as per detail C-503A/C-DT60	20d	21-Aug-16	18-Sep-16	-4d



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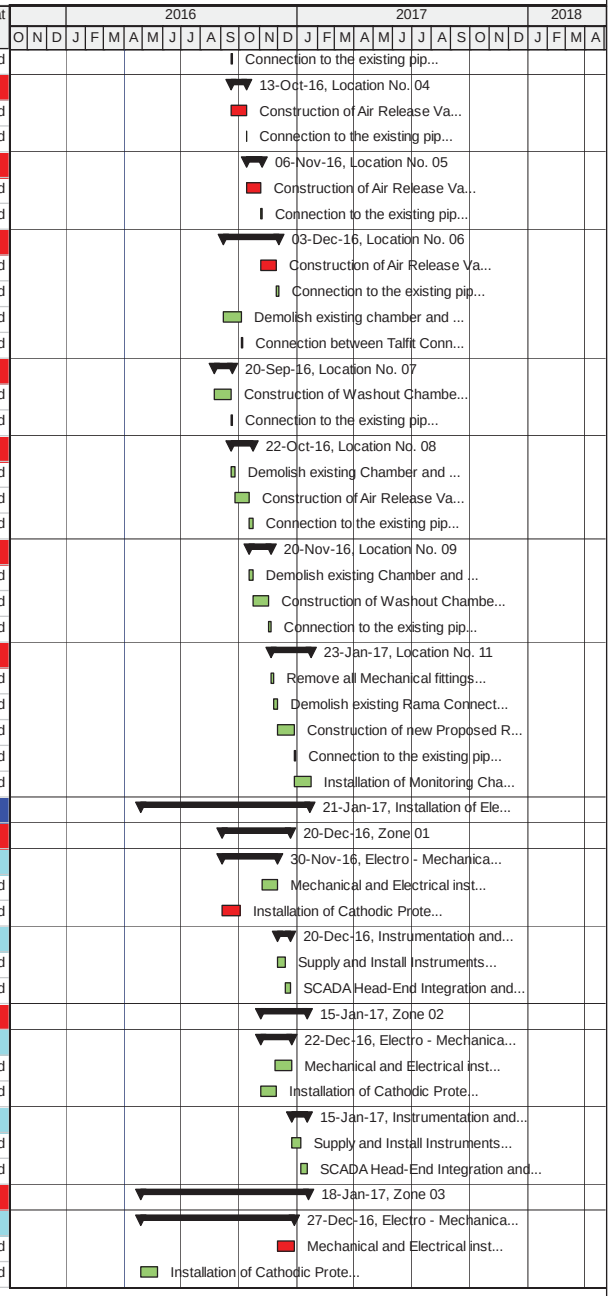
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
E-SWJ-1070	Connection to the existing pipeline	2d	18-Sep-16	20-Sep-16	101d
Location No. 04					
E-SWJ-1080	Construction of Air Release Valve Chamber as per detail C-505A/C-DT62	20d	18-Sep-16	11-Oct-16	-4d
E-SWJ-1090	Connection to the existing pipeline	2d	11-Oct-16	13-Oct-16	81d
Location No. 05					
E-SWJ-1100	Construction of Air Release Valve Chamber as per detail C-505A/C-DT62	20d	11-Oct-16	03-Nov-16	-4d
E-SWJ-1110	Connection to the existing pipeline	2d	03-Nov-16	06-Nov-16	61d
Location No. 06					
E-SWJ-1140	Construction of Air Release Valve Chamber as per detail C-505A/C-DT62	20d	03-Nov-16	28-Nov-16	-4d
E-SWJ-1150	Connection to the existing pipeline	4d	28-Nov-16	03-Dec-16	39d
E-SWJ-1160	Demolish existing chamber and Construction of Talfit Connection Chamber as per detail CHD-242	20d	05-Sep-16	03-Oct-16	87d
E-SWJ-1170	Connection between Talfit Connection Chamber and existing Pipeline	3d	03-Oct-16	06-Oct-16	87d
Location No. 07					
E-SWJ-1120	Construction of Washout Chamber as per detail C-503A/C-DT60	20d	21-Aug-16	18-Sep-16	2d
E-SWJ-1130	Connection to the existing pipeline	2d	18-Sep-16	20-Sep-16	101d
Location No. 08					
E-SWJ-1175	Demolish existing Chamber and associated piping and fittings	5d	18-Sep-16	24-Sep-16	2d
E-SWJ-1180	Construction of Air Release Valve Chamber as per detail C-505A/C-DT62	20d	24-Sep-16	17-Oct-16	2d
E-SWJ-1190	Connection to the existing pipeline	4d	17-Oct-16	22-Oct-16	74d
Location No. 09					
E-SWJ-1200	Demolish existing Chamber and associated piping and fittings	5d	17-Oct-16	23-Oct-16	2d
E-SWJ-1210	Construction of Washout Chamber as per detail C-503/C-DT60	20d	23-Oct-16	16-Nov-16	2d
E-SWJ-1220	Connection to the existing pipeline	3d	16-Nov-16	20-Nov-16	2d
Location No. 11					
E-SWJ-1225	Remove all Mechanical fittings and Replace with pipe spool	3d	20-Nov-16	23-Nov-16	2d
E-SWJ-1230	Demolish existing Rama Connection Chamber to surface level	5d	23-Nov-16	29-Nov-16	2d
E-SWJ-1240	Construction of new Proposed Rama Connection Chamber as per detail CHD-242	20d	29-Nov-16	26-Dec-16	2d
E-SWJ-1250	Connection to the existing pipeline	3d	26-Dec-16	29-Dec-16	19d
E-SWJ-1260	Installation of Monitoring Chamber (2) as per detail M-VCFM	20d	26-Dec-16	23-Jan-17	2d
Installation of Electro - Mechanical Component					
Zone 01					
Electro - Mechanical work - Zone 01					
SWJ-2000	Mechanical and Electrical installation Zone 1	21d	06-Nov-16	30-Nov-16	18d
SWJ-2020	Installation of Cathodic Protection system - Anode and Test Station for Zone 1	20d	03-Sep-16	01-Oct-16	-2d
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	01-Dec-16	12-Dec-16	18d
SWJ-2040	SCADA Head-End Integration and Programming - Zone 1	5d	13-Dec-16	20-Dec-16	18d
Zone 02					
Electro - Mechanical work - Zone 02					
SWJ-2050	Mechanical and Electrical installation Zone 02	21d	26-Nov-16	22-Dec-16	1d
SWJ-2060	Installation of Cathodic Protection system - Anode and Test Station for Zone 02	20d	03-Nov-16	28-Nov-16	35d
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	22-Dec-16	05-Jan-17	1d
SWJ-2080	SCADA Head-End Integration and Programming - Zone 02	5d	05-Jan-17	15-Jan-17	1d
Zone 03					
Electro - Mechanical work - Zone 03					
SWJ-2090	Mechanical and Electrical installation Zone 03	21d	29-Nov-16	27-Dec-16	-2d
SWJ-2100	Installation of Cathodic Protection system - Anode and Test Station for Zone 03	20d	28-Apr-16	24-May-16	123d



Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

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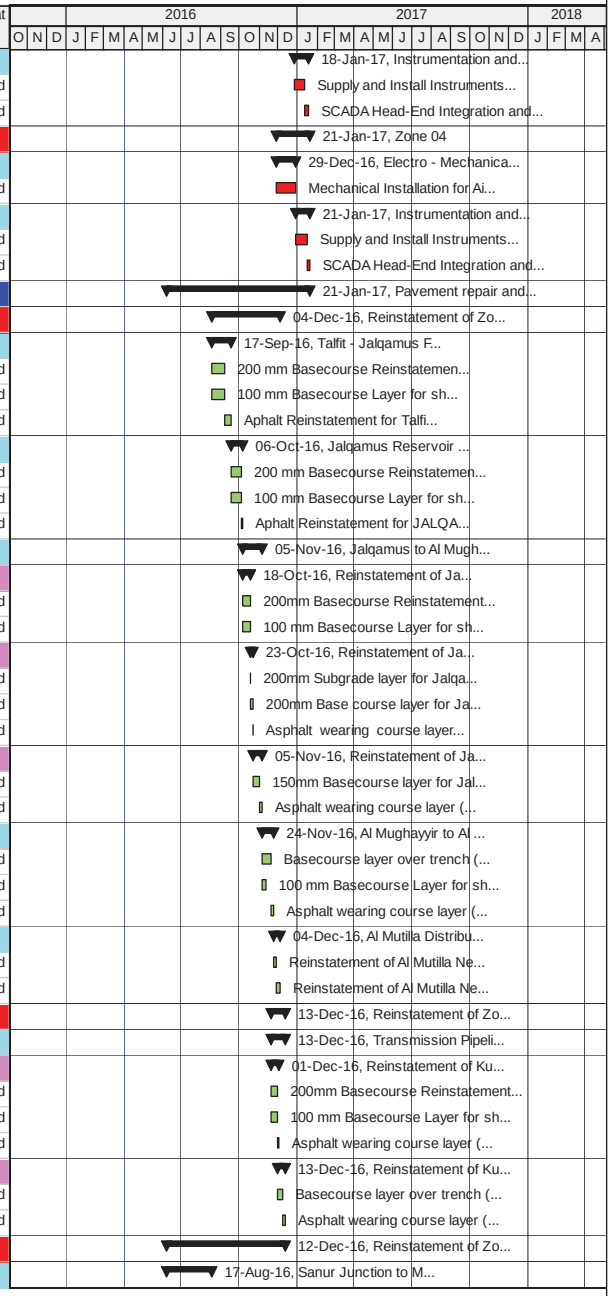
TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
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	27-Dec-16	12-Jan-17	-2d
SWJ-2120	SCADA Head-End Integration and Programming - Zone 03	5d	12-Jan-17	18-Jan-17	-2d
Zone 04					
Electro - Mechanical work - Zone 04					
SWJ-2130	Mechanical Installation for Air Valves and Washouts chambers - Zone 04	24d	28-Nov-16	29-Dec-16	-4d
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	29-Dec-16	15-Jan-17	-4d
SWJ-2160	SCADA Head-End Integration and Programming - Zone 04	5d	15-Jan-17	21-Jan-17	-4d
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	17-Aug-16	08-Sep-16	33d
E-TJT-1125	100 mm Basecourse Layer for shoulder width for Talfit - Jalqamus line from St. 0+000 to St.2+140	19d	17-Aug-16	08-Sep-16	33d
E-TJT-1130	Aphalt Reinstatement for Talfit - Jalqamus St. 0+000 to St. 0+010,	3d	08-Sep-16	17-Sep-16	33d
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	17-Sep-16	03-Oct-16	33d
E-JLT-1120	100 mm Basecourse Layer for shoulder width for JALQAMUS-UMATUT Line from St. 0+190 to St.1+880	14d	17-Sep-16	03-Oct-16	33d
E-JLT-1130	Aphalt Reinstatement for JALQAMUS-UMATUT Line from St. 0+190 to St.1+880	3d	03-Oct-16	06-Oct-16	33d
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	06-Oct-16	18-Oct-16	33d
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	06-Oct-16	18-Oct-16	33d
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	18-Oct-16	19-Oct-16	33d
E-JMT-1175	200mm Base course layer for Jalqamus to Al Mughayyir pipeline from St. 1+500 to St. 1+770	2d	19-Oct-16	22-Oct-16	33d
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	22-Oct-16	23-Oct-16	33d
Reinstatement of Jalqamus to Al Mughayyir pipeline from St. 1+770 to St. 2+772					
E-JMT-1155	150mm Basecourse layer for Jalqamus to Al Mughayyir pipeline from St.1+770 to St.2+772	9d	23-Oct-16	02-Nov-16	33d
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	02-Nov-16	05-Nov-16	33d
Al Mughayyir to Al Mutilla Force Line (Al Mutilla Booster Station to Al Mutilla Reservoir)					
E-MTT-1220	Basecourse layer over trench (200mm and 150mm) for Al Mughayyir to Al Mutilla Force Line from St. 0+000 to St.1+680	12d	05-Nov-16	20-Nov-16	33d
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	05-Nov-16	12-Nov-16	44d
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	20-Nov-16	24-Nov-16	38d
Al Mutilla Distribution Network					
E-MTN-1110	Reinstatement of Al Mutilla Network - from Al Mutilla Elevated Reservoir (260 m)	3d	24-Nov-16	28-Nov-16	38d
E-MTN-1120	Reinstatement of Al Mutilla Network - Branches from 75 mm pipe (320 m)	5d	28-Nov-16	04-Dec-16	38d
Reinstatement of Zone 02					
Transmission Pipeline - Yabad Junction to Kuferit Reservoir					
Reinstatement of Kuferit Force Line from St. 0+000 to St. 1+210					
E-YKT-1180	200mm Basecourse Reinstatement over trench for Kuferit Force Line from St. 0+000 to St. 1+210	8d	20-Nov-16	29-Nov-16	33d
E-YKT-1200	100 mm Basecourse Layer for shoulder width of Kuferit Force Line from St. 0+030 to St. 1+210	8d	20-Nov-16	29-Nov-16	34d
E-YKT-1210	Asphalt wearing course layer (5 cm) for Kuferit Force Line from St. 0+000 to St. 0+030 (excluding BC)	2d	29-Nov-16	01-Dec-16	52d
Reinstatement of Kuferit Force Line from St. 1+210 to St. 2+300					
E-YKT-1190	Basecourse layer over trench (200mm & 150mm) for Kuferit Force Line from St. 1+210 to St. 2+300	8d	29-Nov-16	08-Dec-16	34d
E-YKT-1220	Asphalt wearing course layer (5 cm) for Kuferit Force Line from St. 1+210 to St. 2+300 including MC	4d	08-Dec-16	13-Dec-16	46d
Reinstatement of Zone 03					
Sanur Junction to Maythaloun Well Main Transmission Pipeline (250mm x 3.7 km)					



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Remaining Work | Milestone

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

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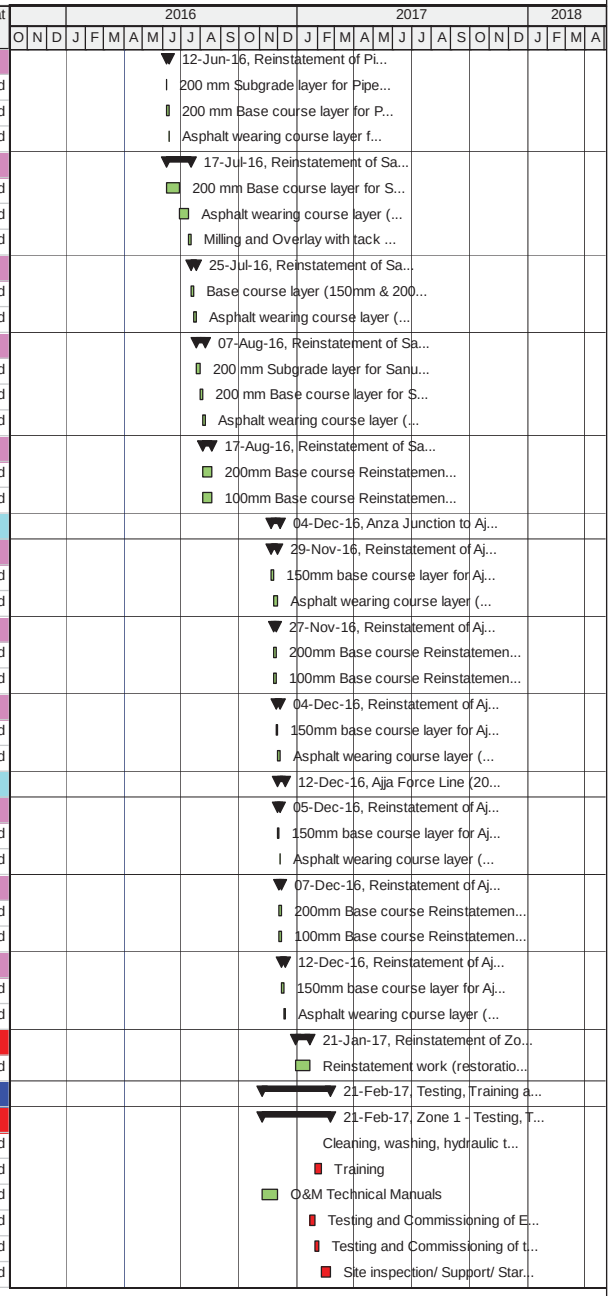
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Reinstatement of Pipe Connection to Outlet Pipeline from Booster Station St. 0+000 to 0+085					
E-SMT-1283	200 mm Subgrade layer for Pipe Connection to Outlet Pipeline from Booster Station St. 0+000 to 0+085	1d	07-Jun-16	08-Jun-16	53d
E-SMT-1585	200 mm Base course layer for Pipe Connection to Outlet Pipeline from Booster Station St. 0+000 to 0+085	1d	08-Jun-16	11-Jun-16	53d
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	11-Jun-16	12-Jun-16	53d
Reinstatement of Sanur - Maythaloun Transmission Pipeline from St. 0+000 to St.1+600					
E-SMT-1285	200 mm Base course layer for Sanur - Maythaloun Transmission Pipeline from St. 0+000 to St.1+600	11d	07-Jun-16	27-Jun-16	33d
E-SMT-1605	Asphalt wearing course layer (6 cm) for Sanur - Maythaloun Transmission Pipeline from St. 0+000 to St.1+600	8d	27-Jun-16	12-Jul-16	33d
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	12-Jul-16	17-Jul-16	33d
Reinstatement of Sanur - Maythaloun Transmission Pipeline from St. 1+600 to St.2+080					
E-SMT-1305	Base course layer (150mm & 200mm) for Sanur - Maythaloun Transmission Pipeline from St. 1+600 to St.2+080	4d	17-Jul-16	21-Jul-16	33d
E-SMT-1625	Asphalt wearing course layer (6 cm) for Sanur - Maythaloun Transmission Pipeline from St. 1+600 to St.2+080	3d	21-Jul-16	25-Jul-16	33d
Reinstatement of Sanur - Maythaloun Transmission Pipeline from St. 2+080 to St.2+840					
E-SMT-1315	200 mm Subgrade layer for Sanur - Maythaloun Transmission Pipeline from St. 2+080 to St.2+840	4d	25-Jul-16	30-Jul-16	33d
E-SMT-1635	200 mm Base course layer for Sanur - Maythaloun Transmission Pipeline from St. 2+080 to St.2+840	4d	30-Jul-16	03-Aug-16	33d
E-SMT-1645	Asphalt wearing course layer (6 cm) for Sanur - Maythaloun Transmission Pipeline from St. 2+080 to St.2+840	3d	03-Aug-16	07-Aug-16	148d
Reinstatement of Sanur - Maythaloun Transmission Pipeline from St. 2+840 to St.3+647					
E-SMT-1575	200mm Base course Reinstatement over trench of Sanur - Maythaloun Transmission Pipeline from St. 2+840 to St.3+647	12d	03-Aug-16	17-Aug-16	33d
E-SMT-1655	100mm Base course Reinstatement for shoulder of Sanur - Maythaloun Transmission Pipeline from St. 2+840 to St.3+647	12d	03-Aug-16	17-Aug-16	33d
Anza Junction to Ajja Reservoir Transmission (Ajja Feeder Pipeline) (200mm x 1.1 km)					
Reinstatement of Ajja Feeder Pipeline from St. 0+235 to St. 0+550 and St. 0+635 to St. 0+845					
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	20-Nov-16	24-Nov-16	33d
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	24-Nov-16	29-Nov-16	52d
Reinstatement of Ajja Feeder Pipeline from St. 0+550 to St. 0+635					
E-AAT-1230	200mm Base course Reinstatement over trench of Ajja Feeder Pipeline from St. 0+550 to St. 0+635	2d	24-Nov-16	27-Nov-16	33d
E-AAT-1260	100mm Base course Reinstatement for shoulder of Ajja Feeder Pipeline from St. 0+550 to St. 0+635	2d	24-Nov-16	27-Nov-16	33d
Reinstatement of Ajja Feeder Pipeline from St. 0+845 to St. 1+259					
E-AAT-1240	150mm base course layer for Ajja Feeder Pipeline from St. 0+845 to St. 1+259	3d	27-Nov-16	30-Nov-16	33d
E-AAT-1270	Asphalt wearing course layer (6 cm) for Ajja Feeder Pipeline from St. 0+845 to St. 1+259	3d	30-Nov-16	04-Dec-16	51d
Ajja Force Line (200mm x 1.2 km)					
Reinstatement of Ajja Force Line from St. 0+235 to St. 0+550					
E-AJP-1250	150mm base course layer for Ajja Force Line from St. 0+235 to St. 0+550	2d	30-Nov-16	03-Dec-16	33d
E-AJP-1280	Asphalt wearing course layer (6 cm) for Ajja Force Line from St. 0+235 to St. 0+550	1d	04-Dec-16	05-Dec-16	51d
Reinstatement of Ajja Force Line from St. 0+550 to St. 1+000					
E-AJP-1260	200mm Base course Reinstatement over trench of Ajja Force Line from St. 0+550 to St. 1+000	4d	03-Dec-16	07-Dec-16	33d
E-AJP-1290	100mm Base course Reinstatement for shoulder of Ajja Force Line from St. 0+550 to St. 1+000	4d	03-Dec-16	07-Dec-16	33d
Reinstatement of Ajja Force Line from St. 1+000 to St. 1+033 & St. 1+065 to St. 1+104					
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	07-Dec-16	10-Dec-16	33d
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	10-Dec-16	12-Dec-16	47d
Reinstatement of Zone 04					
E-AJP-1310	Reinstatement work (restoration) for zone 4	15d	29-Dec-16	21-Jan-17	4d
Testing, Training and Commissioning					
Zone 1 - Testing, Training and Commissioning					
SWJ-1000	Cleaning, washing, hydraulic test and disinfection for Transmission Pipeline	37d	01-Dec-16	21-Jan-17	-4d
SWJ-1010	Training	6d	29-Jan-17	08-Feb-17	-4d
SWJ-1020	O&M Technical Manuals	20d	06-Nov-16	29-Nov-16	47d
SWJ-1040	Testing and Commissioning of Electrical and Control System and Equipment	7d	21-Jan-17	29-Jan-17	-4d
SWJ-1050	Testing and Commissioning of the entire system	5d	29-Jan-17	04-Feb-17	-4d
SWJ-1060	Site inspection/ Support/ Start up	11d	08-Feb-17	21-Feb-17	-4d



