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Local Construction Program (LCP)
Task Order No.: AID-294-TO-14-00002
Contract No.: AID-294-I-00-13-00002

**RAS AL TAWIL & AL 'UDDEISA WATER
INFRASTRUCTURE PHASE 1A AND AL SAFI BOOSTER
STATION – PHASE I PIPELINE CONNECTION**

MONTHLY PROGRESS REPORT

From May 01, 2015 to May 31, 2015

**Prepared By:
SAQQA AND KHOUDARY CO. LTD.**

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List of Abbreviations

CD	Calendar Day
CE	Chief Engineer
CEng	Contracts Engineer
CMC	Construction Management Contractor
CO	Contracting Officer
COB	Close of Business
COP	Chief of Party
COR	Contracting Officer Representative
CQC	Contractor Quality Control
CQCP	Contractor Quality Control Program
CRMP	Construction Risk Management Plan
CV	Curriculum Vita
DCL	District Civil Liaison
FO	Field Order
IQC	Indefinite Quantities Contract
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
SAK	Saqqa and Khoudary General Contracting co.
TO	Task Order
TOL	Task Order Leader
TOM	Task Order Manager
SOP	Standard Operating Procedure
USAID	United States Agency for International Development
VO	Variation Order
VOR	Variation Order Request
WBG	West Bank Gaza
WBWD	West Bank Water Department



1. Task Order Overview:

1.1. Background

The USAID West Bank and Gaza, Local Construction Program (LCP) is designed to support U.S. Government efforts with the peace process by improving Palestinian access to basic infrastructure and services throughout the West Bank, and if conditions and funding permit, in Gaza.

Water Infrastructure in the West Bank suffers from years of neglect and lack of investment. The USAID Mission's Local Construction Program (LCP) focuses on the rehabilitation or construction of roads, water, wastewater, and buildings construction projects. This project is the first water project under Local Construction Program (LCP).

1.2. Project Objective

The objective of this task order is to improve water supply distribution capacity and flexibility in the West Bank Water Department's (WBWD) southern area of operations. Specifically the project will improve distribution of water from the Halhul Reservoir and improve supply to Bani Naim and Yatta communities.

1.3. Statement Of Work

- Installation of approximately 5 km of 500-mm diameter steel pipe transmission main from Halhul connection to Bani Naim connection along the Bani Naim – Sair – Al-'Uddeisa Road.
- Installation of approximately 5 km of 150-mm diameter steel pipe supply pipeline.
- Installation of related accessories including a service connection to Bani Naim Reservoir and three flow meter vaults.
- Installation of emergency service connections at Ras Al Tawil & Al 'Uddeisa villages.
- A 16-inch yard-pipe connection from an adjacent 36-inch PWA supply pipeline to the Al Safi Booster Station balance tank.
- Installation of related accessories at the Al Safi Booster Station including valves, and minor electrical/SCADA improvements.



1.4. Overview Map

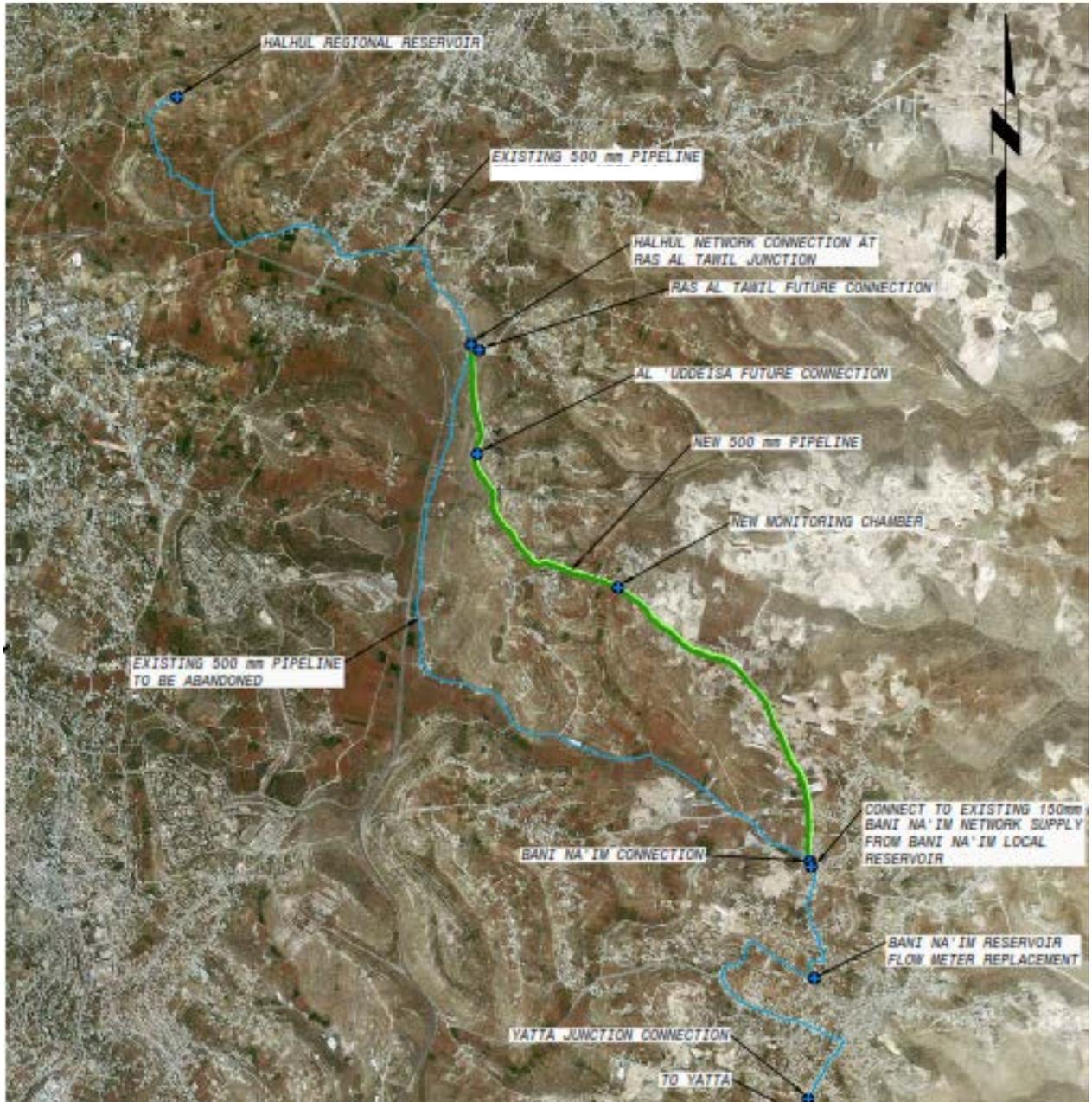


Figure 1: RAS AL TAWIL & AL 'UDDEISA WATER INFRASTRUCTURE PHASE 1A



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Figure 2: AL SAFI BOOSTER STATION – PHASE I PIPELINE CONNECTION



2. Task Order Key Data

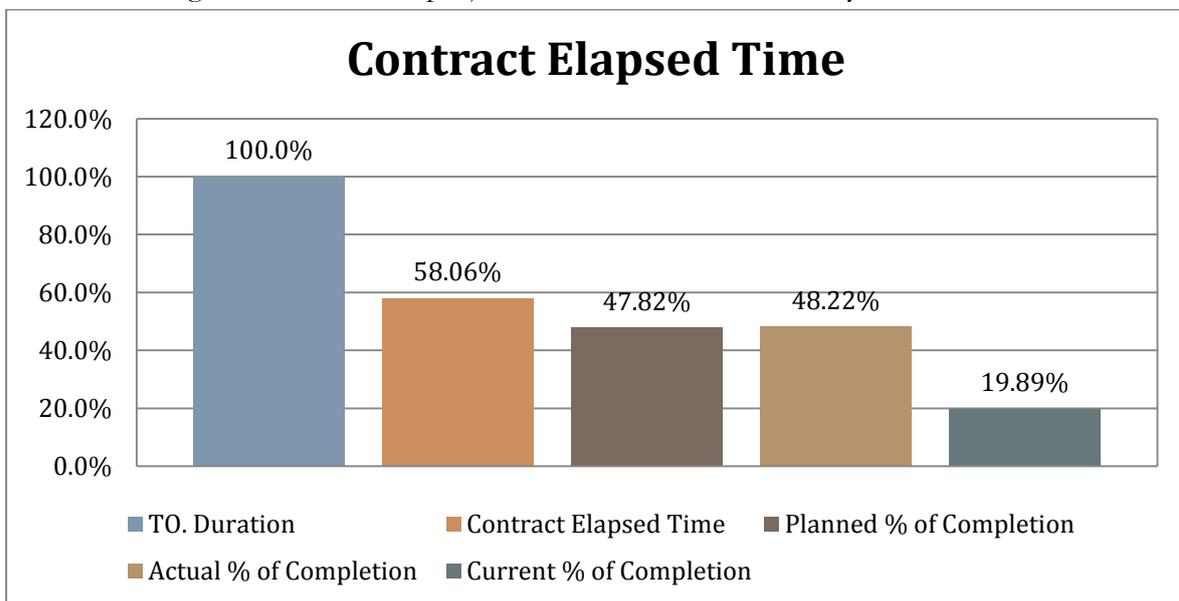
Task Order Name	RAS AL TAWIL & AL 'UDDEISA WATER INFRASTRUCTURE PHASE 1A AND AL SAFI BOOSTER STATION – PHASE I PIPELINE CONNECTION
Contract Number	AID-294-I-00-13-00002
Task Order Number	AID-294-TO-14-00002
Owner	Palestinian Water Authority (PWA)
Client	USAID West Bank and Gaza
Contractor	Saqqa and Khoudary Co. Ltd. (SAK)
CMC	Black and Veatch (BV)
Task Order Contract Value	\$4,462,836.00
Project Total Amount	\$4,242,836.00
Day work amount	\$220,000.00
Modified Project Total Amount	\$4,393,973.80
Modified Day work Amount	\$68,862.20
Notice To Proceed	November 04, 2014
Period Of Performance	360 calendar day
Contractual Completion Date	October 29, 2015
Approved Time Extensions	---
Modified Completion Date	---
Estimated Completion Date	October 29, 2015
Start of Construction (Ground Breaking)	January 31, 2015
Project Key Personnel	<ul style="list-style-type: none"> • Swilem Mosallam-Task Order Manager • Hussam Milhem-Quality Control Manager • Majd Mashaala-Safety &Environmental Compliance Officer. • Ahmad Al Al Halawani-Project Engineer. • Loay Hannoneh-Certified Welding Inspector. • Nidal Abu Arqoob: Project Engineer.



3. Project Dashboard Status

Contract Elapsed Time as of May 31, 2015 [%]	58.06 %
Planned Percentage of Completion through May 31, 2015 [%]	47.82 %
Actual Percentage of Completion through May 31, 2015 [%]	48.22 %
Current Percentage of Completion through May 31, 2015 [%]	19.89 %
Float (Days)	Zero

The following chart reflects the project dashboard status as of May 31, 2015:



4. Safety Status

4.1. Safety Plan and Measures

To achieve the desired goal of "Zero Losses" Saqqa and Khoudary Company promulgates specific Safety Plan. This Safety Plan incorporates the belief that Quality, Production, Efficiency, and Safety shall be planned into each job and each shall have EQUAL importance in the execution of this project. This program will enhance our effort at achieving "Zero Losses" and avoid employee injury, property damage, loss production, and occupational illnesses.

Safety Plan was submitted on November 09, 2014 that consists of SAK's plan to implement and monitor safety measures before and during construction work. The CMC requested to review and resubmit the safety plan; therefore Saqqa and Khoudary resubmitted the modified safety plan on December 01, 2014 and it was accepted by CMC on December 08, 2014.

An Updated Safety Plan was submitted on February 10, 2015, and it was accepted by CMC on February 11, 2015. Another Updated Safety Plan was submitted on March 05, 2015 and it was accepted by CMC on March 05, 2015.



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During April, 2015, an Updated Safety Plan was submitted to CMC on April 12, 2015 and it was it was accepted on April 14, 2015.

During this reporting period there were no updated safety plan submittals submitted to CMC.

4.2. Safety Meetings

Saqqa and Khoudary conducted the following safety tool box meeting during May, 2015 :

Safety Tool Box Meeting Log			
No.	Meeting No.	Submitted Date	Subject
1	STBM-14-00002-UDSI-015	May 7, 2015	Safety Measures during installation of pipeline
2	STBM-14-00002-UDSI-016	May 25, 2015	Safety Measures regarding kids existence around construction area

4.3. Accident Status

No accidents were reported during this reporting period.

4.4. Notice of Unsafe Condition

No Notices of Unsafe Condition (NUCs) were issued during this reporting period

4.5. Safety Conclusion

As per the signed executed task order document and prior to starting any work, the Contractor shall submit safety plan for CMC's review and approval. Therefore; a comprehensive safety plan was submitted on November 09, 2014 as one of the preconstruction submittals. The CMC requested to review and resubmit the safety plan; therefore Saqqa and Khoudary resubmitted the modified safety plan on December 01, 2014 and it was approved by CMC on December 08, 2014. An updated Safety Plan was also submitted on February 10, 2015 and it was approved by CMC on February 11, 2015. Another update from safety plan submitted on March 05, 2015 and it was approved by CMC on March 05, 2015

During during April, 2015, an Updated Safety Plan was submitted to CMC on April 12, 2015 and it was it was accepted on April 14, 2015.

Many safety reports were also issued during this month:

- Risk Assessment Report (Two reports).

During the construction activities at site all safety measures were implemented prior commencement of any work.



5. Traffic Control

5.1. Traffic Control Plan

The project work area is located entirely in Area B and C, therefore; coordination is required with local councils and the District Civil Liaison Offices (DCL) and any other relevant authority or utility that has jurisdiction over any portion of the works.

The Traffic Control Plan for our Project divided into the following phases:

1. **Segment No.1: (STA: 1+000 to STA: 2+100)**
 2. **Segment No.2: (STA: 2+100 to STA: 3+880)**
 3. **Segment No.3: (STA: 3+880 to STA: 5+597) - Area C**
- For road segment No.1: (STA: 1+000 to STA: 2+100) that are located in Area B, copies were prepared, stamped and approved by the local authorities and submitted to the CMC through submittal no. SUB-14-00002-UDSI-042-A dated on December 08, 2014. The CMC reviewed and approved the Traffic Control Plan for segment No.1 from STA: 1+000 to STA: 2+100 on December 18, 2014.
- An Updated Traffic Control Plan was submitted to CMC on April 15, 2015 and it was returned with action A-No Exceptions Noted on April 15, 2015
- For Road segment No.2 (STA: 2+100 to STA: 3+880) that are located in Area B, copies were prepared, stamped and approved by the local authorities and submitted to the CMC as per. SUB-14-00002-UDSI-137-A, dated on March 05, 2015. Consequently, the CMC reviewed and accepted it on March 12, 2015
- For road segment No.3 (from STA: 3+880 to STA: 5+597): located in Area C, the required traffic control plan was prepared and submitted to the related Israeli authorities for approval on December 30, 2014. In addition, several coordination meetings was scheduled with related authorities to finalize this critical issue (for more information, please refer to Item 10), the aforementioned plan was prepared, stamped and approved by the local authorities and submitted to the CMC as per SUB-14-00002-UDSI-148-A dated on March 24, 2015. Consequently, the CMC reviewed and accepted it on March 26, 2015
- Traffic Control Plan for Bani Naim Reservoir Area (Area B): Copies were prepared, stamped and approved by the local authorities and submitted to the CMC as per. SUB-14-00002-UDSI-109-A, dated on January 26, 2015. Consequently, the CMC reviewed and approved it with action B-Make Corrections Noted -on January 29, 2015. Sak addressed the comments and resubmitted it to the CMC as per SUB-14-00002-UDSI-109-B dated on March 29, 2015. The CMC reviewed the submittal and accepted it on March 30, 2015.



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- Traffic Control Plan for Al- Safi Booster Station: Copies were prepared, stamped and approved by the local authorities and submitted to the CMC as per SUB-14-00002-UDSI-111-A, dated on January 28, 2015. The CMC reviewed and accepted the Traffic Control Plan on February 10, 2015.
- Traffic Control Plan for Yatta Junction: Copies were prepared, stamped and approved by the local authorities and submitted to the CMC as per SUB-14-00002-UDSI-115-B, dated on February 01, 2015. The CMC reviewed and returned the Traffic Control Plan with Action C-Revise-Resubmit on February 02, 2015. Accordingly; a revised Traffic Control Plan was submitted to the CMC on February 16, 2015. Consequently the CMC reviewed the new submittal and accepted it on February 25, 2015.
- A Full Set from the approved traffic control plan was submitted to the CMC on March 29, 2015 for their review.

There were no monthly updates for traffic control plan during this reporting period.

5.2. Traffic Control Measures

The required Traffic Control measures for the approved Segment No.1 from Sta.1+000 to Sta. 2+100, Segment No.2 from Sta.2+100 to Sta. 3+880, Segment No3 from Sta.3+880 to Sta. 5+597, Bani Naim Reservoir, Al Safi Booster Station and Yatta Junction were posted.

6. Mitigation, Monitoring and Environmental Compliance

The Environmental Mitigation and Monitoring Plan submittal was submitted to the CMC on November 06, 2014 as one of preconstruction submittals. The CMC review the submittal and returned it with Action C- Revise and resubmit. Accordingly; a revised Environmental Mitigation and Monitoring Plan was submitted to the CMC on December 07, 2014. Consequently the CMC reviewed the new submittal and accepted it on December 10, 2014.

An updated Environmental Mitigation and Monitoring Plan submittal was submitted to the CMC on February 09, 2015. Consequently the CMC reviewed and accepted the Updated Environmental Mitigation and Monitoring Plan with Action B-Make Corrections Noted-on February 11, 2015. A revised submittal was submitted on March 26, 2015 and it was accepted on March 26, 2015.

During this reporting period, an updated Environmental Mitigation and Monitoring Plan submittal was submitted to the CMC on April 14, 2015. Consequently the CMC reviewed and approved the Updated Environmental Mitigation and Monitoring Plan on April 16, 2015

No environmental issue was reported during the current reporting period. On the other hand, SAK will monitor the impact of construction activities on surrounding area.

A monthly update for the Environmental Mitigation and Monitoring Plan will be submitted to CMC.

7. Construction Risk Management

During November reporting period Saqqa and Khoudary Co. Ltd. carried out a comprehensive dilapidation survey along the proposed pipeline alignment and Al-safi Booster station in order to



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record the existing site conditions and to prepare a comprehensive Risk Management plan. The aforementioned plan was submitted to the CMC on December 16, 2014 for review and was approved on December 22, 2014.

An updated Construction Risk Management Plan submittal was submitted to the CMC on February 10, 2015. Consequently the CMC reviewed and approved the Updated Construction Risk Management Plan on February 11, 2015.

There were no monthly updates for Risk Management Plan during this reporting period.

A monthly update for the Construction Risk Management Plan will be submitted to CMC.

8. Community Outreach

As per signed executed task order contract, three temporary project signs should be furnished and installed on approved locations. The required temporary signs were submitted and approved. The approved temporary signs were supplied and installed on the approved locations on December 11, 2014.

Furthermore; Saqqa and Khoudary Co. Ltd. received approval form USAID for the project's Flyers. The approved Flyers were printed and distributed to the public on January 04, 2015.

There were no community outreach meetings during this reporting period.

9. Gender Consideration

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.

Saqqa and Khoudary Co. Ltd. has hired a female office engineer since November, 2014 and she is still working till this reporting period.

10. Meetings and Coordination activities

Several coordination meetings with local councils and utility owners were conducted during this reporting period as detailed in the following table:

Coordination Meeting			
Date	Attendees	Subject	Description
2-May-15	B&V- Rabah Najajreh and Ibrahim Halahleh SAK- Swilem Mosallam, Hussam Milhem and Nedal Abo Arqoob. Bani Naim Municipality - Mahmoud Ismail Manasrah	Coordination Meeting	Coordination meeting was conducted with Bani Naim municipality regarding Chambers locations



4-May-15	USAID - Kamal Kasbary B&V – Rabah Najajreh, Abdel Kareem Siag, Adnan Azazmeh, Talal Najjar , Manal Azazmeh SAK – Swilem Msalam , Hussam Mihem, Ruba Abu Hamdiya, Muwafaq Abu Zeineh PWA - Taher Safi	Biweekly Meeting	Bi-weekly meeting #11 was conducted at B&V Sa’er Office to follow up work progress
6-May-15	Paltel- Basem Atrash, Mohamed Amro and Mohamed Abu Hawwash BV-Rabah Najajreh, Ahmed Hrebat SAK- Swilem Mosallam, Hussam Milhem and Ahmed Halawani	Coordination Meeting	Coordination meeting conducting with PALTEL Regarding fiber cable (Saeer Office)
18-May-15	USAID - Kamal Kasbary B&V – Rabah Najajreh, Abdel Kareem Siag, Adnan Azazmeh, Talal Najjar , Manal Azazmeh SAK – Swilem Msalam , Hussam Mihem, Ruba Abuhamdiya, Saleem Tafish PWA - Taher Safi	Bi-weekly Meeting	Bi-weekly meeting #12 was conducted at B&V Sa’er Office to follow up work progress
19-May-15	Sa’er Municipality - Shehdeh Froukh B&V - Rabah Najajreh SAK - Swilem Musalam, Hussam Mihem	Coordination Meeting	Coordination meeting was conducted between Black & Veatch, SAK & Sa’er Municipality regarding damages of 2" water house connections.

11. Site Visits

The following table summarizes the list of site visits that took place during this reporting period:

Site Visits			
Date	Company	Location	Description
May 04, 2015	USAID -Eng. Kamal Kasbary PWA -Eng. Taher Safi	B&V Sa’er Office & Site Office	Site Visit / Follow up Work
May 16, 2015	USAID -Eng. Kamal Kasbary	B&V Sa’er Office & Site Office	Site Visit



May 18, 2015	USAID -Eng. Kamal Kasbary PWA -Eng. Taher Safi	B&V Sa'er Office & Site Office	Site Visit / Follow up Work
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12. Procurement Status

12.1. Procurement activities

During the current reporting period, Saqqa and Khoudary Company ordered some flanges. The following table summarizes the status of the procured activities during the current reporting period:

PROCUREMENT SCHEDULE FOR CONSTRUCTION ACTIVITIES		
Procured items	Date of order	Expected /delivery date
500mm&150 mm Pipes	December 18, 2014	March 07, 2015
Geotextile 1.67 Meter Wide	May 04, 2015	May 23, 2015
Flanged flexible expansion Joints	April 01, 2015	May 30, 2015
Flange insulation kits	April 12, 2015	May 26, 2015
Flange Adapters	March 07, 2015	May 20, 2015
Concrete Manholes	March 21, 2015	May 04, 2015
KSB check & Ball Valves	February 04, 2015	May 30, 2015
Air release valves with	February 6, 2015	April 16, 2015
Pressure gauges	February 07, 2015	May 20, 2015
Hex head bot &nuts&washers	February 07, 2015	June 07, 2015
Fittings(reducers,TEE,Elbows,End caps)	February 08, 2015	April 10, 2015
Steel pipes (3",4",10",12"14" &18")	February 9, 2015	April 01, 2015
Control Valves	February 10, 2015	May 20, 2015
Strainers	February 22, 2015	May 20, 2015
KSB check valves (6" + 4")	February 24, 2015	May 30, 2015
Gaskets	January 13, 2015	January 16, 2015
	January 20, 2015	April 15, 2015
16 " Butterfly Valve	January 17, 2015	June 15, 2015
Gate Valves	January 17, 2015	June 15, 2015
Dismantling Joints	January 17, 2015	June 15, 2015

12.2. Material and Equipment Delivered on Site

The following table consists of all materials delivered to the site during April, 2015:

Material Log		
Date	Material Delivered to Site	Quantity
May 1, 2015		
May 2, 2015	Somsom Material	90.110 ton
	Single Size Material	56.050 ton



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	Base Course Material	114.910 ton
	1.5X1.5X1.8m Pre-Cast Chamber	1 PC
	1.5X1.5X2.0m Pre-Cast Chamber	1 PC
May 3, 2015	Somsom Material	64.850 ton
	Single Size Material	56.930 ton
	Base Course Material	273.970 ton
	Concrete	2.5 m3
	3" Blind Flange	5 PCs
	4" Blind Flange	4 PCs
	8" Blind Flange	2 PCs
May 4, 2015	Somsom Material	119.580 ton
	Single Size Material	108.990 ton
	Base Course Material	301.00 ton
	Concrete Encasement	10 M3
May 5, 2015	Somsom Material	61.170 ton
	Single Size Material	88.410 ton
	Base Course Material	90.374 ton
	Encasement Concrete (6")	1m long
	Encasement Concrete (3")	6.5m long
May 6, 2015	Somsom Material	25.390 ton
	Single Size Material	56.500 ton
	Base Course Material	26.926 ton
	Encasement Concrete (20")	(30 m3)
	20" Steel Pipes (9 Pipes)	109.8 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	10 PCs
	1.5X1.5X1.8m Pre-Cast Chamber	1 PC
	1.5X1.5X2.0m Pre-Cast Chamber	1 PC
May 7, 2015	Somsom Material	89.010 ton
	Single Size Material	57.720 ton
	Base Course Material	121.570 ton
	Concrete (Washout Chamber)	6 m3
	Concrete (F. M. Chamber)	17 m3
	20" Steel Pipes (9 Pipes)	109.8 m long
	6" Steel Pipes (63 Pipes)	768.6 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	10 PCs
	6" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	64 PCs
May 8, 2015		
May 9, 2015	Somsom Material	152.100 ton
	Single Size Material	82.170 ton
	Base Course Material	158.030 ton
	Concrete (Washout Chamber)	1.5 m3
	High Potential Magnesium Anodes 9.1 kg	200 PCs
	Handy Cap IP	213 PCs



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May 10, 2015	Somsom Material	32.114 ton
	Single Size Material	29.140 ton
	Base Course Material	31.117 ton
	20" Steel Pipes (18 Pipes)	219.6 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	19 PCs
May 11, 2015	Somsom Material	162.531 ton
	Single Size Material	54.250 ton
	Base Course Material	29.116 ton
	20" Steel Pipes (9 Pipes)	109.8 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	10 PCs
	6" Steel Pipes (63 Pipes)	768.6 m long
May 12, 2015	6" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	64 PCs
	Somsom Material	30.390 ton
	Single Size Material	84.480 ton
	Base Course Material	110.907 ton
	20" Steel Pipes (18 Pipes)	219.6 m long
May 13, 2015	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	18 PCs
	Somsom Material	316.630 ton
	Single Size Material	284.760 ton
	Base Course Material	90.340 ton
	20" Steel Pipes (9 Pipes)	109.8 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	9 PCs
	1.5X1.5X1.8 Pre-Cast Chamber	2 PCs
	Asphalt Mix	26.400 ton
Concrete	21 m3	
May 14, 2015	Somsom Material	166.245 ton
	Single Size Material	93.000 ton
	Base Course Material	543.790 ton
	Encasement concrete	8.0 m long
May 15, 2015		
May 16, 2015	Somsom Material	100.255 ton
	Single Size Material	63.890 ton
	Base Course Material	32.119 ton
	Encasement concrete	4.15 m long
May 17, 2015	Somsom Material	318.685 ton
	Single Size Material	219.525 ton
	Base Course Material	158.621 ton
	Concrete	15.0 m3
	Filter Fabric (Geotextile)	3655 m long
May 18, 2015	Somsom Material	167.980 ton
	Single Size Material	61.740 ton
	Base Course Material	31.280 ton
	Concrete	4.5 m3



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May 19, 2015	Somsom Material	219.680 ton
	Single Size Material	30.030 ton
	Base Course Material	94.200 ton
	Flange Adapter (DN400/PN16)	2 PCs
	Flange Adapter (DN500/PN16)	2 PCs
	Pressure Gauges (PN25 & PN40)	9 PCs
	6" Bermad Flow Control Valve	1 PC
	10" Bermad Flow Control Valve	2 PCs
	10" Bermad Proportional PRV	2 PCs
	16" Bermad Level Control Valve	1 PC
	PN16 DN150 Strainer / Bermad	1 PC
	PN25 DN250 Strainer / Bermad	2 PC
	Precast Chamber	4 PCs
May 20, 2015	Somsom Material	219.680 ton
	Single Size Material	30.030 ton
	Base Course Material	94.200 ton
	Concrete BFV Chamber	4 PCs
	Encasement Concrete	1.5 m long
May 21, 2015	Somsom Material	401.020 ton
	Single Size Material	146.435ton
	Base Course Material	91.710 ton
	Concrete BFV Chamber	2.5 PCs
	20" Steel Pipes (9 Pipes)	109.8 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	18 PCs
May 22, 2015		
May 23, 2015	Somsom Material	64.119 ton
	Single Size Material	28.114 ton
	Base Course Material	27.125 ton
	Concrete Encasement	26.0 m3
	Precast Chamber	2 PCs
May 24, 2015	Somsom Material	63.142 ton
	Single Size Material	32.125 ton
	Base Course Material	34.179 ton
	Concrete Encasement	5.0 m3
May 25, 2015	Somsom Material	663.780 ton
	Single Size Material	90.981 ton
	Base Course Material	151.986 ton
May 26, 2015	Somsom Material	163.465 ton
	Single Size Material	31.645 ton
	Base Course Material	25.700 ton
	3" Dismantling Joint/PN16	20 PCs
	Flange Insulation Kit/PN16 DN450, DN350, DN200, DN150 and DN100	27 PCs



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	Flange ISO7005 TYPE 12 PN16 S.O R.F A-105 EU 20", 18", 16" and 14"	28 PCs
	Blind Flange PN-16 ST-37 and 20"	3", 8" 12 PCs
	Concrete Encasement	6 m3
	Pre-Cast Chamber	2 PCs
May 27, 2015	Somsom Material	123.250 ton
	Base Course Material	91.500 ton
	Concrete Encasement	11.5 m3
May 28, 2015	Somsom Material	328.875 ton
	Base Course Material	33.200 ton
	Concrete Encasement	9.0 m3
	20" Steel Pipes (9 Pipes)	109.8 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	18 PCs
May 29, 2015		
May 30, 2015	Somsom Material	30.175 ton
	Base Course Material	29.580 ton
May 31, 2015	Somsom Material	272.490 ton
	Base Course Material	153.980 ton
	Concrete Encasement	11.0 m ³
	Asphalt	59.540 ton
	20" Steel Pipes (9 Pipes)	109.8 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	9 PCs
	6" Steel Pipes (62 Pipes)	756.4 m long
	6" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	62 PCs



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The following table summarizes all equipment used on site during May, 2015:

Date Equipment		Equipment Log																															
		1-May-15	2-May-15	3-May-15	4-May-15	5-May-15	6-May-15	7-May-15	8-May-15	9-May-15	10-May-15	11-May-15	12-May-15	13-May-15	14-May-15	15-May-15	16-May-15	17-May-15	18-May-15	19-May-15	20-May-15	21-May-15	22-May-15	23-May-15	24-May-15	25-May-15	26-May-15	27-May-15	28-May-15	29-May-15	30-May-15	31-May-15	
Grader	Quantity in use																																
	Idle																																
Water Tank	Quantity in use		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	
	Idle																																
Loader cat 950H/0859	Quantity in use		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	
	Idle																																
Compactor	Quantity in use																																
	Idle																																
JCB	Quantity in use		1	1	1	1	1	1		1	1	2	2	2	1		1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	
	Idle																																
Wheel Excavator	Quantity in use		2	2	2	2	2	2		2	1	1	1	1	1		2	2	2	1	1	2		2	1	1	1	1	1	1	1	1	
	Idle																																
Concrete Mixer	Quantity in use																																
	Idle																																
Concrete Pump	Quantity in use																																
	Idle																																
Trencher	Quantity in use		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	
	Idle																																
Asphalt Cutter Machine	Quantity in use											1	1																				
	Idle																																
Truck /IVECO DAILY	Quantity in use																																
	Idle																																
Generator VANTAGE 400	Quantity in use																																
	Idle																																
Electrical Vibrator	Quantity in use																																
	Idle																																
Crane	Quantity in use		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	1		2	1	
	Idle																																
Water Pump	Quantity in use																																
	Idle																																
Dump Truck	Quantity in use		5	5	5	5	5	5		5	5	5	5	5	5		5	5	5	5	5	5		5	5	5	5	5	2	2		5	2
	Idle																																
Bobcat	Quantity in use						1	1																									
	Idle																																
Roller	Quantity in use											1	1																				
	Idle																																
Survey Station	Quantity in use		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1							
	Idle																																
Welding Machine	Quantity in use		6	6	6	6	6	6		6	6	6	6	6	6		6	6	6	6	6	6		6	6	6	6	6	3	2		5	3
	Idle																																
Pick up/ Double Cabin	Quantity in use		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	2	2	2	2		2	2	
	Idle																																



13. Progress and Scheduling

During the month of May, Saqqa and Khoudary activities were focused on the completion of major items as indicated below.

13.1. Activities During the Current Reporting Period

13.1.1 Ras Al Tawil Pipelines:

- Continue installing of steel pipelines, bedding material (Somsom), warning tape, backfilling material (Single Size) and backfilling material (Base Course) for 20” pipeline from Sta.2+574.59 to Sta. 4+720.20).
- Continue installing of steel pipelines, bedding material (Somsom), warning tape, backfilling material (Single Size) and backfilling material (Base Course) for 6” pipeline from Sta.2+573.59 to Sta. 4+717.96.
- Continue installing of 30 Anodes for Cathodic protection system from Sta.1+000 to Sta.5+600 with an average distance of 80 m between anodes.
- Completions of connection works for Southern Connecting to Existing 500mm DIP.
- Completion of excavation works for pipelines trenches (to Sta. 5+585).
- Asphalt pavement and reinstatement over trench (1st Layer) from Sta. 1+860 to Sta. 2+100.
- Pressure leakage test for installed 6” pipeline from Sta. 2+506 to Sta. 3+238.

13.1.2 Road:

- Start cut/fill works for the road around Sta.4+060.

13.1.3 Cast In-Situ Chambers:

- Washout Chamber at Sta.1+205:
 - Completion of civil works (excavation and casting concrete)for Chamber
 - Completion of installation of manhole cover, air vents pipes and chamber piping.
 - Completion of backfilling works around and above the chamber.
- Flow Monitoring Chamber at Sta. 2+510:
 - Completion of civil works (excavation and casting concrete)for Chamber
 - Completion of installation of manhole cover, air vents pipes and chamber piping.
 - Completion of backfilling works around and above the chamber.
- Butterfly Valve Chamber at Sta. 2+513:
 - Completion of civil works (excavation and casting concrete)for Chamber



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- Completion of installation of manhole cover, air vents pipes and chamber piping.
- Completion of backfilling works around and above the chamber.

13.1.4 Pre-Cast Chambers:

- 3” Gate Valve Chambers at Sta. 0+960, Sta. 1+440, Sta. 2+940, Sta. 1+820, Sta. 2+367, Sta. 2+506, Sta. 3+238, Sta. 3+415 and Sta. 3+631:
 - Completion of civil works (excavation and casting concrete)for precast Chamber
 - Completion of installation of manhole cover, air vents pipes and chamber piping.
 - Completion of backfilling works around and above the chamber.
- DN150mm Air Vent Chambers at Sta. 1+955, Sta. 2+220 and Sta. 3+030:
 - Completion of civil works (excavation and casting concrete)for precast Chamber
 - Completion of installation of manhole cover, air vents pipes and chamber piping.
 - Completion of backfilling works around and above the chamber.
- DN500mm Air Vent Chambers at Sta. 1+957, Sta. 2+222 and Sta. 3+032:
 - Completion of civil works (excavation and casting concrete)for precast Chamber
 - Completion of installation of manhole cover, air vents pipes and chamber piping.
 - Completion of backfilling works around and above the chamber.

13.2 Planned Activities for Next Month

The following are the main activities planned for next reporting period:

13.2.1 Ras Al Tawil Pipelines:

- Finish installing of steel pipelines, bedding material (Somsom), warning tape, backfilling material (Single Size) and backfilling material (Base Course) for 20” pipeline to Sta: 4+720.20).
- Finish installing of steel pipelines, bedding material (Somsom), warning tape, backfilling material (Single Size) and backfilling material (Base Course) for 6” pipeline to Sta: 4+717.96).
- Finish installing of 39 Anodes Cathodic protection system from Sta.1+000 to Sta.5+600 with an average distance of 80 m between anodes.
- Start and finish of connection works for Northern Connecting to existing 500mm DIP.
- Start and finish asphalt pavement and reinstatement over trench (2nd Layer) from Sta: 0+960 to Sta. 2+100.
- Start and completion of pressure leakage test for the installed 6” and 20” pipelines.



13.2.2 Road works from Sta.2+100 to Sta.5+150:

- Finish cut/fill works for the road.
- Start road preparation/Subgrade layer.
- Start road preparation/base course layer.
- Start road preparation/asphalt works.

13.2.3 Al Safi Booster Station:

- Start and finish pressure leakage test for installed pipeline.
- Start installing of valves and instrumentations.

13.2.4 Chambers:

- Start and finish installing and connection of Flow monitoring assembly at Yaqeen/Bani Naim reservoir.
- Continue Installing of precast chambers at Sta.3+850, Sta.3+860, Sta.3+995, Sta.4+098, Sta.4+393 & 4+775
- Continue cast in-site chambers at Sta.5+557, Sta.5+562, Sta.5+115 & Sta.4+859.
- Start and finish installation of valves and instrumentations inside chambers.

14. Task Order Indicators

14.1. Water Sector Task Order Indicator 1: Quantity of drinking water available as a result of USG assistance

This indicator is 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. This data is measured at the design stage based on the estimated transmission capacity.

Saqqa and khoudary was provided with the values of this indicator by CMC. The values are as shown in the table below:

Total No. of Beneficiaries	Female		Male	
	No.	Percentage	No.	Percentage
26,206	12,841	49%	13,365	51%

14.2. Water Sector Task Order Contract Indicator 2: Person Days of Employment Generated

This indicator is measured by the number of person days of employment generated by this Task Order. Saqqa and Khoudary measure person days of employment directly generated by construction work on site. Saqqa and Khoudary will measure this daily during Task Order implementation through Daily Joint Reports (DJRs). 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.



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

Target value	8700
Person Days of Employment Generated Previously	4530
Person Days of Employment Generated During the Current Reporting Period	1778
Accumulative Persons Days of Employment Generated	6308
Male Person Days of Employment	
Person Days of Employment Generated Previously	4299
Person Days of Employment Generated during the current reporting period	1752
Accumulative Persons Days of Employment Generated	6051
Female Person Days of Employment	
Person Days of Employment Generated Previously	224
Person Days of Employment Generated during the current reporting period	26
Accumulative Persons Days of Employment Generated	250
Total Number of Full Time Equivalent Jobs (FTE)	
Number of Full Time Equivalent Jobs Generated Previously	190
Number of Full Time Equivalent Jobs Generated During Current Period	75
Total Number of Full Time Equivalent Jobs Generated	265

For more details, please refer to Geo-MIS log in Annexes – Annex H

15. Working / Non – Working Days

The following table summarizes the total number of working and non-working days during this reporting period:

Description	Days
Contractual Period of Performance (Original)	360 Calendar Days
Total Excusable Delays/Approved Time Extensions	---
Modified Period of Performance	---
Modified Completion Date	---
Number of Working Days during this month	26 Calendar Days
Accumulated Working Days	166 Calendar Days
Number of non-working days (holidays and weekends) during this reporting period	5 Calendar Days
Accumulated non-working days (holidays and weekends)	30 Calendar Days
Number of other non-working days (due to rain/snow)	0 Calendar Days
Accumulated other non-working days(due to rain/snow)	12 Calendar Days



16. Site Memorandum

The table below indicates the Site Memorandums issued during this reporting period.

Site Memorandum log					
From C-E					
SM No.	From	To	Description	Submitted Date	Type
-	-	-	-	-	-
From E-C					
SM No.	From	To	Description	Received Date	Type
SM-14-00002-UDSI-E-C-007	CMC	Contractor	Email from Pal Tel Company- Damages to Fiber Optic Cable.	May 05, 2015	Site Instruction

17. Quality Control Status

This 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 (QCP) was submitted to CMC for approval on November 09, 2014. It includes the proposed quality control program that should be followed during the construction phase, including the forms of recording the quality control operations, organization chart, control activities, testing, administration of the system for onsite and offsite work, submittal procedures, materials, three phase inspection system, and documentation procedures. The CMC review the submittal and returned it with Action C - Revise and resubmit. Accordingly; a revised Quality Control Plan was submitted on December 01, 2014. The CMC reviewed the new submittal and approved it on December 08, 2014.

During April, 2015, an updated Quality Control Plan (QCP) submittal was submitted to the CMC on April 14, 2015. CMC reviewed and accepted the Quality Control Plan (QCP) on April 14, 2015.

During this reporting period, an updated Quality Control Plan (QCP) submittal was submitted to the CMC on May 28, 2015. CMC reviewed and accepted the Quality Control Plan (QCP) on May 28, 2015.



17.1. Inspection Requests:

The following table indicates the list of Inspection Requests issued during this reporting period.

Inspection Request Log							
IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
IR-14-00002-UDSI-083-A	Installed of 3” Gate Valve Precast Chamber and Fabrication & Welding the pipes / STA: 1+440 prior to backfilling works around and above the chamber.	May 4, 2015	May 4, 2015	May 5, 2015	1	A	
IR-14-00002-UDSI-084-A	Formwork and steel reinforcement for Foundation of Washout Chamber at STA: 1+205 prior to cast of concrete. Time of Cast concrete: May 3, 2015 at 01:30 PM.	May 3, 2015	May 3, 2015	May 4, 2015	1	A	
IR-14-00002-UDSI-085-A	Installed of 6” Gate Valve Precast Chamber and Fabrication & Welding the pipes / STA: 0+960 prior to backfilling works around and above the chamber.	May 4, 2015	May 4, 2015	May 5, 2015	1	A	
IR-14-00002-UDSI-086-A	Inspect of delivered material: Instrumentations and accessories. Refer to attached Material Receiving Report. Material certificates and test reports will be submitted separately. Location: LIGHT Electro-Mechanical Contracting CO/Nablus	May 6, 2015	May 11, 2015	May 11, 2015	0	D	
IR-14-00002-UDSI-087-A	Inspect of delivered material: Instrumentations and accessories. Refer to attached Material Receiving Report. Material certificates and test reports will be submitted separately.	May 6, 2015	May 11, 2015	May 11, 2015	0	D	



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	Location: SIEMENS Stores / Near Tel Aviv Airport / Israel						
IR-14-00002- UDSI-088-A	Formwork and steel reinforcement for Walls of Washout Chamber at STA: 1+205 prior to cast of concrete. Time of Cast concrete: May 6, 2015 at 03:30 PM.	May 6, 2015	May 6, 2015	May 7, 2015	1	A	
IR-14-00002- UDSI-089-A	Radiographic Tests for welded joints. Location: STA: 2+500 (5 Joints 20" & 5 Joints 6")	May 7, 2015	May 7, 2015	May 7, 2015	0	A	
IR-14-00002- UDSI-090-A	Formwork and steel reinforcement for Foundation of Flow Monitoring Chamber at STA: 2+510 prior to cast of concrete. Time of Cast concrete: May 7, 2015 at 02:30 PM.	May 7, 2015	May 7, 2015	May 7, 2015	0	A	
IR-14-00002- UDSI-091-A	Installed of transition coupling and complete of southern connecting the 500mm Steel pipes to existing 500mm DIP.	May 7, 2015	May 7, 2015	May 7, 2015	0	A	
IR-14-00002- UDSI-092-A	Formwork and steel reinforcement for top slab of Washout Chamber at STA: 1+205 prior to cast of concrete. Time of Cast concrete: May 9, 2015 at 03:30 PM.	May 7, 2015	May 9, 2015	May 9, 2015	0	A	
IR-14-00002- UDSI-093-A	Inspect of delivered material: High Potential Magnesium Anodes 9.1 kg and Handy Cap. Refer to attached Material Receiving Report and Material certificates.	May 10, 2015	May 10, 2015	May 12, 2015	2	A	
IR-14-00002- UDSI-094-A	Formwork and steel reinforcement for Walls of Flow Monitoring Chamber at STA:	May 13, 2015	May 13, 2015	May 14, 2015	1	A	



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	2+510 prior to cast of concrete. Time of Cast concrete: May 13, 2015 at 10:00 AM.						
IR-14-00002-UDSI-095-A	Installed of 3” Gate Valve Precast Chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 1+961 prior to backfilling works around and above the chamber.	May 13, 2015	May 13, 2015	May 14, 2015	1	A	
IR-14-00002-UDSI-096-A	Installed of 6” Gate Valve Precast Chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 1+959 prior to backfilling works around and above the chamber.	May 13, 2015	May 13, 2015	May 14, 2015	1	A	
IR-14-00002-UDSI-097-A	Surface preparation and Applying of Bitumen Coating (1st and 2nd Layers) for 8” Washout Chamber at STA: 1+205 prior to start backfilling around the chamber.	May 13, 2015	May 13, 2015	May 14, 2015	1	A	
IR-14-00002-UDSI-098-A	Compaction Tests and preparing of base course layer prior to spread MC and apply of asphalt (1st layer) from STA: 0+956 to STA: 1+020. Compaction test reports will be submitted separately. Time of Asphalt: May 13, 2015 at 04:00 PM.	May 13, 2015	May 13, 2015	May 14, 2015	1	A	
IR-14-00002-UDSI-099-A	Inspect of delivered material: 6” and 20” Steel Pipes and Pipe Heat Shrinkable Sleeve. Refer to attached Material Receiving Report.	May 14, 2015	May 14, 2015	May 16, 2015	2	A	
IR-14-00002-UDSI-100-A	Formwork and steel reinforcement for Top Slab of Flow Monitoring Chamber at STA: 2+510 prior to cast of	May 17, 2015	May 17, 2015	May 17, 2015	0	A	



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	concrete. Time of Cast concrete: May 17, 2015 at 10:00 AM						
IR-14-00002-UDSI-101-A	Connection 150mm to one existing pipe (As per drawing C-0003)/Bani Naim Area STA: 0+956	May 17, 2015	May 17, 2015	May 17, 2015	0	A	
IR-14-00002-UDSI-102-A	Installed of 3” Gate Valve Precast Chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 2+940 prior to backfilling works around and above the chamber.	May 17, 2015	May 17, 2015	May 20, 2015	3	A	
IR-14-00002-UDSI-103-A	Formwork and steel reinforcement for Foundation of Butterfly Valve Chamber at STA: 2+513 prior to cast of concrete. Time of Cast concrete: May 18, 2015 at 04:00 PM.	May 18, 2015	May 18, 2015	May 18, 2015	0	C	A
IR-14-00002-UDSI-104-A	Inspect of delivered material: DIP Flange Adapter (DN400 / PN16) / Flange Adaptor PN16 MaxiDaptor VIKING JOHNSON. Refer to attached Material Receiving Report.	May 19, 2015	May 20, 2015	May 21, 2015	1	A	
IR-14-00002-UDSI-105-A	Inspect of delivered material: Pressure Gauge Assembly WIKA Model no. 233.34. Certificates will be submitted separately. 1.Pressure Gauge Assembly WIKA Model no. 233.34 (PN25) / 8 PCs. 2.Pressure Gauge Assembly WIKA Model no. 233.34 (PN25) / 1 PCs.	May 19, 2015	May 20, 2015	May 21, 2015	1	C	
IR-14-00002-UDSI-106-A	Inspect of delivered material: Bermad Control Valves. Certificates will be submitted separately.	May 19, 2015	May 20, 2015	May 24, 2015	4	D	



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	1.6” Flow Control Valve / 1 PC 2.10” Flow Control Valve / 2 PCs 3.10” Proportional Pressure Reducing Valve / 2 PCs 4.16” Level Control Valve / 1 PC						
IR-14-00002-UDSI-107-A	Formwork and steel reinforcement for Walls of Butterfly Valve Chamber at STA: 2+513 prior to cast of concrete. Time of Cast concrete: May 20, 2015 at 10:00 AM.	May 19, 2015	May 20, 2015	May 21, 2015	1	A	
IR-14-00002-UDSI-108-A	Inspect of delivered material: Bermad Strainer. Certificates will be submitted separately. 1.PN16/DN150 Strainer / 1 PC 2.PN25/DN250 Strainer / 2 PCs	May 20, 2015	May 20, 2015	May 21, 2015	1	C	
IR-14-00002-UDSI-108-B	Inspect of delivered material: Bermad Strainer. Certificates will be submitted separately. 1.PN16/DN150 Strainer / 1 PC 2.PN25/DN250 Strainer / 2 PCs	May 26, 2015	May 26, 2015	May 27, 2015	1	A	
IR-14-00002-UDSI-109-A	Installed of 150mm Air Vent Precast Chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 2+220 prior to backfilling works around and above the chamber.	May 20, 2015	May 20, 2015	May 21, 2015	1	A	
IR-14-00002-UDSI-110-A	Installed of 500mm Air Vent Precast Chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 2+222 prior to backfilling works around and above the chamber.	May 20, 2015	May 20, 2015	May 21, 2015	1	A	
IR-14-00002-UDSI-111-A	Surface preparation and Applying of Bitumen Coating (1st and 2nd Layers) for Flow Monitoring Chamber at STA: 2+510 prior to start backfilling around the chamber.	May 20, 2015	May 20, 2015	May 21, 2015	1	A	



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	Location: Flow Monitoring Chamber STA: 2+510						
IR-14-00002-UDSI-112-A	Installed of 3" Gate Valve Precast Chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 2+367 prior to backfilling works around and above the chamber.	May 20, 2015	May 20, 2015	May 21, 2015	1	A	
IR-14-00002-UDSI-113-A	Formwork and steel reinforcement for Top Slab of Butterfly Valve Chamber at STA: 2+513 prior to cast of concrete. Time of Cast concrete: May 21, 2015 at 03:00 PM. Location: Butterfly Valve Chamber STA: 2+513	May 21, 2015	May 21, 2015	May 24, 2015	3	A	
IR-14-00002-UDSI-114-A	Surface preparation and Applying of Bitumen Coating (1st and 2nd Layers) for Butterfly Valve Chamber at STA: 2+513 prior to start backfilling around the chamber. Location: Butterfly Valve Chamber STA: 2+513	May 24, 2015	May 24, 2015	May 25, 2015	1	A	
IR-14-00002-UDSI-115-A	Installed of DN150mm Air Vent Precast Chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 3+030 prior to backfilling works around and above the chamber.	May 24, 2015	May 24, 2015	May 25, 2015	1	C	
IR-14-00002-UDSI-115-B	Installed of DN150mm Air Vent Precast Chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 3+030 prior to backfilling works around and above the chamber.	May 28, 2015	May 28, 2015	May 28, 2015	0	A	
IR-14-00002-UDSI-116-A	Installed of DN500mm Air Vent Precast Chamber, air vent pipes, manhole cover and Fabrication &	May 24, 2015	May 24, 2015	May 25, 2015	1	C	



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	Welding the pipes / STA: 3+032 prior to backfilling works around and above the chamber.						
IR-14-00002-UDSI-116-B	Installed of DN500mm Air Vent Precast Chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 3+032 prior to backfilling works around and above the chamber.	May 28, 2015	May 28, 2015	May 28, 2015	0	A	
IR-14-00002-UDSI-117-A	Installed of air vent pipes, manhole covers and Fabrication & Welding the pipes around the Flow Monitoring chamber / STA: 2+510 prior to backfilling works around and above the chamber.	May 24, 2015	May 24, 2015	May 25, 2015	1	C	
IR-14-00002-UDSI-117-B	Installed of air vent pipes, manhole covers and Fabrication & Welding the pipes around the Flow Monitoring chamber / STA: 2+510 prior to backfilling works around and above the chamber.	May 31, 2015	May 30, 2015	May 31, 2015	1	A	
IR-14-00002-UDSI-118-A	Installed of air vent pipes, manhole cover and Fabrication & Welding the pipes around the Butterfly Valve chamber / STA: 2+513 prior to backfilling works around and above the chamber.	May 24, 2015	May 24, 2015	May 25, 2015	1	C	
IR-14-00002-UDSI-118-B	Installed of air vent pipes, manhole cover and Fabrication & Welding the pipes around the Butterfly Valve chamber / STA: 2+513 prior to backfilling works around and above the chamber.	May 27, 2015	May 27, 2015	May 27, 2015	0	A	
IR-14-00002-UDSI-119-A	Close out of May 2015 Environmental Check List.	May 25, 2015	May 25, 2015	May 25, 2015	0	A	
IR-14-00002-UDSI-120-A	Pressure Leakage Test for 150m steel pipeline	May 25, 2015	May 25, 2015	May 26, 2015	1	A	



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IR-14-00002-UDSI-121-A	Inspect of delivered material: 3” Dismantling Joints. Refer to attached certificates and material receiving report. 1.3” Dismantling Joints/PN16 – 20 PCs.	May 27, 2015	May 27, 2015	May 31, 2015	4	A	
IR-14-00002-UDSI-122-A	Inspect of delivered material: 20”, 18”, 16”, & 14” Flange ISO7005 TYPE 12 PN16. Refer to attached certificates and material receiving report.	May 28, 2015	May 28, 2015	May 31, 2015	3	A	
IR-14-00002-UDSI-123-A	Installed of 3” Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 2+506 prior to backfilling works around and above the chamber.	May 31, 2015	May 30, 2015	May 31, 2015	1	A	
IR-14-00002-UDSI-124-A	Installed of 3” Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 3+238 prior to backfilling works around and above the chamber.	May 31, 2015	May 30, 2015	May 31, 2015	1	A	
IR-14-00002-UDSI-125-A	Compaction Tests and preparing of base course layer prior to spread MC and apply of asphalt (1st layer) from STA: 1+860 to STA: 2+100 and road crossing at STA: 1+820 and 1+956. Compaction test reports will be submitted separately. Time of Asphalt: May 31, 2015 at 08:00 AM.	May 31, 2015	May 30, 2015	May 31, 2015	1	A	
IR-14-00002-UDSI-126-A	Installed of 3” Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 3+415 prior to backfilling works around and	May 31, 2015	May 31, 2015	May 31, 2015	0	A	



	above the chamber.						
*Note: A:No Exceptions Noted, B:Make Corrections Noted, C:Amend-Resubmit , D:Rejected-Resubmit, E:Review Not Required, P:Pending							

17.2. Testing Reports:

The following tests were conducted on the site during this reporting period:

Test Reports Log					
Submittal No.	Description	Submitted Date	Response Date	Review Days	Status
TEST-14-00002-UDSI-041-A	Test Report -Bituminous Paving Mixture Report - Size 3/4" - Al 'Uddeisa Main Pipeline Between Stations (1+350 & 1+440) - Report # AS/TBM/15129	May 10, 2015	May 10, 2015	0	A
TEST-14-00002-UDSI-042-A	Test Report - Concrete Compressive Strength (Foundations of Ras Al Tawil Emergency Service Connection Chamber.) - Report # /BM/CT/15569 - 28 Days	May 10, 2015	May 10, 2015	0	A
TEST-14-00002-UDSI-043-A	Test Report - Concrete Compressive Strength (Walls of Ras Al Tawil Emergency Service Connection Chamber.) - Report # /BM/CT/15581 - 28 Days	May 10, 2015	May 10, 2015	0	A
TEST-14-00002-UDSI-044-A	Test Report - Density of Soil In-Place-Base Course-Al 'Uddeisa Main Pipeline Between Stations (1+350 & 1+850) - Report # ST /FDI/5210	May 10, 2015	May 10, 2015	0	A
TEST-14-00002-UDSI-045-A	Test Report - Bedding Material Aggregate-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+000 & 2+500) - Somsom Size- Report # BM/QC/15066	May 10, 2015	May 10, 2015	0	A
TEST-14-00002-UDSI-046-A	Test Report - Bedding Material Aggregate-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+000 & 2+500) - Single Size Aggregate- Report # BM/QC/15067	May 10, 2015	May 10, 2015	0	A
TEST-14-00002-UDSI-047-A	Test Report - Soil Aggregate Materials Testing Report-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (1+500 & 2+000)- Base Course- Report # ST/15181	May 10, 2015	May 10, 2015	0	A
TEST-14-00002-UDSI-048-A	Test Report -Bituminous Paving Mixture Report - Size 3/4" - Al 'Uddeisa Main Pipeline Between Stations (1 +020 & 1 +300)- Report	May 10, 2015	May 10, 2015	0	A



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	# AS/TBM/15118				
TEST-14-00002-UDSI-049-A	Test Report - Concrete Compressive Strength (Top Slab of Ras Al-Tawil Emergency Service Connection Chamber DN-100) - 28 Days- Report # BM/CT/15598	May 12, 2015	May 13, 2015	1	A
TEST-14-00002-UDSI-050-A	Test Report - Concrete Compressive Strength(Walls of 500mm Butterfly Valve Chamber /Yalta Junction) - Report # BM/CT/15540 - 28 Days	May 13, 2015	May 13, 2015	0	A
TEST-14-00002-UDSI-051-A	Test Report - Concrete Compressive Strength(Slab of Manhole /Butterfly Valve Chambers /Yatta Junction) - Report # BM/CT/15545 - 28 Days	May 12, 2015	May 13, 2015	1	A
TEST-14-00002-UDSI-052-A	Test Report - Concrete Compressive Strength (jBase of the Butterly Valve Chamber I Diameter 500mm at Station (1+017)) - Report # BM/CT/15626 -28 Days	May 17, 2015	May 18, 2015	1	A
TEST-14-00002-UDSI-053-A	Test Report - Concrete Compressive Strength (Wall of W.O Chamber at Station (1+205) and Foundation of flow Monitoring chamber at Station (2+510)) - Report # BM/CT/15708 -7 Days	May 17, 2015	May 18, 2015	1	A
TEST-14-00002-UDSI-054-A	Test Report - Density of Soil In-Place - Base Course I Trench Lines- Al 'Uddeisa Main Pipeline Between Stations (0+956 & 1+020) Report # ST/FD/15266	May 17, 2015	May 18, 2015	1	A
TEST-14-00002-UDSI-055-A	Test Report - Bedding Material Aggregate -(Somsom Size)Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+500 & 3+000) Report # BM/QC/15069	May 17, 2015	May 18, 2015	1	A
TEST-14-00002-UDSI-056-A	Test Report - Aggregate -Back Fill Materials -Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+500 & 3+000)- Report # BM/QC/15070	May 17, 2015	May 18, 2015	1	A
TEST-14-00002-UDSI-057-A	Test Report - Bedding Material Aggregate-(Somsom Size)-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+000 & 3+500) - Report # BM/QC/15071	May 17, 2015	May 18, 2015	1	A
TEST-14-00002-UDSI-058-A	Test Report - Back Fill Materials - (Single Size Aggregate)-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+000 & 3+500) - Report # BM/QC/15072	May 17, 2015	May 18, 2015	1	A
TEST-14-00002-UDSI-059-A	Test Report - Bedding Material Aggregate-(Somsom Size)-Ras Al	May 17, 2015	May 18, 2015	1	A



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	Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+500 & 4+000) - Report # BM/QC/15073				
TEST-14-00002-UDSI-060-A	Test Report - Bedding Material Aggregate-(Single Size Aggregate)-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+500 & 4+000) - Report # BM/QC/15074	May 17, 2015	May 18, 2015	1	A
TEST-14-00002-UDSI-061-A	Test Report - Soil and Soil Aggregate Materials Testing Report -Base Course- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+500 & 3+000) - Loose SampleReport # ST/15231	May 17, 2015	May 18, 2015	1	A
TEST-14-00002-UDSI-062-A	Test Report - Soil and Soil Aggregate Materials Testing Report -Base Course- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+000 & 3+500) - Loose SampleReport # ST/15232	May 17, 2015	May 18, 2015	1	A
TEST-14-00002-UDSI-063-A	Test Report - Reinforcement Deformed Steel Bars -Ø16 & Ø20mm.-Report # BM/STL/15019	May 17, 2015	May 18, 2015	1	A
TEST-14-00002-UDSI-064-A	Chlorination and Bacteriological Test Reports / 150m Steel Pipeline from STA: 2+506.04 to STA: 3+238	May 28, 2015	May 28, 2015	0	A
TEST-14-00002-UDSI-065-A	Test Report - Bedding Material Aggregate-((Somsom Size))-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (1+500 & 2+000) - Report # BM/QC/15061	May 31, 2015	May 31, 2015	0	A
TEST-14-00002-UDSI-066-A	Test Report - Bedding Material Aggregate-((Single Size))-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (1+500 & 2+000) - Report # BM/QC/15062	May 31, 2015	May 31, 2015	0	A
TEST-14-00002-UDSI-067-A	Test Report - Bedding Material Aggregate-((Base Course-Loose Sample))-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+000 & 2+500)- Report # ST/15207	May 31, 2015	May 31, 2015	0	A
TEST-14-00002-UDSI-068-A	Test Report -Bituminous Paving Mixture Report - Binder Course Layer- Size 3/4" - Al 'Uddeisa Main Pipeline Between Stations (1 +660 & 1 +850)- Report # AS/TBM/15134	May 31, 2015	May 31, 2015	0	A
TEST-14-00002-UDSI-069-A	Test Report - Soil and Soil Aggregate Materials Testing Report -Base Course- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+500 & 4+000)- Loose Sample Report # ST/15236	May 31, 2015	May 31, 2015	0	A



TEST-14-00002-UDSI-070-A	Test Report - Soil and Soil Aggregate Materials Testing Report -Fill Materials/Loose Sample- Ras Al Tawil & Al 'Uddeisa Main Pipeline -Report #ST/15245	May 31, 2015	May 31, 2015	0	A
*Note: A:No Exceptions Noted, B:Make Corrections Noted, C:Amend-Resubmit, D:Rejected-Resubmit, E:Review Not Required, P:Pending					

18. Submittals Status

During the current reporting period, updated pre-construction submittals, Material submittals, shop drawing and testing reports submittals were prepared and submitted to the CMC for review and approval. The following charts summarize the status of submittals during May and till the end of it.

Submittal Status till the end of May, 2015															
<table border="1"> <thead> <tr> <th colspan="2">Submittal Classification</th> </tr> </thead> <tbody> <tr> <td>Updated & Pre-Construction Submittals</td> <td>77</td> </tr> <tr> <td>Material - Mechanical Submittals</td> <td>149</td> </tr> <tr> <td>Material - Civil Submittals</td> <td>25</td> </tr> <tr> <td>Shop drawing submittals</td> <td>72</td> </tr> <tr> <td>QC Submittals</td> <td>70</td> </tr> <tr> <td>Grand Total</td> <td>393</td> </tr> </tbody> </table>	Submittal Classification		Updated & Pre-Construction Submittals	77	Material - Mechanical Submittals	149	Material - Civil Submittals	25	Shop drawing submittals	72	QC Submittals	70	Grand Total	393	<p>Submittal Status</p> <ul style="list-style-type: none"> Updated & Pre-Construction: 20% Material-Mec: 38% Material-Civil: 6% Shop Drawing: 18% QC-Submittal: 18%
Submittal Classification															
Updated & Pre-Construction Submittals	77														
Material - Mechanical Submittals	149														
Material - Civil Submittals	25														
Shop drawing submittals	72														
QC Submittals	70														
Grand Total	393														
Submittal Status during May, 2015															
<table border="1"> <thead> <tr> <th colspan="2">Submittal Classification</th> </tr> </thead> <tbody> <tr> <td>Updated Pre-Construction Submittals</td> <td>3</td> </tr> <tr> <td>Material - Mechanical Submittals</td> <td>16</td> </tr> <tr> <td>Material - Civil Submittals</td> <td>3</td> </tr> <tr> <td>Shop drawing submittals</td> <td>12</td> </tr> <tr> <td>QC Submittals</td> <td>30</td> </tr> <tr> <td>Grand Total</td> <td>64</td> </tr> </tbody> </table>	Submittal Classification		Updated Pre-Construction Submittals	3	Material - Mechanical Submittals	16	Material - Civil Submittals	3	Shop drawing submittals	12	QC Submittals	30	Grand Total	64	<p>Submittal Status</p> <ul style="list-style-type: none"> Updated Pre-Construction: 4% Material-Mec: 25% Material-Civil: 5% Shop Drawing: 19% QC-Submittal: 47%
Submittal Classification															
Updated Pre-Construction Submittals	3														
Material - Mechanical Submittals	16														
Material - Civil Submittals	3														
Shop drawing submittals	12														
QC Submittals	30														
Grand Total	64														



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For more information please refer to the following submittal log table for submittals issued during the current reporting period and for Annex H that include accumulative submittals log.

Submittals Log					
Submittal No.	Description	Submitted Date	Response Date	Review Days	Status
SUB-14-00002-UDSI-054-B	High Potential Magnesium Anodes	May 5, 2015	May 10, 2015	5	A
SUB-14-00002-UDSI-055-B	SHOP DRAWING FOR TRANSMISSION PIPE LINE FROM ST- 1+000 TO 1+500	May 5, 2015	May 10, 2015	5	A
SUB-14-00002-UDSI-056-C	Check Valve	May 5, 2015	May 10, 2015	5	A
SUB-14-00002-UDSI-057-B	Steel Reinforcement Manufacturers Data	May 5, 2015	May 10, 2015	5	A
SUB-14-00002-UDSI-062-D	Pipe Heat Shrinkable Sleeve & Tape	May 5, 2015	May 10, 2015	5	A
SUB-14-00002-UDSI-065-C	Shop Drawings for Check Valve Chamber - 400mm	May 5, 2015	May 10, 2015	5	A
SUB-14-00002-UDSI-067-B	Shop Drawing for Transmission Pipeline from Sta. 1+500 to sta. 2+460	May 5, 2015	May 10, 2015	5	A
SUB-14-00002-UDSI-068-D	LIGHT Electro-Mechanical Contracting CO. Ltd (Profile & CV) Instrumentation, Integration and Programming	May 5, 2015	May 10, 2015	5	A
SUB-14-00002-UDSI-070-B	Method Statement for Chambers installation	May 5, 2015	May 10, 2015	5	A
SUB-14-00002-UDSI-071-C	Shop Drawings for 500 mm Check Valve Chamber	May 5, 2015	May 10, 2015	5	A
SUB-14-00002-UDSI-073-A	Flange Gasket	May 5, 2015	May 10, 2015	5	A
SUB-14-00002-UDSI-076-B	Shop Drawings for Yatta Junction Layout	May 5, 2015	May 10, 2015	5	A



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SUB-14-00002-UDSI-080-B	Shop Drawings for AL- SAFI Booster Station Layout	May 5, 2015	May 10, 2015	5	A
SUB-14-00002-UDSI-082-C	Pipe Support - Sample	May 5, 2015	May 10, 2015	5	A
SUB-14-00002-UDSI-084-C	KSB Ball Valve (VB-1) - DN50 and smaller	May 5, 2015	May 10, 2015	5	A
SUB-14-00002-UDSI-094-B	Bolts, Washers & Nuts	May 5, 2015	May 10, 2015	5	A
SUB-14-00002-UDSI-114-A	Shop Drawing for Cathodic Protection System	May 4, 2015	May 12, 2015	8	C
SUB-14-00002-UDSI-114-B	Shop Drawing for Cathodic Protection System	May 17, 2015	May 21, 2015	4	C
SUB-14-00002-UDSI-114-C	Shop Drawing for Cathodic Protection System	May 24, 2015	May 31, 2015	7	B
SUB-14-00002-UDSI-157-B	Method Statement for SCADA Programming and Integration	May 3, 2015	May 18, 2015	15	A
SUB-14-00002-UDSI-158-B	PLC Programming and SCADA Integration (Profile and Qualifications)	May 3, 2015	May 18, 2015	15	D
SUB-14-00002-UDSI-171-B	Air Valves fabrication - : Fabrication of Steel Tees 20" *6" & 20"*4" for Air Valve Chambers	May 17, 2015	May 18, 2015	1	B
SUB-14-00002-UDSI-172-B	Indoor Junction Box	May 17, 2015	May 26, 2015	9	D
SUB-14-00002-UDSI-176-A	Shop Drawings for Washout Outfall in Urban Areas 200mm	May 3, 2015	May 18, 2015	15	A
SUB-14-00002-UDSI-177-A	Mock-up Sample for Manhole Penetration Sleeve	May 5, 2015	May 12, 2015	7	B
SUB-14-00002-UDSI-178-A	Updated Schedule - April 2015	May 11, 2015	May 12, 2015	1	B
SUB-14-00002-UDSI-179-A	Updated Alsafi Booster Station Flow & Prv Equipment Pad	May 12, 2015	May 26, 2015	14	C
SUB-14-00002-UDSI-180-A	Formwork Design Slab & Walls- Ras At Tawil	May 12, 2015	May 27, 2015	15	A



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SUB-14-00002-UDSI-181-A	RT Results- Radiographic Test Reports	May 17, 2015	May 18, 2015	1	B
SUB-14-00002-UDSI-182-A	Method Statement for TESTING (Hydrostatic, Disinfection and Flushing) (6" and 20" Pipelines) & Laboratory	May 17, 2015	May 26, 2015	9	C
SUB-14-00002-UDSI-183-A	Welders qualification testing Report	May 19, 2015	May 25, 2015	6	C
SUB-14-00002-UDSI-184-A	Alternative - Gate Valves (Raphael)	May 21, 2015	May 26, 2015	5	B
SUB-14-00002-UDSI-185-A	Alternative - PN16 & PN25 Dismantling Joint- From UNIJOINT	May 21, 2015	May 25, 2015	4	B
SUB-14-00002-UDSI-186-A	updated QC -Plan	May 28, 2015	May 28, 2015	0	A
<p>*Note: A: No Exceptions Noted, B: Make Corrections Noted, C: Amend-Resubmit, D: Rejected-Resubmit, E: Review Not Required, P: Pending.</p>					

19. Transmittals:

The following Transmittals were sent during the current reporting periods:

Outgoing Emails Log				
DCN No.	Subject	From:	To :	Sent Date
Email-14-02-SAK-OUT-0123	Geo-MIS -April, 2015	SAK	BV	May 5, 2015
Email-14-02-SAK-OUT-0124	Comments on Contractor's Monthly Report -March 2015	SAK	USAID	May 5, 2015
Email-14-02-SAK-OUT-0125	April Monthly Progress Report	SAK	USAID	May 5, 2015
Email-14-02-SAK-OUT-0126	Yaqeen/Bani Naim Reservoir	SAK	BV/PWA	May 5, 2015
Email-14-02-SAK-OUT-0127	PALTEL Fiber Optic Cable	SAK	jamal.madieh@ahlia.ps	May 6, 2015
Email-14-02-SAK-OUT-0128	PALTEL Fiber Optic Cable (Different email from the previous)	SAK	jamal.madieh@ahlia.ps	May 7, 2015
Email-14-02-SAK-OUT-0129	Comments on Contractor's Monthly Report -March 2015	SAK	USAID	May 8, 2015
Email-14-02-SAK-OUT-0130	Yaqeen/Bani Naim Reservoir	SAK	BV/PWA	May 11, 2015



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Email-14-02-SAK-OUT-0131	Yaqaen/Bani Naim Reservoir	SAK	BV/PWA	May 11, 2015
Email-14-02-SAK-OUT-0132	Al Safi Booster Station/Prices List	SAK	jamal.madieh@ahlia.ps; yaghi@sak1.com	May 12, 2015
Email-14-02-SAK-OUT-0133	Cathodic Protection System/Anodes Installation	SAK	BV	May 12, 2015
Email-14-02-SAK-OUT-0134	Stopped Excavation	SAK	basem.atrash@paltel.net	May 16, 2015
Email-14-02-SAK-OUT-0123	Geo-MIS -April, 2015	SAK	BV	May 5, 2015
Email-14-02-SAK-OUT-0124	Comments on Contractor's Monthly Report -March 2015	SAK	USAID	May 5, 2015
Email-14-02-SAK-OUT-0125	April Monthly Progress Report	SAK	USAID	May 5, 2015

INCOMING EMAILS LOG				
DCN No.	Subject	From	To	Received Date
Email-14-02-SAK-IN-0069	Progress Meeting #011_Agenda	BV	SAK	May 2, 2015
Email-14-02-SAK-IN-0070	Draft MOM No. 011	BV	SAK	May 5, 2015
Email-14-02-SAK-IN-0071	Comments on Contractor's Monthly Report -March 2015	USAID	SAK	May 6, 2015
Email-14-02-SAK-IN-0072	Damages of Fiber Optic Cable	BV	SAK	May 6, 2015
Email-14-02-SAK-IN-0073	Final MOM No. 011	BV	SAK	May 7, 2015
Email-14-02-SAK-IN-0074	Yaqaen/Bani Naim Reservoir	BV	SAK	May 11, 2015
Email-14-02-SAK-IN-0075	Yaqaen/Bani Naim Reservoir	BV	SAK	May 11, 2015
Email-14-02-SAK-IN-0076	Yaqaen/Bani Naim Reservoir	PWA	SAK	May 11, 2015
Email-14-02-SAK-IN-0077	Cathodic Protection System/Anodes Installation	BV	SAK	May 12, 2015
Email-14-02-SAK-IN-0078	Progress Meeting No. 012_Agenda	BV	SAK	May 14, 2015



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Email-14-02-SAK-IN-0079	Stopped Excavation	BV	SAK	May 18, 2015
Email-14-02-SAK-IN-0080	Draft MOM No. 012	BV	SAK	May 20, 2015
Email-14-02-SAK-IN-0081	Final MOM No. 012	BV	SAK	May 24, 2015
Email-14-02-SAK-IN-0082	Progress Meeting Agenda No. 013	BV	SAK	May 28, 2015
Email-14-02-SAK-IN-0069	Progress Meeting #011_Agenda	BV	SAK	May 2, 2015

CONTRACTOR LETTERS LOG				
Letter No.	Description	Submitted Date	From	To
LETTERS FROM CONTRACTOR TO LOCAL AUTHORITY				
No letters were issued during this reporting period				
LETTERS FROM CONTRACTOR TO ENGINEER				
Letter No.	Description	Submitted Date	From	To
No letters were issued during this reporting period.				
LETTERS FROM CONTRACTOR TO USAID				
Letter No.	Description	Submitted Date	From	To
LTR.02.SAK-USAID-004-A	Gear Assisted Manual Actuators for Gate Valves	May 28, 2015	SAK	USAID

20. Requests for Information

The following table summarizes Requests for Information issued during this reporting period:

Request for information log				
RFI No.	Description	Submitted Date	Response Date	Review Days
RFI-14-00002-UDSI-C-E-010	Installation of Cathodic Protection anod bag	May 14, 2015	May 20, 2015	6



21. Payments

One Payment was issued during this reporting period as shown in the table below:

Progress Payment Log					
Invoice No.	Invoiced Amount	Cumulative Amount	Task Order Amount	Remaining Amount	Date Submitted to B&V
Pay-14-000002-UDSI-004	\$ 441,881.60	\$ 939,790.40	\$ 4,462,836.00	\$ 3,523,045.6	May 03, 2015
Pay-14-000002-UDSI-005	\$ 585,998.87	\$ 1,525,789.27	\$ 4,462,836.00	\$ 2,937,046.73	May 20, 2015

22. Variation Order Request

The following table summarizes Variation Orders Requests issued during this reporting period:

Variation Order Requests Log						
VOR No.	Description	Cost Impact (\$)	Time Impact (Calendar Day)	Submission Date	Response Date	Status
VOR-14-00002-UDSI-005-B	New items due to changes in plan/ profile for road segment from Station 2+100 to station 5+585 (SM-14-000002-UDSI-E-C-006).	\$45,770.00	0	May 13, 2015	P	
VOR-14-00002-UDSI-006-B	Trench Typical Cross-section.	\$0.00	0	May 20, 2015	P	
VOR-14-00002-UDSI-007-A	Relocation of Flow Monitoring Chamber from Yatta Junction to Yaqeen (Bani Naim) Reservoir as per site memorandum number SM-14-000002-UDSI-E-C-004.	\$115,677.00	0	May 16, 2015	May 20, 2015	Price is high. Contractor to resubmit including price justification and back up documents
P: Pending						



23. Variation Order

One Variation Order was issued during this reporting period as shown in table below:

Variation Order Log					
Variation Order No.	Description	PVOs/VOsAmount	PVOs/VOs (Calendar Days)	PVO/VO Status	Date Approved By USAID
VOR-14-00002-UDSI-001-A	Changes in requirement and new definitive quantities	\$ 151,137.80	0	Increase in cost of \$ 151,137.80 which will be deducted from the day work line item.	May 27, 2015

24. Obstacles and Challenges

- 24.1. Challenges
No challenges
- 24.2. Obstacles
No obstacles



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25. Progress Photos



Photo #1: Installing of 6” and 20” pipelines from Sta. 2+573.59 to Sta. 2+719.99



Photo #2: Excavation works for 2” and 6” pipelines trench from Sta. 2+573.59 to Sta. 2+719.99



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Photo #3: Bi-Weekly Meeting #11 at BV Sa'er Office



Photo #4: Shuttering and steel reinforcement for Ras Al Tawil Emergency Service Connection Chamber



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Photo #5: Shuttering and steel reinforcement works for wash out chamber walls at Sta. 1+205



Photo #6: Casting concrete for wash out chamber walls at Sta. 1+205



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Photo #7: Holiday Test for 6" Pipeline



Photo #8:- Shuttering and steel reinforcement for Flow Monitoring Chamber walls at Sta. 2+510



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Photo#9: Backfilling Works



Photo#10: Asphalt Work from Sta.: 0+956 to Sta. 1+020



Photo#11: Installing of Filter Fabric/Geotextile



Photo#12: Welding Joints for 6" Pipeline



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Photo#13: Concrete Encasement at STA: 4+245



Photo#14: Installing Precast Chambers at Sta. 3+030 and Sta. 3+032



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Photo#15: Delivered Material/Flanges



Photo#16: Dust Control



Annexes

- A. Materials- Equipment Received Log**
- B. Site Memorandum Log**
- C. Inspection Request Log**
- D. Submittals Log**
- E. RFI's Log for the Reporting Period**
- F. Payment Log**
- G. Transmittal Log**
- H. Geo-MIS Data**
- I. Risk Register**
- J. Project Updated Schedule**
- K. One Month Look ahead Schedule**
- L. Completed and in progress activities**
- M. Progress S-Curve versus Actual**
- N. Approved Original CPM Schedule and Narrative Report**



Annex A:

Materials- Equipment Received Log



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-00-13-00002
TASK ORDER NO. AID-294-TO-14-00002



Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi
Booster Station - Phase I Pipeline Connection

Material Log		
Date	Material Delivered to Site	Quantity
Month : November 2014		
November 1, 2014	None	None
November 2, 2014	None	None
November 3, 2014	None	None
November 4, 2014	None	None
November 5, 2014	None	None
November 6, 2014	None	None
November 7, 2014	None	None
November 8, 2014	None	None
November 9, 2014	None	None
November 10, 2014	None	None
November 11, 2014	None	None
November 12, 2014	None	None
November 13, 2014	None	None
November 14, 2014	None	None
November 15, 2014	None	None
November 16, 2014	None	None
November 17, 2014	None	None
November 18, 2014	None	None
November 19, 2014	None	None
November 20, 2014	None	None
November 21, 2014	None	None
November 22, 2014	None	None
November 23, 2014	None	None
November 24, 2014	None	None
November 25, 2014	None	None
November 26, 2014	None	None
November 27, 2014	None	None
November 28, 2014	None	None
November 29, 2014	None	None
November 30, 2014	None	None
Month : December 2014		
December 1, 2014	None	None
December 2, 2014	None	None
December 3, 2014	None	None
December 4, 2014	Bedding Material (Somsom)	90-ton
December 5, 2014		
December 6, 2014	Bedding Material (Somsom)	60-ton
December 7, 2014	None	None