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

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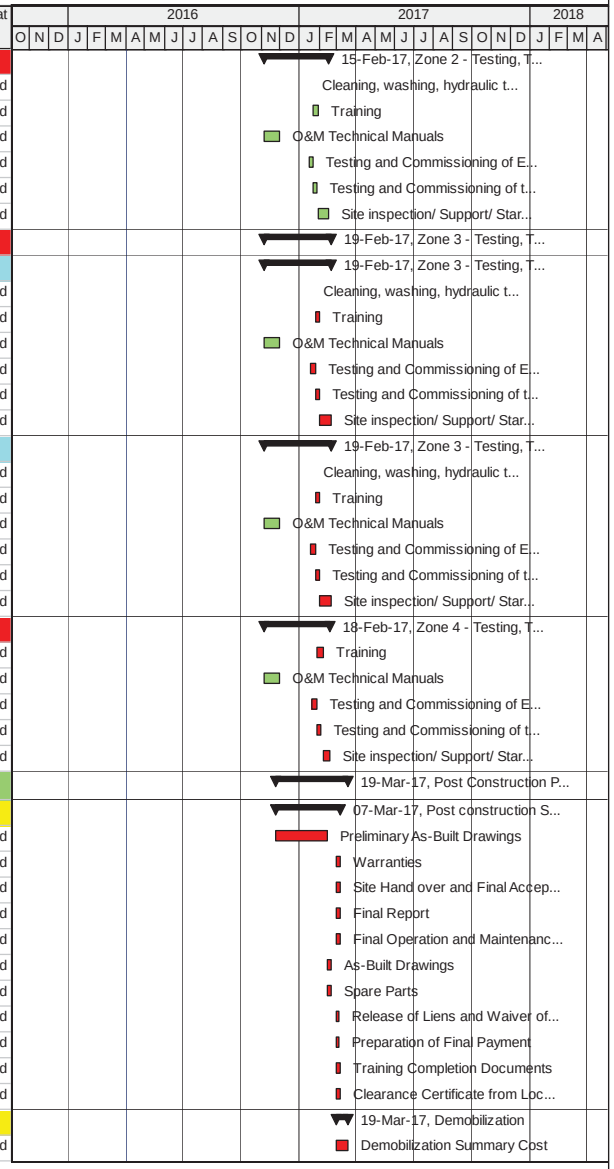
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Zone 2 - Testing, Training and Commissioning					
SWJ-2170	Cleaning, washing, hydraulic test and disinfection for Transmission Pipeline	15d	22-Dec-16	15-Jan-17	1d
SWJ-2180	Training	6d	23-Jan-17	30-Jan-17	1d
SWJ-2190	O&M Technical Manuals	20d	06-Nov-16	29-Nov-16	47d
SWJ-2200	Testing and Commissioning of Electrical and Control System and Equipment	7d	15-Jan-17	23-Jan-17	1d
SWJ-2210	Testing and Commissioning of the entire system	5d	23-Jan-17	29-Jan-17	1d
SWJ-2220	Site inspection/ Support/ Start up	11d	30-Jan-17	15-Feb-17	1d
Zone 3 - Testing, Training and Commissioning					
Zone 3 - Testing, Training and Commissioning - SMT					
SWJ-2230	Cleaning, washing, hydraulic test and disinfection for Transmission Pipeline	15d	27-Dec-16	18-Jan-17	-2d
SWJ-2240	Training	6d	26-Jan-17	02-Feb-17	-2d
SWJ-2250	O&M Technical Manuals	20d	06-Nov-16	29-Nov-16	47d
SWJ-2260	Testing and Commissioning of Electrical and Control System and Equipment	7d	18-Jan-17	26-Jan-17	-2d
SWJ-2270	Testing and Commissioning of the entire system	5d	26-Jan-17	01-Feb-17	-2d
SWJ-2280	Site inspection/ Support/ Start up	11d	02-Feb-17	19-Feb-17	-2d
Zone 3 - Testing, Training and Commissioning - AJP					
SWJ-2350	Cleaning, washing, hydraulic test and disinfection for Transmission Pipeline	15d	27-Dec-16	18-Jan-17	-2d
SWJ-2360	Training	6d	26-Jan-17	02-Feb-17	-2d
SWJ-2370	O&M Technical Manuals	20d	06-Nov-16	29-Nov-16	47d
SWJ-2380	Testing and Commissioning of Electrical and Control System and Equipment	7d	18-Jan-17	26-Jan-17	-2d
SWJ-2390	Testing and Commissioning of the entire system	5d	26-Jan-17	01-Feb-17	-2d
SWJ-2400	Site inspection/ Support/ Start up	11d	02-Feb-17	19-Feb-17	-2d
Zone 4 - Testing, Training and Commissioning					
SWJ-2300	Training	6d	29-Jan-17	08-Feb-17	-1d
SWJ-2310	O&M Technical Manuals	20d	06-Nov-16	29-Nov-16	50d
SWJ-2320	Testing and Commissioning of Electrical and Control System and Equipment	7d	21-Jan-17	29-Jan-17	-1d
SWJ-2330	Testing and Commissioning of the entire system	5d	29-Jan-17	04-Feb-17	-1d
SWJ-2340	Site inspection/ Support/ Start up	8d	08-Feb-17	18-Feb-17	-1d
Post Construction Phase					
Post construction Submittals					
SWJ-PCS-1000	Preliminary As-Built Drawings	60d	24-Nov-16	13-Feb-17	-2d
SWJ-PCS-1020	Warranties	5d	28-Feb-17	06-Mar-17	-15d
SWJ-PCS-1030	Site Hand over and Final Acceptence Certificate	6d	28-Feb-17	07-Mar-17	-16d
SWJ-PCS-1040	Final Report	5d	28-Feb-17	06-Mar-17	-15d
SWJ-PCS-1050	Final Operation and Maintenance O&M Manual	4d	28-Feb-17	05-Mar-17	-14d
SWJ-PCS-1060	As-Built Drawings	5d	14-Feb-17	19-Feb-17	-2d
SWJ-PCS-1070	Spare Parts	5d	14-Feb-17	19-Feb-17	-2d
SWJ-PCS-1080	Release of Liens and Waiver of Debts and Claims letter	3d	28-Feb-17	04-Mar-17	-13d
SWJ-PCS-1090	Preparation of Final Payment	3d	28-Feb-17	04-Mar-17	-13d
SWJ-PCS-1100	Training Completion Documents	4d	28-Feb-17	05-Mar-17	-14d
SWJ-PCS-1110	Clearance Certificate from Local Authorities	3d	28-Feb-17	05-Mar-17	-11d
Demobilization					
A2090	Demobilization Summary Cost	16d	28-Feb-17	19-Mar-17	-26d



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Annex D – One Month Look Ahead schedule

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

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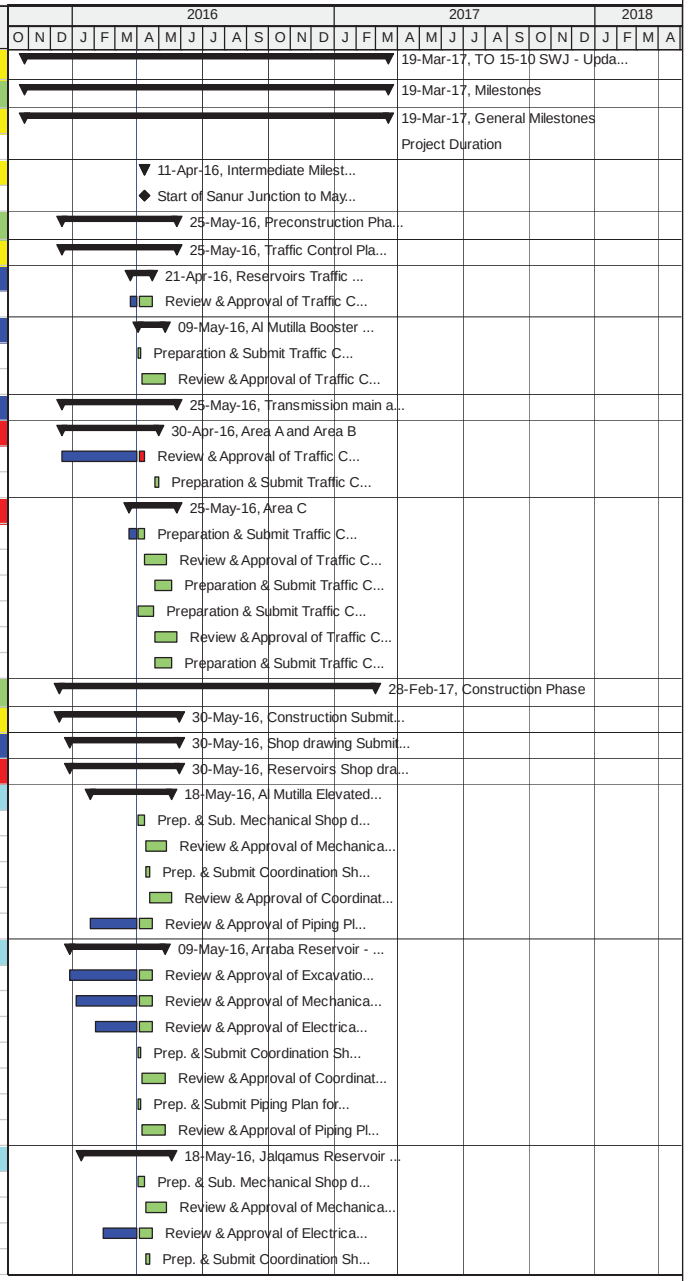
Activity ID	Activity Name	Original Duration	Start	Finish
TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project				
Milestones				
General Milestones				
A-1010	Project Duration	316d	26-Oct-15 A	19-Mar-17
Intermediate Milestones				
AI-MTR-1110	Start of Sanur Junction to Maythaloun Well	0d	11-Apr-16	
Preconstruction Phase				
Traffic Control Plan Submittals				
Reservoirs Traffic Control Plan Submittals				
SWJ-TCP-1270	Review & Approval of Traffic Control Plan for Ajja Reservoir	21d	23-Mar-16 A	21-Apr-16
Al Mutilla Booster Station Traffic Control Plan Submittals				
SWJ-TCP-1020	Preparation & Submit Traffic Control Plan for Al Mutilla Booster Station	5d	02-Apr-16	06-Apr-16
SWJ-TCP-1030	Review & Approval of Traffic Control Plan for Al Mutilla Booster Station	21d	07-Apr-16	09-May-16
Transmission main and supply pipelines Traffic Control Plan Submittals				
Area A and Area B				
SWJ-TCP-1290	Review & Approval of Traffic Control Plan for Sanur Junction to Maythaloun Well	21d	17-Dec-15	11-Apr-16
SWJ-TCP-1320	Preparation & Submit Traffic Control Plan for Yabad-Kuferit Pipeline (Area A and B)	5d	25-Apr-16	30-Apr-16
Area C				
SWJ-TCP-1420	Preparation & Submit Traffic Control Plan for Anza-Ajja (Area C) From STA: 0+270 to STA: 1+104	20d	20-Mar-16 A	10-Apr-16
SWJ-TCP-1430	Review & Approval of Traffic Control Plan for Anza-Ajja (Area C) From STA: 0+270 to STA: 1+104	21d	11-Apr-16	11-May-16
SWJ-TCP-1440	Preparation & Submit Traffic Control Plan for Yabad-Kuferit Pipeline (Area C) From STA: 0+000 to STA: 0+640	20d	25-Apr-16	19-May-16
SWJ-TCP-1460	Preparation & Submit Traffic Control Plan for AL Mughayyir-AL Mutilla Force Line From STA 0+270 to STA: 1+430.	20d	02-Apr-16	24-Apr-16
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	25-Apr-16	25-May-16
SWJ-TCP-1480	Preparation & Submit Traffic Control Plan for Zone 4, Location 8, 9 and 10 (Area C)	20d	25-Apr-16	19-May-16
Construction Phase				
Construction Submittals				
Shop drawing Submittals				
Reservoirs Shop drawing Submittals				
Al Mutilla Elevated Reservoir - New Construction 500 m3				
MTR-SD-180	Prep. & Sub. Mechanical Shop drawing for Al Mutilla Elevated Reservoir	9d	02-Apr-16	11-Apr-16
MTR-SD-190	Review & Approval of Mechanical Shop drawing for Al Mutilla Elevated Reservoir	21d	12-Apr-16	12-May-16
MTR-SD-220	Prep. & Submit Coordination Shop drawing for Al Mutilla Elevated Reservoir	5d	12-Apr-16	17-Apr-16
MTR-SD-230	Review & Approval of Coordination Shop drawing for Al Mutilla Elevated Reservoir	21d	18-Apr-16	18-May-16
MTR-SD-270	Review & Approval of Piping Plan for Al Mutilla Elevated Reservoir	21d	27-Jan-16 A	21-Apr-16
Arraba Reservoir - Replacement of existing 1000 m3 with a new 2,000 m3				
ARR-SD-150	Review & Approval of Excavation Plan for Arraba Reservoir	21d	28-Dec-15	21-Apr-16
ARR-SD-190	Review & Approval of Mechanical Shop drawing for Arraba Reservoir	21d	06-Jan-16 A	21-Apr-16
ARR-SD-210	Review & Approval of Electrical shopdarwing for Arraba Reservoir	21d	02-Feb-16 A	21-Apr-16
ARR-SD-220	Prep. & Submit Coordination Shop drawing for Arraba Reservoir	5d	02-Apr-16	06-Apr-16
ARR-SD-230	Review & Approval of Coordination Shop drawing for Arraba Reservoir	21d	07-Apr-16	09-May-16
ARR-SD-260	Prep. & Submit Piping Plan for Arraba Reservoir	5d	02-Apr-16	06-Apr-16
ARR-SD-270	Review & Approval of Piping Plan for Arraba Reservoir	21d	07-Apr-16	09-May-16
Jalqamus Reservoir - Replacement of existing 500 m3 with a new 1,000 m3				
JLR-SD-1080	Prep. & Sub. Mechanical Shop drawing for Jalqamus Reservoir	9d	02-Apr-16	11-Apr-16
JLR-SD-1090	Review & Approval of Mechanical Shop drawing for Jalqamus Reservoir	21d	12-Apr-16	12-May-16
JLR-SD-1110	Review & Approval of Electrical shopdarwing for Jalqamus Reservoir	21d	14-Feb-16 A	21-Apr-16
JLR-SD-1120	Prep. & Submit Coordination Shop drawing for Jalqamus Reservoir	5d	12-Apr-16	17-Apr-16