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Material Log		
Date	Material Delivered to Site	Quantity
December 8, 2014	Bedding Material (Somsom)	60-ton
	Single Size Material	30-ton
	Base Course Material	60-ton
December 9, 2014	Single Size Material	40-ton
December 10, 2014	Single Size Material	57-ton
	Concrete B-250	20.5m ³
December 11, 2014	None	None
December 12, 2014		
December 13, 2014	Bedding Material (Somsom)	55.020-ton
	Single Size Material	88.560-ton
December 14, 2014	Bedding Material (Somsom)	22.010-ton
	Single Size Material	84.620-ton
December 15, 2014	Bedding Material (Somsom)	28.0560-ton
	Single Size Material	116.470-ton
December 16, 2014	Single Size Material	114.110-ton
	Concrete B-250	1.0 m ³
December 17, 2014	Single Size Material	81.910-ton
	Bedding Material (Somsom)	57.420-ton
December 18, 2014	Single Size Material	28.250-ton
	Bedding Material (Somsom)	59.130-ton
December 19, 2014		
December 20, 2014	Single Size Material	29.300-ton
	Bedding Material (Somsom)	58.100-ton
December 21, 2014	Single Size Material	29.300-ton
	Bedding Material (Somsom)	58.100-ton
December 22, 2014	Single Size Material	28.140-ton
	Bedding Material (Somsom)	56.280-ton
December 23, 2014	Single Size Material	29.118-ton
	Bedding Material (Somsom)	56.252-ton
December 24, 2014	Single Size Material	84.110-ton
	Bedding Material (Somsom)	91.000-ton
December 25, 2014	Single Size Material	57.964-ton
December 26, 2014		
December 27, 2014	Single Size Material	56.450-ton
	Bedding Material (Somsom)	60.660-ton
	Concrete B-300	1.0 m ³
December 28, 2014		
December 29, 2014	Single Size Material	84.700-ton
	Concrete B-300	1.5 m ³



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Material Log		
Date	Material Delivered to Site	Quantity
December 30, 2014	Single Size Material	84.700-ton
	Bedding Material (Somsom)	84.700-ton
	Concrete B-300	1.5 m ³
	16 " Butterfly Valve	1 PC
December 31, 2014	Single Size Material	83.500-ton
	Bedding Material (Somsom)	58.375-ton
	Concrete B-300	1.5 m ³
Month : January 2015		
January 1, 2015	Single Size Material	57.420 ton
	Somsom Material	28.428 ton
	Concrete	1.5 m ³
January 2, 2015		
January 3, 2015	Single Size Material	28.300 ton
	Concrete	1.5 m ³
January 4, 2015	Concrete	1.5 m ³
January 5, 2015	Concrete	1.6 m ³
January 6, 2015	Concrete	1.6 m ³
	Single Size Material	54.113 ton
	Steel Flanges PN40/DN400	2 PCs
January 7, 2015	Concrete	1.6 m ³
January 8, 2015	None	None
January 9, 2015		
January 10, 2015	None	None
January 11, 2015	Concrete	1.6 m ³
January 12, 2015	Concrete	1.6 m ³
	Single Size Material	31.820 ton
January 13, 2015	Concrete	1.6 m ³
	Single Size Material	54.113 ton
	Holiday Test Machine (elcometer 280)	1 set
January 14, 2015	Concrete	1.6 m ³
	Single Size Material	57.030 ton
	Holiday Test Machine (elcometer 280)	1 set
January 15, 2015	Concrete	1.6 m ³
	Single Size Material	57.030 ton
	Mechanical Coupling (36.00" X 38.30")/Smith Blair type 413	2 PC
	36" Steel Pipe	2.5 m
January 16, 2015		



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Material Log		
Date	Material Delivered to Site	Quantity
January 17, 2015	Concrete	1.6 m ³
	Single Size Material	84.113 tom
January 18, 2015	Concrete	1.6 m ³
January 19, 2015	Concrete	1.6 m ³
	Single Size Material	85.127 ton
January 20, 2015	Concrete	1.6 m ³
	Single Size Material	85.127 ton
January 21, 2015	Concrete	1.6 m ³
	Single Size Material	28.113 ton
January 22, 2015	Concrete	1.6 m ³
	Single Size Material	56.127 ton
January 23, 2015		
January 24, 2015	Concrete	1.6 m ³
	Single Size Material	56.127 ton
	Rendroc S / FOSROC	25 Kg
	Tie Rod (30cm/6mm)	500 PCs
January 25, 2015	Concrete	1.6 m ³
	Single Size Material	56.127 ton
January 26, 2015	Concrete Barriers	1.6 m ³
	Single Size	28.118 m ³
January 27, 2015	Concrete Barriers	1.6 m ³
January 28, 2015	Concrete Barriers	1.6 m ³
	Single Size Material	57.565 ton
January 29, 2015	Concrete Barriers	1.6 m ³
	Single Size Material	28.113 ton
	Steel Flanges (3", 4", 6", 8", 10" & 12") (Hubbed Slip on-Type 12)	240 PCs
January 30, 2015	Concrete Barriers	1.6 m ³
	Single Size Material	57.113 ton
January 31, 2015	None	None
Month : February 2015		
February 1, 2015	Concrete Barriers	1.6 m ³
	Somsom Material	60.932 ton
	Single Size Material	28.770 ton
February 2, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Blinding Concrete)/B20	5 m ³
	Single Size Material	55.230 ton
	Somsom Material	28.190 ton



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 Booster Station - Phase I Pipeline Connection**

Material Log		
Date	Material Delivered to Site	Quantity
February 3, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	27.630 ton
	Somsom Material	28.960 ton
February 4, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	27.630 ton
	Concrete (Foundation)	10.5 m ³
	36.0" Flange Gasket	3 PCS
	38.3" Flange Gasket	3 PCs
	16" Steel Pipes	78 m long
	8" Steel Pipes	30 m long
	16" Elbows 90 ^o	8 PCs
16" Elbows 45 ^o	12 PCs	
February 5, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	111,140 ton
	Somsom Material	86,570 ton
February 6, 2015		
February 7, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (B300/Mofalfal)	8.0 m ³
	Single Size Material	30.460 ton
February 8, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	25.990 ton
	90° Steel Elbow (8") with cement lining and FBE coating.	3 PCs
	90° Steel Elbow (6") with cement lining and FBE coating.	6 PCs
8"X6" Steel reducer with cement lining and FBE coating.	1 PCs	
February 9, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	49.540 ton
	Somsom Material	56.490 ton
	90° Steel Elbow (6") with cement lining and FBE coating.	6 PCs
	6" Steel Pipes	10 m long
February 10, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	82.100 ton
	Somsom Material	29.030 ton



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Material Log		
Date	Material Delivered to Site	Quantity
February 11, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	53.910 ton
	Somsom Material	55.600 ton
	Concrete	15 m ³
February 12, 2015	HDPE 6" Pipe PN16/DN150 with cover for antennas	5 PCs
	Single Size Material	26.220 ton
February 13, 2015		
February 14, 2015	16"x16" Insulated Tee with cement lining	3 PCs
	Canusa Wrap with closure (WLO-B450-30-BK)	30m long
	Canusa Wrap/closure (CIW-B100-15-BK) thick 10 cm	15m long
	Canusa Wrap Tape 2" HCO (thick 10 cm/10 m long)	3 PCs
February 15, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Top Slab)	8.5 m ³
	Single Size Material	54.080 ton
	Somsom Material	83.820 ton
February 16, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	24.820 ton
February 17, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	57.060 ton
	Somsom Material	53.180 ton
	Single Size Material	24.450 ton
	Concrete (Foundations)	7 m ³
	Concrete (Encasement)	2 m ³
February 18, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	57.040 ton
	Somsom Material	28.090 ton
	Renderoc FC (FOSROC)	1x25 kg
	Renderoc S (FOSROC)	1x25 kg
	Nitoproof 30 (FOSROC)	2x18 liter
February 19, 2015		
February 20, 2015		
February 21, 2015		
February 22, 2015		
February 23, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Base Course Material	22.170 ton



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 Booster Station - Phase I Pipeline Connection**

Material Log		
Date	Material Delivered to Site	Quantity
February 24, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Base Course Material	20.970 ton
	Concrete (400 mm Check Valve)	4 m ³
February 25, 2015	Concrete Barriers	1.6 m ³
	Single Size Material	27.840 ton
	Single Size Material	26.530 ton
February 26, 2015	Concrete Barriers	1.6 m ³
	Single Size Material	27.130 ton
	Somsom Material	28.210 ton
	Concrete(Yatta Junction)	6.0 m ³
February 27, 2015		
February 28, 2015	Concrete Barriers	1.6 m ³
	Single Size Material	51.350 ton
	Somsom Material	28.570 ton
	Concrete(Yatta Junction)	2.0 m ³
March , 2015		
March 1, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Al Safi Booster Station)	6.5 m ³
March 2, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	111.480 ton
	Somsom Material	54.190 ton
March 3, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Al Safi Booster Station)	9.5 m ³
	Somsom Material	28.270 ton
	Single Size Material	28.070 ton
	Hydraulic Pipe Clamp (20")	1 PC
March 4, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Somsom Material	51,430 ton
	Base Course Material	31.500 ton
	Electrical Conduits	50 L.m
March 5, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Al Safi Booster Station)	4 m ³
	Nitocote EP 405	5 kg
	Single Size Material	58.020 ton
	16" Exposed steel pipes	12.2 L.m
	Blind Flanges	4 PCs
March 6, 2015		



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Material Log		
Date	Material Delivered to Site	Quantity
March 7, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Al Safi Booster Station)	6 m ³
	Single Size Material	56.120 ton
March 8, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Base Course	27.160 ton
	Somsom (Bedding) Material	80.350 ton
	Single Size Material	28.540 ton
March 9, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Somsom Material	27.660 ton
	Single Size Material	26.040 ton
March 10, 2015	Concrete (Concrete Barriers)	1.6 m ³
March 11, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (500mm Check Valve Chamber)	3.0 m ³
March 12, 2015		
March 13, 2015		
March 14, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Somsom Material	29.200 ton
	Single Size Material	27.850 ton
	Conbextra HF (25kg)	2 set
March 15, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Yatta Junction)	6.0 m ³
	Somsom Material	28.490 ton
March 16, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Yatta Junction)	2.0 m ³
	Somsom Material	51.920 ton
March 17, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single size material	53.450 ton
	Base Course Material	57.810 ton
March 18, 2015	Concrete (Concrete Barriers)	1.6 m ³
March 19, 2015	Concrete (Concrete Barriers)	1.6 m ³
March 20, 2015		
March 21, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Somsom Material	20.930 ton
March 22, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Welding Machine	2 Machine
	Nitoproof 30 (18 liter)	10 Barrel
	Somsom Material	47.260 ton



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Material Log		
Date	Material Delivered to Site	Quantity
March 23, 2015	Concrete (Concrete Barriers)	1.6 m ³
March 24, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Somsom Material	74.350 ton
	Concrete (Yatta Junction)	4 m ³
March 25, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Somsom Material	48.220 ton
March 26, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Yatta Junction)	7.0 m ³
	Concrete (Safety Signs)	1 m ³
	Somsom Material	46.410 ton
March 27, 2015		
March 28, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Yatta Junction)	1.5 m ³
	Concrete (Safety Signs)	1.5 m ³
	Somsom Material	45.630 ton
March 29, 2015	Somsom Material	50.600 ton
March 30, 2015	Single Size Material	23.870 ton
	Tie Rod (30cm/6mm)	100 PCs
March 31, 2015	Single Size Material	22.710 ton
	Base Course Material	22.130 ton
	Filter Fabric/Geotextile Material (200gr/1.67m width)	1000 L.m
	6" Steel Pipes (63 Pipes X12.2m)	768.6 L.m
	Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	64 PCs
April, 2015		
01-Apr-15	6" Steel Pipes (126 Pipes X12.2m)	1537.2 m long
	Pipe Heat Shrinkable Sleeve	127 PCs
	6"X3" Tee-Red Cement Lining/Epoxy Coating	2 PCs
	20" Elbow 45° Cement Lining/Epoxy Coating	3 PCs
	14" Elbow 90° Cement Lining/Epoxy Coating	1 PCs
	8" Elbow 90° Cement Lining/Epoxy Coating	4 PCs
	4" Elbow 90° Epoxy Coating	190 PCs
02-Apr-15	20" Steel Pipes (36 Pipes X12.2m)	439.2 m long
	18" Steel Pipes (1 Pipes X12.2m)	12.2 m long
	10" Steel Pipes (1 Pipes X12.2m)	12.2 m long
	4" Steel Pipes (3 Pipes X12.2m)	36.6 m long
	3" Steel Pipes (20 Pipes X12.2m)	244 m long
	Pipe Heat Shrinkable Sleeve	36 PCs
	Concrete (Foundation)	5 m ³



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Material Log		
Date	Material Delivered to Site	Quantity
	Base Course	59.350 ton
April 3, 2015		
04-Apr-15	Base Course Material	64.820 ton
	Somsom Material	51.550 ton
05-Apr-15	Somsom Material	54.390 ton
	Single Size Material	170.200 ton
	Base Course Material	72.010 ton
	6" Elbow 45°	5 PCs
06-Apr-15	20" Steel Pipes (54 Pipes X12.2m)	658.8 m long
	Somsom Material	86.520 ton
	Single Size Material	79.490 ton
	Base Course Material	30970 ton
	20" Steel Pipes (45 Pipes X12.2m)	549 m long
07-Apr-15	750mm Manhole Cover	68 PCs
	Concrete (Ras At Tawil Emergency Chamber)	8 m ³
	Somsom Material	58.880 ton
	Single Size Material	144.160 ton
08-Apr-15	Base Course Material	59.360 ton
	20" Steel Pipes (54 Pipes X12.2m)	658.8 m long
	Somsom Material	87.550 ton
09-Apr-15	Single Size Material	91.870 ton
	Base Course Material	132.010 ton
	Concrete (Ras At Tawil Emergency Chamber)	4 m ³
	Somsom Material	88.140 ton
April 10, 2015	Single Size Material	138.510 ton
	Base Course Material	60.250 ton
11-Apr-15	None	None
12-Apr-15	20" Steel Pipes (18 Pipes X 12.2m)	219.6 m long
13-Apr-15	None	None
14-Apr-15	Somsom Material	28.210 ton
	Single Size Material	196.660 ton
	Base Course Material	115.870 ton
	6" Combination Air Release Valve / D060 NS / PN16	2 PCs
	4" Combination Air Release Valve / D060 NS / PN16	9 PCs
	3" Combination Air Release Valve / D060 NS / PN16	5 PCs



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Material Log		
Date	Material Delivered to Site	Quantity
	2" Combination Air Release Valve / D015 NS / PN25	1 PC
	1" Combination Air Release Valve / D060 / PN16	16 PCs
	Steel Fittings	MRR-015
15-Apr-15	Somsom Material	117.450 ton
	Single Size Material	168.310 ton
	Base Course Material	96.170 ton
	Concrete (500mm BFV)	4 m ³
16-Apr-15	None	None
April 17, 2015		
18-Apr-15	Somsom Material	95.140 ton
	Single Size Material	122.470 ton
	Base Course Material	113.030 ton
	Flange Gasket, 2mm thickness	463 PCs m ³
19-Apr-15	Somsom Material	93.620 ton
	Single Size Material	147.270 ton
	Base Course Material	32.760 ton
	Bitumol M-10	10 Barrrel
	Bitumol STC	2 Barrel
20-Apr-15	Somsom Material	93.620 ton
	Single Size Material	147.270 ton
	Base Course Material	32.760 ton
	Bitumol M-10	10 Barrel
	Bitumol STC	2 Barrel
21-Apr-15	Somsom Material	109.990 ton
	Single Size Material	118.070 ton
	Base Course Material	163.690 ton
	Concrete (Encasement)	23 m ³
		9 LM long
	Asphalt Materials	56.58 Ton
	Concrete (500mm BFV)	2.5 m ³
22-Apr-15	Somsom Material	90.930 ton
	Single Size Material	204.510 ton
	Base Course Material	210.020 ton
23-Apr-15	None	None
April 24, 2015		
April 25	Somsom Material	293.160 ton
	Single Size Material	176.200 ton
	Base Course Material	270.000 ton



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Material Log		
Date	Material Delivered to Site	Quantity
	Concrete (Encasement)	20.5 LM long
		19.0 m ³
26-Apr-15	Somsom Material	90.340 ton
	Single Size Material	147.362 ton
	Base Course Material	178.150 ton
	Concrete (Encasement)	13.5 LM long
27-Apr-15	Somsom Material	90.980 ton
	Single Size Material	55.200 ton
	Base Course Material	118.900 ton
	Concrete (Encasement)	28.0 m ³
28-Apr-15	Somsom Material	89.650 ton
	Single Size Material	88.310 ton
	Base Course Material	90.690 ton
	¾" Asphalt Mix Design	36.0 ton
29-Apr-15	Somsom Material	60.680 ton
	Single Size Material	149340 ton
	Base Course Material	95.030 ton
	¾" Asphalt Mix Design	61.13 ton
30-Apr-15	Somsom Material	127.090 ton
	Single Size Material	57.060 ton
	Base Course Material	97.260 ton
	¾" Asphalt Mix Design	35.680 ton
May, 2015		
May 1, 2015		
May 2, 2015	Somsom Material	90.110 ton
	Single Size Material	56.050 ton
	Base Course Material	114.910 ton
	1.5X1.5X1.8m Pre-Cast Chamber	1 PC
	1.5X1.5X2.0m Pre-Cast Chamber	1 PC
May 3, 2015	Somsom Material	64.850 ton
	Single Size Material	56.930 ton
	Base Course Material	273.970 ton
	Concrete	2.5 m ³
	3" Blind Flange	5 PCs
	4" Blind Flange	4 PCs
8" Blind Flange	2 PCs	
May 4, 2015	Somsom Material	119.580 ton
	Single Size Material	108.990 ton
	Base Course Material	301.00 ton
	Concrete Encasement	10 M ³



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Material Log		
Date	Material Delivered to Site	Quantity
May 5, 2015	Somsom Material	61.170 ton
	Single Size Material	88.410 ton
	Base Course Material	90.374 ton
	Encasement Concrete (6")	1m long
	Encasement Concrete (3")	6.5m long
May 6, 2015	Somsom Material	25.390 ton
	Single Size Material	56.500 ton
	Base Course Material	26.926 ton
	Encasement Concrete (20")	(30 m ³)
	20" Steel Pipes (9 Pipes)	109.8 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	10 PCs
	1.5X1.5X1.8m Pre-Cast Chamber	1 PC
1.5X1.5X2.0m Pre-Cast Chamber	1 PC	
May 7, 2015	Somsom Material	89.010 ton
	Single Size Material	57.720 ton
	Base Course Material	121.570 ton
	Concrete (Washout Chamber)	6 m ³
	Concrete (F. M. Chamber)	17 m ³
	20" Steel Pipes (9 Pipes)	109.8 m long
	6" Steel Pipes (63 Pipes)	768.6 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	10 PCs
6" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	64 PCs	
May 8, 2015		
May 9, 2015	Somsom Material	152.100 ton
	Single Size Material	82.170 ton
	Base Course Material	158.030 ton
	Concrete (Washout Chamber)	1.5 m ³
	High Potential Magnesium Anodes 9.1 kg	200 PCs
	Handy Cap IP	213 PCs
May 10, 2015	Somsom Material	32.114 ton
	Single Size Material	29.140 ton
	Base Course Material	31.117 ton
	20" Steel Pipes (18 Pipes)	219.6 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	19 PCs



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Material Log		
Date	Material Delivered to Site	Quantity
May 11, 2015	Somsom Material	162.531 ton
	Single Size Material	54.250 ton
	Base Course Material	29.116 ton
	20" Steel Pipes (9 Pipes)	109.8 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	10 PCs
	6" Steel Pipes (63 Pipes)	768.6 m long
	6" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	64 PCs
May 12, 2015	Somsom Material	30.390 ton
	Single Size Material	84.480 ton
	Base Course Material	110.907 ton
	20" Steel Pipes (18 Pipes)	219.6 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	18 PCs
May 13, 2015	Somsom Material	316.630 ton
	Single Size Material	284.760 ton
	Base Course Material	90.340 ton
	20" Steel Pipes (9 Pipes)	109.8 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	9 PCs
	1.5X1.5X1.8 Pre-Cast Chamber	2 PCs
	Asphalt Mix	26.400 ton
	Concrete	21 m ³
May 14, 2015	Somsom Material	166.245 ton
	Single Size Material	93.000 ton
	Base Course Material	543.790 ton
	Encasement concrete	8.0 m long
May 15, 2015		
May 16, 2015	Somsom Material	100.255 ton
	Single Size Material	63.890 ton
	Base Course Material	32.119 ton
	Encasement concrete	4.15 m long
May 17, 2015	Somsom Material	318.685 ton
	Single Size Material	219.525 ton
	Base Course Material	158.621 ton
	Concrete	15.0 m ³
	Filter Fabric (Geotextile)	3655 m long
May 18, 2015	Somsom Material	167.980 ton
	Single Size Material	61.740 ton
	Base Course Material	31.280 ton
	Concrete	4.5 m ³



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Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi
Booster Station - Phase I Pipeline Connection

Material Log		
Date	Material Delivered to Site	Quantity
May 19, 2015	Somsom Material	219.680 ton
	Single Size Material	30.030 ton
	Base Course Material	94.200 ton
	Flange Adapter (DN400/PN16)	2 PCs
	Flange Adapter (DN500/PN16)	2 PCs
	Pressure Gauges (PN25 & PN40)	9 PCs
	6" Bermad Flow Control Valve	1 PC
	10" Bermad Flow Control Valve	2 PCs
	10" Bermad Proportional PRV	2 PCs
	16" Bermad Level Control Valve	1 PC
	PN16 DN150 Strainer / Bermad	1 PC
	PN25 DN250 Strainer / Bermad	2 PC
	Precast Chamber	4 PCs
May 20, 2015	Somsom Material	219.680 ton
	Single Size Material	30.030 ton
	Base Course Material	94.200 ton
	Concrete BFV Chamber	4 PCs
	Encasement Concrete	1.5 m long
May 21, 2015	Somsom Material	401.020 ton
	Single Size Material	146.435ton
	Base Course Material	91.710 ton
	Concrete BFV Chamber	2.5 PCs
	20" Steel Pipes (9 Pipes)	109.8 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	18 PCs
May 22, 2015		
May 23, 2015	Somsom Material	64.119 ton
	Single Size Material	28.114 ton
	Base Course Material	27.125 ton
	Concrete Encasement	26.0 m ³
	Precast Chamber	2 PCs
May 24, 2015	Somsom Material	63.142 ton
	Single Size Material	32.125 ton
	Base Course Material	34.179 ton
	Concrete Encasement	5.0 m ³
May 25, 2015	Somsom Material	663.780 ton
	Single Size Material	90.981 ton
	Base Course Material	151.986 ton
	Somsom Material	163.465 ton
	Single Size Material	31.645 ton
	Base Course Material	25.700 ton



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Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi
Booster Station - Phase I Pipeline Connection

Material Log		
Date	Material Delivered to Site	Quantity
May 26, 2015	3" Dismantling Joint/PN16	20 PCs
	Flange Insulation Kit/PN16 DN500, DN450, DN350, DN200, DN150 and DN100	27 PCs
	Flange ISO7005 TYPE 12 PN16 S.O R.F A-105 EU 20", 18", 16" and 14"	28 PCs
	Blind Flange PN-16 ST-37 3", 8" and 20"	12 PCs
	Concrete Encasement	6 m ³
	Pre-Cast Chamber	2 PCs
May 27, 2015	Somsom Material	123.250 ton
	Base Course Material	91.500 ton
	Concrete Encasement	11.5 m ³
May 28, 2015	Somsom Material	328.875 ton
	Base Course Material	33.200 ton
	Concrete Encasement	9.0 m ³
	20" Steel Pipes (9 Pipes)	109.8 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	18 PCs
May 29, 2015		
May 30, 2015	Somsom Material	30.175 ton
	Base Course Material	29.580 ton
	Concrete Encasement	4.0 m ³
May 31, 2015	Somsom Material	272.490 ton
	Base Course Material	153.980 ton
	Concrete Encasement	11.0 m ³
	Asphalt	59.540 ton
	20" Steel Pipes (9 Pipes)	109.8 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	9 PCs
	6" Steel Pipes (62 Pipes)	756.4 m long
6" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	62 PCs	



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Booster Station - Phase I Pipeline Connection

Updated Date : April 30, 2015

Equipment Log

Date Equipment		1-Apr-15	2-Apr-15	3-Apr-15	4-Apr-15	5-Apr-15	6-Apr-15	7-Apr-15	8-Apr-15	9-Apr-15	10-Apr-15	11-Apr-15	12-Apr-15	13-Apr-15	14-Apr-15	15-Apr-15	16-Apr-15	17-Apr-15	18-Apr-15	19-Apr-15	20-Apr-15	21-Apr-15	22-Apr-15	23-Apr-15	24-Apr-15	25-Apr-15	26-Apr-15	27-Apr-15	28-Apr-15	29-Apr-15	30-Apr-15		
Saw Cut Machine	Quantity in use																																
	Idle																																
Truck /IVECO DAILY	Quantity in use	3	3					6																									
	Idle																																
Generator VANTAGE 400	Quantity in use	1	1		1	1	1	1	1	1		1	1	1	1	1																	
	Idle																																
Electrical Vibrator	Quantity in use																																
	Idle																																
Crane	Quantity in use	1	1			7	7	3	2	2		2	2	2	2	2			2	2	2	2					2	2	2	2	2		
	Idle																																
Water Pump	Quantity in use																																
	Idle																																
Asphalt Cut Mashine	Quantity in use																				1	1	1						1			1	1
	Idle																																
Dump Truck	Quantity in use				1	4	5	5	5						5	5			5	5	5								5	5	5	5	
	Idle																																
Welding Machine	Quantity in use					2	3	3	3			3	3	3	3	3			4	3	3	6	6					3		3	3	3	
	Idle								1	1		1	1					1												1	1		



Annex B:

Site Memorandum Log

USAID WEST BANK - GAZA
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TASK ORDER NO. AID-294-TO-14-00002

**Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi
Booster Station - Phase I Pipeline Connection**

Updated Date :May 31, 2015

SITE MEMOS LOG_TO ENGINEER					
No.	SM No.	Project	Description	Submitted Date	Type
1	SM-14-00002-UDSI-E-C-001	UDSI	Installation of 3" Future Connections on the 6" Main Pipeline	January 11, 2015	Site Instruction
2	SM-14-00002-UDSI-E-C-002	UDSI	Response to SM-14-00002-UDSI-C-E-001(Network Branches with Gate Valve Chamber)	January 18, 2015	Other
3	SM-14-00002-UDSI-E-C-003	UDSI	Changes Proposal - Request to Submit VOR to Capture Changes in Location and Quantities of Chambers	January 29, 2015	Site Instruction
4	SM-14-00002-UDSI-E-C-004	UDSI	Relocation of flow monitoring chamber (Relocation of Flow Monitoring Chamber from Yatta-Junction to Yaqeen (Bani Naim) Reservoir")	February 24, 2015	Site Instruction
5	SM-14-00002-UDSI-E-C-005	UDSI	SM-14-00002-UDSI-E-C-005. Revised Site memo No.3	March 2, 2015	Retracted by CMC
6	SM-14-00002-UDSI-E-C-005	UDSI	Revised Site Memo# SM-14-00002-UDSI-E-C-003 - Chambers' Changes Proposal	March 10, 2015	Site Instruction
7	SM-14-00002-UDSI-E-C-006	UDSI	Modified Plan & Profile for the Road from Sta.2+100 to Sta. 5+585	April 7, 2015	Site Instruction
8	SM-14-00002-UDSI-E-C-007	UDSI	Email from Pal Tel Company- Damages to Fiber Optic Cable.	May 5, 2015	Site Instruction



Annex C:

Inspection Request Log



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Local Construction Program (LCP)
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TASK ORDER NO. AID-294-TO-14-00002



**Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi
 Booster Station - Phase I Pipeline Connection**

Updated Date :May 31, 2015

INSPECTION REQUEST LOG									
No.	IR No.	Description	Submitted Date	Inspection Date	Contract Due Date	Response Date	Review Days	1st Inspection	2nd Inspection
1	IR-14-00002-UDSI-001-A	Temporary Sign Installation (2 Signs) - Saer Temporary Sign & Bein Nacim Temporary Sign	December 14, 2014	December 15, 2014	December 16, 2014	December 15, 2014	0	A	
2	IR-14-00002-UDSI-002-A	Hand Over of CMC Primary Field Office - Saer (Ras AL-Taweel Project)	December 15, 2014	December 15, 2014	December 16, 2014	December 16, 2014	1	C	
3	IR-14-00002-UDSI-002-B	Hand Over of CMC Primary Field Office - Saer (Ras AL-Taweel Project)	December 17, 2014	December 17, 2014	December 18, 2014	December 17, 2014	0	A	
4	IR-14-00002-UDSI-003-A	Al-safi Temporary Sign Installation	December 22, 2014	December 23, 2014	December 24, 2014	December 24, 2014	1	A	
5	IR-14-00002-UDSI-004-A	Inspection for Steel Barrier Sample in reference to RFI # 1	December 27, 2014	December 28, 2014	December 29, 2014	December 29, 2014	1	A	
6	IR-14-00002-UDSI-005-A	Delivered Material (16" Butterfly valve -HAKOHAV / DN400PN40)	January 5, 2015	January 5, 2015	January 6, 2015	January 6, 2015	4	Retracted	
7	IR-14-00002-UDSI-005-A	Delivered Material (16" Butterfly valve -HAKOHAV / DN400PN40)	January 12, 2015	January 13, 2015	January 14, 2015	January 13, 2015	0	A	
8	IR-14-00002-UDSI-006-A	Pressure Leakage Test for existing 500m DIP pipeline from Halhul reservoir to route connection at sta.5+597	January 20, 2015	January 20, 2015	January 21, 2015	January 22, 2015	2	Retracted	
9	IR-14-00002-UDSI-006-A	Pressure Leakage Test for existing 500m DIP pipeline from Halhul reservoir to route connection at sta.5+597	January 25, 2015	January 25, 2015	January 26, 2015	February 5, 2015	44	Retracted	
10	IR-14-00002-UDSI-006-A	Formwork and Steel reinforcement for Flow Monitoring & Flow Control Valve Assembly prior to cast of concrete.	March 7, 2015	March 7, 2015	March 8, 2015	March 7, 2015	0	A	
11	IR-14-00002-UDSI-007-A	Welding and fabrication of Tee Assembly for Al-Safi Booster Station Connection	January 20, 2015	January 20, 2015	January 21, 2015	January 21, 2015	1	A	
12	IR-14-00002-UDSI-008-A	Marking the location for Bani Naim Reservoir Services Connection Chamber	January 26, 2015	January 27, 2015	January 28, 2015	January 27, 2015	0	A	
13	IR-14-00002-UDSI-009-A	Coating and cement lining repair of Tee Assembly for Al-Safi Booster Station Connection	January 29, 2015	February 1, 2015	February 2, 2015	February 1, 2015	0	C	
14	IR-14-00002-UDSI-009-B	Coating and cement lining repair of Tee Assembly for Al-Safi Booster Station Connection	February 5, 2015	February 5, 2015	February 6, 2015	February 5, 2015	0	A	
15	IR-14-00002-UDSI-010-A	Delivered Material to the site / 3", 4", 6", 10" and 12" Steel Flanges PN16 (Hubbed Slip on-Type 12). Refer to attached MRR and material certificates.	January 31, 2015	February 1, 2015	February 2, 2015	February 1, 2015	0	A	
16	IR-14-00002-UDSI-011-A	Install of safety signs and preparation works prior to start excavation for the Bani Naim Reservoir Service Connection Chamber.	January 31, 2015	January 31, 2015	February 1, 2015	January 31, 2015	0	A	
17	IR-14-00002-UDSI-012-A	Complete of excavation and cast of blinding concrete for Bani Naim Reservoir Service Connection Chamber prior to start of formwork & steel reinforcement for foundation.	February 2, 2015	February 2, 2015	February 3, 2015	February 2, 2015	0	A	



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Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi
Booster Station - Phase I Pipeline Connection

Updated Date :May 31, 2015

INSPECTION REQUEST LOG									
No.	IR No.	Description	Submitted Date	Inspection Date	Contract Due Date	Response Date	Review Days	1st Inspection	2nd Inspection
18	IR-14-00002-UDSI-013-A	Formwork and steel reinforcement for foundation for Bani Naim Service Connection Chamber prior to cast of concrete. (Time of cast concrete: 3:30 PM)	February 4, 2015	February 4, 2015	February 5, 2015	February 4, 2015	0	A	
19	IR-14-00002-UDSI-014-A	Material Delivered to the Site: •16" Steel Pipes (13 pipe X 6 m). •16" Elbows 90o (8 PCs).	February 5, 2015	February 5, 2015	February 6, 2015	February 5, 2015	0	A	
20	IR-14-00002-UDSI-015-A	Install of Tee for Al Safi Booster Station Connection	February 7, 2015	February 7, 2015	February 8, 2015	February 8, 2015	1	A	
21	IR-14-00002-UDSI-016-A	Formwork and steel reinforcement of wall for Bani Naim Service Connection Chamber prior to cast of concrete (Time of cast concrete: 3:30 PM)	February 11, 2015	February 11, 2015	February 12, 2015	February 11, 2015	0	A	
22	IR-14-00002-UDSI-017-A	Formwork and steel reinforcement of top slab for Bani Naim Service Connection Chamber prior to cast of concrete (Time of cast concrete: 3:30 PM)	February 12, 2015	February 14, 2015	February 15, 2015	February 15, 2015	1	D	A
23	IR-14-00002-UDSI-018-A	Inspect of casted precast chamber (Quantity: 23 chambers).	February 16, 2015	February 16, 2015	February 17, 2015	February 16, 2015	0	A	
24	IR-14-00002-UDSI-019-A	Apply of Bitumen for Bani Naim Reservoir Service Connection Chamber (1st coat & 2nd coat) prior to start backfill around the chamber	February 16, 2015	February 17, 2015	February 18, 2015	February 18, 2015	1	C	A
25	IR-14-00002-UDSI-020-A	Inspection of Foundations & Encasement-BFV Safi	February 17, 2015	February 17, 2015	February 18, 2015	February 18, 2015	1	A	
26	IR-14-00002-UDSI-021-A	Concrete Encasement for installed 16" pipes (between Equipment Pad and Inlet Butterfly Valve Chamber).	February 17, 2015	February 17, 2015	February 18, 2015	February 18, 2015	1	A	
27	IR-14-00002-UDSI-022-A	Welders Qualification Tests (refer to the attached ID and certificates).	February 22, 2015	February 24, 2015	February 25, 2015			Retracted	
28	IR-14-00002-UDSI-022-A	Welders Qualification Tests (refer to the attached ID and certificates).	March 2, 2015	March 3, 2015	March 4, 2015	March 5, 2015	2	A	
29	IR-14-00002-UDSI-023-A	Installing of safety signs in the Yatta Junction prior to start excavation for chambers.	February 22, 2015	February 23, 2015	February 24, 2015	February 24, 2015	1	A	
30	IR-14-00002-UDSI-024-A	Marking the location of check valve chambers in the Yatta Junction prior to start excavation.	February 22, 2015	February 23, 2015	February 24, 2015	February 24, 2015	1	A	
31	IR-14-00002-UDSI-025-A	Formwork and steel reinforcement of foundation for 400mm check valve chamber at Yatta Junction (Time of cast concrete: 4:00 PM)	February 24, 2015	February 24, 2015	February 25, 2015	February 24, 2015	0	A	
32	IR-14-00002-UDSI-026-A	Formwork and steel reinforcement of foundation for 400mm check valve chamber at Yatta Junction	February 25, 2015	February 25, 2015	February 26, 2015	February 26, 2015	1	A	
33	IR-14-00002-UDSI-027-A	Formwork and steel reinforcement of top slab for 400mm check valve chamber at Yatta Junction	February 26, 2015	February 28, 2015	March 1, 2015	March 1, 2015	1	A	
34	IR-14-00002-UDSI-028-A	Formwork and Steel reinforcement for DN300 butterfly valve chamber walls prior to cast of concrete.	March 1, 2015	March 1, 2015	March 2, 2015	March 2, 2015	1	A	



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**Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi
 Booster Station - Phase I Pipeline Connection**

Updated Date :May 31, 2015

INSPECTION REQUEST LOG									
No.	IR No.	Description	Submitted Date	Inspection Date	Contract Due Date	Response Date	Review Days	1st Inspection	2nd Inspection
35	IR-14-00002-UDSI-029-A	Surface preparation for walls of 400 mm Check Valve Chamber at Yatta Junction prior to apply bitumen (1st Coat & 2nd Coat).	March 3, 2015	March 3, 2015	March 4, 2015	March 3, 2015	0	D	
36	IR-14-00002-UDSI-029-B	Surface preparation for walls of 400 mm Check Valve Chamber at Yatta Junction prior to apply bitumen (1st Coat & 2nd Coat).	March 8, 2015	March 8, 2015	March 9, 2015	March 8, 2015	0	A	
37	IR-14-00002-UDSI-030-A	Formwork and Steel reinforcement for DN400 mm butterfly valve chamber walls prior to cast of concrete. Time of Cast concrete: March 03 2015 at 02:30 PM.	March 3, 2015	March 3, 2015	March 4, 2015	March 4, 2015	1	A	
38	IR-14-00002-UDSI-031-A	Surface preparation for walls of DN300mm Butterfly Valve Chamber at Al Safi Booster Station prior to apply bitumen (1st Coat & 2nd Coat).	March 4, 2015	March 4, 2015	March 5, 2015	March 4, 2015	0	A	
39	IR-14-00002-UDSI-032-A	Surface preparation for walls of DN400mm Butterfly Valve Chamber at Al Safi Booster Station prior to apply bitumen (1st Coat & 2nd Coat)	March 4, 2015	March 4, 2015	March 5, 2015	March 5, 2015	1	C	
40	IR-14-00002-UDSI-032-B	Surface preparation for walls of DN400mm Butterfly Valve Chamber at Al Safi Booster Station prior to apply bitumen (1st Coat & 2nd Coat).	March 7, 2015	March 7, 2015	March 8, 2015	March 8, 2015	1	A	
41	IR-14-00002-UDSI-033-A		Reconstruction of the concrete wall and fence section that demolished during pipeline trench excavation and Tee installation.	March 4, 2015	March 3, 2015	March 4, 2015	March 5, 2015	1	C
42	IR-14-00002-UDSI-033-B	Reconstruction of the concrete wall and fence section that demolished during pipeline trench excavation and Tee installation.	March 15, 2015	March 15, 2015	March 16, 2015	March 16, 2015	1	C	
43	IR-14-00002-UDSI-033-C	Reconstruction of the concrete wall and fence section that demolished during pipeline trench excavation and Tee installation.	April 5, 2015	April 5, 2015	April 6, 2015	April 6, 2015	1	A	
44	IR-14-00002-UDSI-034-A	•Formwork and Steel reinforcement for DN300mm Butterfly Valve Chamber Top Slab prior to cast of concrete. Time of Cast concrete: March 05 2015 at 03:00 PM.	March 5, 2015	March 5, 2015	March 6, 2015	March 5, 2015	0	A	
45	IR-14-00002-UDSI-035-A	•Formwork and Steel reinforcement for DN400mm Butterfly Valve Chamber Top Slab prior to cast of concrete.	March 5, 2015	March 5, 2015	March 6, 2015	March 5, 2015	0	A	
46	IR-14-00002-UDSI-036-A	•16" Exposed Steel Pipes (2 pipe X 12.2 m).	March 7, 2015	March 7, 2015	March 8, 2015	March 8, 2015	1	A	
47	IR-14-00002-UDSI-037-A	Marking the location of 500mm check valve chamber in the Yatta Junction prior to start excavation.	March 8, 2015	March 8, 2015	March 9, 2015	March 8, 2015	0	A	
48	IR-14-00002-UDSI-038-A	Safety arrangement and excavation for 500mm Check Valve chamber at Yatta Junction prior to start of formwork & steel reinforcement for foundation.	March 10, 2015	March 10, 2015	March 11, 2015	March 10, 2015	0	A	
49	IR-14-00002-UDSI-039-A	Formwork & steel reinforcement of foundation for 500mm Check Valve chamber at Yatta Junction prior to cast of concrete.	March 11, 2015	March 11, 2015	March 12, 2015	March 11, 2015	0	A	
50	IR-14-00002-UDSI-040-A	Formwork & steel reinforcement of Walls for 500mm Check Valve chamber at Yatta Junction prior to cast of concrete	March 12, 2015	March 14, 2015	March 15, 2015	March 15, 2015	1	C	A
51	IR-14-00002-UDSI-041-A	Offsite Inspection for bare steel pipes DN150 prior to apply Coating and Lining. Refer to attached certificates.	March 16, 2015	March 16, 2015	March 17, 2015	March 17, 2015	1	C	



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**Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi
 Booster Station - Phase I Pipeline Connection**

Updated Date :May 31, 2015

INSPECTION REQUEST LOG									
No.	IR No.	Description	Submitted Date	Inspection Date	Contract Due Date	Response Date	Review Days	1st Inspection	2nd Inspection
52	IR-14-00002-UDSI-041-B	Offsite Inspection for bare steel pipes DN150 prior to apply Coating and Lining. Refer to attached certificates.	March 18, 2015	March 19, 2015	March 20, 2015	March 22, 2015	3	A	
53	IR-14-00002-UDSI-042-A	Marking the location of Ras At Tawil Emergency Service Connection Chamber/DN100mm.	March 15, 2015	March 16, 2015	March 17, 2015	March 16, 2015	0	A	
54	IR-14-00002-UDSI-043-A	Formwork & steel reinforcement of Top Slab for 500mm Check Valve chamber at Yatta Junction prior to cast of concrete.	March 16, 2015	March 16, 2015	March 17, 2015	March 16, 2015	0	A	
55	IR-14-00002-UDSI-044-A	Welders Qualification Tests (refer to the attached ID).	March 17, 2015	March 18, 2015	March 19, 2015	March 18, 2015	0	A	
56	IR-14-00002-UDSI-045-A	Surface Preparation & Apply coating prior to backfilling for 500 Check Valve at Yatta)	March 17, 2015	March 17, 2015	March 18, 2015	March 17, 2015	0	A	
57	IR-14-00002-UDSI-046-A	Offsite Inspection for bare steel pipes DN500 prior to apply Coating and Lining. Refer to attached certificates.	March 18, 2015	March 19, 2015	March 20, 2015	March 22, 2015	3	C	
58	IR-14-00002-UDSI-046-B	Offsite Inspection for bare steel pipes DN500 prior to apply Coating and Lining. Refer to attached certificates.	April 1, 2015	April 1, 2015	April 2, 2015	April 1, 2015	0	A	
59	IR-14-00002-UDSI-047-A	Marking the location of chambers - 500mm Butterfly Valve Yatta Junction	March 17, 2015	March 19, 2015	March 20, 2015	March 19, 2015	0	A	
60	IR-14-00002-UDSI-048-A	Marking the location of trench for proposed pipelines sta1000 to 1500	March 22, 2015	March 22, 2015	March 23, 2015	March 22, 2015	0	A	
61	IR-14-00002-UDSI-049-A	Inspect of casted precast chamber (Quantity: 6 chambers) at Al-Amir Factory.	March 22, 2015	March 22, 2015	March 23, 2015	March 22, 2015	0	A	
62	IR-14-00002-UDSI-050-A	Inspect of casted Manhole	March 23, 2015	March 24, 2015	March 25, 2015	March 24, 2015	0	Retracted	
63	IR-14-00002-UDSI-050-A	Formwork & Steel Reinforcement for 500mm BFV at Yatta Junction Foundations	March 24, 2015	March 24, 2015	March 25, 2015	March 24, 2015	0	A	
64	IR-14-00002-UDSI-051-A	Formwork & Steel Reinforcement for 500mm BFV at Yatta Junction Walls	March 26, 2015	March 26, 2015	March 27, 2015	March 26, 2015	0	A	
65	IR-14-00002-UDSI-052-A	Inspection of Manhole Cover Al-Haddad Workshop	March 26, 2015	March 26, 2015	March 27, 2015	March 29, 2015	3	C	
66	IR-14-00002-UDSI-052-B	Inspect of 750mm Manhole Covers at Haddad Steel Factory. (Quantity: 66 Covers). Note: Refer to inspection request number IR-14-00002-UDSI-064-A and Submittal no. SUB-14-00002-UDSI-164-A.	April 15, 2015	April 15, 2015	April 16, 2015	April 15, 2015	0	A	
67	IR-14-00002-UDSI-053-A	Formwork & steel reinforcement of top slab for 500mm Butterfly Valve chamber at Yatta Junction prior to cast of concrete.	March 26, 2015	March 28, 2015	March 29, 2015	March 28, 2015	0	A	
68	IR-14-00002-UDSI-054-A	Inspection for ciming lining & coating for DN 150mm & 500mm steel pipe at Avarot.	March 29, 2015	March 30, 2015	March 31, 2015	March 31, 2015	1	A	



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**Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi
 Booster Station - Phase I Pipeline Connection**

Updated Date :May 31, 2015

INSPECTION REQUEST LOG									
No.	IR No.	Description	Submitted Date	Inspection Date	Contract Due Date	Response Date	Review Days	1st Inspection	2nd Inspection
69	IR-14-00002-UDSI-055-A	Safety arrangement and signs installation for Ras At Tawil Emergency Service Connection Chamber/DN100mm prior to start excavation.	March 29, 2015	March 29, 2015	March 30, 2015	March 31, 2015	2	D	A
70	IR-14-00002-UDSI-056-A	Close out of March 2015 Environmental Check List.	March 30, 2015	March 31, 2015	April 1, 2015	March 31, 2015	0	A	
71	IR-14-00002-UDSI-057-A	Complete excavation for Ras At Tawil Emergency Service Connection Chamber/DN100mm prior to start formwork and steel reinforcement for foundation.	March 30, 2015	March 30, 2015	March 31, 2015	March 30, 2015	0	D	A
72	IR-14-00002-UDSI-058-A	Surface preparation and apply of coating (1st & 2nd layers) for DN500mm Butterfly Valve Chamber at Yatta Junction prior to start backfilling around and above the chamber.	March 31, 2015	March 31, 2015	April 1, 2015	March 31, 2015	0	A	
73	IR-14-00002-UDSI-059-A	Inspect of delivered material: Filter Fabric (Geotextile) Material (200gr/1.67m width). Refer to attached Material Receiving Report (1000m long).	March 31, 2015	March 31, 2015	April 1, 2015	April 2, 2015	2	A	
74	IR-14-00002-UDSI-060-A	Inspect of delivered material: Steel Fittings (Tee and Elbows). Refer to attached Material Receiving Report.	April 2, 2015	April 2, 2015	April 3, 2015	April 2, 2015	0	A	
75	IR-14-00002-UDSI-061-A	Inspect of delivered material: 3", 4", 6", 10" and 18" Steel Pipes and Pipe Heat Shrinkable Sleeve). Refer to attached Material Receiving Report.	April 6, 2015	April 6, 2015	April 7, 2015	April 7, 2015	1	A	
76	IR-14-00002-UDSI-062-A	Formwork & steel reinforcement of Foundation for Ras At Tawil Emergency Service Connection Chamber/DN100mm prior to cast of concrete. Time of Cast concrete: April 02, 2015 at 03:30 PM.	April 6, 2015	April 6, 2015	April 7, 2015	April 7, 2015	1	A	
77	IR-14-00002-UDSI-063-A	Applying of Bitumen Coating (1st and 2nd Layers) for precast chamber (Quantity: 30 chambers) at Al-Amir Factory prior to start installation.	April 6, 2015	April 6, 2015	April 7, 2015	April 7, 2015	1	A	
78	IR-14-00002-UDSI-064-A	Inspect of delivered material: 750mm Manhole Cover. Refer to attached Material Receiving Report. (All certificates and test reports will be submitted separately).	April 7, 2015	April 7, 2015	April 8, 2015	April 7, 2015	0	A	
79	IR-14-00002-UDSI-065-A	Formwork & steel reinforcement of Top Slab for Ras At Tawil Emergency Service Connection Chamber/DN100mm prior to cast of concrete.	April 7, 2015	April 8, 2015	April 9, 2015	April 9, 2015	1	A	
80	IR-14-00002-UDSI-066-A	Inspect of delivered material: 20" Steel Pipes and Pipe Heat Shrinkable Sleeve. Refer to attached Material Receiving Report.	April 8, 2015	April 8, 2015	April 9, 2015	April 8, 2015	0	A	
81	IR-14-00002-UDSI-067-A	Surface preparation for Ras At Tawil Emergency Service Connection Chamber/DN100mm prior to apply coating (1st & 2nd layers).	April 13, 2015	April 13, 2015	April 14, 2015	April 14, 2015	1	C	
82	IR-14-00002-UDSI-067-B	Surface preparation for Ras At Tawil Emergency Service Connection Chamber/DN100mm prior to apply coating (1st & 2nd layers).	April 15, 2015	April 15, 2015	April 16, 2015	April 15, 2015	0	A	
83	IR-14-00002-UDSI-068-A	Applying of Bitumen Coating (1st and 2nd Layers) for Ras At Tawil Emergency Service Connection Chamber/DN100mm prior to start backfilling around and above the chamber.	April 15, 2015	April 15, 2015	April 16, 2015	April 15, 2015	0	A	
84	IR-14-00002-UDSI-069-A	Safety arrangement for 500mm Butterfly Valve Chamber at STA: 1+017.	April 15, 2015	April 15, 2015	April 16, 2015	April 15, 2015	0	A	
85	IR-14-00002-UDSI-070-A	Complete Excavation for 500mm Butterfly Valve Chamber at STA: 1+017 prior to start formwork and steel reinforcement for chamber foundation.	April 15, 2015	April 15, 2015	April 16, 2015	April 15, 2015	0	A	



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**Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi
 Booster Station - Phase I Pipeline Connection**

Updated Date :May 31, 2015

INSPECTION REQUEST LOG									
No.	IR No.	Description	Submitted Date	Inspection Date	Contract Due Date	Response Date	Review Days	1st Inspection	2nd Inspection
86	IR-14-00002-UDSI-071-A	Formwork and steel reinforcement for Foundation of 500mm Butterfly Valve Chamber at STA: 1+017 prior to cast of concrete.	April 15, 2015	April 15, 2015	April 16, 2015	April 16, 2015	1	A	
87	IR-14-00002-UDSI-072-A	Inspect of delivered material: 1", 2", 3", 4" AND 6" Combination Air Release Valve. Refer to attached Material Receiving Report and certificates.	April 16, 2015	April 16, 2015	April 17, 2015	April 19, 2015	3	C	
88	IR-14-00002-UDSI-073-A	Formwork and steel reinforcement for Walls of 500mm Butterfly Valve Chamber at STA: 1+017 prior to cast of concrete.	April 16, 2015	April 18, 2015	April 19, 2015	April 20, 2015	2	C	A
89	IR-14-00002-UDSI-074-A	Inspect of delivered material: Flange Gasket 2mm thickness-type AFM34 (VICTOR REINZ). Refer to attached Material Receiving Report.	April 19, 2015	April 20, 2015	April 21, 2015	April 23, 2015	3	C	
90	IR-14-00002-UDSI-075-A	Radiographic Tests for welded joints.	April 19, 2015	April 20, 2015	April 21, 2015	April 21, 2015	1	A	
91	IR-14-00002-UDSI-076-A	Compaction Tests and preparing of base course layer prior to spread MC and apply of asphalt (1st layer) from STA: 1+020 to STA: 1+350. Compaction test reports will be submitted.	April 20, 2015	April 20, 2015	April 21, 2015	April 20, 2015	0	A	
92	IR-14-00002-UDSI-077-A	Formwork and steel reinforcement for top slab of 500mm Butterfly Valve Chamber at STA: 1+017 prior to cast of concrete.	April 21, 2015	April 21, 2015	April 22, 2015	April 21, 2015	0	A	
93	IR-14-00002-UDSI-078-A	Marking the location of trench for proposed 6" pipeline at start point (STA: 1+000) prior to start connection with existing pipeline.	April 22, 2015	April 22, 2015	April 23, 2015	April 22, 2015	0	A	
94	IR-14-00002-UDSI-079-A	Surface preparation and Applying of Bitumen Coating (1st and 2nd Layers) for 500mm Butterfly Valve Chamber at STA: 1+017 prior to start backfilling around and above the chamber.	April 22, 2015	April 22, 2015	April 23, 2015	April 22, 2015	0	A	
95	IR-14-00002-UDSI-080-A	Compaction Tests and preparing of base course layer prior to spread MC and apply of asphalt (1st layer) from STA: 1+350 to STA: 1+860. Compaction test reports will be submitted separately.	April 27, 2015	April 27, 2015	April 28, 2015	April 28, 2015	1	A	
96	IR-14-00002-UDSI-081-A	Inspect of delivered material: ROMAC Model IRC400 Transition Coupling: 21.60" OD X 20.00" OD for DIP to Steel Connection (DN500). Refer to attached Material Receiving Report. Material certificates and test reports will be submitted later.	April 29, 2015	April 29, 2015	April 30, 2015	April 29, 2015	0	A	
97	IR-14-00002-UDSI-082-A	Welders Qualification Tests (2 Welders. Welders ID will be submitted with certificates).	April 29, 2015	April 30, 2015	May 1, 2015	May 5, 2015	5	A	
98	IR-14-00002-UDSI-083-A	Installed of 3" Gate Valve Precast Chamber and Fabrication & Welding the pipes / STA: 1+440 prior to backfilling works around and above the chamber.	May 4, 2015	May 4, 2015	May 5, 2015	May 5, 2015	1	A	
99	IR-14-00002-UDSI-084-A	Formwork and steel reinforcement for Foundation of Washout Chamber at STA: 1+205 prior to cast of concrete. Time of Cast concrete: May 3, 2015 at 01:30 PM.	May 3, 2015	May 3, 2015	May 4, 2015	May 4, 2015	1	A	
100	IR-14-00002-UDSI-085-A	Installed of 6" Gate Valve Precast Chamber and Fabrication & Welding the pipes / STA: 0+960 prior to backfilling works around and above the chamber.	May 4, 2015	May 4, 2015	May 5, 2015	May 5, 2015	1	A	
101	IR-14-00002-UDSI-086-A	Inspect of delivered material: Instrumentations and accessories. Refer to attached Material Receiving Report. Material certificates and test reports will be submitted separately. Location: LIGHT Electro-Mechanical Contracting CO/Nablus	May 6, 2015	May 11, 2015	May 12, 2015	May 11, 2015	0	D	
102	IR-14-00002-UDSI-087-A	Inspect of delivered material: Instrumentations and accessories. Refer to attached Material Receiving Report. Material certificates and test reports will be submitted separately. Location: SIEMENS Stores / Near Tel Aviv Airport / Israel	May 6, 2015	May 11, 2015	May 12, 2015	May 11, 2015	0	D	

Legend: A: No Exceptions Noted, C:Amend-Resubmit, D:Rejected-Resubmit, P:Pending



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Booster Station - Phase I Pipeline Connection

Updated Date :May 31, 2015

INSPECTION REQUEST LOG									
No.	IR No.	Description	Submitted Date	Inspection Date	Contract Due Date	Response Date	Review Days	1st Inspection	2nd Inspection
103	IR-14-00002-UDSI-088-A	Formwork and steel reinforcement for Walls of Washout Chamber at STA: 1+205 prior to cast of concrete. Time of Cast concrete: May 6, 2015 at 03:30 PM.	May 6, 2015	May 6, 2015	May 7, 2015	May 7, 2015	1	A	
104	IR-14-00002-UDSI-089-A	Radiographic Tests for welded joints. Location: STA: 2+500 (5 Joints 20" & 5 Joints 6")	May 7, 2015	May 7, 2015	May 8, 2015	May 7, 2015	0	A	
105	IR-14-00002-UDSI-090-A	Formwork and steel reinforcement for Foundation of Flow Monitoring Chamber at STA: 2+510 prior to cast of concrete. Time of Cast concrete: May 7, 2015 at 02:30 PM.	May 7, 2015	May 7, 2015	May 8, 2015	May 7, 2015	0	A	
106	IR-14-00002-UDSI-091-A	Installed of transition coupling and complete of southern connecting the 500mm Steel pipes to existing 500mm DIP.	May 7, 2015	May 7, 2015	May 8, 2015	May 7, 2015	0	A	
107	IR-14-00002-UDSI-092-A	Formwork and steel reinforcement for top slab of Washout Chamber at STA: 1+205 prior to cast of concrete. Time of Cast concrete: May 9, 2015 at 03:30 PM.	May 7, 2015	May 9, 2015	May 10, 2015	May 9, 2015	0	A	
108	IR-14-00002-UDSI-093-A	Inspect of delivered material: High Potential Magnesium Anodes 9.1 kg and Handy Cap. Refer to attached Material Receiving Report and Material certificates.	May 10, 2015	May 10, 2015	May 11, 2015	May 12, 2015	2	A	
109	IR-14-00002-UDSI-094-A	Formwork and steel reinforcement for Walls of Flow Monitoring Chamber at STA: 2+510 prior to cast of concrete. Time of Cast concrete: May 13, 2015 at 10:00 AM.	May 13, 2015	May 13, 2015	May 14, 2015	May 14, 2015	1	A	
110	IR-14-00002-UDSI-095-A	Installed of 3" Gate Valve Precast Chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 1+961 prior to backfilling works around and above the chamber.	May 13, 2015	May 13, 2015	May 14, 2015	May 14, 2015	1	A	
111	IR-14-00002-UDSI-096-A	Installed of 6" Gate Valve Precast Chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 1+959 prior to backfilling works around and above the chamber.	May 13, 2015	May 13, 2015	May 14, 2015	May 14, 2015	1	A	
112	IR-14-00002-UDSI-097-A	Surface preparation and Applying of Bitumen Coating (1st and 2nd Layers) for 8" Washout Chamber at STA: 1+205 prior to start backfilling around the chamber.	May 13, 2015	May 13, 2015	May 14, 2015	May 14, 2015	1	A	
113	IR-14-00002-UDSI-098-A	Compaction Tests and preparing of base course layer prior to spread MC and apply of asphalt (1st layer) from STA: 0+956 to STA: 1+020. Compaction test reports will be submitted separately.	May 13, 2015	May 13, 2015	May 14, 2015	May 14, 2015	1	A	
114	IR-14-00002-UDSI-099-A	Inspect of delivered material: 6" and 20" Steel Pipes and Pipe Heat Shrinkable Sleeve. Refer to attached Material Receiving Report.	May 14, 2015	May 14, 2015	May 15, 2015	May 16, 2015	2	A	
115	IR-14-00002-UDSI-100-A	Formwork and steel reinforcement for Top Slab of Flow Monitoring Chamber at STA: 2+510 prior to cast of concrete. Time of Cast concrete: May 17, 2015 at 10:00 AM	May 17, 2015	May 17, 2015	May 18, 2015	May 17, 2015	0	A	
116	IR-14-00002-UDSI-101-A	Connection 150mm to one existing pipe (As per drawing C-0003)/Bani Naim Area STA: 0+956	May 17, 2015	May 17, 2015	May 18, 2015	May 17, 2015	0	A	
117	IR-14-00002-UDSI-102-A	Installed of 3" Gate Valve Precast Chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 2+940 prior to backfilling works around and above the chamber.	May 17, 2015	May 17, 2015	May 18, 2015	May 20, 2015	3	A	
118	IR-14-00002-UDSI-103-A	Formwork and steel reinforcement for Foundation of Butterfly Valve Chamber at STA: 2+513 prior to cast of concrete. Time of Cast concrete: May 18, 2015 at 04:00 PM.	May 18, 2015	May 18, 2015	May 19, 2015	May 18, 2015	0	C	A
119	IR-14-00002-UDSI-104-A	Inspect of delivered material: DIP Flange Adapter (DN400 / PN16) / Flange Adaptor PN16 MaxiDaptor VIKING JOHNSON. Refer to attached Material Receiving Report.	May 19, 2015	May 20, 2015	May 21, 2015	May 21, 2015	1	A	



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INSPECTION REQUEST LOG									
No.	IR No.	Description	Submitted Date	Inspection Date	Contract Due Date	Response Date	Review Days	1st Inspection	2nd Inspection
120	IR-14-00002-UDSI-105-A	Inspect of delivered material: Pressure Gauge Assembly WIKA Model no. 233.34. Certificates will be submitted separately. 1.Pressure Gauge Assembly WIKA Model no. 233.34 (PN25) / 8 PCs.	May 19, 2015	May 20, 2015	May 21, 2015	May 21, 2015	1	C	
121	IR-14-00002-UDSI-106-A	Inspect of delivered material: Bermad Control Valves. Certificates will be submitted separately. 1.6" Flow Control Valve / 1 PC 2.10" Flow Control Valve / 2 PCs	May 19, 2015	May 20, 2015	May 21, 2015	May 24, 2015	4	D	
122	IR-14-00002-UDSI-107-A	Formwork and steel reinforcement for Walls of Butterfly Valve Chamber at STA: 2+513 prior to cast of concrete. Time of Cast concrete: May 20, 2015 at 10:00 AM.	May 19, 2015	May 20, 2015	May 21, 2015	May 21, 2015	1	A	
123	IR-14-00002-UDSI-108-A	Inspect of delivered material: Bermad Strainer. Certificates will be submitted separately. 1.PN16/DN150 Strainer / 1 PC 2.PN25/DN250 Strainer / 2 PCs	May 20, 2015	May 20, 2015	May 21, 2015	May 21, 2015	1	C	
124	IR-14-00002-UDSI-108-B	Inspect of delivered material: Bermad Strainer. Certificates will be submitted separately. 1.PN16/DN150 Strainer / 1 PC 2.PN25/DN250 Strainer / 2 PCs	May 26, 2015	May 26, 2015	May 27, 2015	May 27, 2015	1	A	
125	IR-14-00002-UDSI-109-A	Installed of 150mm Air Vent Precast Chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 2+220 prior to backfilling works around and above the chamber.	May 20, 2015	May 20, 2015	May 21, 2015	May 21, 2015	1	A	
126	IR-14-00002-UDSI-110-A	Installed of 500mm Air Vent Precast Chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 2+222 prior to backfilling works around and above the chamber.	May 20, 2015	May 20, 2015	May 21, 2015	May 21, 2015	1	A	
127	IR-14-00002-UDSI-111-A	Surface preparation and Applying of Bitumen Coating (1st and 2nd Layers) for Flow Monitoring Chamber at STA: 2+510 prior to start backfilling around the chamber. Location: Flow Monitoring Chamber STA: 2+510	May 20, 2015	May 20, 2015	May 21, 2015	May 21, 2015	1	A	
128	IR-14-00002-UDSI-112-A	Installed of 3" Gate Valve Precast Chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 2+367 prior to backfilling works around and above the chamber.	May 20, 2015	May 20, 2015	May 21, 2015	May 21, 2015	1	A	
129	IR-14-00002-UDSI-113-A	Formwork and steel reinforcement for Top Slab of Butterfly Valve Chamber at STA: 2+513 prior to cast of concrete. Time of Cast concrete: May 21, 2015 at 03:00 PM.	May 21, 2015	May 21, 2015	May 22, 2015	May 24, 2015	3	A	
130	IR-14-00002-UDSI-114-A	Surface preparation and Applying of Bitumen Coating (1st and 2nd Layers) for Butterfly Valve Chamber at STA: 2+513 prior to start backfilling around the chamber. Location: Butterfly Valve Chamber STA: 2+513	May 24, 2015	May 24, 2015	May 25, 2015	May 25, 2015	1	A	
131	IR-14-00002-UDSI-115-A	Installed of DN150mm Air Vent Precast Chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 3+030 prior to backfilling works around and above the chamber.	May 24, 2015	May 24, 2015	May 25, 2015	May 25, 2015	1	C	
132	IR-14-00002-UDSI-115-B	Installed of DN150mm Air Vent Precast Chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 3+030 prior to backfilling works around and above the chamber.	May 28, 2015	May 28, 2015	May 29, 2015	May 28, 2015	0	A	
133	IR-14-00002-UDSI-116-A	Installed of DN500mm Air Vent Precast Chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 3+032 prior to backfilling works around and above the chamber.	May 24, 2015	May 24, 2015	May 25, 2015	May 25, 2015	1	C	
134	IR-14-00002-UDSI-116-B	Installed of DN500mm Air Vent Precast Chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 3+032 prior to backfilling works around and above the chamber.	May 28, 2015	May 28, 2015	May 29, 2015	May 28, 2015	0	A	
135	IR-14-00002-UDSI-117-A	Installed of air vent pipes, manhole covers and Fabrication & Welding the pipes around the Flow Monitoring chamber / STA: 2+510 prior to backfilling works around and above the chamber.	May 24, 2015	May 24, 2015	May 25, 2015	May 25, 2015	1	C	
136	IR-14-00002-UDSI-117-B	Installed of air vent pipes, manhole covers and Fabrication & Welding the pipes around the Flow Monitoring chamber / STA: 2+510 prior to backfilling works around and above the chamber.	May 31, 2015	May 30, 2015	May 31, 2015	May 31, 2015	1	A	



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Updated Date :May 31, 2015

INSPECTION REQUEST LOG									
No.	IR No.	Description	Submitted Date	Inspection Date	Contract Due Date	Response Date	Review Days	1st Inspection	2nd Inspection
137	IR-14-00002-UDSI-118-A	Installed of air vent pipes, manhole cover and Fabrication & Welding the pipes around the Butterfly Valve chamber / STA: 2+513 prior to backfilling works around and above the chamber.	May 24, 2015	May 24, 2015	May 25, 2015	May 25, 2015	1	C	
138	IR-14-00002-UDSI-118-B	Installed of air vent pipes, manhole cover and Fabrication & Welding the pipes around the Butterfly Valve chamber / STA: 2+513 prior to backfilling works around and above the chamber.	May 27, 2015	May 27, 2015	May 28, 2015	May 27, 2015	0	A	
139	IR-14-00002-UDSI-119-A	Close out of May 2015 Environmental Check List.	May 25, 2015	May 25, 2015	May 26, 2015	May 25, 2015	0	A	
140	IR-14-00002-UDSI-120-A	Pressure Leakage Test for 150m steel pipeline	May 25, 2015	May 25, 2015	May 26, 2015	May 26, 2015	1	A	
141	IR-14-00002-UDSI-121-A	Inspect of delivered material: 3" Dismantling Joints. Refer to attached certificates and material receiving report. 1.3" Dismantling Joints/PN16 – 20 PCs.	May 27, 2015	May 27, 2015	May 28, 2015	May 31, 2015	4	A	
142	IR-14-00002-UDSI-122-A	Inspect of delivered material: 20", 18", 16", & 14" Flange ISO7005 TYPE 12 PN16. Refer to attached certificates and material receiving report.	May 28, 2015	May 28, 2015	May 29, 2015	May 31, 2015	3	A	
143	IR-14-00002-UDSI-123-A	Installed of 3" Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 2+506 prior to backfilling works around and above the chamber.	May 31, 2015	May 30, 2015	May 31, 2015	May 31, 2015	1	A	
144	IR-14-00002-UDSI-124-A	Installed of 3" Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 3+238 prior to backfilling works around and above the chamber.	May 31, 2015	May 30, 2015	May 31, 2015	May 31, 2015	1	A	
145	IR-14-00002-UDSI-125-A	Compaction Tests and preparing of base course layer prior to spread MC and apply of asphalt (1st layer) from STA: 1+860 to STA: 2+100 and road crossing at STA: 1+820 and 1+956. Compaction test reports will be submitted separately.	May 31, 2015	May 30, 2015	May 31, 2015	May 31, 2015	1	A	
146	IR-14-00002-UDSI-126-A	Installed of 3" Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 3+415 prior to backfilling works around and above the chamber.	May 31, 2015	May 31, 2015	June 1, 2015	May 31, 2015	0	A	



Annex D:

Submittals Log.



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RAS AL TAWIL & AL 'UDEISA WATER INFRASTRUCTURE AND AL SAFI BOOSTER STATION – PHASE I - UDSI

Updated Date :May 31, 2015

TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
1	SUB-14-00002-UDSI-001-A	UDSI	Scheduling Qualification	Pre-Construction	November 6, 2014	December 6, 2014	November 12, 2014	6	A
2	SUB-14-00002-UDSI-002-A	UDSI	Guarantee Certificate	Pre-Construction	November 6, 2014	December 6, 2014	November 18, 2014	12	E
3	SUB-14-00002-UDSI-003-A	UDSI	Insurance Certificate	Pre-Construction	November 6, 2014	December 6, 2014	November 30, 2014	24	E
4	SUB-14-00002-UDSI-004-A	UDSI	Submittal Schedule	Pre-Construction	November 6, 2014	December 6, 2014	November 12, 2014	6	A
5	SUB-14-00002-UDSI-005-A	UDSI	Environmental Mitigation & Monitoring Plan	Pre-Construction	November 6, 2014	December 6, 2014	November 18, 2014	12	C
6	SUB-14-00002-UDSI-005-B	UDSI	Environmental Mitigation & Monitoring Plan	Pre-Construction	December 7, 2014	January 6, 2015	December 10, 2014	3	B
7	SUB-14-00002-UDSI-005-C	UDSI	Environmental Mitigation & Monitoring Plan	Pre-Construction	March 26, 2015	April 25, 2015	March 26, 2015	0	A
8	SUB-14-00002-UDSI-006-A	UDSI	QC Plan	Pre-Construction	November 9, 2014	December 9, 2014	November 25, 2014	16	C
9	SUB-14-00002-UDSI-006-B	UDSI	QC Plan	Pre-Construction	December 1, 2014	December 31, 2014	December 8, 2014	7	B
10	SUB-14-00002-UDSI-006-C	UDSI	QC Plan	Pre-Construction	April 12, 2015	May 12, 2015	April 14, 2015	2	A
11	SUB-14-00002-UDSI-007-A	UDSI	Safety Plan	Pre-Construction	November 9, 2014	December 9, 2014	November 26, 2014	17	C
12	SUB-14-00002-UDSI-007-B	UDSI	Safety Plan	Pre-Construction	December 1, 2014	December 31, 2014	December 8, 2014	7	B
13	SUB-14-00002-UDSI-007-C	UDSI	Safety Plan	Pre-Construction	April 12, 2015	May 12, 2015	April 14, 2015	2	A
14	SUB-14-00002-UDSI-008-A	UDSI	General Construction Method Statement	Pre-Construction	November 9, 2014	December 9, 2014	November 26, 2014	17	C
15	SUB-14-00002-UDSI-008-B	UDSI	General Construction Method Statement	Pre-Construction	December 3, 2014	January 2, 2015	December 29, 2014	26	B



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TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
16	SUB-14-00002-UDSI-008-C	UDSI	General Construction Method Statement	Pre-Construction	April 12, 2015	May 12, 2015	April 14, 2015	2	A
17	SUB-14-00002-UDSI-009-A	UDSI	Preliminary Progress Schedule (60 Day Plan of Operation)	Pre-Construction	November 9, 2014	December 9, 2014	November 20, 2014	11	B
18	SUB-14-00002-UDSI-010-A	UDSI	Office Furniture	Pre-Construction	November 11, 2014	December 11, 2014	November 12, 2014	1	A
19	SUB-14-00002-UDSI-011-A	UDSI	Field Office Computer System	Pre-Construction	November 11, 2014	December 11, 2014	November 18, 2014	7	B
20	SUB-14-00002-UDSI-011-B	UDSI	Laptop Computer System , External Mouse, UPS , Software , DVD , Toner cartridge for each equipment of each color	Pre-Construction	December 1, 2014	December 31, 2014	December 3, 2014	2	A
21	SUB-14-00002-UDSI-012-A	UDSI	PN16 & PN25 Butterfly Valves	Material-Mec	November 11, 2014	December 11, 2014	November 19, 2014	8	D
22	SUB-14-00002-UDSI-012-B	UDSI	PN16 & PN25 Butterfly Valves	Material-Mec	November 26, 2014	December 26, 2014	December 3, 2014	7	C
23	SUB-14-00002-UDSI-012-C	UDSI	PN16 & PN25 Butterfly Valves	Material-Mec	December 7, 2014	January 6, 2015	December 16, 2014	9	B
24	SUB-14-00002-UDSI-013-A	UDSI	Strainer	Material-Mec	November 11, 2014	December 11, 2014	November 19, 2014	8	C
25	SUB-14-00002-UDSI-013-B	UDSI	Strainer	Material-Mec	December 27, 2014	January 26, 2015	January 4, 2015	8	B
26	SUB-14-00002-UDSI-013-C	UDSI	Strainer - CMC Reply Comments	Material-Mec	March 26, 2015	April 25, 2015	March 26, 2015	0	A
27	SUB-14-00002-UDSI-014-A	UDSI	Flanged Socket	Material-Mec	November 11, 2014	December 11, 2014	November 19, 2014	8	D
28	SUB-14-00002-UDSI-014-B	UDSI	Flanged Socket	Material-Mec	December 30, 2014	January 29, 2015	January 11, 2015	12	C
29	SUB-14-00002-UDSI-014-B	UDSI	Flanged Socket	Material-Mec	December 8, 2014	January 7, 2015	Retracted Date dec 21, 2014	#VALUE!	Retracted
30	SUB-14-00002-UDSI-014-C	UDSI	Flanged Socket	Material-Mec	January 21, 2015	February 20, 2015	February 4, 2015	14	B
31	SUB-14-00002-UDSI-014-D	UDSI	Flanged Socket	Material-Mec	April 12, 2015	May 12, 2015	April 14, 2015	2	A



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32	SUB-14-00002-UDSI-015-A	UDSI	Engineer's Field Offices Layout	Pre-Construction	November 11, 2014	December 11, 2014	November 12, 2014	1	B
33	SUB-14-00002-UDSI-015-B	UDSI	Engineer's Field Offices Layout	Pre-Construction	March 26, 2015	April 25, 2015	March 26, 2015	0	A
34	SUB-14-00002-UDSI-016-A	UDSI	List of Permits and Licenses	Pre-Construction	November 11, 2014	December 11, 2014	November 18, 2014	7	B
35	SUB-14-00002-UDSI-016-B	UDSI	List of Permits and Licenses	Pre-Construction	April 14, 2015	May 14, 2015	April 15, 2015	1	A
36	SUB-14-00002-UDSI-017-A	UDSI	PN16 & PN25 Dismantling Joint	Material-Mec	November 12, 2014	December 12, 2014	November 19, 2014	7	C
37	SUB-14-00002-UDSI-017-B	UDSI	PN16 & PN25 Dismantling Joint	Material-Mec	November 26, 2014	December 26, 2014	December 8, 2014	12	C
38	SUB-14-00002-UDSI-017-C	UDSI	PN16 & PN25 Dismantling Joint	Material-Mec	December 9, 2014	January 8, 2015	December 16, 2014	7	B
39	SUB-14-00002-UDSI-017-D	UDSI	PN16 & PN25 Dismantling Joint	Material-Mec	March 29, 2015	April 28, 2015	March 30, 2015	1	A
40	SUB-14-00002-UDSI-018-A	UDSI	Pressure Differential Switch Item 4.2.1	Material-Mec	November 13, 2014	December 13, 2014	November 27, 2014	14	C
41	SUB-14-00002-UDSI-018-B	UDSI	Pressure Differential Switch Item 4.2.1	Material-Mec	December 8, 2014	January 7, 2015	December 15, 2014	7	D
42	SUB-14-00002-UDSI-018-C	UDSI	Pressure Differential Switch (Ashcroft) Multiple Site	Material-Mec	January 21, 2015	February 20, 2015	January 28, 2015	7	Retracted
43	SUB-14-00002-UDSI-018-C	UDSI	Pressure Differential Switch (Ashcroft) Multiple Site	Material-Mec	January 29, 2015	February 28, 2015	February 4, 2015	6	B
44	SUB-14-00002-UDSI-018-D	UDSI	Pressure Differential Switch (Ashcroft) Multiple Site	Material-Mec	April 14, 2015	May 14, 2015	April 15, 2015	1	A
45	SUB-14-00002-UDSI-019-A	UDSI	Pressure Transmitter - AL-Safi	Material-Mec	November 13, 2014	December 13, 2014	November 23, 2014	10	C
46	SUB-14-00002-UDSI-019-B	UDSI	Pressure Transmitter - AL-Safi	Material-Mec	December 8, 2014	January 7, 2015	December 22, 2014	14	B
47	SUB-14-00002-UDSI-020-A	UDSI	Pressure Transmitter - Multiple	Material-Mec	November 13, 2014	December 13, 2014	November 25, 2014	12	D



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48	SUB-14-00002-UDSI-020-B	UDSI	Pressure Transmitter (Huba Control) Multiple Sites	Material-Mec	January 21, 2015	February 20, 2015	February 3, 2015	13	A
49	SUB-14-00002-UDSI-021-A	UDSI	Lighting Surge Arrestor	Material-Mec	November 13, 2014	December 13, 2014	November 25, 2014	12	A
50	SUB-14-00002-UDSI-022-A	UDSI	Electromagnetic Flowmeter - MAG5100	Material-Mec	November 13, 2014	December 13, 2014	November 25, 2014	12	D
51	SUB-14-00002-UDSI-022-B	UDSI	Electromagnetic Flowmeter -MAG 3100	Material-Mec	December 10, 2014	January 9, 2015	December 23, 2014	13	Retracted
52	SUB-14-00002-UDSI-022-B	UDSI	Electromagnetic Flowmeter -MAG 3101	Material-Mec	January 21, 2015	February 20, 2015	February 3, 2015	13	A
53	SUB-14-00002-UDSI-023-A	UDSI	Electromagnetic Flowmeter MAG8000	Material-Mec	November 13, 2014	December 13, 2014	November 30, 2014	17	C
54	SUB-14-00002-UDSI-023-B	UDSI	Electromagnetic Flowmeter MAG8000	Material-Mec	December 8, 2014	January 7, 2015	December 18, 2014	10	B
55	SUB-14-00002-UDSI-023-C	UDSI	Electromagnetic Flowmeter MAG8000	Material-Mec	April 15, 2015	May 15, 2015	April 19, 2015	4	A
56	SUB-14-00002-UDSI-024A	UDSI	6" & 20" Steel Pipes	Material-Mec	November 17, 2014	December 17, 2014	November 19, 2014	2	C
57	SUB-14-00002-UDSI-024-B	UDSI	20" Steel Pipes	Material-Mec	December 2, 2014	January 1, 2015	December 8, 2014	6	B
58	SUB-14-00002-UDSI-024-C	UDSI	20" Steel Pipes	Material-Mec	April 15, 2015	May 15, 2015	April 16, 2015	1	A
59	SUB-14-00002-UDSI-025-A	UDSI	Construction Risk Management Plan	Pre-Construction	November 17, 2014	December 17, 2014	December 2, 2014	45	Retracted
60	SUB-14-00002-UDSI-025-A	UDSI	Construction Risk Management Plan	Pre-Construction	December 16, 2014	January 15, 2015	December 22, 2014	6	A
61	SUB-14-00002-UDSI-026-A	UDSI	Storage Yard	Pre-Construction	November 17, 2014	December 17, 2014	November 18, 2014	1	B
62	SUB-14-00002-UDSI-026-B	UDSI	Storage Yard	Pre-Construction	April 15, 2015	May 15, 2015	April 16, 2015	1	A
63	SUB-14-00002-UDSI-027-A	UDSI	Manhole Covers	Material-Civil	November 17, 2014	December 17, 2014	November 20, 2014	3	C



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64	SUB-14-00002-UDSI-027-B	UDSI	Manhole Cover 800 mm "PAMREX"	Material-Civil	November 26, 2014	December 26, 2014	November 30, 2014	4	B
65	SUB-14-00002-UDSI-027-C	UDSI	Manhole Cover 800 mm "PAMREX"	Material-Civil	April 15, 2015	May 15, 2015	April 15, 2015	0	A
66	SUB-14-00002-UDSI-028-A	UDSI	Mobiles & SIM	Pre-Construction	November 19, 2014	December 19, 2014	November 20, 2014	1	A
67	SUB-14-00002-UDSI-029-A	UDSI	Fabrication Alsaifi Of Steel Tee 36" X 16"	Material-Mec	November 23, 2014	December 23, 2014	November 25, 2014	2	C
68	SUB-14-00002-UDSI-029-B	UDSI	Fabrication of Steel Tee 36" X 16" - Alsaifi	Material-Mec	November 27, 2014	December 27, 2014	November 30, 2014	3	B
69	SUB-14-00002-UDSI-029-C	UDSI	Fabrication of Steel Tee 36" X 16" - Alsaifi	Material-Mec	March 29, 2015	April 28, 2015	March 30, 2015	1	A
70	SUB-14-00002-UDSI-030-A	UDSI	Temporary Project Signs	Pre-Construction	November 26, 2014	December 26, 2014	November 27, 2014	1	A
71	SUB-14-00002-UDSI-031-A	UDSI	Field Office Computer System-Updated	Pre-Construction	November 30, 2014	December 30, 2014	December 1, 2014	1	A
72	SUB-14-00002-UDSI-032-A	UDSI	ArcEyes Lab - Welding and Welders	Material-Mec	November 30, 2014	December 30, 2014	December 8, 2014	8	A
73	SUB-14-00002-UDSI-033-A	UDSI	Dilapidation Survey – From Sta.0+000 to Sta.4+600 & Dilapidation Survey - Al-Safi Booster Station & Video Survey - From Sta.0+000 to Sta.4+600 & for Al-Safi Booster Station (DVD)	Pre-Construction	November 30, 2014	December 30, 2014	December 3, 2014	3	A
74	SUB-14-00002-UDSI-034-A	UDSI	3" & 4" Gate Valve (GV-2)/PN16	Material-Mec	December 1, 2014	December 31, 2014	December 16, 2014	15	B
75	SUB-14-00002-UDSI-035-A	UDSI	Temporary Sign Location	Pre-Construction	December 2, 2014	January 1, 2015	December 3, 2014	1	A
76	SUB-14-00002-UDSI-036-A	UDSI	Shop Drawings Frame & Cover Template	Pre-Construction	December 3, 2014	January 2, 2015	December 8, 2014	5	A
77	SUB-14-00002-UDSI-037-A	UDSI	CLA-VAL: Flow control Valve DN150	Material-Mec	December 4, 2014	January 3, 2015	December 8, 2014	4	C
78	SUB-14-00002-UDSI-037-B	UDSI	Flow Control Valve BERMAD 770	Material-Mec	January 4, 2015	February 3, 2015	January 11, 2015	7	C
79	SUB-14-00002-UDSI-037-C	UDSI	Flow Control Valve BERMAD 770	Material-Mec	January 26, 2015	February 25, 2015	February 4, 2015	9	C