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

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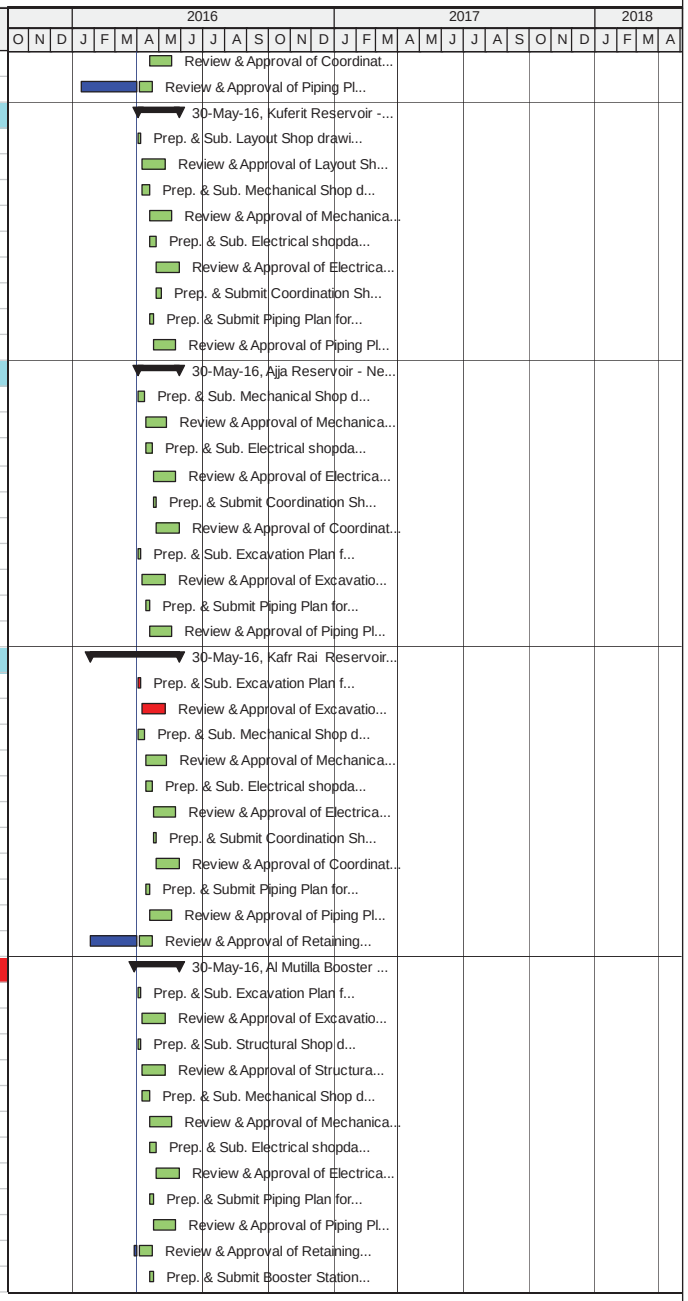
Activity ID	Activity Name	Original Duration	Start	Finish
JLR-SD-1130	Review & Approval of Coordination Shop drawing for Jalqamus Reservoir	21d	18-Apr-16	18-May-16
JLR-SD-1170	Review & Approval of Piping Plan for Jalqamus Reservoir	21d	13-Jan-16 A	21-Apr-16
Kuferit Reservoir - New Construction 500 m3				
KFR-SD-120	Prep. & Sub. Layout Shop drawing for Kuferit Reservoir (New Layout)	5d	02-Apr-16	06-Apr-16
KFR-SD-130	Review & Approval of Layout Shop drawing for Kuferit Reservoir (New Layout)	21d	07-Apr-16	09-May-16
KFR-SD-180	Prep. & Sub. Mechanical Shop drawing for Kuferit Reservoir	9d	07-Apr-16	17-Apr-16
KFR-SD-190	Review & Approval of Mechanical Shop drawing for Kuferit Reservoir	21d	18-Apr-16	18-May-16
KFR-SD-200	Prep. & Sub. Electrical shopdarwing for Kuferit Reservoir	9d	18-Apr-16	27-Apr-16
KFR-SD-210	Review & Approval of Electrical shopdarwing for Kuferit Reservoir	21d	28-Apr-16	30-May-16
KFR-SD-220	Prep. & Submit Coordination Shop drawing for Kuferit Reservoir	5d	28-Apr-16	05-May-16
KFR-SD-260	Prep. & Submit Piping Plan for Kuferit Reservoir	5d	18-Apr-16	23-Apr-16
KFR-SD-270	Review & Approval of Piping Plan for Kuferit Reservoir	21d	24-Apr-16	24-May-16
Ajja Reservoir - New Construction 1,000 m3				
AJR-SD-1040	Prep. & Sub. Mechanical Shop drawing for Ajja Reservoir	9d	02-Apr-16	11-Apr-16
AJR-SD-1050	Review & Approval of Mechanical Shop drawing for Ajja Reservoir	21d	12-Apr-16	12-May-16
AJR-SD-1060	Prep. & Sub. Electrical shopdarwing for Ajja Reservoir	9d	12-Apr-16	21-Apr-16
AJR-SD-1070	Review & Approval of Electrical shopdarwing for Ajja Reservoir	21d	24-Apr-16	24-May-16
AJR-SD-1110	Prep. & Submit Coordination Shop drawing for Ajja Reservoir	5d	23-Apr-16	27-Apr-16
AJR-SD-1115	Review & Approval of Coordination Shop drawing for Ajja Reservoir	21d	28-Apr-16	30-May-16
AJR-SD-1120	Prep. & Sub. Excavation Plan for Ajja Reservoir	5d	02-Apr-16	06-Apr-16
AJR-SD-1130	Review & Approval of Excavation Plan for Ajja Reservoir	21d	07-Apr-16	09-May-16
AJR-SD-1170	Prep. & Submit Piping Plan for Ajja Reservoir	5d	12-Apr-16	17-Apr-16
AJR-SD-1175	Review & Approval of Piping Plan for Ajja Reservoir	21d	18-Apr-16	18-May-16
Kafr Rai Reservoir - New Construction 1,000 m3				
KRR-SD-140	Prep. & Sub. Excavation Plan for Kafr Rai Reservoir	5d	02-Apr-16	06-Apr-16
KRR-SD-150	Review & Approval of Excavation Plan for Kafr Rai Reservoir	21d	07-Apr-16	09-May-16
KRR-SD-180	Prep. & Sub. Mechanical Shop drawing for Kafr Rai Reservoir	9d	02-Apr-16	11-Apr-16
KRR-SD-190	Review & Approval of Mechanical Shop drawing for Kafr Rai Reservoir	21d	12-Apr-16	12-May-16
KRR-SD-200	Prep. & Sub. Electrical shopdarwing for Kafr Rai Reservoir	9d	12-Apr-16	21-Apr-16
KRR-SD-210	Review & Approval of Electrical shopdarwing for Kafr Rai Reservoir	21d	24-Apr-16	24-May-16
KRR-SD-220	Prep. & Submit Coordination Shop drawing for Kafr Rai Reservoir	5d	23-Apr-16	27-Apr-16
KRR-SD-230	Review & Approval of Coordination Shop drawing for Kafr Rai Reservoir	21d	28-Apr-16	30-May-16
KRR-SD-260	Prep. & Submit Piping Plan for Kafr Rai Reservoir	5d	12-Apr-16	17-Apr-16
KRR-SD-270	Review & Approval of Piping Plan for Kafr Rai Reservoir	21d	18-Apr-16	18-May-16
KRR-SD-290	Review & Approval of Retaining wall Shopdrawing for Kafr Rai Reservoir	21d	27-Jan-16 A	21-Apr-16
Al Mutilla Booster Station Shop drawing Submittals				
MTB-SD-140	Prep. & Sub. Excavation Plan for Al Mutilla Booster Station	5d	02-Apr-16	06-Apr-16
MTB-SD-150	Review & Approval of Excavation Plan for Al Mutilla Booster Station	21d	07-Apr-16	09-May-16
MTB-SD-160	Prep. & Sub. Structural Shop drawing for Al Mutilla Booster Station	5d	02-Apr-16	06-Apr-16
MTB-SD-170	Review & Approval of Structural Shop drawing for Al Mutilla Booster Station	21d	07-Apr-16	09-May-16
MTB-SD-180	Prep. & Sub. Mechanical Shop drawing for Al Mutilla Booster Station	9d	07-Apr-16	17-Apr-16
MTB-SD-190	Review & Approval of Mechanical Shop drawing for Al Mutilla Booster Station	21d	18-Apr-16	18-May-16
MTB-SD-200	Prep. & Sub. Electrical shopdarwing for Al Mutilla Booster Station	9d	18-Apr-16	27-Apr-16
MTB-SD-210	Review & Approval of Electrical shopdarwing for Al Mutilla Booster Station	21d	28-Apr-16	30-May-16
MTB-SD-260	Prep. & Submit Piping Plan for Al Mutilla Booster Station	5d	18-Apr-16	23-Apr-16
MTB-SD-270	Review & Approval of Piping Plan for Al Mutilla Booster Station	21d	24-Apr-16	24-May-16
MTB-SD-290	Review & Approval of Retaining wall Shopdrawing for Arraba Reservoir	21d	27-Mar-16 A	21-Apr-16
MTB-SD-300	Prep. & Submit Booster Station SCADA-PLC system for Al Mutilla Booster Station	5d	18-Apr-16	23-Apr-16



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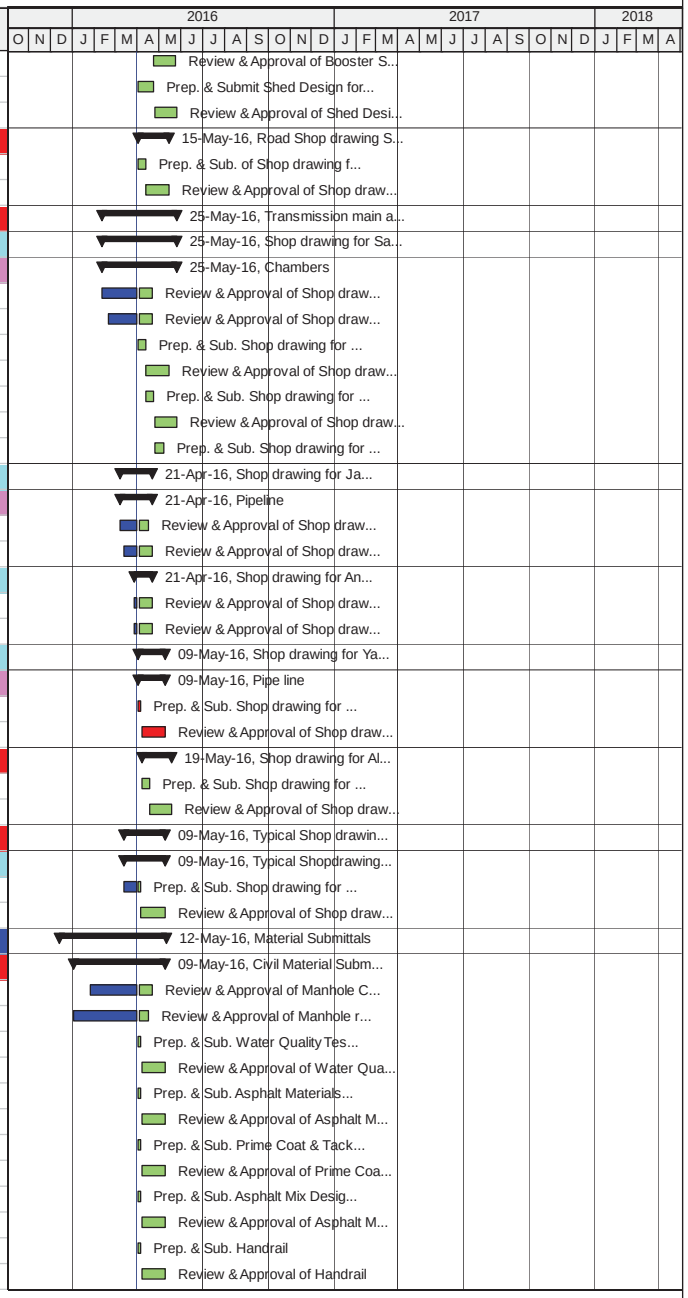
Activity ID	Activity Name	Original Duration	Start	Finish
MTB-SD-310	Review & Approval of Booster Station SCADA-PLC system for Al Mutilla Booster Station	21d	24-Apr-16	24-May-16
MTB-SD-320	Prep. & Submit Shed Design for Al Mutilla Booster Station	20d	02-Apr-16	24-Apr-16
MTB-SD-330	Review & Approval of Shed Design for Al Mutilla Booster Station	21d	25-Apr-16	25-May-16
Road Shop drawing Submittals				
R-SD-1060	Prep. & Sub. of Shop drawing for Access Road to Kufr Rai Reservoir (62 m of two-lane road with shoulder)	10d	02-Apr-16	12-Apr-16
R-SD-1070	Review & Approval of Shop drawing for Access Road to Kufr Rai Reservoir (62 m of two-lane road with shoulder)	21d	13-Apr-16	15-May-16
Transmission main and supply pipelines Shop drawing Submittals				
Shop drawing for Sanur - Maythaloun Transmission Pipeline (250mm x 3.7 km)				
Chambers				
SMT-SD-1060	Review & Approval of Shop drawing for Sanur Connection Chamber (CHD-103)	21d	11-Feb-16 A	21-Apr-16
SMT-SD-1080	Review & Approval of Shop drawing for Flow Monitoring Chamber at Station 3+620 (M-VCFM) - Sanur Transmission	21d	21-Feb-16 A	21-Apr-16
SMT-SD-1090	Prep. & Sub. Shop drawing for Inlet Connection Chamber at Station 3+680 (CHD - 105)	10d	02-Apr-16	12-Apr-16
SMT-SD-1100	Review & Approval of Shop drawing for Inlet Connection Chamber at Station 3+680 (CHD - 105)	21d	13-Apr-16	15-May-16
SMT-SD-1110	Prep. & Sub. Shop drawing for Meithalun Well Outlet Connection Chamber 150mm (CCH-106)	10d	13-Apr-16	24-Apr-16
SMT-SD-1120	Review & Approval of Shop drawing for Meithalun Well Outlet Connection Chamber 150mm (CCH-106)	21d	25-Apr-16	25-May-16
SMT-SD-1130	Prep. & Sub. Shop drawing for Meithalun Well Outlet Connection Chamber 250mm (CCH-106)	10d	25-Apr-16	08-May-16
Shop drawing for Jalqamus - Al Mutilla Transmission Pipeline				
Pipeline				
TJT-SD-1050	Review & Approval of Shop drawing for Um Atut - Al Mutilla Transmission Pipeline (from St. 0+000 to St. 3+400) (150mm)	21d	08-Mar-16 A	17-Apr-16
TJT-SD-1070	Review & Approval of Shop drawing for Al Mutilla Transmission Pipeline (from St. 0+000 to St. 1+720) (150mm)	21d	14-Mar-16 A	21-Apr-16
Shop drawing for Anza - Ajja Transmission Pipeline				
AAT-SD-1010	Review & Approval of Shop drawing for Ajja Feeder Pipeline (from St. AAT 0+000 to St. 1+290) (200mm)	21d	28-Mar-16 A	21-Apr-16
AAT-SD-1030	Review & Approval of Shop drawing for Ajja Force Line Pipeline (from St. AAT 0+000 to St. 1+080) (200mm)	21d	28-Mar-16 A	21-Apr-16
Shop drawing for Yabad - Kuferit Transmission Pipeline				
Pipe line				
YKT-SD-1000	Prep. & Sub. Shop drawing for Yabad - Kuferit Transmission Pipeline (from St. YKT 0+000 to St. 2+300) (150mm)	5d	02-Apr-16	06-Apr-16
YKT-SD-1010	Review & Approval of Shop drawing for Yabad - Kuferit Transmission Pipeline (from St. YKT 0+000 to St. 2+300) (150mm)	21d	07-Apr-16	09-May-16
Shop drawing for Al Mutilla Distribution Network				
MTN-SD-1000	Prep. & Sub. Shop drawing for Al Mutilla Distribution Network	10d	07-Apr-16	18-Apr-16
MTN-SD-1010	Review & Approval of Shop drawing for Al Mutilla Distribution Network	21d	19-Apr-16	19-May-16
Typical Shop drawing for Chambers				
Typical Shopdrawing for Gate Valve Chambers				
SWJ-CH-SD-1220	Prep. & Sub. Shop drawing for 250mm Gate Valve Chamber	15d	13-Mar-16 A	06-Apr-16
SWJ-CH-SD-1230	Review & Approval of Shop drawing for 250mm Gate Valve Chamber	21d	06-Apr-16	09-May-16
Material Submittals				
Civil Material Submittals				
SWJ-CMS-1080	Review & Approval of Manhole Cover	21d	26-Jan-16 A	21-Apr-16
SWJ-CMS-1100	Review & Approval of Manhole rung	21d	03-Jan-16 A	17-Apr-16
SWJ-CMS-1260	Prep. & Sub. Water Quality Testing lab	5d	02-Apr-16	06-Apr-16
SWJ-CMS-1270	Review & Approval of Water Quality Testing lab	21d	07-Apr-16	09-May-16
SWJ-CMS-1420	Prep. & Sub. Asphalt Materials Source	5d	02-Apr-16	06-Apr-16
SWJ-CMS-1430	Review & Approval of Asphalt Materials Source	21d	07-Apr-16	09-May-16
SWJ-CMS-1440	Prep. & Sub. Prime Coat & Tack Coat	5d	02-Apr-16	06-Apr-16
SWJ-CMS-1450	Review & Approval of Prime Coat & Tack Coat	21d	07-Apr-16	09-May-16
SWJ-CMS-1540	Prep. & Sub. Asphalt Mix Design	5d	02-Apr-16	06-Apr-16
SWJ-CMS-1550	Review & Approval of Asphalt Mix Design	21d	07-Apr-16	09-May-16
SWJ-CMS-1600	Prep. & Sub. Handrail	5d	02-Apr-16	06-Apr-16
SWJ-CMS-1610	Review & Approval of Handrail	21d	07-Apr-16	09-May-16