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80	SUB-14-00002-UDSI-037-D	UDSI	Flow Control Valve BERMAD 770	Material-Mec	February 18, 2015	March 20, 2015	February 25, 2015	7	A
81	SUB-14-00002-UDSI-038-A	UDSI	Al-Abed Concreet Batch Plant	Pre-Construction	December 7, 2014	January 6, 2015	December 8, 2014	1	A
82	SUB-14-00002-UDSI-039-A	UDSI	Bedding Material Aggregate -Granular Backfill Materials (Somsom Size) Report # BM/QC/14133 (Al Jabari Crusher Plant / Bani Na'im)	Test - Source	December 7, 2014	January 6, 2015	December 8, 2014	1	A
83	SUB-14-00002-UDSI-040-A	UDSI	Back Fill Materials - Crushed Aggregates Size I Single Size (Foul+ Adas) – Report # BM/QC/14134 (Al Jabari Stone Crusher I Bani Na'im)	Test - Source	December 7, 2014	January 6, 2015	December 8, 2014	1	A
84	SUB-14-00002-UDSI-041-A	UDSI	Excavation & Trenching Safety Plan	Pre-Construction	December 7, 2014	January 6, 2015	December 8, 2014	1	B
85	SUB-14-00002-UDSI-041-B	UDSI	Excavation & Trenching Safety Plan	Pre-Construction	April 15, 2015	May 15, 2015	April 15, 2015	0	A
86	SUB-14-00002-UDSI-042-A	UDSI	Traffic Control Plan from Sta. 1+000 to sta. 2+100	Traffic Control Plan	December 8, 2014	January 7, 2015	December 18, 2014	10	B
87	SUB-14-00002-UDSI-042-B	UDSI	Traffic Control Plan from Sta. 1+000 to sta. 2+100	Traffic Control Plan	April 15, 2015	May 15, 2015	April 15, 2015	0	A
88	SUB-14-00002-UDSI-043-A	UDSI	Pipes Marking	Material-Mec	December 8, 2014	January 7, 2015	December 17, 2014	9	A
89	SUB-14-00002-UDSI-044-A	UDSI	6" Steel Pipes	Material-Mec	December 8, 2014	January 7, 2015	December 10, 2014	2	C
90	SUB-14-00002-UDSI-044-B	UDSI	6" Steel Pipes	Material-Mec	December 15, 2014	January 14, 2015	December 16, 2014	1	B
91	SUB-14-00002-UDSI-044-C	UDSI	6" Steel Pipes	Material-Mec	April 21, 2015	May 21, 2015	April 22, 2015	1	A
92	SUB-14-00002-UDSI-045-A	UDSI	Asphalt Mix Design	Test - Source	December 8, 2014	January 7, 2015	December 10, 2014	2	B
93	SUB-14-00002-UDSI-045-B	UDSI	Asphalt Mix Design	Test - Source	April 21, 2015	May 21, 2015	April 22, 2015	1	A
94	SUB-14-00002-UDSI-046-A	UDSI	Concrete Ready-Mix Designs		December 8, 2014	January 7, 2015	December 10, 2014	2	B
95	SUB-14-00002-UDSI-046-B	UDSI	Concrete Ready-Mix Designs	Test - Source	April 21, 2015	May 21, 2015	April 22, 2015	1	A



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96	SUB-14-00002-UDSI-047-A	UDSI	Morex- Radio-graphic Testing Agency	Material-Mec	December 9, 2014	January 8, 2015	December 16, 2014	7	A
97	SUB-14-00002-UDSI-048-A	UDSI	Manhole Step-Sample & Test Report	Test - Source	December 10, 2014	January 9, 2015	December 15, 2014	5	A
98	SUB-14-00002-UDSI-049-A	UDSI	Welding Procedure Specification	Material-Mec	December 10, 2014	January 9, 2015	December 16, 2014	6	B
99	SUB-14-00002-UDSI-049-B	UDSI	Welding Procedure Specification	Material-Mec	February 12, 2015	March 14, 2015	February 25, 2015	13	C
100	SUB-14-00002-UDSI-049-C	UDSI	Welding Procedure Specification	Material-Mec	March 2, 2015	April 1, 2015	March 4, 2015	2	A
101	SUB-14-00002-UDSI-050-A	UDSI	Dumping Site	Pre-Construction	December 10, 2014	January 9, 2015	December 15, 2014	5	A
102	SUB-14-00002-UDSI-051-A	UDSI	PrC-East Concrete Chamber	Material-Civil	December 11, 2014	January 10, 2015	December 22, 2014	11	B
103	SUB-14-00002-UDSI-051-B	UDSI	PrC-East Concrete Chamber	Material-Civil	April 21, 2015	May 21, 2015	April 22, 2015	1	A
104	SUB-14-00002-UDSI-052-A	UDSI	Test Procedure - 500mm Existing DIP Pipeline	Material-Mec	December 11, 2014	January 10, 2015	December 18, 2014	7	C
105	SUB-14-00002-UDSI-052-B	UDSI	Test Procedure - 500mm Existing DIP Pipeline	Material-Mec	December 27, 2014	January 26, 2015	January 5, 2015	9	B
106	SUB-14-00002-UDSI-052-C	UDSI	Test Procedure - 500mm Existing DIP Pipeline	Material-Mec	March 29, 2015	April 28, 2015	March 30, 2015	1	A
107	SUB-14-00002-UDSI-053-A	UDSI	CPM Schedule	Schedule	December 11, 2014	January 10, 2015	December 31, 2014	20	C
108	SUB-14-00002-UDSI-053-B	UDSI	CPM Schedule	Schedule	January 25, 2015	February 24, 2015	January 29, 2015	4	B
109	SUB-14-00002-UDSI-053-C	UDSI	CPM Schedule	Schedule	February 8, 2015	March 10, 2015	February 11, 2015	3	A
110	SUB-14-00002-UDSI-054-A	UDSI	High Potential Magnesium Anodes	Material-Mec	December 14, 2014	January 13, 2015	December 22, 2014	8	B
111	SUB-14-00002-UDSI-054-B	UDSI	High Potential Magnesium Anodes	Material-Mec	May 5, 2015	June 4, 2015	May 10, 2015	5	A



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112	SUB-14-00002-UDSI-055-A	UDSI	SHOP DRAWING FOR TRANSMISSION PIPE LINE FROM ST-1+000 TO 1+500	Shop Drawing	December 14, 2014	January 13, 2015	January 6, 2015	23	B
113	SUB-14-00002-UDSI-055-B	UDSI	SHOP DRAWING FOR TRANSMISSION PIPE LINE FROM ST-1+000 TO 1+500	Shop Drawing	May 5, 2015	June 4, 2015	May 10, 2015	5	A
114	SUB-14-00002-UDSI-056-A	UDSI	Check Valve	Material-Mec	December 14, 2014	January 13, 2015	January 4, 2015	21	C
115	SUB-14-00002-UDSI-056-B	UDSI	Check Valve	Material-Mec	January 22, 2015	February 21, 2015	February 3, 2015	12	B
116	SUB-14-00002-UDSI-056-C	UDSI	Check Valve	Material-Mec	May 5, 2015	June 4, 2015	May 10, 2015	5	A
117	SUB-14-00002-UDSI-057-A	UDSI	Steel Reinforcement Manufacturers Data	Material-Mec	December 14, 2014	January 13, 2015	December 15, 2014	1	B
118	SUB-14-00002-UDSI-057-B	UDSI	Steel Reinforcement Manufacturers Data	Material-Mec	May 5, 2015	June 4, 2015	May 10, 2015	5	A
119	SUB-14-00002-UDSI-058-A	UDSI	Test Station for Cathodic Protection	Material-Mec	December 14, 2014	January 13, 2015	December 29, 2014	15	A
120	SUB-14-00002-UDSI-059-A	UDSI	Gate Valves (GV2) 6" & 8"	Material-Mec	December 14, 2014	January 13, 2015	December 16, 2014	2	C
121	SUB-14-00002-UDSI-059-B	UDSI	Gate Valves (GV2) 6" & 8" & Actuators	Material-Mec	January 12, 2015	February 11, 2015	January 20, 2015	8	B
122	SUB-14-00002-UDSI-060-A	UDSI	Field Office Computer System-Alternative	Pre-Construction	December 15, 2014	January 14, 2015	December 22, 2014	7	A
123	SUB-14-00002-UDSI-061-A	UDSI	Manhole cover inscription	Material-Civil	December 18, 2014	January 17, 2015	December 24, 2014	6	A
124	SUB-14-00002-UDSI-062-A	UDSI	Pipe Heat Shrinkable Sleeve & Tape	Material-Mec	December 18, 2014	January 17, 2015	December 22, 2014	4	C
125	SUB-14-00002-UDSI-062-B	UDSI	Pipe Heat Shrinkable Sleeve & Tape	Material-Mec	January 12, 2015	February 11, 2015	January 19, 2015	7	D
126	SUB-14-00002-UDSI-062-C	UDSI	Pipe Heat Shrinkable Sleeve & Tape	Material-Mec	January 25, 2015	February 24, 2015	February 2, 2015	8	B
127	SUB-14-00002-UDSI-062-D	UDSI	Pipe Heat Shrinkable Sleeve & Tape	Material-Mec	May 5, 2015	June 4, 2015	May 10, 2015	5	A



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128	SUB-14-00002-UDSI-063-A	UDSI	Identification Tape - Warning Tape & Sample	Pre-Construction	December 22, 2014	January 21, 2015	December 29, 2014	7	A
129	SUB-14-00002-UDSI-064-A	UDSI	Updated Submittals Schedule	Updated	December 22, 2014	January 21, 2015	December 29, 2014	7	A
130	SUB-14-00002-UDSI-065-A	UDSI	Shop Drawings for Check Valve Chamber - 400mm	Shop Drawing	December 24, 2014	January 23, 2015	January 12, 2015	19	C
131	SUB-14-00002-UDSI-065-B	UDSI	Shop Drawings for Check Valve Chamber - 400mm	Shop Drawing	January 15, 2015	February 14, 2015	February 2, 2015	18	B
132	SUB-14-00002-UDSI-065-C	UDSI	Shop Drawings for Check Valve Chamber - 400mm	Shop Drawing	May 5, 2015	June 4, 2015	May 10, 2015	5	A
133	SUB-14-00002-UDSI-066-A	UDSI	Al Safi Booster Station DN400 PN40 Butterfly Valve (HAKOHAVE).	Material-Mec	December 24, 2014	January 23, 2015	December 31, 2014	7	A
134	SUB-14-00002-UDSI-067-A	UDSI	Shop Drawing for Transmission Pipeline from Sta. 1+500 to sta. 2+460	Shop Drawing	December 27, 2014	January 26, 2015	January 6, 2015	10	B
135	SUB-14-00002-UDSI-067-B	UDSI	Shop Drawing for Transmission Pipeline from Sta. 1+500 to sta. 2+460	Shop Drawing	May 5, 2015	June 4, 2015	May 10, 2015	5	A
136	SUB-14-00002-UDSI-068-A	UDSI	PCS Technical Qualification (Pronie & C.V) Instrumentation, Integration and Programming	Material-Mec	December 27, 2014	January 26, 2015	December 31, 2014	4	C
137	SUB-14-00002-UDSI-068-B	UDSI	PCS Technical Qualification (Pronie & C.V) Instrumentation, Integration and Programming	Material-Mec	January 5, 2015	February 4, 2015	January 11, 2015	6	Retracted
138	SUB-14-00002-UDSI-068-B	UDSI	PCS Technical Qualification (Pronie & C.V) Instrumentation, Integration and Programming	Material-Mec	January 13, 2015	February 12, 2015	January 15, 2015	2	D
139	SUB-14-00002-UDSI-068-C	UDSI	LIGHT Electro-Mechanical Contracting CO. Ltd (Pronie & C.V) Instrumentation, Integration and Programming	Material-Mec	January 26, 2015	February 25, 2015	February 3, 2015	8	B
140	SUB-14-00002-UDSI-068-D	UDSI	LIGHT Electro-Mechanical Contracting CO. Ltd (Pronie & C.V) Instrumentation, Integration and Programming	Material-Mec	May 5, 2015	June 4, 2015	May 10, 2015	5	A
141	SUB-14-00002-UDSI-069-A	UDSI	Pre-Cast Concrete Chamber - Alternative	Material-Civil	December 27, 2014	January 26, 2015	January 11, 2015	15	B
142	SUB-14-00002-UDSI-069-B	UDSI	Pre-Cast Concrete Chamber - Alternative	Material-Civil	March 29, 2015	April 28, 2015	March 31, 2015	2	A



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143	SUB-14-00002-UDSI-070-A	UDSI	Method Statement for Chambers installation	Material-Civil	December 27, 2014	January 26, 2015	January 11, 2015	15	B
144	SUB-14-00002-UDSI-070-B	UDSI	Method Statement for Chambers installation	Material-Civil	May 5, 2015	June 4, 2015	May 10, 2015	5	A
145	SUB-14-00002-UDSI-071-A	UDSI	Shop Drawings for 500 mm Check Valve Chamber	Shop Drawing	December 29, 2014	January 28, 2015	January 12, 2015	14	C
146	SUB-14-00002-UDSI-071-B	UDSI	Shop Drawings for 500 mm Check Valve Chamber	Shop Drawing	January 15, 2015	February 14, 2015	February 2, 2015	18	B
147	SUB-14-00002-UDSI-071-C	UDSI	Shop Drawings for 500 mm Check Valve Chamber	Shop Drawing	May 5, 2015	June 4, 2015	May 10, 2015	5	A
148	SUB-14-00002-UDSI-072-A	UDSI	Shop Drawings for Flow Monitoring Chamber	Shop Drawing	December 29, 2014	January 28, 2015	January 13, 2015	15	C
149	SUB-14-00002-UDSI-072-B	UDSI	Shop Drawings for Flow Monitoring Chamber & yatta junction	Shop Drawing	January 19, 2015	February 18, 2015	February 4, 2015	16	C
150	SUB-14-00002-UDSI-072-C	UDSI	Shop Drawings for Flow Monitoring Chamber & yatta junction	Shop Drawing	February 11, 2015	March 13, 2015	February 25, 2015	14	C
151	SUB-14-00002-UDSI-072-D	UDSI	Shop Drawings for Flow Monitoring Chamber & yatta junction	Shop Drawing	March 15, 2015	April 14, 2015	March 15, 2015	0	A
152	SUB-14-00002-UDSI-073-A	UDSI	Flange Gasket	Material-Mec	December 30, 2014	January 29, 2015	January 4, 2015	5	B
153	SUB-14-00002-UDSI-073-A	UDSI	Flange Gasket	Material-Mec	May 5, 2015	June 4, 2015	May 10, 2015	5	A
154	SUB-14-00002-UDSI-074-A	UDSI	Level Control Valve BERMAD 750-66	Material-Mec	January 4, 2015	February 3, 2015	January 12, 2015	8	C
155	SUB-14-00002-UDSI-074-B	UDSI	Level Control Valve BERMAD 750-66	Material-Mec	January 31, 2015	March 2, 2015	February 4, 2015	4	C
156	SUB-14-00002-UDSI-074-C	UDSI	Level Control Valve BERMAD 750-66	Material-Mec	February 22, 2015	March 24, 2015	February 25, 2015	3	B
157	SUB-14-00002-UDSI-075-A	UDSI	Pressure Gauge Assembly WIKA Model no. 233.34	Material-Mec	January 4, 2015	February 3, 2015	January 11, 2015	7	B
159	SUB-14-00002-UDSI-076-A	UDSI	Shop Drawings for Yatta Junction Layout	Shop Drawing	January 4, 2015	February 3, 2015	January 29, 2015	25	B



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160	SUB-14-00002-UDSI-076-B	UDSI	Shop Drawings for Yatta Junction Layout	Shop Drawing	May 5, 2015	June 4, 2015	May 10, 2015	5	A
161	SUB-14-00002-UDSI-077-A	UDSI	Bedding Material Aggregate -Granular Backfill Materials (Somsom Size) Report # BM/QC/14151 (Abu Al Zoloff Stone Crusher I Sa'eer Town)	Test - Source	January 4, 2015	February 3, 2015	January 4, 2015	0	A
162	SUB-14-00002-UDSI-078-A	UDSI	Insulating Flange Kit /SGM	Material-Mec	January 4, 2015	February 3, 2015	January 11, 2015	7	B
163	SUB-14-00002-UDSI-079-A	UDSI	Flanged Pressure Relief Valve DN50 PN25 BERMAD 73Q	Material-Mec	January 4, 2015	February 3, 2015	January 11, 2015	7	C
164	SUB-14-00002-UDSI-079-B	UDSI	Flanged Pressure Relief Valve DN50 PN25 BERMAD 73Q	Material-Mec	January 28, 2015	February 27, 2015	February 3, 2015	6	B
165	SUB-14-00002-UDSI-080-A	UDSI	Shop Drawings for AL- SAFI Booster Station Layout	Shop Drawing	January 4, 2015	February 3, 2015	January 15, 2015	11	B
166	SUB-14-00002-UDSI-080-B	UDSI	Shop Drawings for AL- SAFI Booster Station Layout	Shop Drawing	May 5, 2015	June 4, 2015	May 10, 2015	5	A
167	SUB-14-00002-UDSI-081-A	UDSI	Steel Flanges (Hubbed Slip On-Type12)	Material-Mec	January 5, 2015	February 4, 2015	January 11, 2015	6	B
168	SUB-14-00002-UDSI-082-A	UDSI	Pipe Support - Sample	Material-Mec	January 5, 2015	February 4, 2015	January 11, 2015	6	D
169	SUB-14-00002-UDSI-082-B	UDSI	Pipe Support - Sample	Material-Mec	February 23, 2015	March 25, 2015	February 25, 2015	2	B
170	SUB-14-00002-UDSI-082-C	UDSI	Pipe Support - Sample	Material-Mec	May 5, 2015	June 4, 2015	May 10, 2015	5	A
171	SUB-14-00002-UDSI-083-A	UDSI	Steel Mechanical Coupling DN250 PN16	Material-Mec	January 11, 2015	February 10, 2015	January 18, 2015	7	B
172	SUB-14-00002-UDSI-084-A	UDSI	KSB Ball Valve (VB-1)	Material-Mec	January 11, 2015	February 10, 2015	January 20, 2015	9	C
173	SUB-14-00002-UDSI-084-B	UDSI	KSB Ball Valve (VB-1) - DN50 and smaller	Material-Mec	January 25, 2015	February 24, 2015	January 28, 2015	3	B
174	SUB-14-00002-UDSI-084-C	UDSI	KSB Ball Valve (VB-1) - DN50 and smaller	Material-Mec	May 5, 2015	June 4, 2015	May 10, 2015	5	A
175	SUB-14-00002-UDSI-085-A	UDSI	PAM 2in Gate Valve DN50 PN25	Material-Mec	January 11, 2015	February 10, 2015	January 19, 2015	8	B



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192	SUB-14-00002-UDSI-093-C	UDSI	Shop Drawings for Combiation air Valve 150mm &100 & 80mm	Shop Drawing	February 18, 2015	March 20, 2015	February 25, 2015	7	B
193	SUB-14-00002-UDSI-094-A	UDSI	Bolts, Washers & Nuts	Material-Mec	January 17, 2015	February 16, 2015	January 25, 2015	8	B
194	SUB-14-00002-UDSI-094-B	UDSI	Bolts, Washers & Nuts	Material-Mec	May 5, 2015	June 4, 2015	May 10, 2015	5	A
195	SUB-14-00002-UDSI-095-A	UDSI	Shop Drawings for DIP to Steel Connection Detail (DN500)	Shop Drawing	January 18, 2015	February 17, 2015	January 27, 2015	9	C
196	SUB-14-00002-UDSI-095-B	UDSI	Shop Drawings for DIP to Steel Connection Detail (DN500)	Shop Drawing	January 31, 2015	March 2, 2015	February 9, 2015	9	C
197	SUB-14-00002-UDSI-095-C	UDSI	Additional data Shop Drawings for DIP to Steel Connection Detail (DN500)	Shop Drawing	February 15, 2015	March 17, 2015	February 25, 2015	10	B
198	SUB-14-00002-UDSI-096-A	UDSI	Combination Air Valve	Material-Mec	January 18, 2015	February 17, 2015	January 25, 2015	7	B
199	SUB-14-00002-UDSI-097-A	UDSI	Shop Drawings for Layout for Bani Naim Reservoir	Shop Drawing	January 19, 2015	February 18, 2015	January 27, 2015	8	C
200	SUB-14-00002-UDSI-097-B	UDSI	Shop Drawings for Layout for Bani Naim Reservoir	Shop Drawing	January 28, 2015	February 27, 2015	February 2, 2015	5	B
201	SUB-14-00002-UDSI-098-A	UDSI	Shop Drawings for 80 & 150 MM GATE VALVE	Shop Drawing	January 19, 2015	February 18, 2015	January 27, 2015	8	C
202	SUB-14-00002-UDSI-098-B	UDSI	Shop Drawings for 80 & 150 MM GATE VALVE	Shop Drawing	January 31, 2015	March 2, 2015	February 12, 2015	12	C
203	SUB-14-00002-UDSI-098-C	UDSI	Shop Drawings for 80 & 150 MM GATE VALVE	Shop Drawing	February 18, 2015	March 20, 2015	February 25, 2015	7	B
204	SUB-14-00002-UDSI-099-A	UDSI	Shop Drawings for Flow Monitoring Chamber 500mm (sta: 2+510 & sta: 5+580)	Shop Drawing	January 20, 2015	February 19, 2015	February 4, 2015	15	C
205	SUB-14-00002-UDSI-099-B	UDSI	Shop Drawings for Flow Monitoring Chamber 500mm (sta: 2+510 & sta: 5+580)	Shop Drawing	February 11, 2015	March 13, 2015	February 25, 2015	14	C
206	SUB-14-00002-UDSI-099-C	UDSI	Shop Drawings for Flow Monitoring Chamber 500mm (sta: 2+510 & sta: 5+580)	Shop Drawing	March 5, 2015	April 4, 2015	March 10, 2015	5	A
207	SUB-14-00002-UDSI-100-A	UDSI	Shop Drawings for Transmission Pipe line from Sta- 2+460 to Sta. 4+040	Shop Drawing	January 20, 2015	February 19, 2015	February 2, 2015	13	C



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208	SUB-14-00002-UDSI-100-B	UDSI	Shop Drawings for Transmission Pipe line from Sta- 2+460 to Sta. 4+040	Shop Drawing	February 11, 2015	March 13, 2015	March 9, 2015	26	C
209	SUB-14-00002-UDSI-100-C	UDSI	Shop Drawings for Transmission Pipe line from Sta- 2+460 to Sta. 4+040	Shop Drawing	March 29, 2015	April 28, 2015	April 7, 2015	9	A
210	SUB-14-00002-UDSI-101-A	UDSI	Steel Fittings	Material-Mec	January 20, 2015	February 19, 2015	January 25, 2015	5	B
211	SUB-14-00002-UDSI-102-A	UDSI	Shop Drawing for Transmission Pipe Line from STA. 4+040 to STA.5+596	Shop Drawing	January 21, 2015	February 20, 2015	February 3, 2015	13	C
212	SUB-14-00002-UDSI-102-B	UDSI	Shop Drawing for Transmission Pipe Line from STA. 4+040 to STA.5+596	Shop Drawing	February 11, 2015	March 13, 2015	March 9, 2015	26	C
213	SUB-14-00002-UDSI-102-C	UDSI	Shop Drawing for Transmission Pipe Line from STA. 4+040 to STA.5+596	Shop Drawing	March 30, 2015	April 29, 2015	April 7, 2015	8	A
214	SUB-14-00002-UDSI-103-A	UDSI	16" & 8" Steel Pipes	Material-Mec	January 22, 2015	February 21, 2015	January 28, 2015	6	B
215	SUB-14-00002-UDSI-104-A	UDSI	Shop Drawing for Al-Safi Booster Station	Shop Drawing	January 25, 2015	February 24, 2015	February 3, 2015	9	B
216	SUB-14-00002-UDSI-105-A	UDSI	Cement Lining Repair Method Statement	Material-Mec	January 25, 2015	February 24, 2015	January 29, 2015	4	B
217	SUB-14-00002-UDSI-106-A	UDSI	Radiographic Testing Safety Plan	Material-Mec	January 25, 2015	February 24, 2015	January 27, 2015	2	C
218	SUB-14-00002-UDSI-106-B	UDSI	Radiographic Testing Safety Plan	Material-Mec	February 17, 2015	March 19, 2015	February 25, 2015	8	A
219	SUB-14-00002-UDSI-107-A	UDSI	Shop Drawings Bani Naim Reservoir Service Connection Chamber	Material-Mec	January 26, 2015	February 25, 2015	January 27, 2015	1	C
220	SUB-14-00002-UDSI-107-B	UDSI	Shop Drawings Bani Naim Reservoir Service Connection Chamber	Shop Drawing	January 29, 2015	February 28, 2015	January 31, 2015	2	B
221	SUB-14-00002-UDSI-107-C	UDSI	Shop Drawings Bani Naim Reservoir Service Connection Chamber	Shop Drawing	April 19, 2015	May 19, 2015	May 14, 2015	25	A
222	SUB-14-00002-UDSI-108-A	UDSI	Shop Drawings Al Safi BS Flow & PRV Equipment Pad	Shop Drawing	January 26, 2015	February 25, 2015	February 3, 2015	8	C
223	SUB-14-00002-UDSI-108-B	UDSI	Shop Drawings Al Safi BS Flow & PRV Equipment Pad	Shop Drawing	February 10, 2015	March 12, 2015	February 25, 2015	15	B



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224	SUB-14-00002-UDSI-108-C	UDSI	Shop Drawings Al Safi BS Flow & PRV Equipment Pad	Shop Drawing	March 1, 2015	March 31, 2015	March 4, 2015	3	A
225	SUB-14-00002-UDSI-109-A	UDSI	Traffic Control Plan-Bani Naim Reservoir Area	Traffic Control Plan	January 26, 2015	February 25, 2015	January 29, 2015	3	B
226	SUB-14-00002-UDSI-109-B	UDSI	Traffic Control Plan-Bani Naim Reservoir Area	Traffic Control Plan	March 29, 2015	April 28, 2015	March 31, 2015	2	A
227	SUB-14-00002-UDSI-110-A	UDSI	Al-Safi Equipment pad control Valves	Material-Mec	January 26, 2015	February 25, 2015	January 29, 2015	3	B
228	SUB-14-00002-UDSI-111-A	UDSI	TRAFFIC PLAN FOR AL SAFI BOOSTER STATION	Traffic Control Plan	January 28, 2015	February 27, 2015	February 10, 2015	13	B
229	SUB-14-00002-UDSI-112-A	UDSI	Shop Drawing for Electrical & Instrumentation (Ras At Tawil and Al Safi)	Shop Drawing	February 1, 2015	March 3, 2015	February 9, 2015	8	B
230	SUB-14-00002-UDSI-113-A	UDSI	Form Tie and Plywood - Samples	Material-Mec	February 1, 2015	March 3, 2015	February 2, 2015	1	B
231	SUB-14-00002-UDSI-114-A	UDSI	Shop Drawing for Cathodic Protection System	Shop Drawing	February 1, 2015	March 3, 2015	February 3, 2015	2	Retracted
232	SUB-14-00002-UDSI-114-A	UDSI	Shop Drawing for Cathodic Protection System	Shop Drawing	February 5, 2015	March 7, 2015	February 17, 2015	42	Retracted
233	SUB-14-00002-UDSI-114-A	UDSI	Shop Drawing for Cathodic Protection System	Shop Drawing	May 4, 2015	June 3, 2015	May 12, 2015	8	C
234	SUB-14-00002-UDSI-114-B	UDSI	Shop Drawing for Cathodic Protection System	Shop Drawing	May 17, 2015	June 16, 2015	May 21, 2015	4	C
235	SUB-14-00002-UDSI-115-A	UDSI	Traffic Control Plan for Yatta Junction	Traffic Control Plan	February 1, 2015	March 3, 2015	February 2, 2015	1	C
236	SUB-14-00002-UDSI-115-B	UDSI	Traffic Control Plan for Yatta Junction	Traffic Control Plan	February 16, 2015	March 18, 2015	February 24, 2015	8	A
237	SUB-14-00002-UDSI-116-A	UDSI	Steel Flanges (Hubbed Slip on / EN1092-1 / Type 12)	Material-Mec	February 1, 2015	March 3, 2015	February 9, 2015	8	C
238	SUB-14-00002-UDSI-116-B	UDSI	Steel Flanges (Hubbed Slip on / EN1092-1 / Type 12)	Material-Mec	February 10, 2015	March 12, 2015	February 18, 2015	8	A
239	SUB-14-00002-UDSI-117-A	UDSI	Pressure Leakage Test for Existing 500 mm DIP Pipeline	Material-Mec	February 5, 2015	March 7, 2015	March 3, 2015	26	A



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240	SUB-14-00002-UDSI-118-A	UDSI	Pipe Heat Shrinkable Tapes	Material-Mec	February 5, 2015	March 7, 2015	February 18, 2015	13	D
241	SUB-14-00002-UDSI-118-B	UDSI	Pipe Heat Shrinkable Tapes	Material-Mec	March 8, 2015	April 7, 2015	March 9, 2015	1	B
242	SUB-14-00002-UDSI-119-A	UDSI	Structural drawing for 500mm& 400mm check valve chamber / Yatta layout	Shop Drawing	February 8, 2015	March 10, 2015	February 9, 2015	1	B
243	SUB-14-00002-UDSI-119-B	UDSI	Additional Documents for Structural drawing for 500mm& 400mm check valve chamber / Yatta layout	Shop Drawing	March 8, 2015	April 7, 2015	March 9, 2015	1	A
244	SUB-14-00002-UDSI-120-A	UDSI	Al- Safi Booster Station Butterfly Valve Chamber DN300 & DN400 PN16	Shop Drawing	February 8, 2015	March 10, 2015	February 10, 2015	2	B
245	SUB-14-00002-UDSI-121-A	UDSI	Updated Submittals Schedule	Updated	February 9, 2015	March 11, 2015	February 23, 2015	14	B
246	SUB-14-00002-UDSI-122-A	UDSI	Updated Environmental Mitigation and Monitoring Plan	Schedule	February 9, 2015	March 11, 2015	February 11, 2015	2	A
247	SUB-14-00002-UDSI-123-A	UDSI	Updated Construction Risk Management Program	Updated	February 10, 2015	March 12, 2015	February 11, 2015	1	A
248	SUB-14-00002-UDSI-124-A	UDSI	Updated Safety Plan (Safety Tool Box & Risk Assessment)	Updated	February 10, 2015	March 12, 2015	February 11, 2015	1	A
249	SUB-14-00002-UDSI-125-A	UDSI	Alternative Steel Fittings	Material-Mec	February 11, 2015	March 13, 2015	February 18, 2015	7	B
250	SUB-14-00002-UDSI-126-A	UDSI	Alternative Check Valve	Material-Mec	February 15, 2015	March 17, 2015	February 25, 2015	10	B
251	SUB-14-00002-UDSI-127-A	UDSI	Manhole Cover 750 mm "Haddad Steel Company"	Material-Mec	February 15, 2015	March 17, 2015	March 1, 2015	14	C
252	SUB-14-00002-UDSI-127-B	UDSI	Manhole Cover 750 mm "Haddad Steel Company"	Material-Mec	March 5, 2015	April 4, 2015	March 9, 2015	4	B
253	SUB-14-00002-UDSI-128-A	UDSI	Asphalt Mix Design - Nominal Maximum Size 3/4" (19.0 mm)	Pre-Construction	February 16, 2015	March 18, 2015	February 18, 2015	2	B
254	SUB-14-00002-UDSI-129-A	UDSI	Key Personnel	Pre-Construction	February 22, 2015	March 24, 2015	February 23, 2015	1	E
255	SUB-14-00002-UDSI-130-A	UDSI	Supplementary Steel Pipes (3", 4", 10", 12", 14" and 18")	Material-Mec	February 22, 2015	March 24, 2015	March 4, 2015	10	B



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256	SUB-14-00002-UDSI-130-B	UDSI	Supplementary Steel Pipes (3", 4", 10", 12", 14" and 18")	Material-Mec	April 21, 2015	May 21, 2015	April 22, 2015	1	A
257	SUB-14-00002-UDSI-131-A	UDSI	Branding Implementation Strategy	Pre-Construction	February 22, 2015	March 24, 2015	March 8, 2015	14	A
258	SUB-14-00002-UDSI-131-B	UDSI	Branding Implementation Strategy	Pre-Construction	April 21, 2015	May 21, 2015	April 22, 2015	1	A
259	SUB-14-00002-UDSI-132-A	UDSI	Replacement for Manhole Cover Inscription (Text)	Material-Mec	February 26, 2015	March 28, 2015	March 3, 2015	5	A
260	SUB-14-00002-UDSI-133-A	UDSI	Supplementary Information of Insurances	Pre-Construction	February 26, 2015	March 28, 2015	March 4, 2015	6	E
261	SUB-14-00002-UDSI-134-A	UDSI	(Base Course) - Al Jabari Crusher Plant I Bani Na'im - Soil and Soil Aggregate Materials Testing Report # ST/15065	Test - Source	March 3, 2015	April 2, 2015	March 3, 2015	0	A
262	SUB-14-00002-UDSI-135-A	UDSI	Updated Safety Plan (Safety Tool Box & Risk Assesment & Workshop Updated Workshop Safety Inspection Checklists)	Updated	March 5, 2015	April 4, 2015	March 5, 2015	0	A
263	SUB-14-00002-UDSI-136-A	UDSI	Shop Drawings for Yaqeen / Bani Naim Reservoir	Shop Drawing	5-Mar-2015	April 4, 2015	9-Mar	4	Retracted
264	SUB-14-00002-UDSI-136-A	UDSI	Shop Drawings for flow monitoring and Valve Assembly for Yaqeen / Bani Naim Reservoir	Shop Drawing	March 12, 2015	April 11, 2015	March 18, 2015	6	B
265	SUB-14-00002-UDSI-137-A	UDSI	Traffic Control Plan from Sta. 2+100 to sta.3+880	Traffic Control Plan	March 5, 2015	April 4, 2015	March 12, 2015	7	A
266	SUB-14-00002-UDSI-138-A	UDSI	Contractor's Employee Commitment Letter	safety	March 5, 2015	April 4, 2015	March 8, 2015	3	A
267	SUB-14-00002-UDSI-139-A	UDSI	Epoxy Paint Nitocote EP405	Material-Mec	March 5, 2015	April 4, 2015	March 12, 2015	7	B
268	SUB-14-00002-UDSI-139-B	UDSI	Epoxy Paint Nitocote EP405	Material-Mec	April 21, 2015	May 21, 2015	April 22, 2015	1	A
269	SUB-14-00002-UDSI-140-A	UDSI	Concrete Repair Method of Statement	Material-Civil	March 12, 2015	April 11, 2015	March 15, 2015	3	A
270	SUB-14-00002-UDSI-141-A	UDSI	Method of Statement for Closing the Opening in the Water Tank Slab	Material-Civil	March 12, 2015	April 11, 2015	March 15, 2015	3	A
271	SUB-14-00002-UDSI-142-A	UDSI	Welder's Qualification Testing Report	Material-Mec	March 15, 2015	April 14, 2015	March 18, 2015	3	B



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272	SUB-14-00002-UDSI-142-B	UDSI	Welder's Qualification Testing Report	Material-Mec	March 29, 2015	April 28, 2015	April 1, 2015	3	A
273	SUB-14-00002-UDSI-143-A	UDSI	Flanged Flexible Expansion Joint for Al-Safi Tank connection	Material-Mec	March 15, 2015	April 14, 2015	March 16, 2015	1	D
274	SUB-14-00002-UDSI-143-B	UDSI	Flanged Flexible Expansion Joint for Al-Safi Booster station Tank Connection		March 22, 2015	April 21, 2015	March 24, 2015	2	B
275	SUB-14-00002-UDSI-143-C	UDSI	Flanged Flexible Expansion Joint for Al-Safi Booster station Tank Connection	Material-Mec	April 21, 2015	May 21, 2015	April 22, 2015	1	A
276	SUB-14-00002-UDSI-144-A	UDSI	Shop Drawings for 500mm Butterfly Valve Chamber for Yata Junction	Shop Drawing	March 15, 2015	April 14, 2015	March 16, 2015	1	B
277	SUB-14-00002-UDSI-145-A	UDSI	Updated Schedule - Feb 2015	Schedule	March 16, 2015	April 15, 2015	March 19, 2015	3	B
278	SUB-14-00002-UDSI-146-A	UDSI	Protective Coating for Steel Pipes	Material-Mec	March 18, 2015	April 17, 2015	March 25, 2015	7	B
279	SUB-14-00002-UDSI-146-B	UDSI	Protective Coating for Steel Pipes	Material-Mec	April 21, 2015	May 21, 2015	April 22, 2015	1	A
280	SUB-14-00002-UDSI-147-A	UDSI	As Built Frame & Cover Template	As Built	March 22, 2015	April 21, 2015	March 24, 2015	2	B
281	SUB-14-00002-UDSI-148-A	UDSI	Traffic plan - area C	Traffic Control Plan	March 24, 2015	April 23, 2015	March 26, 2015	2	A
282	SUB-14-00002-UDSI-149-A	UDSI	Filter Fabric (Geotextile) Material	Material-Mec	March 26, 2015	April 25, 2015	March 26, 2015	0	A
283	SUB-14-00002-UDSI-150-A	UDSI	Pre-Cast Chamber Certificates & Test Reports	Material-Mec	March 26, 2015	April 25, 2015	March 26, 2015	0	A
284	SUB-14-00002-UDSI-151-A	UDSI	Prime Coat Material MC (Bitumol M-10) , Tack Coat - Bitumol M-10 for Asphalt	Material-Mec	March 26, 2015	April 25, 2015	March 26, 2015	0	A
285	SUB-14-00002-UDSI-152-A	UDSI	(Traffic Control Plan-Full Set)	Traffic Control Plan	March 29, 2015	April 28, 2015	April 1, 2015	3	A
286	SUB-14-00002-UDSI-153-A	UDSI	Al-Safi Booster Station Mechanical Coupling	Material-Mec	March 30, 2015	April 29, 2015	April 2, 2015	3	B
287	SUB-14-00002-UDSI-154-A	UDSI	Radiographic Third Party Testing Lab-Gabi Shoef	Material-Mec	March 31, 2015	April 30, 2015	April 1, 2015	1	A



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288	SUB-14-00002-UDSI-155-A	UDSI	Filter Fabric (Geotextile)Sample	Material-Mec	April 1, 2015	May 1, 2015	April 2, 2015	1	A
289	SUB-14-00002-UDSI-156-A	UDSI	Shop Drawing for Transmission Pipe Line (full set)	Shop Drawing	April 1, 2015	May 1, 2015	April 2, 2015	1	A
290	SUB-14-00002-UDSI-157-A	UDSI	Method Statement for SCADA Programming and Integration	Material-Mec	April 6, 2015	May 6, 2015	April 16, 2015	10	C
291	SUB-14-00002-UDSI-157-B	UDSI	Method Statement for SCADA Programming and Integration	Material-Mec	May 3, 2015	June 2, 2015	May 18, 2015	15	A
292	SUB-14-00002-UDSI-158-A	UDSI	PLC Programming and SCADA Integration (Profile and Qualifications)	Material-Mec	April 6, 2015	May 6, 2015	April 14, 2015	8	D
293	SUB-14-00002-UDSI-158-B	UDSI	PLC Programming and SCADA Integration (Profile and Qualifications)	Material-Mec	May 3, 2015	June 2, 2015	May 18, 2015	15	D
294	SUB-14-00002-UDSI-159-A	UDSI	Link-Seals Watertight/Dusttight Pipe Sleeves	Material-Mec	April 6, 2015	May 6, 2015	April 16, 2015	10	C
295	SUB-14-00002-UDSI-159-B	UDSI	Link-Seals Watertight/Dusttight Pipe Sleeves	Material-Mec	April 19, 2015	May 19, 2015	April 19, 2015	0	B
296	SUB-14-00002-UDSI-159-C	UDSI	Link-Seals Watertight/Dusttight Pipe Sleeves	Material-Mec	April 28, 2015	May 28, 2015	May 4, 2015	6	A
297	SUB-14-00002-UDSI-160-A	UDSI	Updated Safety Plan (Safety Tool Box & Risk Assesment & Workshop Updated Workshop Safety Inspection Checklists)	Updated	April 12, 2015	May 12, 2015	April 14, 2015	2	A
298	SUB-14-00002-UDSI-161-A	UDSI	Alternative Data Logger (MAG8000)	Material-Mec	April 13, 2015	May 13, 2015	April 16, 2015	3	A
299	SUB-14-00002-UDSI-162-A	UDSI	Updated Schedule - March 2015	Schedule	April 13, 2015	May 13, 2015	April 16, 2015	3	B
300	SUB-14-00002-UDSI-163-A	UDSI	Confined Space	Pre-Construction	April 13, 2015	May 13, 2015	April 14, 2015	1	A
301	SUB-14-00002-UDSI-164-A	UDSI	Manhole Cover 750 mm - Test Reports	Material-Test	April 15, 2015	May 15, 2015	April 15, 2015	0	A
302	SUB-14-00002-UDSI-165-A	UDSI	Updated Environmental Mitigation and Monitoring Plan	Updated	April 14, 2015	May 14, 2015	April 16, 2015	2	A
303	SUB-14-00002-UDSI-166-A	UDSI	updated QC -Plan	Updated	April 14, 2015	May 14, 2015	April 14, 2015	0	A



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304	SUB-14-00002-UDSI-167-A	UDSI	Updated Submittals Schedule	Updated	April 14, 2015	May 14, 2015	April 14, 2015	0	A
305	SUB-14-00002-UDSI-168-A	UDSI	Galvanized Steel Panel for Yaqeen-Bani Naim Reservoir	Material-Mec	April 16, 2015	May 16, 2015	May 12, 2015	26	B
306	SUB-14-00002-UDSI-169-A	UDSI	Outline Training	OUTLINE	April 19, 2015	May 19, 2015	May 5, 2015	16	C
307	SUB-14-00002-UDSI-170-A	UDSI	Operation and Maintenance Manuals Outline	OUTLINE	April 23, 2015	May 23, 2015	May 5, 2015	12	C
308	SUB-14-00002-UDSI-171-A	UDSI	Air Valves fabrication - : Fabrication of Steel Tees 20" *6" & 20"*4" for Air Valve Chambers	Material-Mec	April 29, 2015	May 29, 2015	May 5, 2015	6	C
309	SUB-14-00002-UDSI-171-B	UDSI	Air Valves fabrication - : Fabrication of Steel Tees 20" *6" & 20"*4" for Air Valve Chambers	Material-Mec	May 17, 2015	June 16, 2015	May 18, 2015	1	B
310	SUB-14-00002-UDSI-172-A	UDSI	Indoor Junction Box	Material-Mec	April 29, 2015	May 29, 2015	May 11, 2015	12	C
311	SUB-14-00002-UDSI-172-B	UDSI	Indoor Junction Box	Material-Mec	May 17, 2015	June 16, 2015	May 26, 2015	9	D
312	SUB-14-00002-UDSI-173-A	UDSI	RAS At Tawil & Al'uddeisa Water Infrastructure - Phase IA - Road Shop Drawings From sta. 2+100 To sta. 5+585	Shop Drawing	April 30, 2015	May 30, 2015	May 20, 2015	20	C
313	SUB-14-00002-UDSI-174-A	UDSI	Flexible Conduit	Material-Electrical	April 30, 2015	May 30, 2015	May 11, 2015	11	C
314	SUB-14-00002-UDSI-175-A	UDSI	Instrumentation Cable	Material-Electrical	April 30, 2015	May 30, 2015	May 11, 2015	11	A
315	SUB-14-00002-UDSI-176-A	UDSI	Shop Drawings for Washout Outfall in Urban Areas 200mm	Shop Drawing	May 3, 2015	June 2, 2015	May 18, 2015	15	A
316	SUB-14-00002-UDSI-177-A	UDSI	Mock-up Sample for Manhole Penetration Sleeve	Material Sample	May 5, 2015	June 4, 2015	May 12, 2015	7	B
317	SUB-14-00002-UDSI-178-A	UDSI	Updated Schedule - April 2015	Schedule	May 11, 2015	June 10, 2015	May 12, 2015	1	B
318	SUB-14-00002-UDSI-179-A	UDSI	Updated Alsafi Booster Station Flow & Prv Equipment Pad	Shop Drawing	May 12, 2015	June 11, 2015	May 26, 2015	14	C
319	SUB-14-00002-UDSI-180-A	UDSI	Formwork Design Slab & Walls-Ras At Tawil	Shop Drawing	May 12, 2015	June 11, 2015	May 27, 2015	15	A



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No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
320	SUB-14-00002-UDSI-181-A	UDSI	RT Results- Radiographic Test Reports	Test	May 17, 2015	June 16, 2015	May 18, 2015	1	B
321	SUB-14-00002-UDSI-182-A	UDSI	Method Statement for TESTING (Hydrostatic, Disinfection and Flushing) (6" and 20" Pipelines) & Laboratory	Material-Mec	May 17, 2015	June 16, 2015	May 26, 2015	9	C
322	SUB-14-00002-UDSI-183-A	UDSI	Welders qualification testing Report	Pre-Construction	May 19, 2015	June 18, 2015	May 25, 2015	6	C
323	SUB-14-00002-UDSI-184-A	UDSI	Alternative - Gate Valves (Raphael)	Material-Mec	May 21, 2015	June 20, 2015	May 26, 2015	5	B
324	SUB-14-00002-UDSI-185-A	UDSI	Alternative - PN16 & PN25 Dismantling Joint- From UNIJOUNT	Material-Mec	May 21, 2015	June 20, 2015	May 25, 2015	4	B
325	SUB-14-00002-UDSI-186-A	UDSI	updated QC -Plan	Test	May 28, 2015	June 27, 2015	May 28, 2015	0	A



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No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
1	TEST-14-00002-UDSI-001-A	UDSI	Test Report - Reinforcement Deformed Steel Bars - Report # BM/STL/15004	Steel	February 8, 2015	March 10, 2015	February 8, 2015	0	A
2	TEST-14-00002-UDSI-002-A	UDSI	Test Report - Concrete Compressive Strength(Bani Na'em Reservoir Service Connection Concrete Footing) - Report # BM/CT/15307 - 7 Days	Concrete	February 15, 2015	March 17, 2015	February 15, 2015	0	A
3	TEST-14-00002-UDSI-003-A	UDSI	Test Report - Bedding Material Aggregate -Crushed Limestone Aggregates-(Somsom Size) - Report # BM/QC/15027	Bedding Material	February 25, 2015	March 27, 2015	February 25, 2015	0	A
4	TEST-14-00002-UDSI-004-A	UDSI	Test Report - Aggregate -Granular Limestone Aggregates I Single Size Aggregate (Combined Aggregate bu Mixing (50% Hommos and 50% Adas)).Al Jabari Crusher Plant I Bani Na'im - Report # BM/QC/15028	Single Size	February 25, 2015	March 27, 2015	February 25, 2015	0	A
5	TEST-14-00002-UDSI-005-A	UDSI	Test Report # BM-CT-15343-Concrete Compressive Strength - Walls of Bani Naim Reservoir Service Connection Chamber - 7 Days	Concrete	March 3, 2015	April 2, 2015	March 3, 2015	0	A
6	TEST-14-00002-UDSI-006-A	UDSI	Test Report # BM/CT/15351-Concrete Compressive Strength - Top Slab of Bani Naim Reservoir Service Connection Chamber - 7 Days	Concrete	March 3, 2015	April 2, 2015	March 3, 2015	0	A
7	TEST-14-00002-UDSI-007-A	UDSI	Test Report # BM/CT/15359-Concrete Compressive Strength - Foundations of Butterfly Valve Chambers (DN300) and (DN400)/ Al Safi Booster Station- 7 Days	Concrete	March 3, 2015	April 2, 2015	March 3, 2015	0	A
8	TEST-14-00002-UDSI-008-A	UDSI	Reinforcement Deformed Steel Bars #BM/STL/15007 - Two (3 Bars specimens for each sample)	Steel	March 4, 2015	April 3, 2015	March 4, 2015	0	A
9	TEST-14-00002-UDSI-009-A	UDSI	Test Report - Concrete Compressive Strength(Base of the Check Valve I Diameter 400mm Yatta Junction) - Report # BM/CT/15376 - 7 Days	Concrete	March 9, 2015	April 8, 2015	March 9, 2015	0	A
10	TEST-14-00002-UDSI-010-A	UDSI	Test Report - Concrete Compressive Strength(Walls of the Check Valve I Diameter 400mm I Yatta Junction) - Report # BM/CT/15385 - 7 Days	Concrete	March 9, 2015	April 8, 2015	March 9, 2015	0	A
11	TEST-14-00002-UDSI-011-A	UDSI	Test Report - Concrete Compressive Strength(Top Slab of the Check Valve I Diameter 400mm Yatta Junction) - Report # BM/CT/15393 - 7 Days	Concrete	March 9, 2015	April 8, 2015	March 9, 2015	0	A
12	TEST-14-00002-UDSI-012-A	UDSI	Test Report - Interpretive Ground Investigation Report- Soil Corrosivity Test Report ST/15024	soil	March 12, 2015	April 11, 2015	April 11, 2015	30	A
13	TEST-14-00002-UDSI-013-A	UDSI	Test Report - Concrete Compressive Strength(BFV / DN 300mm) - Report # BM/CT/15403 - 7 Days	Concrete	March 15, 2015	April 14, 2015	March 15, 2015	0	A
14	TEST-14-00002-UDSI-014-A	UDSI	Test Report - Concrete Compressive Strength(wall of DN400mm /Butterfly Valve Chamber/Al-Safi Booster Station) - Report # BM/CT/15412 - 7 Days	Concrete	March 15, 2015	April 14, 2015	March 15, 2015	0	A
15	TEST-14-00002-UDSI-015-A	UDSI	Test Report - Concrete Compressive Strength(Manhole Slab BFV / DN300mm + DN400mm) - Report # BM/CT/15430 - 7 Days	Concrete	March 15, 2015	April 14, 2015	March 15, 2015	0	A



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16	TEST-14-00002-UDSI-016-A	UDSI	Test Report - Concrete Compressive Strength(Bani Na'em Reservoir Service Connection Concrete Footing) - Report # BM/CT/15307 - 28 Days	Concrete	March 17, 2015	April 16, 2015	March 17, 2015	0	A
17	TEST-14-00002-UDSI-017-A	UDSI	Test Report # BM/CT/15351-Concrete Compressive Strength - Top Slab of Bani Nairn Reservoir Service Connection Chamber - 28 Days	Concrete	March 17, 2015	April 16, 2015	March 17, 2015	0	A
18	TEST-14-00002-UDSI-018-A	UDSI	Test Report Concrete Compressive Strength - Walls of Bani Nairn Reservoir Service Connection Chamber # BM-CT-15343-- 28 Days	Concrete	March 17, 2015	April 16, 2015	March 17, 2015	0	A
19	TEST-14-00002-UDSI-019-A	UDSI	Test Report # BM/CT/15359-Concrete Compressive Strength - Foundations of Butterfly Valve Chambers (DN300) and (DN400)/ Al Safi Booster Station- 28 Days	Concrete	April 6, 2015	May 6, 2015	April 7, 2015	1	A
20	TEST-14-00002-UDSI-020-A	UDSI	Test Report - Concrete Compressive Strength(Base of the Check Valve I Diameter 400mm Yatta Junction) - Report # BM/CT/15376 - 28 Days	Concrete	April 6, 2015	May 6, 2015	April 7, 2015	1	A
21	TEST-14-00002-UDSI-021-A	UDSI	Test Report - Concrete Compressive Strength(Walls of the Check Valve / Diameter 400mm /Yatta Junction) - Report # BM/CT/15385 - 28 Days	Concrete	April 6, 2015	May 6, 2015	April 7, 2015	1	A
22	TEST-14-00002-UDSI-022-A	UDSI	Test Report - Concrete Compressive Strength(Top Slab of the Check Valve I Diameter 400mm Yatta Junction) - Report # BM/CT/15393 - 28 Days	Concrete	April 6, 2015	May 6, 2015	April 7, 2015	1	A
23	TEST-14-00002-UDSI-023-A	UDSI	Test Report - Concrete Compressive Strength(BFV / DN 300mm) - Report # BM/CT/15403 - 28Days	Concrete	April 6, 2015	May 6, 2015	April 7, 2015	1	A
24	TEST-14-00002-UDSI-024-A	UDSI	Test Report - Concrete Compressive Strength(wall of DN400mm /Butterfly Valve Chamber/Al-Safi Booster Station) - Report # BM/CT/15412 - 28 Days	Concrete	April 6, 2015	May 6, 2015	April 7, 2015	1	A
25	TEST-14-00002-UDSI-025-A	UDSI	Test Report - Concrete Compressive Strength (Base of the Check Valve / Diameter 500mm / Yatta Junction) - Report # BM/CT/15456 - 7 Days	Concrete	April 6, 2015	May 6, 2015	April 7, 2015	1	A
26	TEST-14-00002-UDSI-026-A	UDSI	Test Report - Concrete Compressive Strength (Walls of Manhole / Diameter 500mm) - Report # BM/CT/15472 - 7 Days	Concrete	April 6, 2015	May 6, 2015	April 7, 2015	1	A
27	TEST-14-00002-UDSI-027-A	UDSI	Test Report - Concrete Compressive Strength (Slab of Manhole / DN 500mm) - Report # BM/CT/15480 - 7 Days	Concrete	April 6, 2015	May 6, 2015	April 7, 2015	1	A
28	TEST-14-00002-UDSI-028-A	UDSI	Test Report - Concrete Compressive Strength (Foundations of Butterfly Valve Chambers (DN500) /Yatta Junction / Al Safi Booster Station) - Report # BM/CT/15522 - 7 Days	Concrete	April 6, 2015	May 6, 2015	April 7, 2015	1	A
29	TEST-14-00002-UDSI-029-A	UDSI	Test Report - Concrete Compressive Strength (Base of the Check Valve / Diameter 500mm / Yatta Junction) - Report # BM/CT/15456 - 28 Days	Concrete	April 19, 2015	May 19, 2015	April 21, 2015	2	A
30	TEST-14-00002-UDSI-030-A	UDSI	Test Report - Concrete Compressive Strength(Manhole Slab BFV / DN300mm + DN400mm) - Report # BM/CT/15430 - 28 Days	Concrete	April 19, 2015	May 19, 2015	April 21, 2015	2	A
31	TEST-14-00002-UDSI-031-A	UDSI	Test Report - Concrete Compressive Strength (Walls of Manhole / Diameter 500mm) - Report # BM/CT/15472 - 28 Days	Concrete	April 19, 2015	May 19, 2015	April 21, 2015	2	A



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32	TEST-14-00002-UDSI-032-A	UDSI	Test Report - Concrete Compressive Strength (Slab of Manhole / DN 500mm) - Report # BM/CT/15480 - 28 Days	Concrete	April 19, 2015	May 19, 2015	April 21, 2015	2	A
33	TEST-14-00002-UDSI-033-A	UDSI	Test Report - Concrete Compressive Strength (Foundations of Ras Al Tawil Emergency Service Connection Chamber.) - Report # /BM/CT/15569 - 7 Days	Concrete	April 19, 2015	May 19, 2015	April 21, 2015	2	A
34	TEST-14-00002-UDSI-034-A	UDSI	Test Report - (Somsom) - Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (1+000 & 1 +500) - Report # /BM/QC/15052	SOMSOM	April 19, 2015	May 19, 2015	April 21, 2015	2	A
35	TEST-14-00002-UDSI-035-A	UDSI	Test Report - (Single Size Aggregate) - Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (1 +000 & 1+500)) - Report # BM/QC/15053	SINGLE SIZE	April 19, 2015	May 19, 2015	April 21, 2015	2	A
36	TEST-14-00002-UDSI-036-A	UDSI	Test Report - (Base Course) - Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (1 +000 & 1 +500)- Report # ST/15157	Base Course	April 19, 2015	May 19, 2015	April 21, 2015	2	A
37	TEST-14-00002-UDSI-037-A	UDSI	Test Report - Concrete Compressive Strength (Top Slab of Ras Al Tawil Emergency Service Connection Chamber DN-100) - 7 Days- Report # BM/CT/15598	Concrete	April 23, 2015	May 23, 2015	April 23, 2015	0	A
38	TEST-14-00002-UDSI-038-A	UDSI	Test Report - Density of Soil In-Place (B,C)(Al 'Uddeisa Main Pipeline Between Stations (1+000 & 1+350)) - Days- Report # ST/15189	Density	April 23, 2015	May 23, 2015	April 23, 2015	0	A
39	TEST-14-00002-UDSI-039-A	UDSI	Test Report - Concrete Compressive Strength (Foundations of Butterfly Valve Chambers (DN500) /Yatta Junction / Al Safi Booster Station) - Report # BM/CT/15522 - 28 Days	Concrete	April 26, 2015	May 26, 2015	April 28, 2015	2	A
40	TEST-14-00002-UDSI-040-A	UDSI	Test Report - Concrete Compressive Strength (Base of the Butterfly Valve Chamber I Diameter 500mm at Station (1+017)) - Report # BM/CT/15626 - 7 Days	Concrete	April 26, 2015	May 26, 2015	April 28, 2015	2	A
41	TEST-14-00002-UDSI-041-A	UDSI	Test Report -Bituminous Paving Mixture Report - Size 3/4" - Al 'Uddeisa Main Pipeline Between Stations (1+350 & 1+440) - Report # AS/TBM/15129	Bitomin	May 10, 2015	June 9, 2015	May 10, 2015	0	A
42	TEST-14-00002-UDSI-042-A	UDSI	Test Report - Concrete Compressive Strength (Foundations of Ras Al Tawil Emergency Service Connection Chamber.) - Report # /BM/CT/15569 - 28 Days	Concrete	May 10, 2015	June 9, 2015	May 10, 2015	0	A
43	TEST-14-00002-UDSI-043-A	UDSI	Test Report - Concrete Compressive Strength (Walls of Ras Al Tawil Emergency Service Connection Chamber.) - Report # /BM/CT/15581 - 28 Days	Concrete	May 10, 2015	June 9, 2015	May 10, 2015	0	A
44	TEST-14-00002-UDSI-044-A	UDSI	Test Report - Density of Soil In-Place-Base Course-Al 'Uddeisa Main Pipeline Between Stations (1+350 & 1+850) - Report # ST /FDI/5210	Density	May 10, 2015	June 9, 2015	May 10, 2015	0	A
45	TEST-14-00002-UDSI-045-A	UDSI	Test Report - Bedding Material Aggregate-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+000 & 2+500) - Somsom Size- Report # BM/QC/15066	Somsom Size	May 10, 2015	June 9, 2015	May 10, 2015	0	A
46	TEST-14-00002-UDSI-046-A	UDSI	Test Report - Bedding Material Aggregate-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+000 & 2+500) - Single Size Aggregate- Report # BM/QC/15067	Single Size Aggregate	May 10, 2015	June 9, 2015	May 10, 2015	0	A
47	TEST-14-00002-UDSI-047-A	UDSI	Test Report - Soil Aggregate Materials Testing Report-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (1+500 & 2+000)-Base Course- Report # ST/15181	Base Course-Loose Sample	May 10, 2015	June 9, 2015	May 10, 2015	0	A



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48	TEST-14-00002-UDSI-048-A	UDSI	Test Report -Bituminous Paving Mixture Report - Size 3/4" - Al 'Uddeisa Main Pipeline Between Stations (1 +020 & 1 +300)- Report # AS/TBM/15118	Bitomin	May 10, 2015	June 9, 2015	May 10, 2015	0	A
49	TEST-14-00002-UDSI-049-A	UDSI	Test Report - Concrete Compressive Strength (Top Slab of Ras Al-Tawil Emergency Service Connection Chamber DN-100) - 28 Days- Report # BM/CT/15598	Concrete	May 12, 2015	June 11, 2015	May 13, 2015	1	A
50	TEST-14-00002-UDSI-050-A	UDSI	Test Report - Concrete Compressive Strength(Walls of 500mm Butterfly Valve Chamber /Yalta Junction) - Report # BM/CT/15540 - 28 Days	Concrete	May 13, 2015	June 12, 2015	May 13, 2015	0	A
51	TEST-14-00002-UDSI-051-A	UDSI	Test Report - Concrete Compressive Strength(Slab of Manhole /Butterfly Valve Chambers /Yatta Junction) - Report # BM/CT/15545 - 28 Days	Concrete	May 12, 2015	June 11, 2015	May 13, 2015	1	A
52	TEST-14-00002-UDSI-052-A	UDSI	Test Report - Concrete Compressive Strength (Base of the Butterfly Valve Chamber I Diameter 500mm at Station (1+017)) - Report # BM/CT/15626 -28 Days	Concrete	May 17, 2015	June 16, 2015	May 18, 2015	1	A
53	TEST-14-00002-UDSI-053-A	UDSI	Test Report - Concrete Compressive Strength (Wall of W.O Chamber at Station (1+205) and Foundation of flow Monitoring chamber at Station (2+510)) - Report # BM/CT/15708 -7 Days	Concrete	May 17, 2015	June 16, 2015	May 18, 2015	1	A
54	TEST-14-00002-UDSI-054-A	UDSI	Test Report - Density of Soil In-Place - Base Course I Trench Lines- Al 'Uddeisa Main Pipeline Between Stations (0+956 & 1+020) Report # ST/FD/15266	Density	May 17, 2015	June 16, 2015	May 18, 2015	1	A
55	TEST-14-00002-UDSI-055-A	UDSI	Test Report - Bedding Material Aggregate -(Somsom Size)Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+500 & 3+000) Report # BM/QC/15069	Bedding Material - Somsom	May 17, 2015	June 16, 2015	May 18, 2015	1	A
56	TEST-14-00002-UDSI-056-A	UDSI	Test Report - Aggregate -Back Fill Materials -Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+500 & 3+000)- Report # BM/QC/15070	Backfill	May 17, 2015	June 16, 2015	May 18, 2015	1	A
57	TEST-14-00002-UDSI-057-A	UDSI	Test Report - Bedding Material Aggregate-(Somsom Size)-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+000 & 3+500) - Report # BM/QC/15071	Bedding Material - Somsom	May 17, 2015	June 16, 2015	May 18, 2015	1	A
58	TEST-14-00002-UDSI-058-A	UDSI	Test Report - Back Fill Materials -(Single Size Aggregate)-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+000 & 3+500) - Report # BM/QC/15072	Backfill-Single Size	May 17, 2015	June 16, 2015	May 18, 2015	1	A
59	TEST-14-00002-UDSI-059-A	UDSI	Test Report - Bedding Material Aggregate-(Somsom Size)-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+500 & 4+000) - Report # BM/QC/15073	Bedding Material - Somsom	May 17, 2015	June 16, 2015	May 18, 2015	1	A
60	TEST-14-00002-UDSI-060-A	UDSI	Test Report - Bedding Material Aggregate-(Single Size Aggregate)-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+500 & 4+000) - Report # BM/QC/15074	Bedding Material-Single Size	May 17, 2015	June 16, 2015	May 18, 2015	1	A
61	TEST-14-00002-UDSI-061-A	UDSI	Test Report - Soil and Soil Aggregate Materials Testing Report -Base Course- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+500 & 3+000) - Loose SampleReport # ST/15231	B.C - Loose Sample	May 17, 2015	June 16, 2015	May 18, 2015	1	A
62	TEST-14-00002-UDSI-062-A	UDSI	Test Report - Soil and Soil Aggregate Materials Testing Report -Base Course- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+000 & 3+500) - Loose SampleReport # ST/15232	soil	May 17, 2015	June 16, 2015	May 18, 2015	1	A
63	TEST-14-00002-UDSI-063-A	UDSI	Test Report - Reinforcement Deformed Steel Bars -Ø16 & Ø20mm.-Report # BM/STL/15019	Steel	May 17, 2015	June 16, 2015	May 18, 2015	1	A



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RAS AL TAWIL & AL 'UDEISA WATER INFRASTRUCTURE AND AL SAFI BOOSTER STATION – PHASE I - UDSI

Updated Date :May 31, 2015

QC SUBMITTALS LOG									
64	TEST-14-00002-UDSI-064-A	UDSI	Chlorination and Bacteriological Test Reports / 150m Steel Pipeline from STA: 2+506.04 to STA: 3+238	Disinfection	May 28, 2015	June 27, 2015	May 28, 2015	0	A
65	TEST-14-00002-UDSI-065-A	UDSI	Test Report - Bedding Material Aggregate-((Somsom Size))-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (1+500 & 2+000) - Report # BM/QC/15061	Somsom Size	May 31, 2015	June 30, 2015	May 31, 2015	0	A
66	TEST-14-00002-UDSI-066-A	UDSI	Test Report - Bedding Material Aggregate-((Single Size))-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (1+500 & 2+000) - Report # BM/QC/15062	Single Size	May 31, 2015	June 30, 2015	May 31, 2015	0	A
67	TEST-14-00002-UDSI-067-A	UDSI	Test Report - Bedding Material Aggregate-((Base Course-Loose Sample))-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+000 & 2+500)- Report # ST/15207	Single Size	May 31, 2015	June 30, 2015	May 31, 2015	0	A
68	TEST-14-00002-UDSI-068-A	UDSI	Test Report -Bituminous Paving Mixture Report - Binder Course Layer- Size 3/4" - Al 'Uddeisa Main Pipeline Between Stations (1 +660 & 1 +850)- Report # AS/TBM/15134	Bitumin	May 31, 2015	June 30, 2015	May 31, 2015	0	A
69	TEST-14-00002-UDSI-069-A	UDSI	Test Report - Soil and Soil Aggregate Materials Testing Report -Base Course- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+500 & 4+000)- Loose Sample Report # ST/15236	Base Course	May 31, 2015	June 30, 2015	May 31, 2015	0	A
70	TEST-14-00002-UDSI-070-A	UDSI	Test Report - Soil and Soil Aggregate Materials Testing Report -Fill Materials/Loose Sample- Ras Al Tawil & Al 'Uddeisa Main Pipeline -Report #ST/15245	Fill Materials	May 31, 2015	June 30, 2015	May 31, 2015	0	A



Annex E:

RFI's Log for the Reporting Period



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-13-00002



TASK ORDER NO. AID-294-TO-14-00002
Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi
Booster Station - Phase I Pipeline Connection

Updated Date :May 31, 2015

REQUEST FOR INFORMATION LOG							
No.	RFI No.	Project	Description	Submitted Date	Contract Due Date	Response Date	Review Days
1	RFI-14-00002-UDSI-C-E-001	UDSI	Substitution New Jersey Barriers with Steel Mini Guard	December 3, 2014	January 2, 2015	December 9, 2014	6
2	RFI-14-00002-UDSI-C-E-002	UDSI	Pressure reduction through the combination pressure reducing & flow control valves at Al-SAFI Booster Station PRV-110 & PRV-111.	December 29, 2014	January 28, 2015	January 11, 2015	13
3	RFI-14-00002-UDSI-C-E-003	UDSI	Deletion of the valve actuators assembly from the submitted (PAM) DN150 & DN200 gate valves (PN16)	January 25, 2015	February 24, 2015	January 29, 2015	Retraeted By- Contractor
4	RFI-14-00002-UDSI-C-E-004	UDSI	Replacing the Hubbed slip on flanges type12 by slip-on flanges type1.	January 25, 2015	February 24, 2015	February 16, 2015	22
5	RFI-14-00002-UDSI-C-E-005	UDSI	Alternative to the modular Link-Seals	February 3, 2015	March 5, 2015	March 8, 2015	33
6	RFI-14-00002-UDSI-C-E-006	UDSI	Actuators for the Gate Valves	February 15, 2015	March 17, 2015	February 22, 2015	7
7	RFI-14-00002-UDSI-C-E-007	UDSI	Trench Typical Cross-section.	February 16, 2015	March 18, 2015	March 9, 2015	21
8	RFI-14-00002-UDSI-C-E-008	UDSI	Cathodic protection system for the 6" pipeline	February 26, 2015	March 28, 2015	March 11, 2015	Retraeted By- Contractor
9	RFI-14-00002-UDSI-C-E-008	UDSI	Cathodic protection system for the 6" pipeline	March 12, 2015	April 11, 2015	March 22, 2015	Retraeted By- Contractor
10	RFI-14-00002-UDSI-C-E-008	UDSI	Cathodic protection system	March 22, 2015	April 21, 2015	March 30, 2015	Retraeted By- Contractor
11	RFI-14-00002-UDSI-C-E-008	UDSI	Cathodic protection system	March 30, 2015	April 29, 2015	April 23, 2015	24
12	RFI-14-00002-UDSI-C-E-009	UDSI	Alternative to the modular link seals.	March 25, 2015	April 24, 2015	March 30, 2015	5
13	RFI-14-00002-UDSI-C-E-010	UDSI	Installation of Cathodic Protection Anod bag	May 14, 2015	June 13, 2015	May 20, 2015	6



Annex F:

Payments Log



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-13-00002
TASK ORDER NO. AID-294-TO-14-00002



Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi
Booster Station - Phase I Pipeline Connection

Updated Date: May 31, 2015

PROGRESS PAYMENT LOG										
No.	Payment No.	TO No.	Invoiced Amount	Cumulative Amount	Task Order Amount	Remaining Amount	Date Submitted to BV	Date Sent to USAID	Review Period (Work Days)	COR
1	Pay-14-000002-UDSI-001	14-00002	\$ 161,632.00	\$ 161,632.00	\$ 4,462,836.00	\$ 4,301,204.00	December 29, 2014	January 5, 2015	7	Kamal Kasbary
2	Pay-14-000002-UDSI-002	14-00002	\$ 175,000.00	\$ 336,632.00	\$ 4,462,836.00	\$ 4,126,204.00	March 3, 2015	March 4, 2015	1	Kamal Kasbary
3	Pay-14-000002-UDSI-003	14-00002	\$ 161,276.80	\$ 497,908.80	\$ 4,462,836.00	\$ 3,964,927.20	April 8, 2015	April 8, 2015	0	Kamal Kasbary
4	Pay-14-000002-UDSI-004	14-00002	\$ 441,881.60	\$ 939,790.40	\$ 4,462,836.00	\$ 3,523,045.60	May 3, 2015	May 6, 2015	3	Kamal Kasbary
5	Pay-14-000002-UDSI-005	14-00002	\$ 585,998.87	\$ 1,525,789.27	\$ 4,462,836.00	\$ 2,937,046.73	May 19, 2015	May 20, 2015	1	Kamal Kasbary



Annex G:

Transmittal Log



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-13-00002
TASK ORDER NO. AID-294-TO-14-00002
Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi
Booster Station - Phase I Pipeline Connection



OUTGOING EMAILS LOG					
No.	DCN No.	Subject	From : Organization	To : Organization	Sent Date
1	Email-14-02-SAK-OUT-0001	TO-00002-14-UDSI Key Personnel	SAK	USAID	November 10, 2014
2	Email-14-02-SAK-OUT-0002	AID-294-TO-14-00002 Subcontractors	SAK	USAID	November 10, 2014
3	Email-14-02-SAK-OUT-0003	TO-14-02-UDSI Daily Joint Report	SAK	BV	November 11, 2014
4	Email-14-02-SAK-OUT-0004	SUB-14-00002-UDSI-004-A (Submittal Schedule)	SAK	BV	November 12, 2014
5	Email-14-02-SAK-OUT-0005	SUB-14-00002-UDSI-015-A (Engineer's Field Offices Layout)	SAK	BV	November 12, 2014
6	Email-14-02-SAK-OUT-0006	TO-14-02-UDSI: Project Information	SAK	Building Center Lab	November 12, 2014
7	Email-14-02-SAK-OUT-0007	TO-14-02-UDSI: Backfilling Test Report	SAK	Building Center Lab	November 13, 2014
8	Email-14-02-SAK-OUT-0008	Introductory Meeting Minutes -Draft	SAK	USAID	November 15, 2014
9	Email-14-02-SAK-OUT-0009	TO-14-02-UDSI: Daily Joint Report	SAK	BV	November 18, 2014
10	Email-14-02-SAK-OUT-0010	TO-00002-14-UDSI: Key Personnel	SAK	USAID	November 20, 2014
11	Email-14-02-SAK-OUT-0011	Request for Vetting - AVROT INDUSRIES LTD	SAK	USAID	November 20, 2014
12	Email-14-02-SAK-OUT-0012	Request for Vetting - Al Darb for Water, Irrigation and Sewage Supply LTD	SAK	USAID	November 20, 2014
13	Email-14-02-SAK-OUT-0013	Request for Vetting - Jeddah Industries and Commercial Company	SAK	USAID	November 20, 2014
14	Email-14-02-SAK-OUT-0014	Daily Joint Reports	SAK	BV	November 23, 2014
15	Email-14-02-SAK-OUT-0015	RE:Request for Vetting - LIGHT Company	SAK	USAID	November 23, 2014
16	Email-14-02-SAK-OUT-0016	Flyer	SAK	USAID	November 23, 2014
17	Email-14-02-SAK-OUT-0017	RE: LIGHT EMCO for Vetting - part1/2	SAK	LIGHT EMCO Ltd	November 23, 2014
18	Email-14-02-SAK-OUT-0018	Technical Meeting	SAK	BV	November 26, 2014



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Booster Station - Phase I Pipeline Connection



OUTGOING EMAILS LOG					
No.	DCN No.	Subject	From : Organization	To : Organization	Sent Date
19	Email-14-02-SAK-OUT-0019	Retract Sub # SUB-14-00002-UDSI-025-A	SAK	BV	December 2, 2014
20	Email-14-02-SAK-OUT-0020	November Monthly Progress Report	SAK	USAID	December 5, 2014
21	Email-14-02-SAK-OUT-0021	November Geo-MIS data	SAK	BV	December 7, 2014
22	Email-14-02-SAK-OUT-0022	Vetting Request for A'amal Company	SAK	USAID	December 8, 2014
23	Email-14-02-SAK-OUT-0023	Draft MOM No. 001	SAK	BV	December 13, 2014
24	Email-14-02-SAK-OUT-0024	Key Personnel	SAK	USAID	December 15, 2014
25	Email-14-02-SAK-OUT-0025	Al Safi Connection	SAK	PWA	December 16, 2014
26	Email-14-02-SAK-OUT-0026	Cost Monthly Projections	SAK	USAID	December 18, 2014
27	Email-14-02-SAK-OUT-0027	Cost Monthly Projections	SAK	USAID	December 18, 2014
28	Email-14-02-SAK-OUT-0028	Key Personnel	SAK	USAID	December 20, 2014
29	Email-14-02-SAK-OUT-0029	Mobilization Payment Check List	SAK	BV	December 22, 2014
30	Email-14-02-SAK-OUT-0030	Draft Mobilization Payment	SAK	BV	December 24, 2014
31	Email-14-02-SAK-OUT-0031	Traffic Plan Area C	SAK	BV	December 24, 2014
32	Email-14-02-SAK-OUT-0032	TO-14-02-UDSI: Saturday Schedule	SAK	BV	December 24, 2014
33	Email-14-02-SAK-OUT-0033	November Monthly Progress Report	SAK	BV	December 28, 2014
34	Email-14-02-SAK-OUT-0034	Site Walkthrough at Saer Are	SAK	BV	December 28, 2014
35	Email-14-02-SAK-OUT-0035	Rasl Al Taweel Project (Traffic Plan Area C)	SAK	DCL/Mgassan@zahav.net.il	December 29, 2014
36	Email-14-02-SAK-OUT-0036	Water Sector Indicator 1 (2 Emails)	SAK	BV	December 29, 2014



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Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi
Booster Station - Phase I Pipeline Connection



OUTGOING EMAILS LOG					
No.	DCN No.	Subject	From : Organization	To : Organization	Sent Date
37	Email-14-02-SAK-OUT-0037	Ras AL-taweel Project Flyer	SAK	Bani Naim Municipality	December 30, 2014
38	Email-14-02-SAK-OUT-0038	November Monthly Progress Report	SAK	USAID	January 3, 2015
39	Email-14-02-SAK-OUT-0039	December Monthly Progress Report	SAK	USAID	January 5, 2015
40	Email-14-02-SAK-OUT-0040	Upgrade of AutoCAD 2012 to 2015	SAK	Michael Younan' <gsc@gsecc.com>	January 6, 2015
41	Email-14-02-SAK-OUT-0041	Geo-MIS Reporting Data for December 2014	SAK	BV	January 6, 2015
42	Email-14-02-SAK-OUT-0042	SAK to PWA Letters	SAK	BV	January 6, 2015
43	Email-14-02-SAK-OUT-0043	Tax invoice for Progress Payment #01	SAK	USAID	January 7, 2015
44	Email-14-02-SAK-OUT-0044	Al Safi Booster Station Gate Valves	SAK	BV	January 8, 2015
45	Email-14-02-SAK-OUT-0045	November Monthly Progress Report	SAK	USAID	January 8, 2015
46	Email-14-02-SAK-OUT-0046	CP training	SAK	BV	January 11, 2015
47	Email-14-02-SAK-OUT-0047	Draft MOM No. 003	SAK	BV	January 12, 2015
48	Email-14-02-SAK-OUT-0048	WBWD Bank Guarantee	SAK	BV	January 12, 2015
49	Email-14-02-SAK-OUT-0049	Instrumentation Modifications 27 KB Outgoing	SAK	BV	January 13, 2015
50	Email-14-02-SAK-OUT-0050	CPM Meeting	SAK	BV	January 14, 2015
51	Email-14-02-SAK-OUT-0051	Bani Naiem Reservoir Flow control Valve	SAK	BV	January 14, 2015
52	Email-14-02-SAK-OUT-0052	Saturday Schedule	SAK	BV	January 15, 2015
53	Email-14-02-SAK-OUT-0053	Al Safi Booster Station Connection	SAK	BV	January 19, 2015
54	Email-14-02-SAK-OUT-0054	: Permit Request	SAK	USAID	January 19, 2015



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-13-00002
TASK ORDER NO. AID-294-TO-14-00002
Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi
Booster Station - Phase I Pipeline Connection