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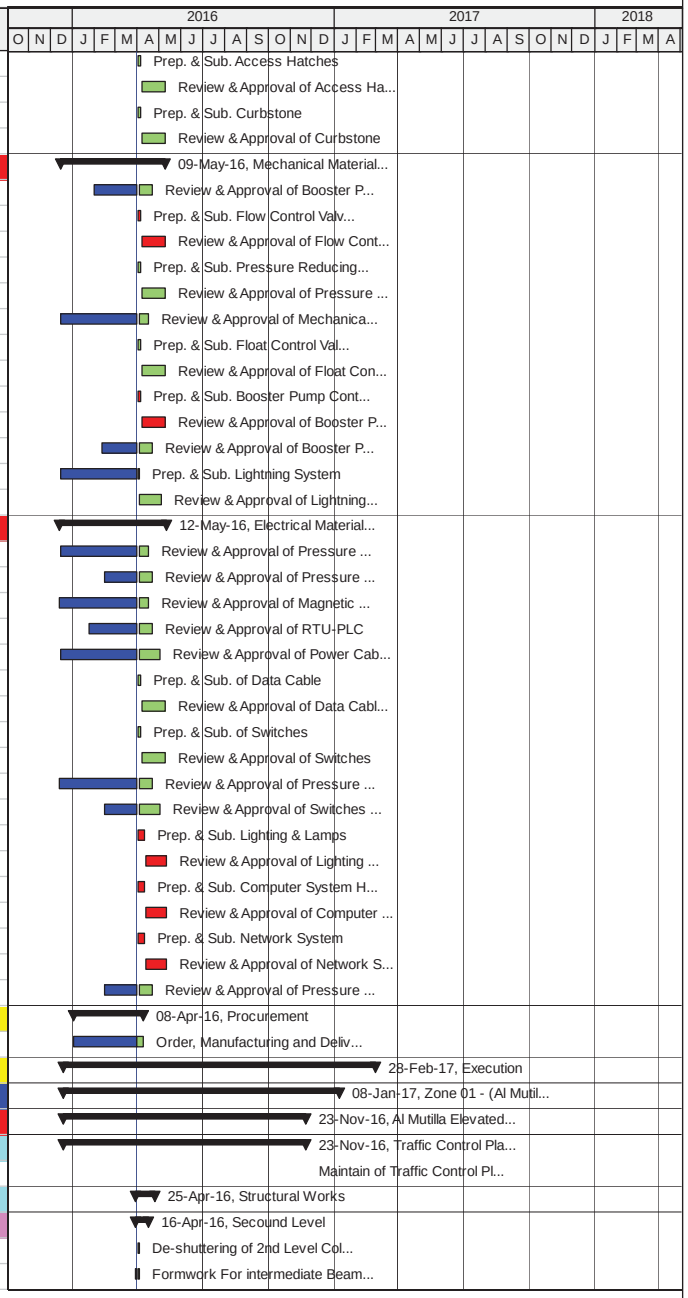
Activity ID	Activity Name	Original Duration	Start	Finish
SWJ-CMS-1620	Prep. & Sub. Access Hatches	5d	02-Apr-16	06-Apr-16
SWJ-CMS-1630	Review & Approval of Access Hatches	21d	07-Apr-16	09-May-16
SWJ-CMS-1640	Prep. & Sub. Curbstone	5d	02-Apr-16	06-Apr-16
SWJ-CMS-1650	Review & Approval of Curbstone	21d	07-Apr-16	09-May-16
Mechanical Material Submittals				
SWJ-MMS-1036	Review & Approval of Booster Pumps - AL MUTILLA BOOSTER - Second Submission	21d	01-Feb-16 A	21-Apr-16
SWJ-MMS-1120	Prep. & Sub. Flow Control Valve	5d	02-Apr-16	06-Apr-16
SWJ-MMS-1130	Review & Approval of Flow Control Valve	21d	07-Apr-16	09-May-16
SWJ-MMS-1140	Prep. & Sub. Pressure Reducing Valve	5d	02-Apr-16	06-Apr-16
SWJ-MMS-1150	Review & Approval of Pressure Reducing Valve	21d	07-Apr-16	09-May-16
SWJ-MMS-1370	Review & Approval of Mechanical Coupling	21d	15-Dec-15	17-Apr-16
SWJ-MMS-1400	Prep. & Sub. Float Control Valve	5d	02-Apr-16	06-Apr-16
SWJ-MMS-1410	Review & Approval of Float Control Valve	21d	07-Apr-16	09-May-16
SWJ-MMS-1420	Prep. & Sub. Booster Pump Control Valves	5d	02-Apr-16	06-Apr-16
SWJ-MMS-1430	Review & Approval of Booster Pump Control Valves	21d	07-Apr-16	09-May-16
SWJ-MMS-1450	Review & Approval of Booster Pump flow meter	21d	11-Feb-16 A	21-Apr-16
SWJ-MMS-1520	Prep. & Sub. Lightning System	5d	15-Dec-15	03-Apr-16
SWJ-MMS-1530	Review & Approval of Lightning System	21d	03-Apr-16	04-May-16
Electrical Material Submittals				
SWJ-EMS-110	Review & Approval of Pressure differential switches	21d	15-Dec-15	17-Apr-16
SWJ-EMS-190	Review & Approval of Pressure Transmitters	21d	16-Feb-16 A	21-Apr-16
SWJ-EMS-210	Review & Approval of Magnetic flow-meters	21d	14-Dec-15	17-Apr-16
SWJ-EMS-230	Review & Approval of RTU-PLC	21d	24-Jan-16 A	21-Apr-16
SWJ-EMS-270	Review & Approval of Power Cable	21d	16-Dec-15	03-May-16
SWJ-EMS-280	Prep. & Sub. of Data Cable	5d	02-Apr-16	06-Apr-16
SWJ-EMS-290	Review & Approval of Data Cable	21d	07-Apr-16	09-May-16
SWJ-EMS-320	Prep. & Sub. of Switches	5d	02-Apr-16	06-Apr-16
SWJ-EMS-330	Review & Approval of Switches	21d	07-Apr-16	09-May-16
SWJ-EMS-530	Review & Approval of Pressure Indicating Transmitter	21d	14-Dec-15	21-Apr-16
SWJ-EMS-570	Review & Approval of Switches and Sockets	21d	16-Feb-16 A	03-May-16
SWJ-EMS-600	Prep. & Sub. Lighting & Lamps	9d	02-Apr-16	11-Apr-16
SWJ-EMS-610	Review & Approval of Lighting & Lamps	21d	12-Apr-16	12-May-16
SWJ-EMS-680	Prep. & Sub. Computer System Hardware	9d	02-Apr-16	11-Apr-16
SWJ-EMS-690	Review & Approval of Computer System Hardware	21d	12-Apr-16	12-May-16
SWJ-EMS-700	Prep. & Sub. Network System	9d	02-Apr-16	11-Apr-16
SWJ-EMS-710	Review & Approval of Network System	21d	12-Apr-16	12-May-16
SWJ-EMS-750	Review & Approval of Pressure and Level Instrument	21d	16-Feb-16 A	21-Apr-16
Procurement				
A1440	Order, Manufacturing and Delivery of Steel Pipes (250mm, 200mm, 150mm, etc.)	120d	03-Jan-16 A	08-Apr-16
Execution				
Zone 01 - (Al Mutilla and Jalqamus)				
Al Mutilla Elevated Reservoir – New Construction 500 m3				
Traffic Control Plan and Safety				
E-MTR-1050	Maintain of Traffic Control Plan and Safety measures for Al Mutilla Elevated Reservoir	259d	20-Dec-15	23-Nov-16
Structural Works				
Secound Level				
E-MTR-1460	De-shuttering of 2nd Level Columns	2d	02-Apr-16	03-Apr-16
E-MTR-1470	Formwork For intermediate Beams & Stairs 2nd Level and Valve room slab	3d	30-Mar-16 A	03-Apr-16



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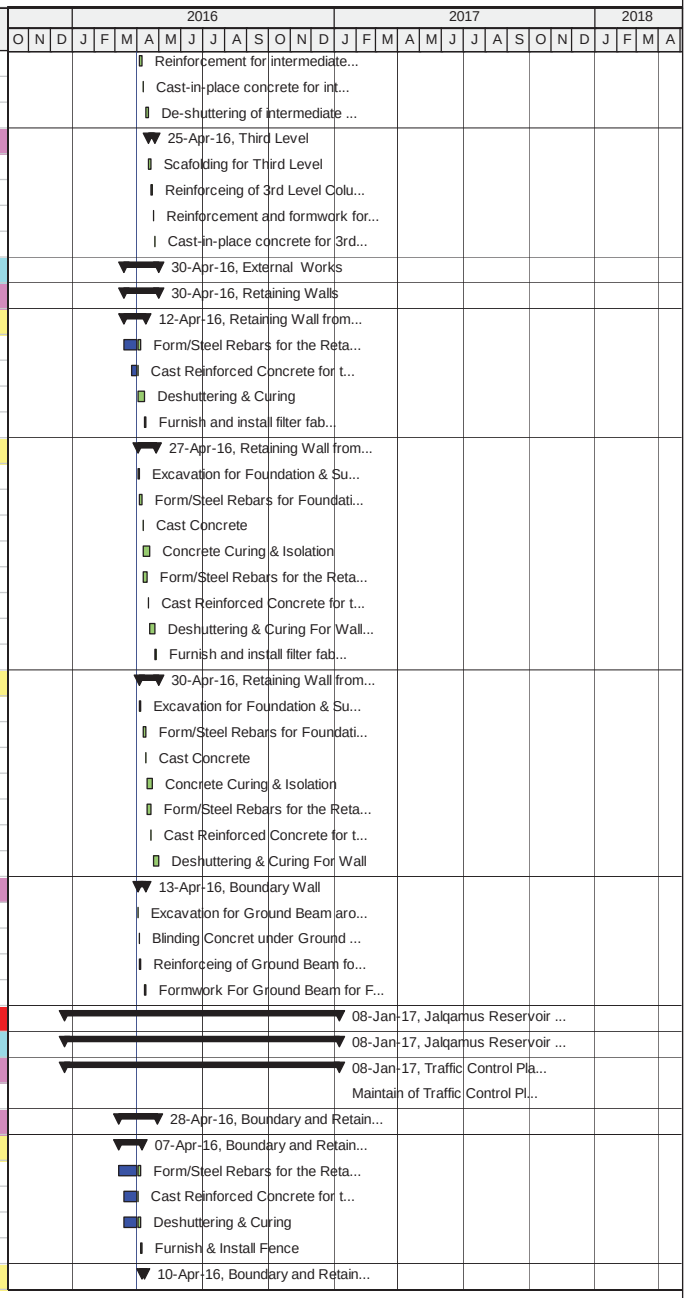
Activity ID	Activity Name	Original Duration	Start	Finish
E-MTR-1490	Reinforcement for intermediate Beams & Stairs 2nd Level and Valve room slab	4d	04-Apr-16	07-Apr-16
E-MTR-1500	Cast-in-place concrete for intermediate beams Beams & Stairs 2nd Level and Valve room slab	1d	09-Apr-16	09-Apr-16
E-MTR-1510	De-shuttering of intermediate Beams & Stairs 2nd Level	3d	13-Apr-16	16-Apr-16
Third Level				
E-MTR-1520	Scafolding for Third Level	3d	17-Apr-16	19-Apr-16
E-MTR-1530	Reinforceing of 3rd Level Columns	2d	20-Apr-16	21-Apr-16
E-MTR-1540	Reinforcement and formwork for 3rd Level Columns	2d	23-Apr-16	24-Apr-16
E-MTR-1550	Cast-in-place concrete for 3rd Level Columns	1d	25-Apr-16	25-Apr-16
External Works				
Retaining Walls				
Retaining Wall from Station 01 to station 03 (South)				
E-MTR-5070	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	10d	13-Mar-16 A	06-Apr-16
E-MTR-5160	Cast Reinforced Concrete for the Retaining Wall	1d	24-Mar-16 A	02-Apr-16
E-MTR-5180	Deshuttering & Curing	7d	02-Apr-16	10-Apr-16
E-MTR-5210	Furnish and install filter fabric and Base Course 150mm	2d	10-Apr-16	12-Apr-16
Retaining Wall from Station 03 to station 05 (North)				
E-MTR-5020	Excavation for Foundation & Subgrade layer Compaction	2d	02-Apr-16	03-Apr-16
E-MTR-5050	Form/Steel Rebars for Foundation	4d	04-Apr-16	07-Apr-16
E-MTR-5080	Cast Concrete	1d	09-Apr-16	09-Apr-16
E-MTR-5100	Concrete Curing & Isolation	7d	10-Apr-16	17-Apr-16
E-MTR-5110	Form/Steel Rebars for the Retaining Walls with Drain System - Fence Steel Props Installation	5d	10-Apr-16	14-Apr-16
E-MTR-5150	Cast Reinforced Concrete for the Retaining Wall	1d	16-Apr-16	16-Apr-16
E-MTR-5170	Deshuttering & Curing For Walls	7d	18-Apr-16	25-Apr-16
E-MTR-5220	Furnish and install filter fabric and Base Course 150mm	2d	26-Apr-16	27-Apr-16
Retaining Wall from Station 06 to station 01 (West)				
E-MTR-5030	Excavation for Foundation & Subgrade layer Compaction	2d	04-Apr-16	05-Apr-16
E-MTR-5090	Form/Steel Rebars for Foundation	4d	09-Apr-16	12-Apr-16
E-MTR-5120	Cast Concrete	1d	13-Apr-16	13-Apr-16
E-MTR-5130	Concrete Curing & Isolation	7d	14-Apr-16	21-Apr-16
E-MTR-5140	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	5d	14-Apr-16	19-Apr-16
E-MTR-5190	Cast Reinforced Concrete for the Retaining Wall	1d	20-Apr-16	20-Apr-16
E-MTR-5200	Deshuttering & Curing For Wall	7d	23-Apr-16	30-Apr-16
Boundary Wall				
E-MTR-1220	Excavation for Ground Beam around Yard for Fence	1d	02-Apr-16	02-Apr-16
E-MTR-1230	Blinding Concret under Ground Beam for Fence	1d	03-Apr-16	03-Apr-16
E-MTR-1260	Reinforceing of Ground Beam for Fence	3d	04-Apr-16	06-Apr-16
E-MTR-1320	Formwork For Ground Beam for Fence	3d	11-Apr-16	13-Apr-16
Jalqamus Reservoir and Access Road				
Jalqamus Reservoir - Replacement of existing 500 m3 with a new 1000m3 - at Grade				
Traffic Control Plan and Safety				
E-JLR-3040	Maintain of Traffic Control Plan and Safety measures for Jalqamus Reservoir	258d	21-Dec-15	08-Jan-17
Boundary and Retaining Walls				
Boundary and Retaining Wall from Station 01 to station 04 Length = 35 lm				
E-JLR-1130	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	06-Mar-16 A	06-Apr-16
E-JLR-1190	Cast Reinforced Concrete for the Retaining Wall	1d	13-Mar-16 A	02-Apr-16
E-JLR-1200	Deshuttering & Curing	7d	14-Mar-16 A	05-Apr-16
E-JLR-1250	Furnish & Install Fence	2d	05-Apr-16	07-Apr-16
Boundary and Retaining Wall from Station 04 to station 03 Length = 36 lm				



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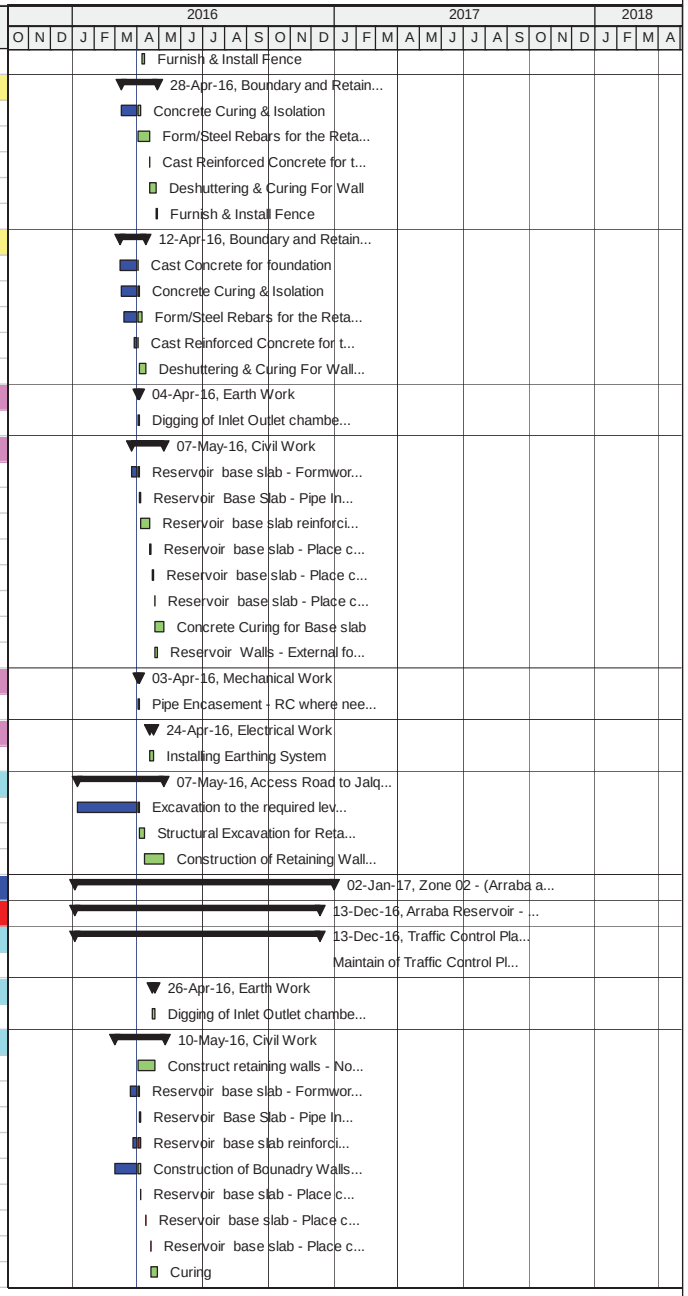
Activity ID	Activity Name	Original Duration	Start	Finish
E-JLR-1320	Furnish & Install Fence	2d	07-Apr-16	10-Apr-16
Boundary and Retaining Wall from Station 02 to station 03 Length = 30 lm				
E-JLR-1230	Concrete Curing & Isolation	7d	09-Mar-16 A	05-Apr-16
E-JLR-1240	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	02-Apr-16	17-Apr-16
E-JLR-1330	Cast Reinforced Concrete for the Retaining Wall	1d	18-Apr-16	18-Apr-16
E-JLR-1340	Deshuttering & Curing For Wall	7d	19-Apr-16	26-Apr-16
E-JLR-1380	Furnish & Install Fence	2d	27-Apr-16	28-Apr-16
Boundary and Retaining Wall from Station 01 to station 02 Length = 8 lm				
E-JLR-1280	Cast Concrete for foundation	1d	08-Mar-16 A	02-Apr-16
E-JLR-1290	Concrete Curing & Isolation	7d	09-Mar-16 A	04-Apr-16
E-JLR-1300	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	14d	14-Mar-16 A	07-Apr-16
E-JLR-1390	Cast Reinforced Concrete for the Retaining Wall	1d	27-Mar-16 A	02-Apr-16
E-JLR-1400	Deshuttering & Curing For Walls	7d	04-Apr-16	12-Apr-16
Earth Work				
E-JLR-1350	Digging of Inlet Outlet chamber (S-RVV01)	3d	02-Apr-16	04-Apr-16
Civil Work				
E-JLR-1470	Reservoir base slab - Formwork	5d	24-Mar-16 A	04-Apr-16
E-JLR-1480	Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and perforated pipes)	2d	04-Apr-16	06-Apr-16
E-JLR-1490	Reservoir base slab reinforcing steel & water stop installation	10d	06-Apr-16	18-Apr-16
E-JLR-1510	Reservoir base slab - Place concrete (Stage 1)	1d	18-Apr-16	19-Apr-16
E-JLR-1520	Reservoir base slab - Place concrete (Stage 2)	1d	21-Apr-16	23-Apr-16
E-JLR-1540	Reservoir base slab - Place concrete (Stage 3) - Footing of Columns	1d	25-Apr-16	26-Apr-16
E-JLR-1550	Concrete Curing for Base slab	7d	26-Apr-16	07-May-16
E-JLR-1560	Reservoir Walls - External formwork	2d	26-Apr-16	28-Apr-16
Mechanical Work				
E-JLR-1410	Pipe Encasement - RC where needed	2d	02-Apr-16	03-Apr-16
Electrical Work				
E-JLR-1500	Installing Earthing System	5d	18-Apr-16	24-Apr-16
Access Road to Jalqamus Reservoir (190 m of two-lane road with shoulder)				
E-JLR-1000	Excavation to the required level for Access Road to Jalqamus Reservoir	4d	09-Jan-16 A	03-Apr-16
E-JLR-1010	Structural Excavation for Retaining Wall from Station 0+070 to Station 0+165	6d	04-Apr-16	10-Apr-16
E-JLR-1020	Construction of Retaining Wall from Station 0+070 to Station 0+165	21d	11-Apr-16	07-May-16
Zone 02 - (Arraba and Kuferit)				
Arraba Reservoir - Replacement of existing 1000 m3 with a new 2,000 m3 At Grade				
Traffic Control Plan and Safety				
E-ARR-1010	Maintain of Traffic Control Plan and Safety measures for Arraba Reservoir	264d	04-Jan-16 A	13-Dec-16
Earth Work				
E-ARR-1070	Digging of Inlet Outlet chamber (S-RVV01)	4d	21-Apr-16	26-Apr-16
Civil Work				
E-ARR-1120	Construct retaining walls - North side	21d	02-Apr-16	25-Apr-16
E-ARR-1140	Reservoir base slab - Formwork	7d	23-Mar-16 A	04-Apr-16
E-ARR-1150	Reservoir Base Slab - Pipe Inserts (Washout drainage pipe and other pipes)	2d	04-Apr-16	06-Apr-16
E-ARR-1160	Reservoir base slab reinforcing steel & water stop installation	7d	26-Mar-16 A	05-Apr-16
E-ARR-1170	Construction of Bounadry Walls - south and west side	21d	01-Mar-16 A	06-Apr-16
E-ARR-1180	Reservoir base slab - Place concrete (Stage 1 - Part A, C, H, L)	1d	05-Apr-16	06-Apr-16
E-ARR-1190	Reservoir base slab - Place concrete (Stage 2 - Part B, D, F, J)	1d	12-Apr-16	13-Apr-16
E-ARR-1200	Reservoir base slab - Place concrete (Stage 3 - Part E, G, I, K)	1d	19-Apr-16	20-Apr-16
E-ARR-1210	Curing	7d	20-Apr-16	28-Apr-16