OUTGOING EMAILS LOG					
No.	DCN No.	Subject	From : Organization	To : Organization	Sent Date
55	Email-14-02-SAK-OUT-0055	Traffic Control Plan/Area C	SAK	BV	January 19, 2015
56	Email-14-02-SAK-OUT-0056	Task Order #14-00002, Insurance Policies.	SAK	USAID	January 21, 2015
57	Email-14-02-SAK-OUT-0057	Saturday Schedule	SAK	BV	January 22, 2015
58	Email-14-02-SAK-OUT-0058	Urgent Submittals	SAK	BV	January 26, 2015
59	Email-14-02-SAK-OUT-0059	SCADA Works	SAK	BV	January 26, 2015
60	Email-14-02-SAK-OUT-0060	Al Safi Booster Station Connection	SAK	BV	January 28, 2015
61	Email-14-02-SAK-OUT-0061	Key Personnel	SAK	USAID	January 29, 2015
62	Email-14-02-SAK-OUT-0062	Saturday Schedule	SAK	BV	January 29, 2015
63	Email-14-02-SAK-OUT-0063	Retract- SUB-14-00002-UDSI-089-A	SAK	BV	January 31, 2015
64	Email-14-02-SAK-OUT-0064	Start Excavation	SAK	BV	February 1, 2015
65	Email-14-02-SAK-OUT-0065	Traffic Control Plan/Area C	SAK	BV	February 2, 2015
66	Email-14-02-SAK-OUT-0066	December Monthly Progress Report	SAK	USAID	February 3, 2015
67	Email-14-02-SAK-OUT-0067	Retract- SUB-14-00002-UDSI-114-A	SAK	BV	February 3, 2015
68	Email-14-02-SAK-OUT-0068	Al Safi Booster Station Connection	SAK	BV/PWA	February 4, 2015
69	Email-14-02-SAK-OUT-0069	Modified Monthly Progress Report, December 2014	SAK	USAID	February 4, 2015
70	Email-14-02-SAK-OUT-0070	Retract- IR-14-00002-UDSI-006-A (Pressure Leakage Test	SAK	BV	February 5, 2015
71	Email-14-02-SAK-OUT-0071	Saturday Schedule	SAK	BV	February 5, 2015
72	Email-14-02-SAK-OUT-0072	January Monthly Progress Report	SAK	USAID	February 5, 2015



USAID WEST BANK - GAZA
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Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi
Booster Station - Phase I Pipeline Connection



OUTGOING EMAILS LOG					
No.	DCN No.	Subject	From : Organization	To : Organization	Sent Date
73	Email-14-02-SAK-OUT-0073	Al Safi Booster Station Connection	SAK	BV	February 8, 2015
74	Email-14-02-SAK-OUT-0074	Traffic Control Plan Area C	SAK	USAID	February 11, 2015
75	Email-14-02-SAK-OUT-0075	Traffic Control Plan Area C	SAK	BV	February 11, 2015
76	Email-14-02-SAK-OUT-0076	Saturday Schedule	SAK	BV	February 12, 2015
77	Email-14-02-SAK-OUT-0077	Retract- SUB-14-00002-UDSI-114-A	SAK	BV	February 17, 2015
78	Email-14-02-SAK-OUT-0078	Saturday Schedule	SAK	BV	February 19, 2015
79	Email-14-02-SAK-OUT-0079	Traffic Plan Area C (2 E-MAILS)	SAK	BV	February 22, 2015
80	Email-14-02-SAK-OUT-0080	Traffic Plan Area C (2 E-MAILS)	SAK	BV	February 23, 2015
81	Email-14-02-SAK-OUT-0081	Retract- IR-14-00002-UDSI-022-A	SAK	BV	February 24, 2015
82	Email-14-02-SAK-OUT-0082	Al Safi Booster Station	SAK	BV	February 25, 2015
83	Email-14-02-SAK-OUT-0083	Saturday Schedule	SAK	BV	February 26, 2015
84	Email-14-02-SAK-OUT-0084	Manhole Cover Logo	SAK	USAID	March 2, 2015
85	Email-14-02-SAK-OUT-0085	SCADA meeting	SAK	BV	March 4, 2015
86	Email-14-02-SAK-OUT-0086	UDSI - December Monthly Report - COR -Final	SAK	BV	March 4, 2015
87	Email-14-02-SAK-OUT-0087	SCADA meeting	SAK	BV	March 5, 2015
88	Email-14-02-SAK-OUT-0088	Saturday Schedule 22 KB Outgoing	SAK	BV	March 5, 2015
89	Email-14-02-SAK-OUT-0089	February Monthly Progress Report	SAK	USAID	March 5, 2015
90	Email-14-02-SAK-OUT-0090	February 2015 Geo-MIS Data	SAK	BV	March 8, 2015



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Local Construction Program (LCP)
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Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi
Booster Station - Phase I Pipeline Connection



OUTGOING EMAILS LOG

No.	DCN No.	Subject	From : Organization	To : Organization	Sent Date
91	Email-14-02-SAK-OUT-0091	Retract submittal no. 136-A	SAK	BV	March 9, 2015
92	Email-14-02-SAK-OUT-0092	RFI-14-00002-UDSI-C-E-008 (Cathodic protection system for the 6" pipeline)	SAK	BV	March 10, 2015
93	Email-14-02-SAK-OUT-0093	Retract- RFI-14-00002-UDSI-C-E-008 (Cathodic protection system for the 6" pipeline)	SAK	BV	March 11, 2015
94	Email-14-02-SAK-OUT-0094	Off-site inspection request	SAK	BV	March 12, 2015
95	Email-14-02-SAK-OUT-0095	Saturday Schedule	SAK	BV	March 12, 2015
96	Email-14-02-SAK-OUT-0096	Al Safi Booster Station	SAK	<amin.alamarin@ahlia.ps>; akhsfhrshk@ahlia.ps	March 17, 2015
97	Email-14-02-SAK-OUT-0097	RFI-14-00002-UDSI-C-E-008 (Cathodic protection system for the 6" pipeline)	SAK	BV	March 22, 2015
98	Email-14-02-SAK-OUT-0098	Accruals	SAK	USAID	March 23, 2015
99	Email-14-02-SAK-OUT-0099	SCADA Works	SAK	BV	March 24, 2015
100	Email-14-02-SAK-OUT-0100	Works in Area C	SAK	DCL/Mgassan@zahav.net.il	March 24, 2015
101	Email-14-02-SAK-OUT-0101	Works in Area C	SAK	DCL/Mgassan@zahav.net.il	March 24, 2015
102	Email-14-02-SAK-OUT-0102	SCADA Works	SAK	BV	March 24, 2015
103	Email-14-02-SAK-OUT-0103	Saturday Schedule	SAK	BV	March 26, 2015
104	Email-14-02-SAK-OUT-0104	RFI-14-00002-UDSI-C-E-008 (Cathodic protection system)	SAK	BV	March 30, 2015
105	Email-14-02-SAK-OUT-0105	Start Excavation	SAK	mohd.amro@paltel.net	March 30, 2015
106	Email-14-02-SAK-OUT-0106	Partial payment against BOQ items related to Item 4: (Valves, Connections and Chambers)	SAK	USAID	April 5, 2015
107	Email-14-02-SAK-OUT-0107	March Monthly Progress Report	SAK	USAID	April 5, 2015
108	Email-14-02-SAK-OUT-0108	Daily Works	SAK	BV	April 6, 2015



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Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi
Booster Station - Phase I Pipeline Connection



OUTGOING EMAILS LOG					
No.	DCN No.	Subject	From : Organization	To : Organization	Sent Date
109	Email-14-02-SAK-OUT-0109	Geo-MIS -March, 2015	SAK	BV	April 6, 2015
110	Email-14-02-SAK-OUT-0110	TO-14-02-UDSI: Daily Works	SAK	BV	April 6, 2015
111	Email-14-02-SAK-OUT-0111	March Monthly Progress Report	SAK	USAID	April 6, 2015
112	Email-14-02-SAK-OUT-0112	February Monthly Progress Report	SAK	USAID	April 6, 2015
113	Email-14-02-SAK-OUT-0113	More Precautions To avoid Underground Utilities Damaging	SAK	mohd.amro@paltel.net;;basem.atr ash@paltel.net	April 8, 2015
114	Email-14-02-SAK-OUT-0114	Saturday and Sunday Schedule	SAK	BV	April 9, 2015
115	Email-14-02-SAK-OUT-0115	Draft MOM No. 009	SAK	BV	April 11, 2015
116	Email-14-02-SAK-OUT-0116	Cathodic Protection System	SAK	BV	April 15, 2015
117	Email-14-02-SAK-OUT-0117	CLOSING THE ROAD TO#14-02	SAK	USAID	April 15, 2015
118	Email-14-02-SAK-OUT-0118	CLOSING THE ROAD TO#14-02	SAK	USAID	April 15, 2015
119	Email-14-02-SAK-OUT-0119	Delivery of Steel Pipes	SAK	USAID	April 15, 2015
120	Email-14-02-SAK-OUT-0120	Saturday Schedule	SAK	BV	April 16, 2015
121	Email-14-02-SAK-OUT-0121	Delivery of Steel Pipes 76 KB	SAK	USAID	April 18, 2015
122	Email-14-02-SAK-OUT-0122	TO14-02-UDSI: Training	SAK	BV	April 23, 2015
123	Email-14-02-SAK-OUT-0123	Geo-MIS -April, 2015	SAK	BV	May 5, 2015
124	Email-14-02-SAK-OUT-0124	Comments on Contractor's Monthly Report -March 2015	SAK	USAID	May 5, 2015
125	Email-14-02-SAK-OUT-0125	April Monthly Progress Report	SAK	USAID	May 5, 2015
126	Email-14-02-SAK-OUT-0126	Yaqeen/Bani Naim Reservoir	SAK	BV/PWA	May 5, 2015



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-13-00002
TASK ORDER NO. AID-294-TO-14-00002
Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi
Booster Station - Phase I Pipeline Connection



OUTGOING EMAILS LOG					
No.	DCN No.	Subject	From : Organization	To : Organization	Sent Date
127	Email-14-02-SAK-OUT-0127	PALTEL Fiber Optic Cable	SAK	jamal.madieh@ahlia.ps	May 6, 2015
128	Email-14-02-SAK-OUT-0128	PALTEL Fiber Optic Cable (Different email from the previous)	SAK	jamal.madieh@ahlia.ps	May 7, 2015
129	Email-14-02-SAK-OUT-0129	Comments on Contractor's Monthly Report -March 2015	SAK	USAID	May 8, 2015
130	Email-14-02-SAK-OUT-0130	Yaqeen/Bani Naim Reservoir	SAK	BV/PWA	May 11, 2015
131	Email-14-02-SAK-OUT-0131	Yaqeen/Bani Naim Reservoir	SAK	BV/PWA	May 11, 2015
132	Email-14-02-SAK-OUT-0132	Al Safi Booster Station/Prices List	SAK	jamal.madieh@ahlia.ps; yaghi@sak1.com	May 12, 2015
133	Email-14-02-SAK-OUT-0133	Cathodic Protection System/Anodes Installation	SAK	BV	May 12, 2015
134	Email-14-02-SAK-OUT-0134	Stopped Excavation	SAK	basem.atrash@paltel.net	May 16, 2015



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Local Construction Program (LCP)
CONTRACT NO. AID-294-I-13-00002
TASK ORDER NO. AID-294-TO-14-00002



Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi
Booster Station - Phase I Pipeline Connection

INCOMING EMAILS LOG						
No.	DCN No.	Subject	From	Organization	To Organization	Received Date
1	Email-14-02-SAK-IN-0001	TO 14-0002 UDSI: Introductory Meeting		BV	SAK	November 11, 2014
2	Email-14-02-SAK-IN-0002	Re: TO-00002-14-UDSI: Key Personnel		USAID	SAK	November 19, 2014
3	Email-14-02-SAK-IN-0003	Re: TO 14-02 UDSI: Request for Vetting - LIGHT Company		USAID	SAK	November 24, 2014
4	Email-14-02-SAK-IN-0004	Re: TO 14-02 UDSI: Flayer		USAID	SAK	November 24, 2014
5	Email-14-02-SAK-IN-0005	Introductory Meeting MOM		BV	SAK	November 25, 2014
6	Email-14-02-SAK-IN-0006	Post Award Meeting Memo		BV	SAK	November 26, 2014
7	Email-14-02-SAK-IN-0007	Walkthrough # 003		BV	SAK	November 26, 2014
8	Email-14-02-SAK-IN-0008	TO 14-00002 UDSI: Progress Meeting No. 001_Agenda		BV	SAK	December 7, 2014
9	Email-14-02-SAK-IN-0009	Mobilization Progress Concern		BV	SAK	December 8, 2014
10	Email-14-02-SAK-IN-0010	Draft MOM No. 001		BV	SAK	December 11, 2014
11	Email-14-02-SAK-IN-0011	Key Personnel		USAID	SAK	December 15, 2014
12	Email-14-02-SAK-IN-0012	November Monthly Progress Report		USAID	SAK	December 15, 2014
13	Email-14-02-SAK-IN-0013	Final MOM No. 001		BV	SAK	December 16, 2014
14	Email-14-02-SAK-IN-0014	Key Personnel		USAID	SAK	December 16, 2014
15	Email-14-02-SAK-IN-0015	Flayer		USAID	SAK	December 22, 2014
16	Email-14-02-SAK-IN-0016	Progress Meeting No. 002_Agenda		BV	SAK	December 22, 2014
17	Email-14-02-SAK-IN-0017	Hebron DCL Meeting - Al Safi project		Hebron Dcl	SAK	December 1, 2014
18	Email-14-02-SAK-IN-0018	Traffic Plan Area C		USAID	BV	December 28, 2014



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-13-00002
TASK ORDER NO. AID-294-TO-14-00002



Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi
Booster Station - Phase I Pipeline Connection

INCOMING EMAILS LOG						
No.	DCN No.	Subject	From	Organization	To Organization	Received Date
37	Email-14-02-SAK-IN-0037	Draft MOM No. 005		BV	SAK	February 12, 2015
38	Email-14-02-SAK-IN-0038	Pre-cast manholes.		BV	SAK	February 16, 2015
39	Email-14-02-SAK-IN-0039	Final MOM No. 005		BV	SAK	February 16, 2015
40	Email-14-02-SAK-IN-0040	From Subject Received Size Categories Muwafaq AbuZeineh FW: CO key personnel approval 2/20/2015 390 KB		USAID	SAK	February 19, 2015
41	Email-14-02-SAK-IN-0041	Progress Meeting No. 006_Agenda		BV	SAK	February 22, 2015
42	Email-14-02-SAK-IN-0042	Traffic Plan Area C Tue 2/24 85 KB		USAID	SAK	February 24, 2015
43	Email-14-02-SAK-IN-0043	Draft MOM No. 006		BV	SAK	March 1, 2015
44	Email-14-02-SAK-IN-0044	Retract Site Memo No. 005		BV	SAK	March 3, 2015
45	Email-14-02-SAK-IN-0045	SCADA Meeting		BV	SAK	March 4, 2015
46	Email-14-02-SAK-IN-0046	Final MOM No. 006		BV	SAK	March 5, 2015
47	Email-14-02-SAK-IN-0047	Progress Meeting No. 007_Agenda		BV	SAK	March 8, 2015
48	Email-14-02-SAK-IN-0048	Draft MOM No. 007		BV	SAK	March 12, 2015
49	Email-14-02-SAK-IN-0049	Final MOM No. 007		BV	SAK	March 18, 2015
50	Email-14-02-SAK-IN-0050	Progress Meeting No. 008_Agenda		BV	SAK	March 22, 2015
51	Email-14-02-SAK-IN-0051	Re: TO 14-02 Accruals		USAID	SAK	March 23, 2015
52	Email-14-02-SAK-IN-0052	Draft MOM No. 008		BV	SAK	March 26, 2015
53	Email-14-02-SAK-IN-0053	SCADA Meeting		BV	SAK	March 31, 2015
54	Email-14-02-SAK-IN-0054	UDSI: Final MOM		BV	SAK	April 1, 2015



USAID WEST BANK - GAZA
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TASK ORDER NO. AID-294-TO-14-00002



Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi
Booster Station - Phase I Pipeline Connection

INCOMING EMAILS LOG						
No.	DCN No.	Subject	From	Organization	To Organization	Received Date
55	Email-14-02-SAK-IN-0055	SM #06 - Modified		BV	SAK	April 2, 2015
56	Email-14-02-SAK-IN-0056	Progress Meeting No. 009_Agenda		BV	SAK	April 5, 2015
57	Email-14-02-SAK-IN-0057	Partial payment against BOQ items related to Item 4: (Valves, Connections and Chambers)		USAID	SAK	April 7, 2015
58	Email-14-02-SAK-IN-0058	Draft MOM No. 009		BV	SAK	April 8, 2015
59	Email-14-02-SAK-IN-0059	Final MOM No. 009		BV	SAK	April 13, 2015
60	Email-14-02-SAK-IN-0060	CLOSING THE ROAD TO#14-02		USAID	SAK	April 15, 2015
61	Email-14-02-SAK-IN-0061	From Delivery of Steel Pipes		USAID	SAK	April 15, 2015
62	Email-14-02-SAK-IN-0062	Cathodic Protection System		BV	SAK	April 15, 2015
63	Email-14-02-SAK-IN-0063	Progress Meeting #010_Agenda		BV	SAK	April 16, 2015
64	Email-14-02-SAK-IN-0064	Delivery of Steel Pipes		USAID	SAK	April 16, 2015
65	Email-14-02-SAK-IN-0065	Partial payment against BOQ items related to Item 4: (Valves, Connections and Chambers)		BV	SAK	April 17, 2015
66	Email-14-02-SAK-IN-0066	Draft MOM No. 010		BV	SAK	April 22, 2015
67	Email-14-02-SAK-IN-0067	Final MOM No. 010		BV	SAK	April 26, 2015
68	Email-14-02-SAK-IN-0068	Comments on Contractor's Monthly Report -March 2015		USAID	SAK	April 28, 2015
69	Email-14-02-SAK-IN-0069	Progress Meeting #011_Agenda		BV	SAK	May 2, 2015
70	Email-14-02-SAK-IN-0070	Draft MOM No. 011		BV	SAK	May 5, 2015
71	Email-14-02-SAK-IN-0071	Comments on Contractor's Monthly Report -March 2015		USAID	SAK	May 6, 2015
72	Email-14-02-SAK-IN-0072	Damages of Fiber Optic Cable		BV	SAK	May 6, 2015



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-13-00002
TASK ORDER NO. AID-294-TO-14-00002



Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi
Booster Station - Phase I Pipeline Connection

INCOMING EMAILS LOG						
No.	DCN No.	Subject	From	Organization	To Organization	Received Date
73	Email-14-02-SAK-IN-0073	Final MOM No. 011		BV	SAK	May 7, 2015
74	Email-14-02-SAK-IN-0074	Yaqeen/Bani Naim Reservoir		BV	SAK	May 11, 2015
75	Email-14-02-SAK-IN-0075	Yaqeen/Bani Naim Reservoir		BV	SAK	May 11, 2015
76	Email-14-02-SAK-IN-0076	Yaqeen/Bani Naim Reservoir		PWA	SAK	May 11, 2015
77	Email-14-02-SAK-IN-0077	Cathodic Protection System/Anodes Installation		BV	SAK	May 12, 2015
78	Email-14-02-SAK-IN-0078	Progress Meeting No. 012_Agenda		BV	SAK	May 14, 2015
79	Email-14-02-SAK-IN-0079	Stopped Excavation		BV	SAK	May 18, 2015
80	Email-14-02-SAK-IN-0080	Draft MOM No. 012		BV	SAK	May 20, 2015
81	Email-14-02-SAK-IN-0081	Final MOM No. 012		BV	SAK	May 24, 2015
82	Email-14-02-SAK-IN-0082	Progress Meeting Agenda No. 013		BV	SAK	May 28, 2015



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-13-00002
TASK ORDER NO. AID-294-TO-14-00002



**Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi
 Booster Station - Phase I Pipeline Connection**

Updated Date :May 31, 2015

CONTRACTOR LETTERS LOG

No.	Letter No.	Project	Description	Submitted Date	Organization	Organization	Remarks
LETTERS FROM CONTRACTOR TO LOCAL AUTHORITY							
	LTR.02.SAK-LOCAL.001-A	UDSI	Drawings from Saer Municipality for the Project	October 23, 2014	SAK	Saer Municipality	
	LTR.02.SAK-LOCAL.002-A	UDSI	Drawings from Bani Naem for the Project	October 23, 2014	SAK	Bani Naem Municipality	
	LTR.02.SAK-LOCAL.003-A	UDSI	Drawings from Paltel for the Project	October 23, 2014	SAK	Paltel	
	LTR.02.SAK-LOCAL.004-A	UDSI	PLC Drawings in Alsafi Booster Station	November 29, 2014	SAK	Hebron Municipality	
	LTR.02.SAK-LOCAL.005-A	UDSI	Project Permanent signs	December 1, 2014	SAK	Bani Naem Municipality	
	LTR.02.SAK-LOCAL.006-A	UDSI	Project Permanent signs	December 2, 2014	SAK	Saer Municipality	
	LTR.02.SAK-LOCAL.007-A	UDSI	Request of material supplies from the PWA storages	December 3, 2014	SAK	PWA	
	LTR.02.SAK-LOCAL.008-A	UDSI	Request of 3phase	December 4, 2014	SAK	Electrical Hebron Company	
	LTR.02.SAK-LOCAL.009-A	UDSI	Request of material supplies from the PWA storages	December 16, 2014	SAK	PWA	
	LTR.02.SAK-LOCAL.010-A	UDSI	Request for Water Supply	December 25, 2014	SAK	WBWD	
	LTR.02.SAK-LOCAL.011-A	UDSI	Traffic Plan for Ras Altaweel Project	December 1, 2014	SAK	Hebron Police	
	LTR.02.SAK-LOCAL.012-A	UDSI	Water Supply of Pressure Leakage Test for Existing 500mm DIP pipeline	January 5, 2015	SAK	WBWD	
	LTR.02.SAK-LOCAL.013-A	UDSI	Water Disconnect for Al-Safi Booster Station connection	January 19, 2015	SAK	WBWD	
	LTR.02.SAK-LOCAL.014-A	UDSI	Water Disconnect for Al-Safi Booster Station connection	January 19, 2015	SAK	Hebron Municipality	
	LTR.02.SAK-LOCAL.015-A	UDSI	SCADA works with WBWD Central Control Room	January 26, 2015	SAK	WBWD	
	LTR.02.SAK-LOCAL.016-A	UDSI	SCADA works with WBWD Central Control Room	January 27, 2015	SAK	WBWD	
	LTR.02.SAK-LOCAL.017-A	UDSI	Damagies in Al-Safi Booster Station	February 25, 2015	SAK	Al-Ahliya Insurance	
	LTR.02.SAK-LOCAL.018-A	UDSI	Start Excavation in Bein Naim Pipeline	March 31, 2015	SAK	Hebron Police	
	LTR.02.SAK-LOCAL.019-A	UDSI	Start Excavation in Bein Naim Pipeline	March 31, 2015	SAK	Paltel	
	LTR.02.SAK-LOCAL.020-A	UDSI	Start Excavation in Bein Naim Pipeline	March 31, 2015	SAK	Bani Naem Municipality	
	LTR.02.SAK-LOCAL.021-A	UDSI	Start Excavation in Bein Naim Pipeline - Prochore (Working at Night)	April 15, 2015	SAK	Police	
	LTR.02.SAK-LOCAL.022-A	UDSI	Paltel Fiber Cable -Reply on Paltel Letter	April 8, 2015	SAK	Paltel	



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-13-00002
TASK ORDER NO. AID-294-TO-14-00002
Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi
Booster Station - Phase I Pipeline Connection



Updated Date :May 31, 2015

CONTRACTOR LETTERS LOG							
No.	Letter No.	Project	Description	Submitted Date	Organization	Organization	Remarks
LETTERS FROM CONTRACTOR TO ENGINEERS							
LETTERS FROM CONTRACTOR TO USAID							
	LTR.02.SAK-USAID.001-A	UDSI	Insurance & Bank Guarantee	October 31, 2014	SAK	USAID	
	LTR.02.SAK-USAID.002-A	UDSI	Bank Guarantee	November 4, 2014	SAK	USAID	
	LTR.02.SAK-USAID.003-A	UDSI	Notice To Proceed (NTP)-Signed	November 11, 2014	SAK	USAID	
	LTR.02.SAK-USAID.004-A	UDSI	Gear Assisted Manual Actuators for Gate Valves	May 28, 2015	SAK	USAID	



Annex H:

Geo-MIS Data



USAID WEST BANK/ GAZA - LOCAL CONSTRUCTION PROGRAM

CONTRACT NO. AID-294-I-13-00002

TASK ORDER NO. AID-294-TO-14-00002

TASK ORDER SHORT NAME. UDSI

Temporay Job Days Summary Report



Task Order Name: Project 1, Kas Al Jawee & Al Udeisa water infrastructure
 Phase 1A and Al Safi
 Booster Station - Phase
 CONTRACTOR: Saqqa And Khoudary Co. Ltd. (SAK)

PERIOD FROM: Nov. 04, 2014

PERIOD TO: May 31, 2015

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Segregation By Gender		Notes of Comments
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other			Female	Male	
November	2014	69	64	51	53	22	259	11	18	241	
December	2014	81	81	102	97	209	570	24	27	536	
January	2015	73	87	147	101	229	637	27	38	599	
February	2015	72	116	219	146	190	743	31	46	697	
March	2015	78	150	205	142	210	785	33	54	731	
April	2015	88	189	612	433	215	1536	65	41	1495	
May	2015	85	184	730	538	240	1778	75	26	1752	
June	2015										
July	2015										
August	2015										
September	2015										
Total of FY 2015		547	870	2067	1510	1314	6308	265	250	6051	
October	2015										
November	2015										
December	2015										
January	2016										
February	2016										
March	2016										
April	2016										
May	2016										
June	2016										
July	2016										
August	2016										
September	2016										
Total of FY 2016							0	0	0	0	

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
LOCAL CONSTRUCTION PROGRAM
CONTRACT NO. AID-294-I-13-00002
TASK ORDER NO. AID-294-TO-14-00002
TASK ORDER SHORT NAME. UDSI
TEMPORARY JOB DAYS REPORT



Task Order Name: Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi Booster Station - Phase

PERIOD FROM: Nov 04, 2014

PERIOD TO: Nov 30, 2014

CONTRACTOR: Saqqa And Khoudary Co. Ltd. (SAK)

DATE	Site Staff Job Days **																				
	Worker/Classification (Hours)														Man-days*					Gender	
	Management			Engineers				Skilled labor			Unskilled labor		Other		Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female
	Task Order Manager	Quality Control Mana	Safety & Envi. Manag	Project Engineer	Office Engineer (F)	CWI	Quality Control Enginr	Foreman	Skilled Labor	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Guard							
November 1, 2014															0	0	0	0	0	0	0
November 2, 2014															0	0	0	0	0	0	0
November 3, 2014															0	0	0	0	0	0	0
November 4, 2014	8	8	8	16		8									3	3	0	0	0	5	1
November 5, 2014	8	8	8	16		8									3	3	0	0	0	5	1
November 6, 2014	8	8	8	16		8									3	3	0	0	0	5	1
November 7, 2014															0	0	0	0	0	0	0
November 8, 2014	8	8	8	16		8					8				3	3	0	1	0	6	1
November 9, 2014	8	8	8	16		8		8			8				3	3	1	1	0	7	1
November 10, 2014	8	8	8	8	8	8		16			8				3	3	2	1	0	8	1
November 11, 2014	8	8	8	8	8	8		24			16				3	3	3	2	0	10	1
November 12, 2014	8	8	8	8		8		24			16				3	2	3	2	0	10	0
November 13, 2014	8	8	8	8		8		24			16				3	2	3	2	0	10	0
November 14, 2014															0	0	0	0	0	0	0
November 15, 2014	8	8	8	8		8		40			24				3	2	5	3	0	13	0
November 16, 2014	8	8	8	8		8		40			24				3	2	5	3	0	13	0
November 17, 2014	8	8	8	8		8		40			24				3	2	5	3	0	13	0
November 18, 2014	8	8	8	8	8	8		16			40	8	8		3	3	2	5	2	14	1
November 19, 2014	8	8	8	8	8	8		16			40	8	8		3	3	2	5	2	14	1
November 20, 2014	8	8	8	8	8	8		16			40	8	8		3	3	2	5	2	14	1
November 21, 2014															0	0	0	0	0	0	0
November 22, 2014	8	8	8	8	8	8		24			32	8	8		3	3	3	4	2	14	1
November 23, 2014	8	8	8	8	8	8		24			32	8	8		3	3	3	4	2	14	1
November 24, 2014	8	8	8	8	8	8		16			16	8	8		3	3	2	2	2	11	1
November 25, 2014	8	8	8	8	8	8		16			16	8	8		3	3	2	2	2	11	1
November 26, 2014	8	8	8	8	8	8		16			16	8	8		3	3	2	2	2	11	1
November 27, 2014	8	8	8	8	8	8		16			16	8	8		3	3	2	2	2	11	1
November 28, 2014															0	0	0	0	0	0	0
November 29, 2014	8	8	8	8	8	8		16			16	8	8		3	3	2	2	2	11	1
November 30, 2014	8	8	8	8	8	8		16			16	8	8		3	3	2	2	2	11	1
															0	0	0	0	0	0	0
Total of Month	184	184	184	224	104	184	0	0	408	0	0	424	88	88	69	64	51	53	22	241	18

* Total Man-days = Total Hours / 8

** This data collection sheet is for Local (CCN) staff only , expatriate and third country national employee shall not be included.



USAID WEST BANK/ GAZA
LOCAL CONSTRUCTION PROGRAM
CONTRACT NO. AID-294-I-13-00002
TASK ORDER NO. AID-294-TO-14-00002
TASK ORDER SHORT NAME. UDSI
Temporay Job Days Report



Task Order Name: Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi Booster Station - Phase

PERIOD FROM: Dec 01, 2014

CONTRACTOR: Saqqa And Khoudary Co. Ltd. (SAK)

PERIOD TO: Dec 31, 2014

DATE	Site Staff Job Days **																						
	Worker/Classification (Hours)															Man-days*					Gender		
	Management			Engineers			Skilled labor				Unskilled labor		Other			Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female	
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer (F)	CWI	Foreman	Skilled Labor	Welder	Driver	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Office Guard								Storage Guard
December 1, 2014	8	8	8	8	8	8		16				24	8	8	0	3	3	2	3	2	12	1	
December 2, 2014	8	8	8	8	8	8		16				24	8	8	0	3	3	2	3	2	12	1	
December 3, 2014	8	8	8	8	8	8		16		4		32	8	8	0	3	3	3	4	2	14	1	
December 4, 2014	8	8	8	8	8	8		16		4		32	8	48	0	3	3	3	4	7	19	1	
December 5, 2014	0	0	0	0	0	0		0		0		0	0	48	0	0	0	0	0	6	6	0	
December 6, 2014	8	8	8	8	8	8		16		4		32	8	48	0	3	3	3	4	7	19	1	
December 7, 2014	8	8	8	8	8	8		16		4		32	8	48	0	3	3	3	4	7	19	1	
December 8, 2014	8	8	8	8	8	8		16		4		32	8	48	0	3	3	3	4	7	19	1	
December 9, 2014	8	8	8	8	8	8		16		2		32	8	48	0	3	3	2	4	7	18	1	
December 10, 2014	8	8	8	8	8	8		16	8		0	24	8	48	0	3	3	3	3	7	18	1	
December 11, 2014	8	8	8	8	8	8		16	8		12	24	8	48	0	3	3	5	3	7	20	1	
December 12, 2014														48	0	0	0	0	0	6	6	0	
December 13, 2014	8	8	8	8	8	8		16	8			24	8	48	0	3	3	3	3	7	18	1	
December 14, 2014	8	8	8	8	8	8		16	8			24	8	48	0	3	3	3	3	7	18	1	
December 15, 2014	8	8	8	8	8	8		16	8			24	8	48	0	3	3	3	3	7	18	1	
December 16, 2014	8	8	8	8	8	8		16	8			24	8	48	0	3	3	3	3	7	18	1	
December 17, 2014	8	8	8	8	8	8		16	8			24	8	48	0	3	3	3	3	7	18	1	
December 18, 2014	8	8	8	8	8	8		16	8			24	8	72	0	3	3	3	3	10	21	1	
December 19, 2014														72	0	0	0	0	0	9	9	0	
December 20, 2014	8	8	8	8	8	8		16	8		8	24	8	72	0	3	3	4	3	10	22	1	
December 21, 2014	8	8	8	8	8	8		16	8		2	24	8	72	0	3	3	3	3	10	21	1	
December 22, 2014	8	8	8	8	8	8		24	8		10	32	8	72	0	3	3	5	4	10	24	1	
December 23, 2014	8	8	8	8	8	8		24	8		10	32	16	24	15	3	3	5	4	7	21	1	
December 24, 2014	8	8	8	8	8	8		24	8	8	2	32	16	24	15	3	3	5	4	7	20	1	
December 25, 2014	8	8	8	8	8	8		32	8	8	8	40	8	15	15	3	3	7	5	5	21	1	
December 26, 2014														24	15	0	0	0	0	5	5	0	
December 27, 2014	8	8	8	8	8	8		24	8	8	3	32	16	24	15	3	3	5	4	7	20	1	
December 28, 2014	8	8	8	8	8	8		24	8	8	8	32	16	24	15	3	3	6	4	7	21	1	
December 29, 2014	8	8	8	8	8	8		24	8	8	8	32	16	24	15	3	3	6	4	7	21	1	
December 30, 2014	8	8	8	8	8	8		24	8	8	4	32	16	24	15	3	3	6	4	7	20	1	
December 31, 2014	8	8	8	8	8	8		24	8	8	2	32	16	24	15	3	3	5	4	7	20	1	
Total of Month	216	216	216	216	216	216	0	512	152		99	0	776	272	1263	135	81	81	102	97	209	536	27

* Total Man-days = Total Hours / 8

** This data collection sheet is for Local (CCN) staff only , expatriate and third country national employee shall not be included.



USAID WEST BANK/ GAZA
LOCAL CONSTRUCTION PROGRAM
CONTRACT NO. AID-294-I-13-00002
TASK ORDER NO. AID-294-TO-14-00002
TASK ORDER SHORT NAME. UDSI
Temporay Job Days Report



Task Order Name: Project 1, Ras Al Taweel & Al 'Uddeisa Water
 Infrastructure Phase 1A and Al Safi
 CONTRACTOR: Saqqa And Khoudary Co. Ltd. (SAK)

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

DATE	Site Staff Job Days **																							
	Worker/Classification (Hours)																Man-days*					Gender		
	Management			Engineers			Skilled labor				Unskilled labor		Other				Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female	
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer (F)	CWI	Foreman	Skilled Labor	Welder	Driver	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Office Guard	Storage Guard								Accountant
January 1, 2015	8	8	8	8	8	8		24	8	8	2		32	16	24	15		3	3	5	4	7	21	1
January 2, 2015														24	15			0	0	0	0	5	5	0
January 3, 2015	8	8	8	8	8	8		24	8	8	3		32	16	24	15		3	3	5	4	7	21	1
January 4, 2015	8	8	8	8	8	8		24	16	8	3		32	16	24	15	8	3	3	6	4	8	23	1
January 5, 2015	8	8	8	8	8	8		24	16	8	2		32	16	24	15	8	3	3	6	4	8	23	1
January 6, 2015	8	8	8	8	8	8		24	16	8	2		32	16	24	15	8	3	3	6	4	8	23	1
January 7, 2015	8	8	8	8	8	8		0	0	8	0		0	16	24	15	8	3	3	1	0	8	14	1
January 8, 2015															24	24		0	0	0	0	6	6	0
January 9, 2015															24	24		0	0	0	0	6	6	0
January 10, 2015	8														24	24	8	1	0	0	0	7	8	0
January 11, 2015	8	8	8	8	8	8		24	16	8	0		32	16	24	15	8	3	3	6	4	8	23	1
January 12, 2015	8	8	8	8	8	8		24	16	8	0		32	16	24	15	8	3	3	6	4	8	23	1
January 13, 2015	8	8	8	8	8	8		24	16	8	0		32	16	24	15	8	3	3	6	4	8	23	1
January 14, 2015	8	8	8	8	8	8		24	16	8	4		32	16	24	15	8	3	3	7	4	8	23	1
January 15, 2015	8	8	8	8	16	8		24	16	0	10		32	16	24	15	8	3	4	6	4	8	23	2
January 16, 2015															24	24		0	0	0	0	6	6	0
January 17, 2015	8	8	8	8	16	8		16	16	0	10		40	16	24	15	8	3	4	5	5	8	23	2
January 18, 2015	8	8	8	8	16	8		16	16	0	10		40	16	24	15	8	3	4	5	5	8	23	2
January 19, 2015	8	8	8	8	16	8		16	16	0	10		40	16	24	15	8	3	4	5	5	8	23	2
January 20, 2015	8	8	8	8	16	8		16	16	16	10		40	16	24	15	8	3	4	7	5	8	25	2
January 21, 2015	8	8	8	8	16	8		16	16	16	17		40	16	24	15	8	3	4	8	5	8	26	2
January 22, 2015	8	8	8	8	16	8		16	16	16	10		40	16	24	15	8	3	4	7	5	8	25	2
January 23, 2015															24	24		0	0	0	0	6	6	0
January 24, 2015	8	8	8	8	16	8		16	16	16	8		40	16	24	15	8	3	4	7	5	8	25	2
January 25, 2015	8	8	8	8	16	8		16	16	16	8		40	16	24	15	8	3	4	7	5	8	25	2
January 26, 2015	8	8	8	8	16	8		16	16	16	0		32	16	24	15	8	3	4	6	4	8	23	2
January 27, 2015	8	8	8	8	16	8		16	16	16	0		32	16	24	15	8	3	4	6	4	8	23	2
January 28, 2015	8	8	8	8	16	8		16	16	16	3		32	16	24	15	8	3	4	6	4	8	23	2
January 29, 2015	8	8	8	8	16	8		16	16	16	3		32	16	24	15	8	3	4	6	4	8	23	2
January 30, 2015															24	24		0	0	0	0	6	6	0
January 31, 2015	8	8	8	16	16	8		16	16	8	31		40	16	24	15	8	3	5	9	5	8	28	2
Total of Month	200	192	192	200	304	192	0	448	352	232	146	0	808	384	744	519	184	73	87	147	101	229	599	38

* Total Man-days = Total Hours / 8

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USAID WEST BANK/ GAZA
LOCAL CONSTRUCTION PROGRAM
CONTRACT NO. AID-294-I-13-00002
TASK ORDER NO. AID-294-TO-14-00002
TASK ORDER SHORT NAME. UDSI
Temporaray Job Days Report



Task Order Name: Project 1, Ras Al Taweel & Al 'Uddeisa Water
 Infrastructure Phase 1A and AI Safi
 CONTRACTOR: Saqqa And Khoudary Co. Ltd. (SAK)

PERIOD FROM: Feb 01, 2015
 PERIOD TO: Feb 28, 2015

DATE	Site Staff Job Days **																							
	Worker/Classification (Hours)																Man-days*					Gender		
	Management			Engineers			Skilled labor				Unskilled labor		Other				Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female	
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer (F)	CWI	Foreman	Skilled Labor	Welder	Driver	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Office Guard	Storage Yard Guard								Accountant
February 1, 2015	8	8	8	16	16	8	0	16	16	16	23	0	40	16	24	15	8	3	5	9	5	8	28	2
February 2, 2015	8	8	8	16	16	8	0	16	16	16	19	0	48	16	24	15	8	3	5	8	6	8	28	2
February 3, 2015	8	8	8	16	16	8	0	16	16	16	1	0	48	16	24	15	0	3	5	6	6	7	25	2
February 4, 2015	8	8	8	16	16	8	0	24	16	16	3	0	48	16	24	15	0	3	5	7	6	7	26	2
February 5, 2015	8	8	8	16	16	8	0	24	16	8	11	0	48	16	24	15	0	3	5	7	6	7	26	2
February 6, 2015	0	10	0	0	0	0	0	32	0	0	0	0	0	0	24	24	0	1	0	4	0	6	11	0
February 7, 2015	12	8	12	16	16	12	0	72	24	12	72	0	96	24	24	15	0	4	6	23	12	8	50	2
February 8, 2015	8	8	8	16	16	8	0	24	16	8	24	0	48	16	24	15	0	3	5	9	6	7	28	2
February 9, 2015	8	8	8	16	16	8	0	24	16	8	27	0	48	16	24	15	0	3	5	9	6	7	28	2
February 10, 2015	8	8	8	16	16	8	0	24	16	8	30	0	48	16	24	15	0	3	5	10	6	7	29	2
February 11, 2015	8	8	8	16	16	8	0	24	16	8	14	0	48	16	24	15	0	3	5	8	6	7	27	2
February 12, 2015	8	8	8	16	16	8	0	24	16	8	10	0	40	16	24	15	0	3	5	7	5	7	25	2
February 13, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24	0	0	0	0	0	6	6	0
February 14, 2015	0	8	8	16	16	8	0	24	16	16	0	0	48	16	24	15	0	2	5	7	6	7	25	2
February 15, 2015	8	8	8	16	16	8	0	24	32	8	14	0	64	16	24	15	0	3	5	10	8	7	31	2
February 16, 2015	8	8	8	16	16	8	0	24	32	8	19	0	64	16	24	15	0	3	5	10	8	7	31	2
February 17, 2015	8	8	8	16	16	8	0	24	32	8	17	0	64	16	24	15	0	3	5	10	8	7	31	2
February 18, 2015	8	8	8	16	16	8	0	24	16	8	9	0	32	16	24	15	0	3	5	7	4	7	24	2
February 19, 2015	8	8	8	16	16	8	0	16	24	8	3	0	16	16	24	15	0	3	5	6	2	7	21	2
February 20, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24	0	0	0	0	0	6	6	0
February 21, 2015	8	8	0	0	0	0	0	8	8	8	0	0	8	0	24	15	0	2	0	3	1	5	11	0
February 22, 2015	8	8	8	16	16	8	0	24	32	8	0	0	40	16	24	15	0	3	5	8	5	7	26	2
February 23, 2015	8	8	8	16	16	8	0	24	32	8	16	0	48	16	24	15	0	3	5	10	6	7	29	2
February 24, 2015	8	8	8	16	16	8	0	24	32	8	20	0	48	16	24	15	0	3	5	11	6	7	29	2
February 25, 2015	8	8	8	16	16	8	0	24	32	8	12	0	48	16	24	15	0	3	5	10	6	7	28	2
February 26, 2015	8	8	8	16	16	8	0	24	32	8	10	0	64	16	24	15	0	3	5	9	8	7	30	2
February 27, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24	0	0	0	0	0	6	6	0
February 28, 2015	8	8	8	16	16	8	0	24	32	8	21	0	64	16	24	15	0	3	5	11	8	7	32	2
Total of Month	188	202	188	368	368	188	0	608	536	236	375	0	1168	376	672	456	16	72	116	219	146	190	697	46