Actual Work | Critical Remaining Work | Summary | Remaining Work | Milestone

TASK filter: 4W.

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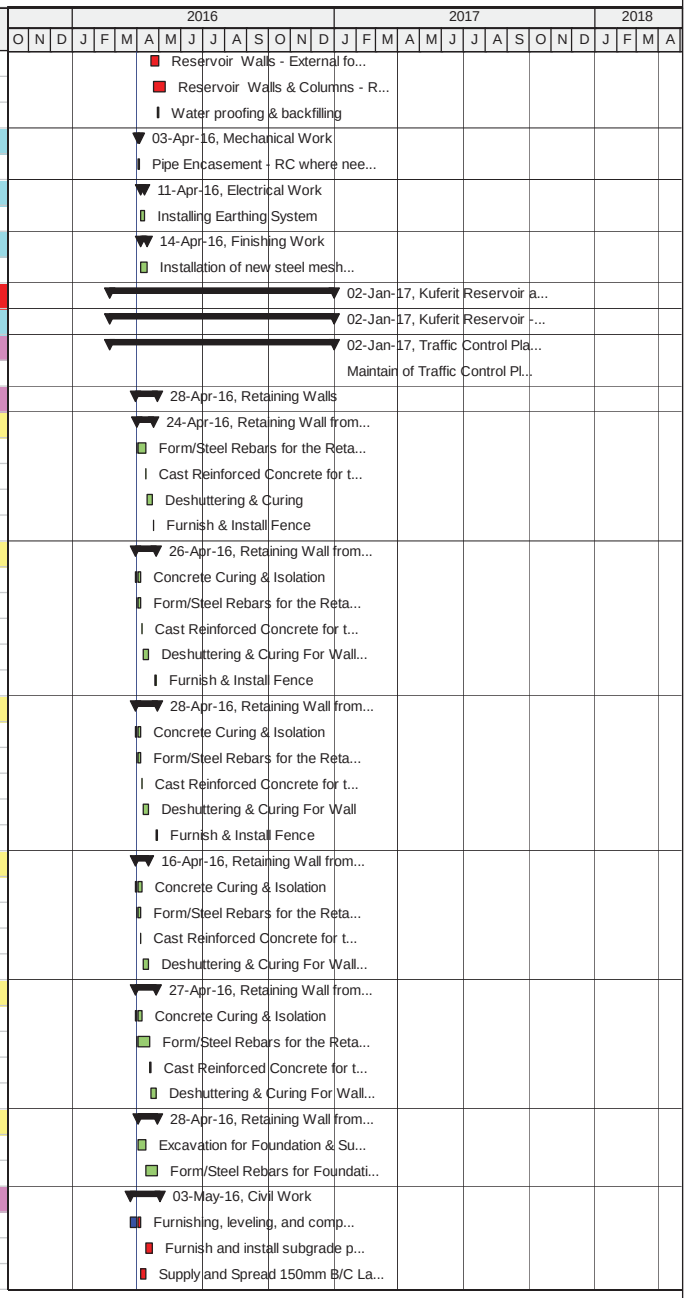
TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project

31-Mar-16 12:23

Activity ID	Activity Name	Original Duration	Start	Finish
E-ARR-1220	Reservoir Walls - External formwork	8d	20-Apr-16	30-Apr-16
E-ARR-1230	Reservoir Walls & Columns - Reinforcing steel & vertical water stop installation	12d	24-Apr-16	10-May-16
E-ARR-1240	Water proofing & backfilling	1d	28-Apr-16	30-Apr-16
Mechanical Work				
E-ARR-1360	Pipe Encasement - RC where needed	2d	02-Apr-16	03-Apr-16
Electrical Work				
E-ARR-1410	Installing Earthing System	5d	05-Apr-16	11-Apr-16
Finishing Work				
E-ARR-1530	Installation of new steel mesh fence and fence around site perimeter on existing wall	7d	06-Apr-16	14-Apr-16
Kuferit Reservoir and Access Road				
Kuferit Reservoir - New Construction 500 m3 - At Grade				
Traffic Control Plan and Safety				
E-KFR-2010	Maintain of Traffic Control Plan and Safety measures for Kuferit Reservoir	180d	22-Feb-16 A	02-Jan-17
Retaining Walls				
Retaining Wall from Station 02 to station 03 Length = 27.16 lm				
E-KFR-1860	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	10d	31-Mar-16 A	12-Apr-16
E-KFR-1870	Cast Reinforced Concrete for the Retaining Wall	1d	13-Apr-16	13-Apr-16
E-KFR-1880	Deshuttering & Curing	7d	14-Apr-16	21-Apr-16
E-KFR-1890	Furnish & Install Fence	2d	23-Apr-16	24-Apr-16
Retaining Wall from Station 03 to station 04 Length = 9.47 lm				
E-KFR-1770	Concrete Curing & Isolation	7d	30-Mar-16 A	06-Apr-16
E-KFR-1780	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	5d	31-Mar-16 A	06-Apr-16
E-KFR-1790	Cast Reinforced Concrete for the Retaining Wall	1d	07-Apr-16	07-Apr-16
E-KFR-1800	Deshuttering & Curing For Walls	7d	09-Apr-16	16-Apr-16
E-KFR-1810	Furnish & Install Fence	2d	25-Apr-16	26-Apr-16
Retaining Wall from Station 04 to station 05 Length = 9.24 lm				
E-KFR-1370	Concrete Curing & Isolation	7d	30-Mar-16 A	06-Apr-16
E-KFR-1380	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	5d	31-Mar-16 A	06-Apr-16
E-KFR-1390	Cast Reinforced Concrete for the Retaining Wall	1d	07-Apr-16	07-Apr-16
E-KFR-1400	Deshuttering & Curing For Wall	7d	09-Apr-16	16-Apr-16
E-KFR-1410	Furnish & Install Fence	2d	27-Apr-16	28-Apr-16
Retaining Wall from Station 05 to station 06 Length = 8 lm				
E-KFR-1530	Concrete Curing & Isolation	7d	30-Mar-16 A	07-Apr-16
E-KFR-1540	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	4d	31-Mar-16 A	05-Apr-16
E-KFR-1550	Cast Reinforced Concrete for the Retaining Wall	1d	06-Apr-16	06-Apr-16
E-KFR-1560	Deshuttering & Curing For Walls	7d	09-Apr-16	16-Apr-16
Retaining Wall from Station 06 to station 07 Length = 22.9 lm				
E-KFR-1450	Concrete Curing & Isolation	7d	30-Mar-16 A	07-Apr-16
E-KFR-1460	Form/Steel Rebars for the Retaning Walls with Drain System - Fence Steel Props Installation	15d	31-Mar-16 A	18-Apr-16
E-KFR-1470	Cast Reinforced Concrete for the Retaining Wall	1d	19-Apr-16	19-Apr-16
E-KFR-1480	Deshuttering & Curing For Walls	7d	20-Apr-16	27-Apr-16
Retaining Wall from Station 07 to station 01 Length = 44.14				
E-KFR-1580	Excavation for Foundation & Subgrade layer Compaction	10d	02-Apr-16	12-Apr-16
E-KFR-1590	Form/Steel Rebars for Foundation	14d	13-Apr-16	28-Apr-16
Civil Work				
E-KFR-2025	Furnishing, leveling, and compacting of subgrade layer	8d	22-Mar-16 A	05-Apr-16
E-KFR-2026	Furnish and install subgrade piping (Washout drainage pipe and other pipes)	8d	13-Apr-16	21-Apr-16
E-KFR-2030	Supply and Spread 150mm B/C Layers With Compaction Test & under ground Piping & Perforated Pipes	6d	06-Apr-16	12-Apr-16



Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

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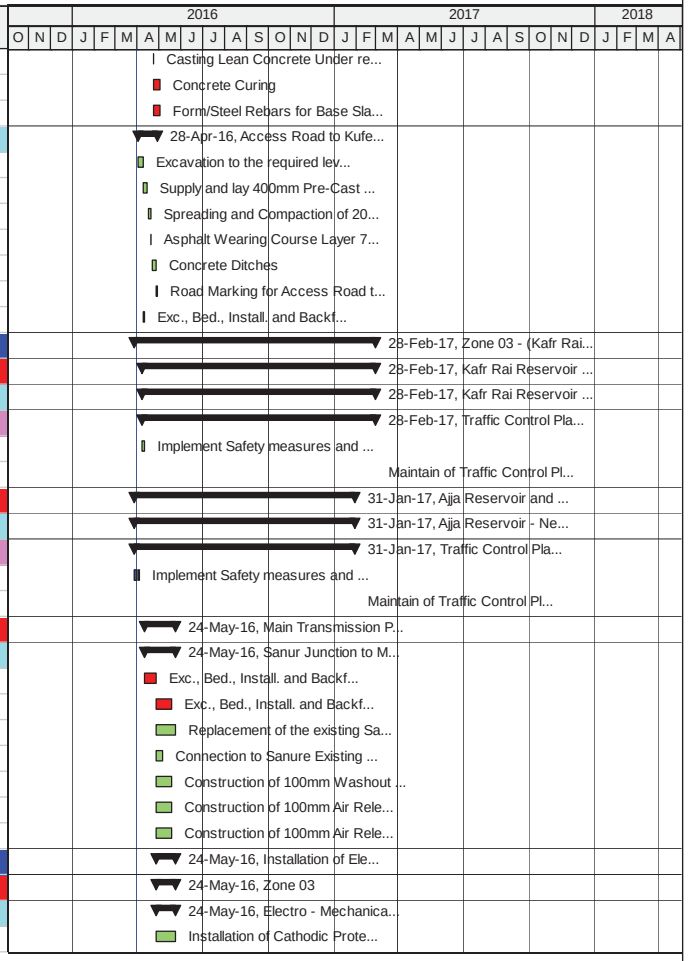
TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project

31-Mar-16 12:23

Activity ID	Activity Name	Original Duration	Start	Finish
E-KFR-2040	Casting Lean Concrete Under reservoir	1d	23-Apr-16	23-Apr-16
E-KFR-2050	Concrete Curing	7d	24-Apr-16	03-May-16
E-KFR-2060	Form/Steel Rebars for Base Slab and Installing Water Stop	7d	24-Apr-16	03-May-16
Access Road to Kuferit Reservoir (170 m of two-lane road with shoulder)				
E-KFR-1000	Excavation to the required level for Access Road to Kuferit Reservoir from Station 0+000 to Station 0+170	7d	02-Apr-16	09-Apr-16
E-KFR-1010	Supply and lay 400mm Pre-Cast Concrete Pipe Connection joint precast	5d	10-Apr-16	14-Apr-16
E-KFR-1020	Spreading and Compaction of 20cm Base Course for Access Road to Kuferit Reservoir from Station 0+000 to Station 0+1	4d	16-Apr-16	19-Apr-16
E-KFR-1030	Asphalt Wearing Course Layer 7cm for Access Road to Kuferit Reservoir from Station 0+000 to Station 0+170 including M	1d	20-Apr-16	20-Apr-16
E-KFR-1035	Concrete Ditches	5d	21-Apr-16	26-Apr-16
E-KFR-1040	Road Marking for Access Road to Ajja Reservoir from Station 0+000 to Station 0+170	2d	27-Apr-16	28-Apr-16
E-YKT-1160	Exc., Bed., Install. and Backfill. 150mm Kuferit Force Line from St. 2+300 to St. 2+463	2d	10-Apr-16	11-Apr-16
Zone 03 - (Kafr Rai and Ajja)				
Kafr Rai Reservoir and Access Road				
Kafr Rai Reservoir - New Construction 1,000 m3 At Grade				
Traffic Control Plan and Safety				
E-KRR-1720	Implement Safety measures and Traffic Control Plan for Kafr Rai Reservoir	4d	07-Apr-16	11-Apr-16
E-KRR-1730	Maintain of Traffic Control Plan and Safety measures for Kafr Rai Reservoir	247d	12-Apr-16	28-Feb-17
Ajja Reservoir and Access Road				
Ajja Reservoir - New Construction 1000 m3 At Grade				
Traffic Control Plan and Safety				
E-AJR-1670	Implement Safety measures and Traffic Control Plan for Ajja Reservoir	4d	27-Mar-16 A	03-Apr-16
E-AJR-1680	Maintain of Traffic Control Plan and Safety measures for Ajja Reservoir	233d	04-Apr-16	31-Jan-17
Main Transmission Pipe lines				
Sanur Junction to Maythaloun Well Main Transmission Pipeline (250mm x 3.7 km)				
E-SMT-1000	Exc., Bed., Install. and Backfill. 250mm Sanur - Maythaloun Transmission Pipeline from St. 0+000 to St.1+200	15d	11-Apr-16	28-Apr-16
E-SMT-1010	Exc., Bed., Install. and Backfill. 250mm Sanur - Maythaloun Transmission Pipeline from St. 1+200 to St.2+400	15d	28-Apr-16	18-May-16
E-SMT-1035	Replacement of the existing Sanur Connection Chamber (CHD-103)	20d	28-Apr-16	24-May-16
E-SMT-1045	Connection to Sanure Existing Pipe	5d	28-Apr-16	07-May-16
E-SMT-1055	Construction of 100mm Washout Chamber at station 0+010 0on 250mm pipe	15d	28-Apr-16	18-May-16
E-SMT-1075	Construction of 100mm Air Release Valve Chamber at station 0+770 on 250mm pipe	15d	28-Apr-16	18-May-16
E-SMT-1095	Construction of 100mm Air Release Valve Chamber at station 1+190 on 250mm pipe	15d	28-Apr-16	18-May-16
Installation of Electro - Mechanical Component				
Zone 03				
Electro - Mechanical work - Zone 03				
SWJ-2100	Installation of Cathodic Protection system - Anode and Test Station for Zone 03	20d	28-Apr-16	24-May-16



Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

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Annex E - Progress S - Curve

UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT - WEST BANK / GAZA

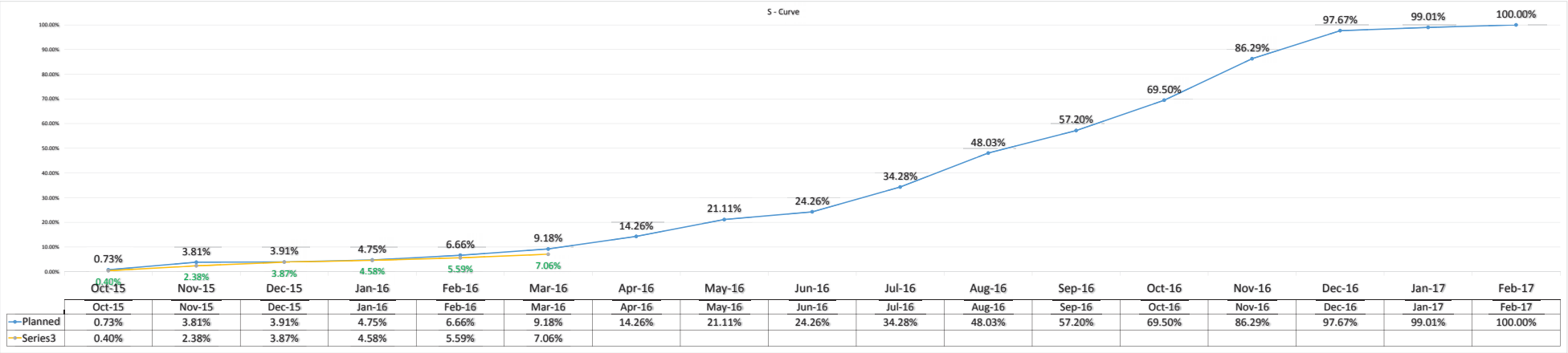
CONTRACT NO. AID-294-I-12-00002

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

Southwest Jenin Water Project

S-Curve

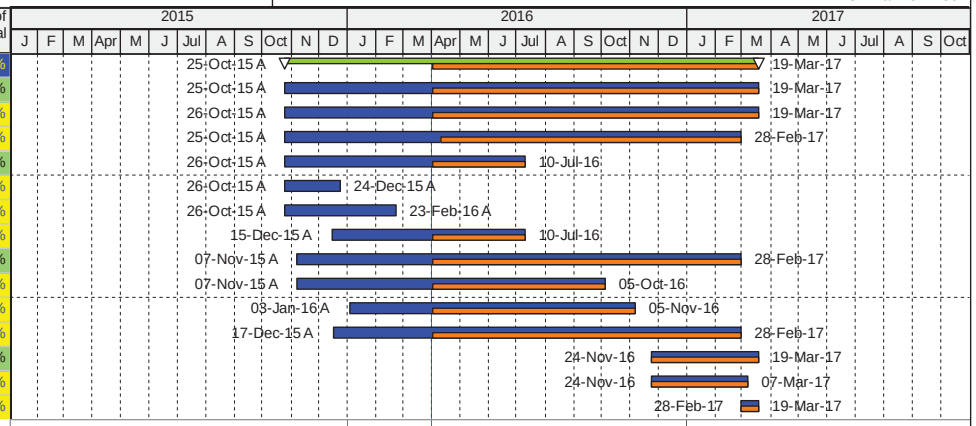
Date	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17
Planned Value	$ 91,204.64	$ 383,059.49	$ 13,053.88	$ 104,197.07	$ 237,290.85	$ 314,111.95	$ 632,604.06	$ 852,710.13	$ 391,902.22	$ 1,247,517.85	$ 1,712,294.37	$ 1,141,299.53	$ 1,531,332.70	$ 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%
Actual Value	$ 49,402.51	$ 247,012.57	$ 185,499.86	$ 87,932.02	$ 126,393.48	$ 182,622.99											
Actual Value (Accumulative)	$ 49,402.51	$ 296,415.08	$ 481,914.94	$ 569,846.96	$ 696,240.44	$ 878,863.43											
Actual% Complete	0.40%	1.98%	1.49%	0.71%	1.02%	1.47%											
Actual % Complete (Accumulative)	0.40%	2.38%	3.87%	4.58%	5.59%	7.06%											

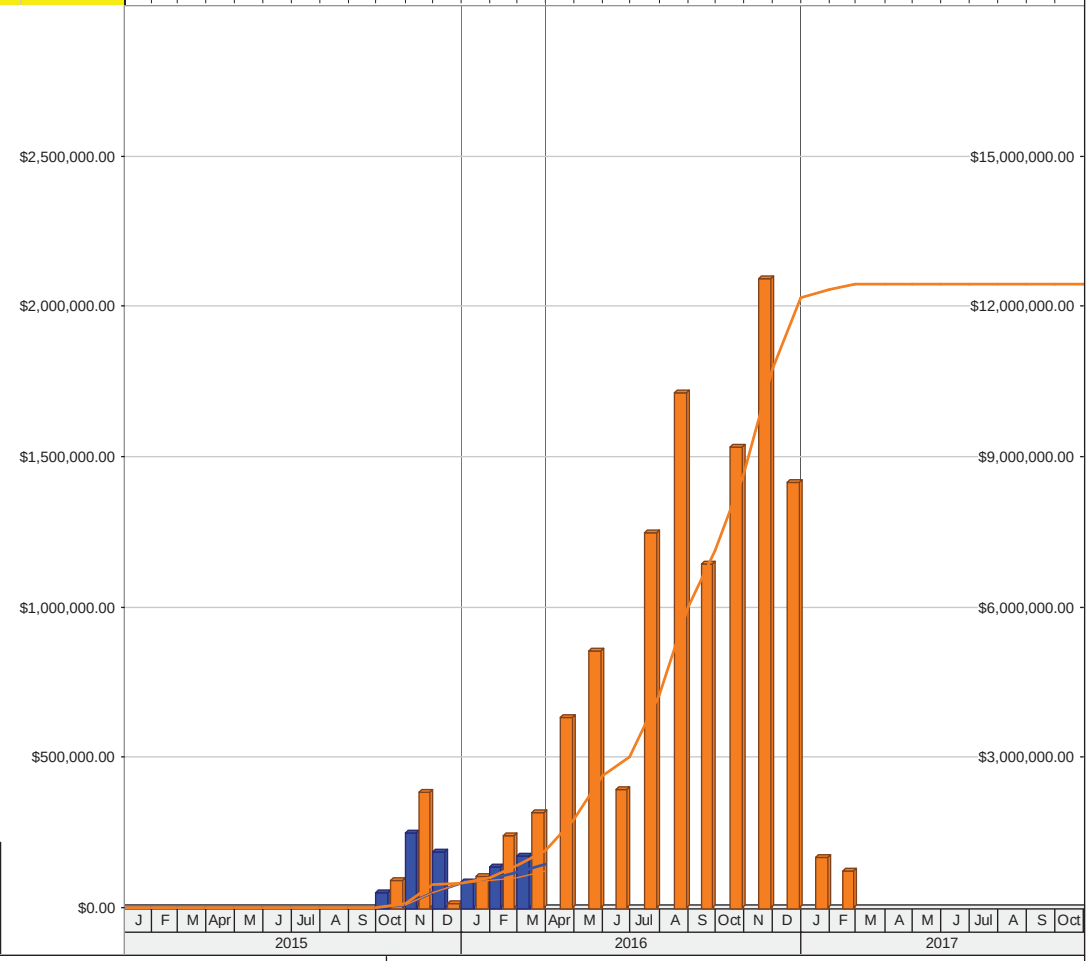


	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17
Planned	0.73%	3.81%	3.91%	4.75%	6.66%	9.18%	14.26%	21.11%	24.26%	34.28%	48.03%	57.20%	69.50%	86.29%	97.67%	99.01%	100.00%
Series3	0.40%	2.38%	3.87%	4.58%	5.59%	7.06%											

TO 15-10 SWJ - Updated Original Baseline Schedule - Southwest Jenin Water Project | Tracking | 31-Mar-16 12:35

WBS Name	Start	Finish	Schedule % Complete	Cost % of Budget	Duration % of Original
TO 15-10 SWJ - Updated Original Baseline Schedule - Southv	25-Oct-1	19-Mar-17	9.18%	7.05%	34.63%
Milestones	25-Oct-1	19-Mar-17	0%	0%	34.63%
General Milestones	26-Oct-1	19-Mar-17	0%	0%	34.37%
Intermediate Milestones	25-Oct-1	28-Feb-17	0%	0%	25.87%
Preconstruction Phase	26-Oct-1	10-Jul-16	100%	100%	87.76%
Mobilization	26-Oct-1	24-Dec-15 A	100%	100%	192.31%
Preconstruction Submittals	26-Oct-1	23-Feb-16 A	0%	0%	160%
Traffic Control Plan Submittals	15-Dec-1	10-Jul-16	0%	0%	63.5%
Construction Phase	07-Nov-:	28-Feb-17	5.64%	3.4%	31.73%
Construction Submittals	07-Nov-:	05-Oct-16	0%	0%	57.02%
Procurement	03-Jan-1	05-Nov-16	0%	0%	28.9%
Execution	17-Dec-1	28-Feb-17	5.64%	3.4%	25.91%
Post Construction Phase	24-Nov-16	19-Mar-17	0%	0%	0%
Post construction Submittals	24-Nov-16	07-Mar-17	0%	0%	0%
Demobilization	28-Feb-17	19-Mar-17	0%	0%	0%





- Actual Total Cost
- Planned Value Cost
- Earned Value Cost
- BL Project Total Cost

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

Resource:

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Annex F - Site Memos Log

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-JLR-E-C-0003	Response to SM-15-00010-SWJ-C-E-002	February 9, 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

Annex G - Inspection Request Log

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-JLR-003-A	Verify the elevations for Jaqamus Reservoir.	December 15, 2015	December 16, 2015	December 16, 2015	A
IR-15-00010-JLR-003-B	Verify the elevations for Jaqamus Reservoir.	December 22, 2015	December 23, 2015	December 23, 2015	C
IR-15-00010-AL MUTILLA-004-A	Verify the elevations for Al Mutilla Reservoir.	December 15, 2015	December 16, 2015	December 16, 2015	A
IR-15-00010-AL MUTILLA-005-A	Site Perpetration ,Removal of Surplus Existing Material for Al Mutilla Reservoir.	December 21, 2015	December 21, 2015	December 22, 2015	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	C
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	Implementing safety traffic plan for Jalqamus Reservoir.	January 4, 2016	January 5, 2016	January 6, 2016	A
IR-15-00010-AL MUTILLA-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 works for 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-KUFERIT -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

KUFERIT -015-B	Reservoir (Grid). Refer to attached		2016	2016	
IR-15-00010-KUFERIT -016-A	Bench Mark 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-AL MUTILLA-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-AL MUTILLA-021-A	Casting lean concrete under reservoir footing in Al Mutilla Reservoir.	January 26, 2016	January 26, 2016	#REF!	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-AL MUTILLA -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-AL MUTILLA -026-A	Sleeve 6 "for drain at Al Mutilla reservoir foundation.	February 8, 2016	February 9, 2016	February 10, 2016	A
IR-15-00010-AL MUTILLA -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-JlR -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-AL MUTILLA -031-A	Casting lean concrete for Al Mutilla retaining wall	February 11, 2016	February 13, 2016	February 14, 2016	C
IR-15-00010-AL MUTILLA -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-AL MUTILLA -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-AL MUTILLA - 037-A	Inspection of apply Second bitumen coat layer for Al Mutilla Reservoir footing.	February 17, 2016	February 17, 2016	February 18, 2016	A
	IR-15-00010-AL MUTILLA - 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-AL MUTILLA - 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-AL MUTILLA - 040-A	Inspection of electrical works first fix in Al Muttila 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-AL MUTILLA - 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-AL MUTILLA - 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-KUFERIT - 045-A	Implementing safety traffic plan for Kuferit Reservoir.	February 21, 2016	February 21, 2016	February 22, 2016	C
	IR-15-00010-KUFERIT - 045-B	Implementing safety traffic plan for Kuferit 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-AL MUTILLA - 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-AL MUTILLA - 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	February 25, 2016	February 27, 2016	February 28, 2016	A

	for concrete casting in Jalqamus Reservoir.				
IR-15-00010-ARR -053-A	Inspection of 1st backfill layer in Arraba Reservoir	February 27, 2016	February 27, 2016	February 28, 2016	A
IR-15-00010-JLR -054-A	Inspection of 1st 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 1st layer of Bitumen coating for the lean concrete and concrete encasement of the W.O.	February 28, 2016	February 28, 2016	February 29, 2016	A
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-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	Implementing safety traffic plan for Jalqamus Reservoir.	January 4, 2016	January 5, 2016	January 6, 2016	A
IR-15-00010-AL MUTILLA-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 works for 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-KUFERIT -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-KUFERIT -015-B	Verify the elevations for Kuferit Reservoir (Grid). Refer to attached	January 13, 2016	January 13, 2016	January 13, 2016	A
IR-15-00010-KUFERIT -016-A	Bench Mark For Kuferit Reservoir. Refer to attached	January 13, 2016	January 13, 2016	January 13, 2016	A

Annex H – Test Reports Log

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

QC SUBMITTALS LOG						
No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
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

Annex I - Submittals Data

TASK ORDER SUBMITTALS LOG

No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
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-002-B	Steel Pipes (6",8" and 10") in FIP Products	Material-Mec	December 13, 2015	December 21, 2015	B
4	SUB-15-00010-SWJ-002-C	Steel Pipes (6",8" and 10") in FIP Products	Material-Mec	December 27, 2015	January 10, 2016	A
5	SUB-15-00010-SWJ-003-A	Steel Fittings - FIP	Material-Mec	November 11, 2015	November 30, 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

TASK ORDER SUBMITTALS LOG

No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
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
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

TASK ORDER SUBMITTALS LOG

No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
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-026-A	ALKarmel Concrete Mix Design	Pre-Construction	November 24, 2015	December 1, 2015	B
36	SUB-15-00010-SWJ-026-B	ALKarmel Concrete Mix Design	Pre-Construction	January 19, 2016	January 27, 2016	A
37	SUB-15-00010-SWJ-027-A	Subcontractor Profile	Pre-Construction	November 24, 2015	November 29, 2015	E
38	SUB-15-00010-SWJ-028-A	Preliminary Progress Schedule Submittal (60 Day Plan of Operation)	Pre-Construction	November 24, 2015	December 6, 2015	B
39	SUB-15-00010-MTR-029-A	AL Mutilla Reservoir Structural Shop Drawings	Shop Drawing	November 24, 2015	December 22, 2015	C
40	SUB-15-00010-MTR-029-B	AL Mutilla Reservoir Structural Shop Drawings	Shop Drawing	December 27, 2015	January 17, 2016	B
41	SUB-15-00010-MTR-029-C	AL Mutilla Reservoir Structural Shop Drawings-For Construction	For Construction	January 18, 2016	January 27, 2016	A
42	SUB-15-00010-SWJ-030-A	Temporary Project Signs-Graphical Sign Sample	Sample	November 24, 2015	December 14, 2015	A
43	SUB-15-00010-SWJ-031-A	Copy of Insurance Certificate	Pre-Construction	December 7, 2015	December 16, 2015	E
44	SUB-15-00010-SWJ-032-A	Dumping Area	Pre-Construction	December 7, 2015	December 21, 2015	B
45	SUB-15-00010-SWJ-033-A	Storage Yard	Pre-Construction	December 7, 2015	December 21, 2015	B
46	SUB-15-00010-ARR-034-A	Arraba Reservoir Site Layout	Shop Drawing	December 7, 2015	December 13, 2015	C
47	SUB-15-00010-ARR-034-B	Arraba Reservoir Site Layout	Shop Drawing	December 15, 2015	January 13, 2016	C
48	SUB-15-00010-ARR-034-C	Arraba Reservoir Site Layout	Shop Drawing	February 10, 2016	February 17, 2016	A

TASK ORDER SUBMITTALS LOG

No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
49	SUB-15-00010-JLR-035-A	Jalqamus Reservoir Access Road Shop Drawings	Shop Drawing	December 7, 2015	December 29, 2015	C
50	SUB-15-00010-JLR-035-B	Jalqamus Reservoir Access Road Shop Drawings	Shop Drawing	December 30, 2015	January 27, 2016	B
51	SUB-15-00010-JLR-036-A	Jalqamus Double Trench Pipelines (6" Pipes)	Method Statement	December 6, 2015	December 13, 2015	B
52	SUB-15-00010-SWJ-037-A	Cell Phones & SIM	Material-Mec	December 8, 2015	December 21, 2015	E
53	SUB-15-00010-SWJ-038-A	Temporary Project Signs Locations	Pre-Construction	December 14, 2015	December 21, 2015	A
54	SUB-15-00010-SMT-039-A	Dilapidation Survey(Sanour-Meithalon Main Transmission Line)	Pre-Construction	December 14, 2015	December 28, 2015	A
55	SUB-15-00010-SWJ-040-A	Coordination With Local Authorities(Letters to Local Authorities)	Pre-Construction	December 14, 2015	January 7, 2016	A
56	SUB-15-00010-JLR-041-A	Proposed Site Layout for Jalqamus Reservoir	Shop Drawing	December 14, 2015	December 28, 2015	C
57	SUB-15-00010-JLR-041-B	Proposed Site Layout for Jalqamus Reservoir	Shop Drawing	December 29, 2015	January 19, 2016	C
58	SUB-15-00010-JLR-041-C	Proposed Site Layout for Jalqamus Reservoir	Shop Drawing	January 20, 2016	February 17, 2016	B
59	SUB-15-00010-MTR-042-A	Proposed Site Layout for Al Mutilla Elevated Reservoir	Shop Drawing	December 14, 2015	December 28, 2015	C
60	SUB-15-00010-MTR-042-B	Proposed Site Layout for Al Mutilla Elevated Reservoir	Shop Drawing	December 30, 2015	January 19, 2016	C
61	SUB-15-00010-MTR-042-C	Proposed Site Layout for Al Mutilla Elevated Reservoir	Shop Drawing	January 24, 2016	January 27, 2016	A
62	SUB-15-00010-MTB-043-A	Site Layout for Al Mutilla Booster Station	Shop Drawing	December 14, 2015	January 11, 2016	C
63	SUB-15-00010-MTB-043-B	Site Layout for Al Mutilla Booster Station	Shop Drawing	January 14, 2016	January 27, 2016	B
64	SUB-15-00010-MTB-043-C	Site Layout for Al Mutilla Booster Station-For Construction	Shop Drawing	February 1, 2016	February 7, 2016	A

TASK ORDER SUBMITTALS LOG

No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
65	SUB-15-00010-KFR-044-A	Site Layout for Kufeirit Reservoir	Shop Drawing	December 14, 2015	January 11, 2016	C
66	SUB-15-00010-KFR-044-B	Site Layout for Kufeirit Reservoir	Shop Drawing	January 20, 2016	January 12, 2016	Retracted
67	SUB-15-00010-KFR-044-B	Site Layout for Kufeirit Reservoir	Shop Drawing	February 2, 2016	February 23, 2016	B
68	SUB-15-00010-SWJ-045-A	Pressure Gauage and Snubbers-WIKA	Material-Mec	December 14, 2015	January 10, 2016	B
69	SUB-15-00010-SWJ-046-A	Check Valves-A.R.I	Material-Mec	December 14, 2015	January 11, 2016	A
70	SUB-15-00010-SWJ-047-A	1" & 2" Combination Air Release Valve-A.R.I	Material-Mec	December 14, 2015	December 30, 2015	B
71	SUB-15-00010-SWJ-048-A	3" & 4" Combination Air Release Valve-A.R.I	Material-Mec	December 14, 2015	January 7, 2016	B
72	SUB-15-00010-SWJ-049-A	KSB Ball Valves DN50 7 Smaller	Material-Mec	December 14, 2015	January 7, 2016	C
73	SUB-15-00010-SWJ-049-B	KSB Ball Valves DN50 7 Smaller	Material-Mec	January 20, 2016	February 7, 2016	A
74	SUB-15-00010-SWJ-050-A	Flange Insulation Kit (SGM)	Material-Mec	December 14, 2015	January 7, 2016	C
75	SUB-15-00010-SWJ-050-B	Flange Insulation Kit (SGM)	Material-Mec	January 20, 2016	February 7, 2016	A
76	SUB-15-00010-SWJ-051-A	Perforated Pipes	Material-Mec	December 14, 2015	January 13, 2016	A
77	SUB-15-00010-SWJ-052-A	Ventilation Pipes Sh40 Seamless	Material-Mec	December 14, 2015	January 7, 2016	B
78	SUB-15-00010-SWJ-053-A	Silent Check Valves	Material-Mec	December 14, 2015	January 13, 2016	A
79	SUB-15-00010-SWJ-054-A	Booster Pumps/KSB	Material-Mec	December 14, 2015	January 7, 2016	C
80	SUB-15-00010-SWJ-054-B	Booster Pumps/KSB	Material-Mec	February 1, 2016	February 25, 2016	C

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No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
82	SUB-15-00010-SWJ-055-A	Electromagnet Flowmeters/DC(Siemens/MAG 8000)	Material-Elec	December 14, 2015	January 13, 2016	C
83	SUB-15-00010-SWJ-056-A	Electromagnet Flowmeters/AC(Siemens/MAG 31000)	Material-Elec	December 14, 2015	January 13, 2016	D
84	SUB-15-00010-SWJ-057-A	Pressure Level Transmitter Siemns	Material-Elec	December 14, 2015	January 7, 2016	C
85	SUB-15-00010-SWJ-058-A	Pressure Indicating Transmitter/Siemens	Material-Elec	December 14, 2015	January 9, 2016	C
86	SUB-15-00010-SWJ-059-A	Float Level Switch (Magentrol/T10 Float Level Switch)	Material-Elec	December 14, 2015	January 7, 2016	A
87	SUB-15-00010-SWJ-060-A	Pressure Switch/Beta	Material-Elec	December 14, 2015	January 7, 2016	C
88	SUB-15-00010-SWJ-061-A	Lightning Surge Arrestor (MTL Surge Technology/TP48 Series)	Material-Elec	December 15, 2015	January 7, 2016	B
89	SUB-15-00010-SWJ-062-A	Pressure Differential Switch-Ashcroft	Material-Elec	December 15, 2015	January 13, 2016	C
90	SUB-15-00010-SWJ-063-A	Lighting Surge Arrestor Cabinet (MTL Instruments/SD32X)	Material-Elec	December 15, 2015	January 7, 2016	A
91	SUB-15-00010-SWJ-064-A	Bolts, Washers and Nuts	Material-Mec	December 15, 2015	January 7, 2016	A
92	SUB-15-00010-SWJ-065-A	Strainer/ Y-Type	Material-Mec	December 15, 2015	January 13, 2016	C
93	SUB-15-00010-SWJ-065-B	Strainer/ Y-Type	Material-Mec	February 21, 2016	February 28, 2016	C
95	SUB-15-00010-SWJ-066-A	Dismantling Joint-Unijoint	Material-Mec	December 15, 2015	January 13, 2016	A
96	SUB-15-00010-SWJ-067-A	Expansion Joint/MID CORR	Material-Mec	December 15, 2015	January 7, 2016	C
97	SUB-15-00010-SWJ-067-B	Expansion Joint/MID CORR	Material-Mec	January 20, 2016	February 7, 2016	A

TASK ORDER SUBMITTALS LOG

No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
98	SUB-15-00010-SWJ-068-A	Mechanical Coupling/FlexLock	Material-Mec	December 15, 2015	December 29, 2015	C
99	SUB-15-00010-SWJ-069-A	Welding Procedure	Method Statement	December 15, 2015	December 21, 2015	C
100	SUB-15-00010-SWJ-069-B	Welding Procedure	Method Statement	February 25, 2016	February 29, 2016	A
101	SUB-15-00010-SWJ-070-A	Method Statement For Repairing Pipes Cement Mortar	Method Statement	December 15, 2015	January 4, 2016	B
102	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
103	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
104	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
105	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
106	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
107	SUB-15-00010-SWJ-073-A	Flanged Gate Valve with Actuator / PN16/PN25/PN40	Material-Mec	December 15, 2015	January 4, 2016	C
108	SUB-15-00010-SWJ-073-B	Flanged Gate Valve with Actuator / PN16/PN25/PN40	Material-Mec	January 6, 2016	January 27, 2016	C
109	SUB-15-00010-SWJ-073-C	Flanged Gate Valve with Actuator / PN16/PN25/PN41	Material-Mec	February 1, 2016	February 11, 2016	A
110	SUB-15-00010-SWJ-074-A	Flap Valve	Material-Mec	December 13, 2015	January 4, 2016	A
111	SUB-15-00010-SWJ-075-A	Flange Gasket AFM 34	Material-Mec	December 13, 2015	January 5, 2016	C
112	SUB-15-00010-SWJ-075-B	Flange Gasket AFM 34	Material-Mec	January 24, 2016	February 7, 2016	A

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No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
113	SUB-15-00010-SWJ-076-A	General Construction Method Statement	Method Statement	December 15, 2015	January 13, 2016	A
114	SUB-15-00010-SWJ-077-A	Original CPM Schedule Submittal	Pre-Construction	December 15, 2015	January 10, 2016	C
115	SUB-15-00010-SWJ-077-B	Original CPM Schedule Submittal	Pre-Construction	January 20, 2016	February 7, 2016	C
116	SUB-15-00010-SWJ-077-C	Original CPM Schedule Submittal	Pre-Construction	February 15, 2016	February 23, 2016	A
117	SUB-15-00010-ARR-078-A	2000 m3 Arraba Reservoir Structural Shop Drawings	Shop Drawing	December 16, 2015	January 11, 2016	C
118	SUB-15-00010-ARR-078-B	2000 m3 Arraba Reservoir Structural Shop Drawings	Shop Drawing	January 12, 2016	February 1, 2016	C
119	SUB-15-00010-ARR-078-C	2000 m3 Arraba Reservoir Structural Shop Drawings	Shop Drawing	February 8, 2016	February 28, 2016	B
120	SUB-15-00010-ARR-078-D	2000 m3 Arraba Reservoir Structural Shop Drawings-For Construction	Shop Drawing	February 29, 2016	March 3, 2016	A
121	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
122	SUB-15-00010-SWJ-080-A	Colored PVC Pipes-Conduit for Power and Light	Material-Elec	December 16, 2015	January 7, 2016	C
123	SUB-15-00010-SWJ-081-A	Electrical Conduits PVC Pipes & Fittings	Material-Elec	December 16, 2015	January 7, 2016	C
124	SUB-15-00010-SWJ-081-B	Electrical Conduits PVC Pipes & Fittings	Material-Elec	January 9, 2016	January 20, 2016	A
125	SUB-15-00010-SWJ-082-A	Electrical Conduits-Steel Pipes	Material-Elec	December 16, 2015	January 7, 2016	A
126	SUB-15-00010-SWJ-083-A	PVC Coated Flexible Steel Pipe/Teleflex Electrical Flexible Conduits	Material-Elec	December 16, 2015	January 7, 2016	B
127	SUB-15-00010-SWJ-084-A	Grounding System Material	Material-Elec	December 16, 2015	January 7, 2016	C
128	SUB-15-00010-SWJ-084-B	Grounding System Material	Material-Elec	January 10, 2016	February 1, 2016	A
129	SUB-15-00010-SWJ-085-A	Power Cables	Material-Elec	December 16, 2015	January 7, 2016	C
130	SUB-15-00010-SWJ-086-A	Lighting Poles (Lighting Fixtures & Poles)	Material-Elec	December 16, 2015	January 7, 2016	C
131	SUB-15-00010-SWJ-086-B	Lighting Poles (Lighting Fixtures & Poles)	Material-Elec	January 27, 2016	February 14, 2016	A
132	SUB-15-00010-SWJ-087-A	Traffic Control Plan	Pre-Construction	December 17, 2015	December 28, 2015	C
133	SUB-15-00010-SWJ-087-B	Traffic Control Plan	Pre-Construction	February 29, 2016		Retracted
135	SUB-15-00010-ARR-088-A	Shop Drawing For Retaining Wall For Arraba Reservoir	Shop Drawing	December 17, 2015	January 5, 2016	C

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No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
136	SUB-15-00010-ARR-088-B	Shop Drawing For Retaining Wall For Arraba Reservoir	Shop Drawing	January 7, 2016	January 19, 2016	B
137	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
138	SUB-15-00010-MTR-089-A	Shop Drawing for Retaining Wall for Al Mutilla Reservoir	Shop Drawing	December 17, 2015	January 5, 2016	C
139	SUB-15-00010-MTR-089-B	Shop Drawing for Retaining Wall for Al Mutilla Reservoir	Shop Drawing	January 7, 2016	January 19, 2016	B
140	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
141	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
142	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
143	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
144	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
145	SUB-15-00010-SWJ-094-A	B35 Cylinder Concrete Mix Design-Me'mar Batch Plant	Pre-Construction	December 19, 2015	January 11, 2016	C
146	SUB-15-00010-SWJ-094-B	B35 Cylinder Concrete Mix Design-Me'mar Batch Plant	Pre-Construction	January 12, 2016	January 19, 2016	A
147	SUB-15-00010-SWJ-095-A	B35 Concrete Ready Mix Design-Me'mar Batch plant	Pre-Construction	December 19, 2015	January 11, 2016	C
148	SUB-15-00010-MTR-096-A	Shop Drawing of Formwork for Al Mutilla Reservoir	Shop Drawing	December 17, 2015	January 7, 2016	B
149	SUB-15-00010-SWJ-097-A	Key Personnel	Pre-Construction	December 17, 2015	December 21, 2015	E
150	SUB-15-00010-MTR-098-A	Al Mutilla Elevated Reservoir piping Plan & Sections	Shop Drawing	December 20, 2015	January 18, 2016	C
151	SUB-15-00010-MTR-098-B	Al Mutilla Elevated Reservoir piping Plan & Sections	Shop Drawing	January 27, 2016	February 22, 2016	C
153	SUB-15-00010-AJR-099-A	Layout for Ajja Reservoir	Shop Drawing	December 20, 2015	January 11, 2016	C
154	SUB-15-00010-AJR-099-B	Layout for Ajja Reservoir	Shop Drawing	January 13, 2016	January 27, 2016	C
155	SUB-15-00010-AJR-099-C	Layout for Ajja Reservoir	Shop Drawing	February 9, 2016	March 3, 2016	B
156	SUB-15-00010-SWJ-100-A	Holiday Test Machine	Material-Mec	December 20, 2015	January 3, 2016	E
157	SUB-15-00010-SWJ-101-A	Metal Box-Junction Box-(Metebox - Enclosure)	Material-Elec	December 20, 2015	January 7, 2016	A
158	SUB-15-00010-SWJ-102-A	B20+B25+B30 Concrete Mix Design-Memar	Pre-Construction	December 20, 2015	January 18, 2016	E
159	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
160	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

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No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
161	SUB-15-00010-MTR-105-A	Traffic Control Plan-Al Mutilla Reservoir	SHop Drawing	December 23, 2015	December 28, 2015	B
162	SUB-15-00010-SWJ-106-A	Plastic Warning Tape Cathodic Protection System/Electrical	Sample	December 23, 2015	January 7, 2016	A
163	SUB-15-00010-SWJ-107-A	Method Statement for Chambers Installation	Method Statement	December 27, 2015	January 13, 2016	C
164	SUB-15-00010-SWJ-108-A	Concrete Curing Method Statement	Method Statement	December 27, 2015	January 11, 2016	A
165	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
166	SUB-15-00010-MTR-110-A	Excavation Plan for Al Mutilla Reservoir	Shop Drawing	December 27, 2015	January 13, 2016	A
167	SUB-15-00010-SWJ-111-A	Formwork Material-Form Tie & Plywood-Sampls	Sample	December 27, 2015	January 13, 2016	C
168	SUB-15-00010-SWJ-111-B	Formwork Material-Form Tie & Plywood-Sampls	Sample	January 19, 2016	January 27, 2016	A
169	SUB-15-00010-SWJ-112-A	Dumping Area 2nd Option	pre-Construction	December 27, 2015	January 18, 2016	B
170	SUB-15-00010-SWJ-113-A	Dilapidation Survey (Al Mutilla Reservoir)	Pre-Construction	December 27, 2015	January 17, 2016	B
171	SUB-15-00010-SWJ-114-A	AL Mutilla Elevated Reservoir 500 CM Electrical Shop Drawings	Shop Drawing	December 27, 2015	January 20, 2016	B
172	SUB-15-00010-SWJ-115-A	Concrete Repair Method Statement	Method Statement	December 28, 2015	January 7, 2016	A
173	SUB-15-00010-SWJ-116-A	Internal Epoxy Coating - Nitocote EP405	Method Statement	December 28, 2015	February 22, 2016	C
175	SUB-15-00010-SWJ-117-A	External Coating Dekguard FC+Nitocote SN522	Method Statement	December 28, 2015	January 18, 2016	A
176	SUB-15-00010-SWJ-118-A	PVC Waterstop (Supercast Watafoil S250) Method Statement	Method Statement	December 28, 2015	January 7, 2016	A
177	SUB-15-00010-SWJ-119-A	Flexible Protective Coating Nitocote EPU	Method Statement	December 28, 2015	January 13, 2016	A
178	SUB-15-00010-SWJ-120-A	Rapid Setting Cement-Based Water Stopping Mortar-Rendroc Plug	Method Statement	December 28, 2015	January 13, 2016	A
179	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
180	SUB-15-00010-SWJ-122-A	External Isolation Material-Nitoproof 30 MS	Method Statement	December 28, 2015	January 3, 2016	A
181	SUB-15-00010-SWJ-123-A	Method Statement for Cementation Repair Mortar-Renderoc FC	Method Statement	December 28, 2015	January 3, 2016	B
182	SUB-15-00010-SWJ-124-A	Excavation Plan for Arraba Reservoir	Shop Drawing	December 28, 2015	January 17, 2016	C
183	SUB-15-00010-SWJ-125-A	Small Steel Pipes (2" , 3" and 4")	Material-Mec	December 28, 2015	January 17, 2016	C
184	SUB-15-00010-SWJ-125-B	Small Steel Pipes (2" , 3" and 4")	Material-Mec	January 31, 2016	February 11, 2016	C
185	SUB-15-00010-SWJ-125-C	Small Steel Pipes (2" , 3" and 4")	Material-Mec	February 21, 2016	March 6, 2016	B
186	SUB-15-00010-JLR-126-A	Excavation Plan for Jalqamus Reservoir	Pre-Construction	December 29, 2015	January 17, 2016	C
187	SUB-15-00010-JLR-126-B	Excavation Plan for Jalqamus Reservoir	Pre-Construction	February 1, 2016	February 17, 2016	A
188	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
189	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

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No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
190	SUB-15-00010-SWJ-128-A	Shop Drawing For Precast Manhole 1.20X1.20	Shop Drawing	December 30, 2015		Retracted
191	SUB-15-00010-SWJ-129-A	Precast Chambers-1.5X1.5 X2.0 m	Shop Drawing	December 30, 2015		Retracted
192	SUB-15-00010-JLR-130-A	Dilapidation Survey (Jalqamus Reservoir)	Pre-Construction	December 30, 2015	January 17, 2016	C
193	SUB-15-00010-JLR-130-B	Dilapidation Survey (Jalqamus Reservoir)	Pre-Construction	February 9, 2016	February 23, 2016	A
194	SUB-15-00010-ARR-131-A	Dilapidation Survey (Arraba Reservoir)	Pre-Construction	December 30, 2015	January 17, 2016	C
195	SUB-15-00010-ARR-131-B	Dilapidation Survey (Arraba Reservoir)	Pre-Construction	January 31, 2016	February 10, 2016	A
196	SUB-15-00010-JLR-132-A	Traffic Plan For Jalqamus Reservoir	Pre-Construction	January 3, 2016	January 17, 2016	B
197	SUB-15-00010-ARR-133-A	Traffic Plan For Arraba Reservoir	Pre-Construction	January 3, 2016	January 17, 2016	B
198	SUB-15-00010-SWJ-134-A	Stainless Steel Pipes	Material-Mec	January 3, 2016	January 7, 2016	C
199	SUB-15-00010-SWJ-134-B	Stainless Steel Pipes	Material-Mec	January 20, 2016	February 7, 2016	A
200	SUB-15-00010-SWJ-135-A	Warning Tape-Water Pipelines	sample	January 3, 2016	January 18, 2016	A
201	SUB-15-00010-SWJ-136-A	Manhole Steps-Samples and Data	sample	January 3, 2016	January 27, 2016	D
202	SUB-15-00010-SWJ-136-B	Manhole Steps-Samples and Data	sample	February 23, 2016	March 3, 2016	C
203	SUB-15-00010-SWJ-137-A	Filter Fabric (Geotextile)	sample	January 3, 2016	January 19, 2016	C
204	SUB-15-00010-SWJ-137-B	Filter Fabric (Geotextile)	sample	February 28, 2016	March 6, 2016	A
205	SUB-15-00010-SWJ-138-A	Manhole Covers/ Haddad "750mm"	Material-CPS	January 3, 2016	January 19, 2016	B
206	SUB-15-00010-SWJ-138-B	Manhole Covers/ Haddad "750mm"	Material-CPS	January 26, 2016	February 17, 2016	C
207	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
208	SUB-15-00010-MTB-140-A	Dilapidation Survey-(Al Mutilla Booster Station)	Pre-Construction	January 3, 2016	January 17, 2016	C
209	SUB-15-00010-MTB-140-B	Dilapidation Survey-(Al Mutilla Booster Station)	Pre-Construction	February 14, 2016	February 17, 2016	A
210	SUB-15-00010-SWJ-141-A	Method Statement for Crack Injection(Wet or Dump Conditions)	Method Statement	January 4, 2016	February 1, 2016	A
211	SUB-15-00010-JLR-142-A	At Grade 1000 m3 Jalqamus Reservoir Structural Shop Drawings	Shop Drawing	January 4, 2016	February 1, 2016	C
212	SUB-15-00010-JLR-142-B	At Grade 1000 m3 Jalqamus Reservoir Structural Shop Drawings	Shop Drawing	February 16, 2016	February 28, 2016	B
213	SUB-15-00010-JLR-142-C	At Grade 1000 m3 Jalqamus Reservoir Structural Shop Drawings	Shop Drawing	February 29, 2016	March 3, 2016	A
214	SUB-15-00010-TJT-143-A	Telfit-Jalqamus Transmission Pipeline-Dilapidation Survey	Pre-Construction	January 6, 2016	January 18, 2016	C
215	SUB-15-00010-TJT-143-B	Telfit-Jalqamus Transmission Pipeline-Dilapidation Survey	Pre-Construction	February 14, 2016	February 17, 2016	A
216	SUB-15-00010-JMT-144-A	Jalqamus-AL Mughayyir Force Line-Dilapidation Survey	Pre-Construction	January 6, 2016	January 18, 2016	C
217	SUB-15-00010-JMT-144-B	Jalqamus-AL Mughayyir Force Line-Dilapidation Survey	Pre-Construction	February 28, 2016	March 10, 2016	A
218	SUB-15-00010-SWJ-145-A	Base Course Material-Source Approval	Material-CPS	January 6, 2016	January 17, 2016	A
219	SUB-15-00010-SWJ-146-A	Steel Reinforcement Test Reports-Israel-12+16+18	Material-CPS	January 6, 2016	January 19, 2016	A
220	SUB-15-00010-SWJ-147-A	Vapor Retarder	Sample	January 6, 2016	January 18, 2016	A
221	SUB-15-00010-ARR-148-A	Arraba Reservoir Mechanical Shop Drawings	Shop Drawing	January 6, 2016	January 27, 2016	C

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No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
222	SUB-15-00010-SWJ-149-A	Method Statement for Relocation Trees Within ROW	Pre-Construction	January 6, 2016	January 19, 2016	B
223	SUB-15-00010-SWJ-150-A	Shop Drawing For Precast Manhole 1.20X1.20 m & 1.50×1.50 m	Shop Drawing	January 7, 2016	January 27, 2016	C
224	SUB-15-00010-SWJ-150-B	Shop Drawing For Precast Manhole 1.20X1.20 m & 1.50×1.50 m	Shop Drawing	February 11, 2016	February 23, 2016	A
225	SUB-15-00010-SWJ-151-A	Swellable Water Stop (SW10) Method Statement	Method Statement	January 9, 2016	January 27, 2016	C
226	SUB-15-00010-SWJ-151-B	Swellable Water Stop (SW10) Method Statement	Method Statement	February 8, 2016	February 23, 2016	C
227	SUB-15-00010-JLR-152-A	Shop Drawing for Retaining Wall for Jalqamus Reservoir	Shop Drawing	January 9, 2016	January 27, 2016	B
228	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
229	SUB-15-00010-ARR-153-A	At Grade 2000 m3 Arraba Reservoir Formwork Drawings	Shop Drawing	January 10, 2016	January 20, 2016	B
230	SUB-15-00010-KRR-154-A	Site Layout For Kafer Ra'i Reservoir	Shop Drawing	January 10, 2016	February 8, 2016	A
231	SUB-15-00010-SWJ-155-A	Welder's Qualification Testing Report	Pre-Construction	January 10, 2016	January 17, 2016	C
232	SUB-15-00010-SWJ-156-A	ArcEyes Lab - Welding and Welders Qualification Agency	Material-Mec	January 10, 2016	January 14, 2016	A
233	SUB-15-00010-SWJ-157-A	Radiographic Third Party Testing Lab-Morex & Gabi Shoef	Material-Mec	January 10, 2016	January 14, 2016	A
234	SUB-15-00010-SWJ-158-A	Pipe Heat Shrinkable Sleeve and Tape	Material-Mec	January 12, 2016	January 18, 2016	C
236	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
237	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
238	SUB-15-00010-MTR-160-A	Geotechnical Inspection Report For Al Mutilla Reservoir	Pre-Construction	January 13, 2016	January 27, 2016	A
239	SUB-15-00010-JLR-161-A	At Grade 1000 m3 Jalqamus Reservoir Piping Plan & Sections	Material-Mec	January 13, 2016	February 3, 2016	C
240	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
241	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
242	SUB-15-00010-KFR-164-A	Shop Drawing For Retaining Wall For Kuferit Reservoir	Shop Drawing	January 18, 2016	February 15, 2016	B
243	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
244	SUB-15-00010-KFR-165-A	At Grade 500 m3 Kuferit Reservoir Structural Shop Drawings	Shop Drawing	January 19, 2016	February 1, 2016	C
245	SUB-15-00010-KFR-165-B	At Grade 500 m3 Kuferit Reservoir Structural Shop Drawings	Shop Drawing	February 16, 2016	February 29, 2016	B
247	SUB-15-00010-AJR-166-A	At Grade 1000 m3 Ajja Reservoir Structural Shop Drawings	Shop Drawing	January 20, 2016	February 1, 2016	C
248	SUB-15-00010-AJR-166-B	At Grade 1000 m3 Ajja Reservoir Structural Shop Drawings	Shop Drawing	February 16, 2016	March 8, 2016	B
250	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
251	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
253	SUB-15-00010-SWJ-168-A	Flash Beacon	Material-Elec	January 20, 2016	February 7, 2016	A
254	SUB-15-00010-SWJ-169-A	Earthing Manhole	Material-Elec	January 20, 2016	February 7, 2016	A

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No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
255	SUB-15-00010-SWJ-170-A	Dismantling Joints-PN16-25 (Alternative)	Material-Mec	January 20, 2016	February 7, 2016	A
256	SUB-15-00010-SWJ-171-A	Dismantling Joints-(Alternative)	Material-Mec	January 20, 2016	February 7, 2016	A
257	SUB-15-00010-SWJ-172-A	Steel Fence & Post for Reservoir and Booster Station- With Samples	Sample	January 21, 2016	February 7, 2016	C
258	SUB-15-00010-SWJ-172-B	Steel Fence & Post for Reservoir and Booster Station- With Samples	Sample	February 9, 2016	February 15, 2016	C
260	SUB-15-00010-JLT-173-A	Dilapidation Survey-Jalqamus Transmission Pipeline	Pre-Construction	January 24, 2016	February 8, 2016	A
261	SUB-15-00010-KFR-174-A	Dilapidation Survey- Kuferit Reservoir	Pre-Construction	January 24, 2016	February 8, 2016	A
262	SUB-15-00010-SWJ-175-A	At Grade 1000 m3 Reservoir Form Work Drawings	Shop Drawing	January 24, 2016	February 1, 2016	B
263	SUB-15-00010-SWJ-176-A	Steel Pipes Schedule 40 (6"-8"-10")	Material-Mec	January 24, 2016	February 7, 2016	A
264	SUB-15-00010-SWJ-177-A	Alternative Bermad Combination Air Valve 2",3 " & 4"	Material-Mec	January 24, 2016	February 7, 2016	D
265	SUB-15-00010-SWJ-178-A	Flanged Ball Valves DN 50	Material-Mec	January 24, 2016	February 7, 2016	C
266	SUB-15-00010-SWJ-178-B	Flanged Ball Valves DN 51	Material-Mec	February 10, 2016	February 25, 2016	A
267	SUB-15-00010-SWJ-179-A	BCI 8m Mast for SCADA System	Material-Elec	January 24, 2016	February 15, 2016	A
268	SUB-15-00010-KFR-180-A	At Grade 500 m3 Kuferit Reservoir Formwork Drawings	Shop Drawing	January 24, 2016	February 1, 2016	B
269	SUB-15-00010-SWJ-181-A	SW Jenin RTU submittal	Material-elec	January 24, 2016	February 22, 2016	C
270	SUB-15-00010-SWJ-182-A	RCS submittal	Material-Elec	January 26, 2016	February 22, 2016	A
271	SUB-15-00010-SWJ-183-A	BCI qualification	Material-Elec	January 26, 2016	February 22, 2016	E
272	SUB-15-00010-AJR-184-A	Shop Drawing for Retaining Wall For Ajja Reservoir	Shop Drawing	January 26, 2016	February 16, 2016	B
273	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
274	SUB-15-00010-SWJ-185-A	Alternative for Relocation of Existing Pipes	Material-Mec	January 26, 2016	February 8, 2016	A
275	SUB-15-00010-SWJ-186-A	Testing Laboratory CV's Al Shamal Laboratory	Pre-Construction	January 27, 2016	February 16, 2016	A
276	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
277	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
278	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
279	SUB-15-00010-SWJ-189-A	Detour For Arraba Reservoir	Pre-Construction	January 27, 2016	February 1, 2016	C
280	SUB-15-00010-SWJ-189-B	Detour For Arraba Reservoir	Pre-Construction	February 3, 2016	February 7, 2016	A
281	SUB-15-0010-KRR-190-A	Shop Drawing for Retainig Wall for Kafer Ra'I Reservoir	Shop Drawing	January 27, 2016	February 15, 2016	C
282	SUB-15-00010-SWJ-191-A	Instrument Cable Equipment Submittal	Material-Mec	January 27, 2016	February 22, 2016	A
283	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
285	SUB-15-00010-SWJ-193-A	Seismic Cans – With Sample	Sample	January 28, 2016	February 15, 2016	A
286	SUB-15-00010-SWJ-194-A	Manhole Puddle Flange-With Sample	Sample	January 28, 2016	February 7, 2016	D

TASK ORDER SUBMITTALS LOG

No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
287	SUB-15-00010-SWJ-194-B	Manhole Puddle Flange-With Sample	Sample	February 15, 2016	February 25, 2016	C
288	SUB-15-00010-SWJ-194-C	Manhole Puddle Flange-With Sample	Sample	February 29, 2016	March 14, 2016	A
289	SUB-15-00010-JLR-195-A	Shop Drawing for Jalqamus Reservoir Access Road Plan, Profile & SectionsFrom STA. 0+000 – 0+190	Shop Drawing	January 31, 2016	February 23, 2016	B
290	SUB-15-00010-ARR-196-A	Arraba Feed Line Relocation	Shop Drawing	January 31, 2016	February 17, 2016	E
291	SUB-15-00010-SWJ-197-A	Adjustable Support for Pipes & Fittings Inside Chambers –Sample	Sample	January 31, 2016	February 11, 2016	D
292	SUB-15-00010-ARR-198-A	Geotechnical Inspection Report For Arraba Reservoir	Pre-Construction	January 31, 2016	February 22, 2016	E
293	SUB-15-00010-KFR-199-A	Traffic Plan Kuferit For Reservoir	Pre-Construction	February 1, 2016	February 23, 2016	A
294	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
295	SUB-15-00010-AJR-201-A	Modefied Layout for Ajja Reservoir	Shop Drawing	February 3, 2016		Pending
296	SUB-15-00010-SWJ-202-A	Reservoir Access Man way Material	Material-Mec	February 3, 2016	February 11, 2016	C
297	SUB-15-00010-SWJ-202-B	Reservoir Access Man way Material	Material-Mec	February 15, 2016	February 25, 2016	A
298	SUB-15-00010-MTT-203-A	Dilapidation Survey-Al Mutilla Transmission PipeLine	pre-Construction	February 7, 2016	February 10, 2016	A
299	SUB-15-00010-SWJ-204-A	Alternative Electrical Conduits-Steel Pipes	Material-Elec	February 8, 2016	February 23, 2016	C
300	SUB-15-00010-SWJ-204-B	Alternative Electrical Conduits-Steel Pipes	Material-Elec	February 24, 2016	March 3, 2016	A
301	SUB-15-00010-SWJ-205-A	Radio path study	Material-Elec	February 8, 2016	February 23, 2016	E
302	SUB-15-00010-ARR-206-A	Arraba 2000m3 Reservoir Thimble Plan	Material-Mec	February 8, 2016		Retracted
303	SUB-15-00010-ARR-206-A	Arraba 2000m3 Reservoir Thimble Plan	Material-Mec	February 28, 2016	March 10, 2016	B
304	SUB-15-00010-KFR-207-A	Excavation Plan For Kufeirit Reservoir	Shop Drawing	February 9, 2016	February 25, 2016	B
305	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
306	SUB-15-00010-JLR-209 -A	Geotechnical Inspection Report For Jalqamus Reservoir	Pre-Construction	February 9, 2016	February 23, 2016	E
307	SUB-15-00010-ARR-210-A	Arraba 2000 m3 Reservoir Under Drain Plan	Shop Drawing	February 10, 2016	March 6, 2016	B
309	SUB-15-00010-SMT-211-A	Sanur Connection Champers Shop Drawings	Shop Drawing	February 11, 2016	March 6, 2016	C
311	SUB-15-00010-SWJ-212-A	Booster Pump Flow Meter	Material-Elec	February 11, 2016	March 8, 2016	D
312	SUB-15-00010-SWJ-213-A	Reservoirs Flow Meter	Material-Elec	February 11, 2016	March 8, 2016	D
313	SUB-15-00010-SWJ-214-A	DC Flow Meter with GSM	Material-Elec	February 11, 2016	March 8, 2016	C
314	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
315	SUB-15-00010-JLR-216-A	Jalqamus 1000m3 Reservoir Thimble & Under Drain Plan	Material-Mec	February 14, 2016	March 6, 2016	B
317	SUB-15-00010-SWJ-217-A	Pressure transmitter submittal	Material-Elec	February 16, 2016	February 25, 2016	C
318	SUB-15-00010-SWJ-218-A	Level Transmitter submittal	Material-Elec	February 16, 2016	March 10, 2016	C

TASK ORDER SUBMITTALS LOG

No.	Submittal No.	Description	Submittal Classification	Submitted Date	Response Date	Status
319	SUB-15-00010-SWJ-219-A	Receptacles & Switches	Material-Elec	February 16, 2016	March 6, 2016	B
320	SUB-15-00010-KRR-220-A	Traffic Plan for Kafer Ra'I Reservoir	Pre-Construction	February 17, 2016	February 25, 2016	A
321	SUB-15-00010-SWJ-221-A	Installation Testing of CP Reference Electrodes Test Station	Material-Mec	February 21, 2016	March 22, 2016	D
322	SUB-15-00010-SWJ-222-A	Stainless Steel Bolts and Nuts	Material-Mec	February 21, 2016	March 15, 2016	C
324	SUB-15-00010-SWJ-223-A	Flanged Ball Valve	Material-Mec	February 21, 2016	March 8, 2016	A
325	SUB-15-00010-TJT-224-A	Traffic Plan for Talfit Jalqamus Pipeline	Pre-Construction	February 21, 2016	March 8, 2016	B
326	SUB-15-00010-SMT-225-A	Sanur Meithalun Flow Monitoring Vault Shop Drawings	Shop Drawing	February 21, 2016	March 14, 2016	C
328	SUB-15-00010-KFR-226-A	Dilapidation Survey For Kuferit Force Line	Pre-Construction	February 24, 2016	March 10, 2016	A
329	SUB-15-00010-SWJ-227-A	UPVC pipes and fittings	Material-Mec	February 24, 2016	March 8, 2016	A
330	SUB-15-00010-KRR-228-A	Proposed Site Layout for Kafer Ra'i Reservoir	Shop Drawing	February 24, 2016	March 15, 2016	B
331	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
332	SUB-15-00010-KRR-230-A	At Grade 1000 m^3 Kafer Ra'i Reservoir Earthing and Site Layout Electrical Shop Drawings	Shop Drawing	February 25, 2016	March 6, 2016	C
333	SUB-15-00010-SWJ-231-A	760 mm Access Manway Fabrication Details	Material-Mec	February 28, 2016	March 13, 2016	A
334	SUB-15-00010-SWJ-232-A	SikaTop Seal 107 Material For Internal coating	Method Statement	February 29, 2016	March 21, 2016	C
336	SUB-15-00010-SWJ-233-A	PVC Water Stop (Supercast Watafoil 150) Method Statement	Method Statement	February 29, 2016	March 6, 2016	A

Annex J – Request For Information Log

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

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	Pending
8	RFI-15-00010-KRR-C-E-008	SWJ	Differing Site Conditions -Kafeior Raie Existing pipe line.	February 18, 2016	Pending
9	RFI-15-00010-SWJ-C-E-009	SWJ	PVC SCH 80 pipes and fittings	February 23, 2016	Retracted
10	RFI-15-00010-SWJ-C-E-010	SWJ	Flow Meters for Reservoir and Champers -System upgrade proposal	February 29, 2016	Pending

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

OUTGOING EMAILS LOG

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

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

OUTGOING EMAILS LOG

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

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

OUTGOING EMAILS LOG

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 & Hijjawi	Ghassan Alami	Morganti	Kamal Kasbary	USAID	January 7, 2016

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

OUTGOING EMAILS LOG

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

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

OUTGOING EMAILS LOG

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

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

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
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 & Hijjawi	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

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
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

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
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

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
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
3	TMGI-15-00010-IN-0024	Monthly Report GEO-MIS reporting summary sheet	Kamal Kasbary	USAID	Tharwat Abu Baker	Morganti	February 29, 2016

Annex L - Payments schedule

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

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: March 31, 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 **													
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			Female	Male	
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	
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	
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	
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										0	0.000			
May	2016										0	0.000			
June	2016										0	0.000			
July	2016										0	0.000			
August	2016										0	0.000			
September	2016										0	0.000			
Subtotal FY 2016		406.125	187.125	716.750	231.500	778.125	660.750	217.625	206.875	193.125	3598.00	151.18	192.75	3405.25	
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		**406.125**	**187.125**	**716.750**	**231.500**	**778.125**	**660.750**	**217.625**	**206.875**	**193.125**	**3598.00**	**151.18**	**192.75**	**3405.25**	

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
Temproray 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 **												
Month	Kuferit Reservoir	Ajja Reservor	Jalqamous Reservoir	Kafer Ra'a Resevoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks, note below	Chambers rehabilitations		Female	Male	
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**	

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
Temproray 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												
Month	Kuferit Reservoir	Ajja Reservor	Jalqamous Reservoir	Kafer Ra'a Resevoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks, note below	Chambers rehabilitations		Female	Male	
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	

USAID WEST BANK/ GAZA
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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
Temproray 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												
Month	Kuferit Reservoir	Ajja Reservor	Jalqamous Reservoir	Kafer Ra'a Resevoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks, note below	Chambers rehabilitations		Female	Male	
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 NO.: AID-294-TO-15-00010
TASK ORDER SHORT NAME: SWJ
Temproray Job Days Report

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												
Month	Kuferit Reservoir	Ajja Reservor	Jalqamous Reservoir	Kafer Ra'a Resevoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks, note below	Chambers rehabilitations		Female	Male	
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 SHORT NAME: SWJ
Temproray Job Days Report

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												
Month	Kuferit Reservoir	Ajja Reservor	Jalqamous Reservoir	Kafer Ra'a Resevoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks, note below	Chambers rehabilitations		Female	Male	
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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Temproray 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												
Month	Kuferit Reservoir	Ajja Reservor	Jalqamous Reservoir	Kafer Ra'a Resevoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks, note below	Chambers rehabilitations		Female	Male	
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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TASK ORDER SHORT NAME: SWJ
Temproray 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												
Month	Kuferit Reservoir	Ajja Reservor	Jalqamous Reservoir	Kafer Ra'a Resevoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks, note below	Chambers rehabilitations		Female	Male	
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**	

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TASK ORDER SHORT NAME: SWJ
Temproray 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												
Month	Kuferit Reservoir	Ajja Reservor	Jalqamous Reservoir	Kafer Ra'a Resevoir	Arraba Reservoir	Al Matilla Reservoir and booster station	Sanur Meithalon Main Transmission Pipeline	Main Transmission's and Local Networks	Chambers rehabilitations		Female	Male	
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**	