* Total Man-days = Total Hours / 8

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USAID WEST BANK/ GAZA
LOCAL CONSTRUCTION PROGRAM
CONTRACT NO. AID-294-I-13-00002
TASK ORDER NO. AID-294-TO-14-00002
TASK ORDER SHORT NAME. UDSI
Temporay Job Days Report



Task Order Name: Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure
 Phase 1A and AI Safi
 CONTRACTOR: Saqqa And Khoudary Co. Ltd. (SAK)

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

DATE	Site Staff Job Days **																							
	Worker/Classification (Hours)																Man-days*					Gender		
	Management			Engineers				Skilled labor				Unskilled labor		Other			Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female	
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer (F)	Jr-Site Engineer	CWI	Foreman	Skilled Labor	Welder	Driver	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Office Guard								Storage Yard Guard
March 1, 2015	8	8	8	16	16		8		24	32	8	1		64	16	24	15	3	5	8	8	7	29	2
March 2, 2015	8	8	8	16	16		8		16	32	8			48	16	24	15	3	5	7	6	7	26	2
March 3, 2015	8	8	8	16	16		8		16	32	8			48	16	24	15	3	5	7	6	7	26	2
March 4, 2015	8	8	8	16	16		8		24	24	8	5		48	16	24	15	3	5	8	6	7	27	2
March 5, 2015	8	8	8	16	16		8		24	16	8	1		48	16	24	15	3	5	6	6	7	25	2
March 6, 2015																24	24	0	0	0	0	6	6	0
March 7, 2015	0	8	8	16	16		8		24	16	8	17		48	16	24	15	2	5	8	6	7	26	2
March 8, 2015	0	8	0	16	16		8		24	24	8	21		48	16	24	15	1	5	10	6	7	27	2
March 9, 2015	8	8	8	16	16		8		24	24	8	4		48	16	24	15	3	5	8	6	7	26	2
March 10, 2015	8	8	8	16	16		8		24	24	8	16		48	16	24	15	3	5	9	6	7	28	2
March 11, 2015	8	8	8	16	16		8		24	24	8	11		48	16	24	15	3	5	8	6	7	27	2
March 12, 2015	8	8	8	16	16		8		24	24	8	0		24	16	24	15	3	5	7	3	7	23	2
March 13, 2015																24	24	0	0	0	0	6	6	0
March 14, 2015	8	8	8	16	16	8	8		16	16	8			16	16	24	15	3	6	5	2	7	21	2
March 15, 2015	8	8	8	16	16	8	8		24	24	8	8		32	16	24	15	3	6	8	4	7	26	2
March 16, 2015	8	8	8	16	16	8	8		24	24	8	1		32	16	24	15	3	6	7	4	7	25	2
March 17, 2015	8	8	8	16	16	0	8		24	24	8	12		32	16	24	15	3	5	9	4	7	25	2
March 18, 2015	8	8	8	16	16	8	8		16	24	8	0		32	16	24	15	3	6	6	4	7	24	2
March 19, 2015	8	8	8	16	16	8	8		16	24	8	8		32	16	24	15	3	6	7	4	7	25	2
March 20, 2015																24	24	0	0	0	0	6	6	0
March 21, 2015	8	8	8	16	16	8	8		16	24	8	12		32	16	24	15	3	6	8	4	7	25	2
March 22, 2015	8	8	8	16	16	8	8		16	24	8	16		32	16	24	15	3	6	8	4	7	26	2
March 23, 2015	8	8	8	16	16	8	8		16	24	8	16		32	16	24	15	3	6	8	4	7	26	2
March 24, 2015	8	8	8	16	16	8	8		24	24	8	13		48	16	24	15	3	6	9	6	7	29	2
March 25, 2015	8	8	8	16	16	8	8		24	24	8	0		48	16	24	15	3	6	7	6	7	27	2
March 26, 2015	8	8	8	16	16	8	8		24	16	8	2		56	16	24	15	3	6	6	7	7	27	2
March 27, 2015																24	24	0	0	0	0	6	6	0
March 28, 2015	8	8	8	16	16	8	8		16	16	8	7		48	16	24	15	3	6	6	6	7	26	2
March 29, 2015	8	8	8	16	16	8	8		16	16	8	18		48	16	24	15	3	6	7	6	7	27	2
March 30, 2015	8	8	8	16	16	8	8		24	32	8	12		48	16	24	15	3	6	10	6	7	29	2
March 31, 2015	8	8	8	16	16	8	8		24	32	8	16		48	16	24	15	3	6	10	6	7	30	2
Total of Month	200	216	208	432	432		216	0	568	640	216	217	0	1136	432	744	501	78	150	205	142	210	731	54

* Total Man-days = Total Hours / 8

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USAID WEST BANK/ GAZA
LOCAL CONSTRUCTION PROGRAM
CONTRACT NO. AID-294-I-13-00002
TASK ORDER NO. AID-294-TO-14-00002
TASK ORDER SHORT NAME. UDSI
Temporay Job Days Report



Task Order Name: Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure
 Phase 1A and AI Safi
 CONTRACTOR: Saqqa And Khoudary Co. Ltd. (SAK)

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

DATE	Site Staff Job Days **																								
	Worker/Classification (Hours)																	Man-days*					Gender		
	Management			Engineers				Skilled labor				Unskilled labor		Other				Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female	
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer (F)	Site Engineer	CWI	Foreman	Skilled Labor	Welder	Driver	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Office Guard	Storage Yard Guard								Equipment Night Guard
April 1, 2015	8	8	8	16	16	8	8		8	32	8	12		16	16	24	15		3	6	8	2	7	23	2
April 2, 2015	8	0	8	16	16	8	8		24	32	8	12		64	16	24	15		2	6	10	8	7	30	2
April 3, 2015																24	24		0	0	0	0	6	6	0
April 4, 2015	8	0	8	16	16	8	8		24	32	8	20		64	16	24	15		2	6	11	8	7	31	2
April 5, 2015	10	10	10	20	16	8	10		40	80	0	96		110	16	24	15		4	7	27	14	7	56	2
April 6, 2015	10	10	10	20	16	18	10		40	80	8	105		110	16	24	15		4	8	29	14	7	60	2
April 7, 2015	10	10	10	20	16	18	10		60	110	8	112		140	16	24	15		4	8	36	18	7	70	2
April 8, 2015	10	10	10	20	16	18	10		60	100	8	110		190	16	24	15		4	8	35	24	7	75	2
April 9, 2015	9	9	9	18	16	17	9		54	90	8	101		171	16	24	15		3	8	32	21	7	69	2
April 10, 2015																24	24		0	0	0	0	6	6	0
April 11, 2015	0	8	8	16	8	8	0		8	32	8	20		40	16	24	15		2	4	9	5	7	25	1
April 12, 2015	8	8	8	16	8	8	0		8	32	8	4		40	16	24	15		3	4	7	5	7	24	1
April 13, 2015	8	8	8	16	16	8	0		8	32	8	4		32	16	24	15		3	5	7	4	7	23	2
April 14, 2015	10	10	10	20	16	10	10		60	100	8	98		170	16	24	15		4	7	33	21	7	70	2
April 15, 2015	10	10	10	20	16	20	10		60	100	10	101		170	16	24	15		4	8	34	21	7	72	2
April 16, 2015	8	8	8	16	8	16	8		8	24	8	0		24	16	24	15		3	6	5	3	7	23	1
April 17, 2015																24	24		0	0	0	0	6	6	0
April 18, 2015	10	10	10	20	16	30	9		60	80	10	96		162	16	24	15		4	9	31	20	7	69	2
April 19, 2015	10	10	10	20	16	36	8		40	72	10	96		202	16	24	15	12	4	10	27	25	8	73	2
April 20, 2015	10	10	10	20	16	27	8		40	72	10	96		202	16	24	15	12	4	9	27	25	8	72	2
April 21, 2015	10	10	10	20	8	25	8		40	72	10	107		172	16	24	15	12	4	8	29	22	8	69	1
April 22, 2015	10	10	10	20	8	36	8		50	54	10	88		160	16	24	15	12	4	9	25	20	8	65	1
April 23, 2015	8	8	8	16	8	8	8		8	24	8	0		24	16	24	15	12	3	5	5	3	8	23	1
April 24, 2015																24	24		0	0	0	0	6	6	0
April 25, 2015	10	10	10	20	8	36	9		60	54	10	118		200	16	24	15	12	4	9	30	25	8	76	1
April 26, 2015	10	10	10	20	8	25	8		60	54	10	122		200	16	24	15	12	4	8	31	25	8	75	1
April 27, 2015	10	10	10	20	16	24	9		60	54	10	124		200	16	15	15	12	4	9	31	25	7	74	2
April 28, 2015	10	10	10	20	8	24	9		60	54	10	128		200	16	15	15	12	4	8	32	25	7	74	1
April 29, 2015	10	10	10	20	8	24	9		60	54	10	132		200	16	15	15	12	4	8	32	25	7	75	1
April 30, 2015	10	10	10	20	8	24	9		60	54	10	132		200	16	15	15	12	4	8	32	25	7	75	1
																			0	0	0	0	0	0	0
Total of Month	235	227	243	486	328	492	203	0	1060	1574	224	2034	0	3463	416	684	486	132	88	189	612	433	215	1495	41

* Total Man-days = Total Hours / 8

** This data collection sheet is for Local (CCN) staff only , expatriate and third country national employee shall not be included.



USAID WEST BANK/ GAZA
LOCAL CONSTRUCTION PROGRAM
CONTRACT NO. AID-294-I-13-00002
TASK ORDER NO. AID-294-TO-14-00002
TASK ORDER SHORT NAME. UDSI
Temporray Job Days Report



Task Order Name: Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure
 Phase 1A and Al Safi
 CONTRACTOR: Saqqa And Khoudary Co. Ltd. (SAK)

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

DATE	Site Staff Job Days **																			Man-days*					Gender	
	Worker/Classification (Hours)																Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female			
	Management			Engineers				Skilled labor				Unskilled labor		Other												
	Task Order Manager	Quality Control Manager	Safety & Env't. Manager	Project Engineer	Office Engineer (I)	Site Engineer	CWI	Foreman	Skilled Labor	Welder	Driver	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Office Guard								Storage Yard Guard	Equipment Night Guard	
May 1, 2015															24	24			0	0	0	0	6	6	0	
May 2, 2015	10	10	10	20	8	24	9		60	54	10	116		200	16	15	15	12	4	8	30	25	7	73	1	
May 3, 2015	10	10	10	20	8	24	9		60	54	10	116		200	16	15	15	12	4	8	30	25	7	73	1	
May 4, 2015	10	10	10	20	8	24	9		60	54	10	116		200	16	15	15	12	4	8	30	25	7	73	1	
May 5, 2015	10	10	10	20	8	24	9		60	54	10	116		200	16	15	15	12	4	8	30	25	7	73	1	
May 6, 2015	10	10	10	20	8	24	9		60	54	10	118		200	16	15	15	12	4	8	30	25	7	73	1	
May 7, 2015	10	10	8	20	8	24	9		60	54	10	118		200	16	15	15	12	4	8	30	25	7	73	1	
May 8, 2015															24	24			0	0	0	0	6	6	0	
May 9, 2015	0	10	10	20	8	24	9		60	54	10	108		170	16	15	15	12	3	8	29	21	7	67	1	
May 10, 2015	5	9	10	18	8	24	9		54	54	9	103		166	16	15	15	12	3	7	28	21	7	65	1	
May 11, 2015	9	9	9	16	8	24	8		36	54	9	111		158	16	15	15	12	3	7	26	20	7	63	1	
May 12, 2015	9	9	9	18	8	24	8		54	54	9	119		191	16	15	15	12	3	7	30	24	7	70	1	
May 13, 2015	10	10	10	20	8	30	9		60	54	10	131		206	16	24	15	12	4	8	32	26	8	77	1	
May 14, 2015	10	10	10	20	8	30	9		60	54	10	103		182	18	24	15	12	4	8	28	23	9	71	1	
May 15, 2015															24	24			0	0	0	0	6	6	0	
May 16, 2015	10	10	10	20	8	29	9		60	54	10	112		182	18	24	15	12	4	8	30	23	9	72	1	
May 17, 2015	10	10	10	18	8	29	9		60	54	10	112		190	18	24	15	12	4	8	30	24	9	73	1	
May 18, 2015	10	10	8	20	8	20	9		60	54	10	112		190	18	24	15	12	4	7	30	24	9	72	1	
May 19, 2015	10	10	0	20	8	20	9		60	54	10	112		190	18	24	15	12	3	7	30	24	9	71	1	
May 20, 2015	10	10	0	20	8	20	9		60	54	10	113		190	18	24	15	12	3	7	30	24	9	71	1	
May 21, 2015	10	10	0	20	8	18	9		60	54	10	122		190	18	24	15	12	3	7	31	24	9	72	1	
May 22, 2015															24	24			0	0	0	0	6	6	0	
May 23, 2015	10	10	0	20	8	20	9		60	54	10	113		190	18	24	15	12	3	7	30	24	9	71	1	
May 24, 2015	10	10	10	10	8	20	8		60	54	20	113		162	18	24	15	12	4	6	31	20	9	68	1	
May 25, 2015	9	9	9	18	8	18	8		54	54	18	113		113	18	24	15	12	3	7	30	14	9	62	1	
May 26, 2015	9	9	9	18	8	18	8		54	54	18	113		113	18	24	15	12	3	7	30	14	9	62	1	
May 27, 2015	9	9	9	18	8	18	0		36	27	18	69		72	18	24	15	12	3	6	19	9	9	44	1	
May 28, 2015	8	9	8	18	8	18	8		32	24	18	54		64	18	24	15	12	3	7	16	8	9	41	1	
May 29, 2015															24	24			0	0	0	0	6	6	0	
May 30, 2015	0	10	9	20	8	0	8		36	45	20	96		72	18	24	15	12	2	5	25	9	9	48	1	
May 31, 2015	6	9	9	18	8	18	0		36	24	18	74		114	18	24	15	12	3	6	19	14	9	49	1	
Total of Month	224	252	207	490	208	566	209	0	1412	1308	317	2803	0	4305	446	654	510	312	85	184	730	538	240	1752	26	

* Total Man-days = Total Hours / 8

** This data collection sheet is for Local (CCN) staff only, expatriate and third country national employee shall not be included.



Annex I:

Risk Register

None encountered to date



Annex J:

Monthly Updated Schedule

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Schedule % Complete	Actual Total Cost	Cost % of Budget	2014		2015											
									Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct		
UDS-PC-SUB-14-R&A	Review & Approval of General Construction Method Statement	21d	03-Dec-14 A	29-Dec-14 A		100%	\$0.00	0%														
UDS-PC-SUB-15	Preparation & Submit Original CPM Construction Schedule	25d	09-Nov-14 A	08-Feb-15 A		100%	\$0.00	0%														
UDS-PC-SUB-15-R&A	Review & Approval of Original CPM Construction Schedule	21d	08-Feb-15 A	11-Feb-15 A		100%	\$0.00	0%														
UDS-PC-SUB-16	Preparation & Submit Construction Risk Management Program	5d	04-Nov-14 A	16-Dec-14 A		100%	\$0.00	0%														
UDS-PC-SUB-16-R&A	Review & Approval of Construction Risk Management Program	21d	16-Dec-14 A	22-Dec-14 A		100%	\$0.00	0%														
UDS-PC-SUB-17	Preparation & Submit Dilapidation Survey	3d	06-Nov-14 A	30-Nov-14 A		100%	\$0.00	0%														
UDS-PC-SUB-17-R&A	Review & Approval of Dilapidation Survey	21d	30-Nov-14 A	03-Dec-14 A		100%	\$0.00	0%														
UDS-PC-SUB-19	Preparation & Submit Insurances	2d	04-Nov-14 A	06-Nov-14 A		100%	\$0.00	0%														
UDS-PC-SUB-19-R&A	Review & Approval of Insurances	21d	06-Nov-14 A	30-Nov-14 A		100%	\$0.00	0%														
UDS-PC-SUB-20	Preparation & Submit Lists of Permits and Licenses	2d	04-Nov-14 A	11-Nov-14 A		100%	\$0.00	0%														
UDS-PC-SUB-20-R&A	Review & Approval of Lists of Permits and Licenses	21d	11-Nov-14 A	18-Nov-14 A		100%	\$0.00	0%														
UDS-PC-SUB-21	Preparation & Submit Dumping Site	4d	06-Nov-14 A	10-Dec-14 A		100%	\$0.00	0%														
UDS-PC-SUB-21-R&A	Review & Approval of Dumping Site	21d	10-Dec-14 A	15-Dec-14 A		100%	\$0.00	0%														
UDS-PC-SUB-22	Preparation & Submit Storage Yard	5d	11-Nov-14 A	17-Nov-14 A		100%	\$0.00	0%														
UDS-PC-SUB-22-R&A	Review & Approval of Storage Yard	21d	17-Nov-14 A	18-Nov-14 A		100%	\$0.00	0%														
UDS-PC-SUB-23	Preparation & Submit Trench Safety Plan	9d	18-Nov-14 A	07-Dec-14 A		100%	\$0.00	0%														
UDS-PC-SUB-23-R&A	Review & Approval of Trench Safety Plan	21d	07-Dec-14 A	08-Dec-14 A		100%	\$0.00	0%														
Traffic Control Plan, Coordination and Permits		146d	04-Nov-14 A	26-Mar-15 A		0%	\$0.00	0%														
UDS-COR-01	Receive Final for Construction Drawings	1d	05-Nov-14 A	05-Nov-14 A		100%	\$0.00	0%														
UDS-COR-02	Coordination with the DCL to obtain all the necessary approvals inclusive of traffic plans - Area C	45d	23-Dec-14 A	05-Mar-15 A		100%	\$0.00	0%														
UDS-COR-03	Coordination with Local authorities and obtain required permits for start of construction	20d	04-Nov-14 A	08-Dec-14 A		100%	\$0.00	0%														
UDS-COR-12	Coordination with the COGAT to obtain all the necessary approvals	45d	17-Dec-14 A	23-Feb-15 A		100%	\$0.00	0%														
UDS-PC-SUB-12	Preparation & Submit Traffic Control Plan from Station 1+000 to Sta. 2+100 (Area A)	5d	04-Nov-14 A	08-Dec-14 A		100%	\$0.00	0%														
UDS-PC-SUB-12-R&A	Review & Approval of Traffic Control Plan from Station 1+000 to Sta. 2+100 (Area A)	21d	08-Dec-14 A	18-Dec-14 A		100%	\$0.00	0%														
UDS-PC-SUB-30	Preparation & Submit Traffic Control Plan from Sta. 2+100 to Sta. 3+880 (Area A +Area B)	5d	28-Feb-15 A	05-Mar-15 A		100%	\$0.00	0%														
UDS-PC-SUB-30-R&A	Review & Approval of Traffic Control Plan for Area A from Sta. 2+100 to Sta. 3+880 (Area A +Area B)	21d	05-Mar-15 A	12-Mar-15 A		100%	\$0.00	0%														
UDS-PC-SUB-40	Preparation & Submit Traffic Control Plan for Area A from Sta. 3+880 to Sta. 5+597 (Area C)	5d	17-Dec-14 A	29-Dec-14 A		100%	\$0.00	0%														
UDS-PC-SUB-40-R&A	Review & Approval of Traffic Control Plan for Area A from Sta. Sta. 3+880 to Sta. 5+597 (Area C)	4d	24-Mar-15 A	26-Mar-15 A		100%	\$0.00	0%														
UDS-PC-SUB-50	Preparation & Submit Traffic Control Plan for Yatta Junction and Bani Naim reservoir	5d	01-Feb-15 A	16-Feb-15 A		100%	\$0.00	0%														
UDS-PC-SUB-50-R&A	Review & Approval of Traffic Control Plan for Yatta Junction and Bani Naim reservoir	21d	01-Feb-15 A	25-Feb-15 A		100%	\$0.00	0%														
Construction Phase		266d	10-Nov-14 A	24-Oct-15	1d	46.21%	\$1,884,349.52	46.63%														
Construction Submittals		187d	10-Nov-14 A	15-Jul-15	75d	0%	\$0.00	0%														
Shopdrawing submittals		148d	04-Dec-14 A	09-Jun-15	98d	0%	\$0.00	0%														
Chambers Shopdrawing		95d	18-Dec-14 A	10-Mar-15 A		0%	\$0.00	0%														
Gate Valve Chambers		33d	11-Jan-15 A	25-Feb-15 A		0%	\$0.00	0%														
UDS-CS-060	Prep. & Sub. Shop drawing for 150mm Gate Valve Chamber	6d	11-Jan-15 A	19-Jan-15 A		100%	\$0.00	0%														
UDS-CS-060	Review & Approval of Shop drawing for 150mm Gate Valve Chamber	21d	19-Jan-15 A	25-Feb-15 A		100%	\$0.00	0%														
UDS-CS-090	Prep. & Sub. Shop drawing for 80mm Gate Valve chamber	6d	11-Jan-15 A	19-Jan-15 A		100%	\$0.00	0%														
UDS-CS-090	Review & Approval of Shop drawing for 80mm Gate Valve chamber	21d	19-Jan-15 A	25-Feb-15 A		100%	\$0.00	0%														
AVAR Chambers		31d	25-Jan-15 A	12-Feb-15 A		0%	\$0.00	0%														
UDS-CS-110	Prep. & Sub. Shop drawing for 75mm AVAR chamber on 150mm pipe	6d	25-Jan-15 A	31-Jan-15 A		100%	\$0.00	0%														
UDS-CS-110	Review & Approval of Shop drawing for 75mm AVAR chamber on 150mm pipe	21d	31-Jan-15 A	12-Feb-15 A		100%	\$0.00	0%														
UDS-CS-120	Prep. & Sub. Shop drawing for 100mm AVAR chamber on 500mm pipe	6d	25-Jan-15 A	31-Jan-15 A		100%	\$0.00	0%														
UDS-CS-120	Review & Approval of Shop drawing for 100mm AVAR chamber on 500mm pipe	21d	31-Jan-15 A	12-Feb-15 A		100%	\$0.00	0%														
UDS-CS-160	Prep. & Sub. Shop drawing for 150mm AVAR chamber on 500mm pipe	6d	25-Jan-15 A	31-Jan-15 A		100%	\$0.00	0%														
UDS-CS-160	Review & Approval of Shop drawing for 150mm AVAR chamber on 500mm pipe	21d	31-Jan-15 A	12-Feb-15 A		100%	\$0.00	0%														
WO Washout Chambers		31d	25-Jan-15 A	25-Feb-15 A		0%	\$0.00	0%														
UDS-CS-140	Prep. & Sub. Shop drawing for 75mm WO chamber on 150mm pipe	6d	25-Jan-15 A	31-Jan-15 A		100%	\$0.00	0%														
UDS-CS-140	Review & Approval of Shop drawing for 75mm WO chamber on 150mm pipe	21d	31-Jan-15 A	25-Feb-15 A		100%	\$0.00	0%														
UDS-CS-150	Prep. & Sub. Shop drawing for 200mm WO chamber on 500mm pipe	6d	25-Jan-15 A	31-Jan-15 A		100%	\$0.00	0%														
UDS-CS-150	Review & Approval of Shop drawing for 200mm WO chamber on 500mm pipe	21d	31-Jan-15 A	25-Feb-15 A		100%	\$0.00	0%														
BFV Chambers		31d	31-Jan-15 A	25-Feb-15 A		0%	\$0.00	0%														
UDS-CS-070	Prep. & Sub. Shop drawing for 500mm BFV chamber at station 1+010 (Bani Na'im BFV Chamber 1)	6d	31-Jan-15 A	18-Feb-15 A		100%	\$0.00	0%														
UDS-CS-070	Review & Approval of Shop drawing for 500mm BFV chamber at station 1+010 (Bani Na'im BFV Chamber 1)	21d	18-Feb-15 A	25-Feb-15 A		100%	\$0.00	0%														
UDS-CS-080	Prep. & Sub. Shop drawing for 500mm BFV chamber at station 1+960 (500mm isolation Chamber 1)	6d	31-Jan-15 A	18-Feb-15 A		100%	\$0.00	0%														
UDS-CS-080	Review & Approval of Shop drawing for 500mm BFV chamber at station 1+960 (500mm isolation Chamber 1)	21d	18-Feb-15 A	25-Feb-15 A		100%	\$0.00	0%														
UDS-CS-100	Prep. & Sub. Shop drawing for 500mm BFV chamber at station 3+050 (500mm isolation chamber 2)	6d	31-Jan-15 A	18-Feb-15 A		100%	\$0.00	0%														

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Schedule % Complete	Actual Total Cost	Cost % of Budget	2014		2015												
									Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct			
UDS-MMS-020	Prep. & Sub. Butterfly Valve	5d	16-Nov-14 A	07-Dec-14 A		100%	\$0.00	0%															
UDS-MMS-020-I	Review & Approval of Butterfly Valve	21d	07-Dec-14 A	16-Dec-14 A		100%	\$0.00	0%															
UDS-MMS-030	Prep. & Sub. Gate Valve	5d	06-Dec-14 A	12-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-030-I	Review & Approval of Gate Valve	21d	12-Jan-15 A	20-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-040	Prep. & Sub. Combination Air Valve	5d	22-Dec-14 A	18-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-040-I	Review & Approval of Combination Air Valve	21d	18-Jan-15 A	25-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-050	Prep. & Sub. Check Valve	10d	22-Dec-14 A	22-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-050-I	Review & Approval of Check Valve	21d	22-Jan-15 A	03-Feb-15 A		100%	\$0.00	0%															
UDS-MMS-060	Prep. & Sub. Flow Control Valve	5d	26-Jan-15 A	18-Feb-15 A		100%	\$0.00	0%															
UDS-MMS-060-I	Review & Approval of Flow Control Valve	21d	18-Feb-15 A	25-Feb-15 A		100%	\$0.00	0%															
UDS-MMS-070	Prep. & Sub. Pressure Relief Valve	10d	08-Dec-14 A	28-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-070-I	Review & Approval of Pressure Relief Valve	21d	28-Jan-15 A	03-Feb-15 A		100%	\$0.00	0%															
UDS-MMS-080	Prep. & Sub. Strainer	5d	22-Nov-14 A	27-Dec-14 A		100%	\$0.00	0%															
UDS-MMS-080-I	Review & Approval of Strainer	21d	27-Dec-14 A	04-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-090	Prep. & Sub. Combined flow control and Pressure Reducing Valve	5d	22-Dec-14 A	26-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-090-I	Review & Approval of Combined flow control and Pressure Reducing Valve	21d	26-Jan-15 A	29-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-110	Prep. & Sub. Dismantling joints	5d	22-Nov-14 A	09-Dec-14 A		100%	\$0.00	0%															
UDS-MMS-110-F	Review & Approval of Dismantling joints	21d	09-Dec-14 A	16-Dec-14 A		100%	\$0.00	0%															
UDS-MMS-120	Prep. & Sub. Mechanical coupling & socket adapters	5d	01-Dec-14 A	09-Dec-14 A		100%	\$0.00	0%															
UDS-MMS-120-I	Review & Approval of Mechanical coupling & socket adapters	21d	09-Dec-14 A	16-Dec-14 A		100%	\$0.00	0%															
UDS-MMS-140	Prep. & Sub. Float (level) control valves	5d	29-Dec-14 A	31-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-140-I	Review & Approval of Float (level) control valves	21d	31-Jan-15 A	04-Feb-15 A		100%	\$0.00	0%															
UDS-MMS-150	Prep. & Sub. Flange Gaskets	5d	25-Dec-14 A	30-Dec-14 A		100%	\$0.00	0%															
UDS-MMS-150-I	Review & Approval of Flange Gaskets	21d	30-Dec-14 A	04-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-160	Prep. & Sub. Galvanized Malleable Iron Fittings Up to 2"	4d	17-Jan-15 A	20-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-160-I	Review & Approval of Galvanized Malleable Iron Fittings Up to 2"	21d	20-Jan-15 A	25-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-170	Prep. & Sub. Bolts, studs, nuts, and washers	4d	11-Jan-15 A	17-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-170-I	Review & Approval of Bolts, studs, nuts, and washers	21d	17-Jan-15 A	25-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-180	Prep. & Sub. Flanges	5d	01-Jan-15 A	05-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-180-I	Review & Approval of Flanges	21d	05-Jan-15 A	11-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-190	Prep. & Sub. Pressure Gauge, ball valve, and snubber	5d	01-Jan-15 A	04-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-190-I	Review & Approval of Pressure Gauge, ball valve, and snubber	21d	04-Jan-15 A	11-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-200	Prep. & Sub. Steel fittings (elbows, reducers, tees, etc	5d	10-Jan-15 A	20-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-200-I	Review & Approval of Steel fittings (elbows, reducers, tees, etc	21d	20-Jan-15 A	25-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-210	Prep. & Sub. Heat Shrinkable for Steel Pipes	5d	15-Jan-15 A	25-Jan-15 A		100%	\$0.00	0%															
UDS-MMS-210-I	Review & Approval of Heat Shrinkable for Steel Pipes	21d	25-Jan-15 A	02-Feb-15 A		100%	\$0.00	0%															
UDS-MMS-220	Prep. & Sub. Steel pipes marking Sample	4d	01-Dec-14 A	08-Dec-14 A		100%	\$0.00	0%															
UDS-MMS-220-I	Review & Approval of Steel pipes marking Sample	21d	08-Dec-14 A	17-Dec-14 A		100%	\$0.00	0%															
UDS-MMS-230	Prep. & Sub. 450mm, 400mm. 350mm, 300mm, 250mm, 200mm, 150mm, 100mm, 80mm Steel Pipes	5d	15-Dec-14 A	22-Feb-15 A		100%	\$0.00	0%															
UDS-MMS-230-I	Review & Approval of 450mm, 400mm. 350mm, 300mm, 250mm, 200mm, 150mm, 100mm, 80mm Steel Pipes	21d	22-Feb-15 A	04-Mar-15 A		100%	\$0.00	0%															
Civil Material Submittals		125d	16-Nov-14 A	26-Mar-15 A		0%	\$0.00	0%	26-Mar-15 A, Civil Material Su...														
UDS-CMS-10	Prep. & Sub. Bedding Material	4d	04-Dec-14 A	07-Dec-14 A		100%	\$0.00	0%															
UDS-CMS-10-RA	Review & Approval of Bedding Material	21d	07-Dec-14 A	08-Dec-14 A		100%	\$0.00	0%															
UDS-CMS-20	Prep. & Sub. Single Size Backfilling Material	4d	01-Dec-14 A	07-Dec-14 A		100%	\$0.00	0%															
UDS-CMS-20-RA	Review & Approval of Single Size Backfilling Material	21d	07-Dec-14 A	08-Dec-14 A		100%	\$0.00	0%															
UDS-CMS-30	Prep. & Sub. Base Course	7d	18-Feb-15 A	28-Feb-15 A		100%	\$0.00	0%															
UDS-CMS-30-RA	Review & Approval of Base Course	21d	03-Mar-15 A	03-Mar-15 A		100%	\$0.00	0%															
UDS-CMS-40	Prep. & Sub. Concrete Mix Design	28d	01-Dec-14 A	08-Dec-14 A		100%	\$0.00	0%															
UDS-CMS-40-RA	Review & Approval of Concrete Mix Design	21d	08-Dec-14 A	10-Dec-14 A		100%	\$0.00	0%															
UDS-CMS-45	Prep. & Sub. Steel Reinforcement	4d	04-Dec-14 A	14-Dec-14 A		100%	\$0.00	0%															
UDS-CMS-45-RA	Review & Approval of Steel Reinforcement	21d	14-Dec-14 A	15-Dec-14 A		100%	\$0.00	0%															
UDS-CMS-50	Prep. & Sub. Bituminous Cold Material (for external coating for Concrete Chambers)	3d	17-Dec-14 A	27-Dec-14 A		100%	\$0.00	0%															
UDS-CMS-50-RA	Review & Approval of Bituminous Cold Material (for external coating for Concrete Chambers)	21d	27-Dec-14 A	11-Jan-15 A		100%	\$0.00	0%															
UDS-CMS-60	Prep. & Sub. Manhole covers and frames	5d	16-Nov-14 A	26-Nov-14 A		100%	\$0.00	0%															
UDS-CMS-60-RA	Review & Approval of Manhole covers and frames	21d	26-Nov-14 A	30-Nov-14 A		100%	\$0.00	0%															
UDS-CMS-70	Prep. & Sub. Pipe's supports	4d	01-Jan-15 A	05-Jan-15 A		100%	\$0.00	0%															

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Schedule % Complete	Actual Total Cost	Cost % of Budget	2014		2015												
									Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct			
UDS-CMS-70-RA	Review & Approval of Pipe's supports	21d	05-Jan-15 A	11-Jan-15 A		100%	\$0.00	0%															
UDS-CMS-80	Prep. & Sub. Manhole Rungs	5d	08-Dec-14 A	10-Dec-14 A		100%	\$0.00	0%															
UDS-CMS-80-RA	Review & Approval of Manhole Rungs	21d	10-Dec-14 A	15-Dec-14 A		100%	\$0.00	0%															
UDS-CMS-90	Prep. & Sub. Asphalt Mix Design	7d	01-Dec-14 A	08-Dec-14 A		100%	\$0.00	0%															
UDS-CMS-90-RA	Review & Approval of Asphalt Mix Design	21d	08-Dec-14 A	10-Dec-14 A		100%	\$0.00	0%															
UDS-CMS-91	Prep. & Sub. Prime Coat and Tack Coat	4d	23-Mar-15 A	26-Mar-15 A		100%	\$0.00	0%															
UDS-CMS-91-RA	Review & Approval of Prime Coat and Tack Coat	21d	26-Mar-15 A	26-Mar-15 A		100%	\$0.00	0%															
Electrical Material Submittals		173d	10-Nov-14 A	15-Jul-15	55d	0%	\$0.00	0%	15-Jul-15, Electrical M														
UDS-EMS-10	Prep. & Sub. Pressure differential switches	9d	06-Dec-14 A	29-Jan-15 A		100%	\$0.00	0%															
UDS-EMS-10-RA	Review & Approval of Pressure differential switches	21d	29-Jan-15 A	04-Feb-15 A		100%	\$0.00	0%															
UDS-EMS-20	Prep. & Sub. Antenna gsm / gprs Modem	5d	01-Jun-15	06-Jun-15	55d	100%	\$0.00	0%															
UDS-EMS-20-RA	Review & Approval of Antenna gsm / gprs Modem	21d	07-Jun-15	15-Jul-15	45d	100%	\$0.00	0%															
UDS-EMS-30	Prep. & Sub. Cathode protection: Anodes, Test Stations	5d	11-Dec-14 A	14-Dec-14 A		100%	\$0.00	0%															
UDS-EMS-30-RA	Review & Approval of Cathode protection: Anodes, Test Stations	21d	14-Dec-14 A	29-Dec-14 A		100%	\$0.00	0%															
UDS-EMS-40	Prep. & Sub. Cathode protection: Accessories, flanges insulating kit and Link Seal	5d	11-Dec-14 A	14-Dec-14 A		100%	\$0.00	0%															
UDS-EMS-40-RA	Review & Approval of Cathode protection: Accessories, flanges insulating kit and Link Seal	21d	14-Dec-14 A	29-Dec-14 A		100%	\$0.00	0%															
UDS-EMS-50	Prep. & Sub. Pressure Transmitters	5d	30-Nov-14 A	08-Dec-14 A		100%	\$0.00	0%															
UDS-EMS-50-RA	Review & Approval of Pressure Transmitters	21d	08-Dec-14 A	22-Dec-14 A		100%	\$0.00	0%															
UDS-EMS-60	Prep. & Sub. Magnetic flow-meters	5d	06-Dec-14 A	21-Jan-15 A		100%	\$0.00	0%															
UDS-EMS-60-RA	Review & Approval of Magnetic flow-meters	21d	21-Jan-15 A	03-Feb-15 A		100%	\$0.00	0%															
UDS-EMS-70	Prep. & Sub. Magnetic flow-meters for Al-Safi	5d	10-Nov-14 A	13-Nov-14 A		100%	\$0.00	0%															
UDS-EMS-70-RA	Review & Approval of Magnetic flow-meters for Al-Safi	21d	13-Nov-14 A	25-Nov-14 A		100%	\$0.00	0%															
Method Statement		182d	10-Nov-14 A	06-Jul-15	69d	0%	\$0.00	0%	06-Jul-15, Method Stat														
UDS-MS-009	Prep. & Sub. Method statement for testing of existing pipeline	5d	04-Dec-14 A	27-Dec-14 A		100%	\$0.00	0%															
UDS-MS-009-RA	Review & Approval of Method statement for testing of existing pipeline	21d	27-Dec-14 A	05-Jan-15 A		100%	\$0.00	0%															
UDS-MS-010	Prep. & Sub. Pipeline installation method statement	5d	10-Nov-14 A	03-Dec-14 A		100%	\$0.00	0%															
UDS-MS-010-RA	Review & Approval of Pipeline installation method statement	21d	03-Dec-14 A	29-Dec-14 A		100%	\$0.00	0%															
UDS-MS-020	Prep. & Sub. Method Statement for Repairing Pipe Cement Mortar Lining	4d	17-Nov-14 A	25-Jan-15 A		100%	\$0.00	0%															
UDS-MS-020-RA	Review & Approval of Method Statement for Repairing Pipe Cement Mortar Lining	21d	25-Jan-15 A	29-Jan-15 A		100%	\$0.00	0%															
UDS-MS-030	Prep. & Sub. Method Statement for Radiographic Testing and safety plan	5d	22-Nov-14 A	25-Jan-15 A		100%	\$0.00	0%															
UDS-MS-030-RA	Review & Approval of Method Statement for Radiographic Testing and safety plan	21d	25-Jan-15 A	27-Jan-15 A		100%	\$0.00	0%															
UDS-MS-040	Prep. & Sub. Cathode protection: Installation method statement and Shop Drawing	5d	01-Feb-15 A	16-May-15 A		100%	\$0.00	0%															
UDS-MS-040-RA	Review & Approval of Cathode protection: Installation method statement and Shop Drawing	21d	16-May-15 A	31-May-15 A		100%	\$0.00	0%															
UDS-MS-050	Prep. & Sub. Coating procedure for exposed and/or inside manhole pipes and fittings	5d	06-Dec-14 A	27-Dec-14 A		100%	\$0.00	0%															
UDS-MS-050-RA	Review & Approval of Coating procedure for exposed and/or inside manhole pipes and fittings	21d	27-Dec-14 A	11-Jan-15 A		100%	\$0.00	0%															
UDS-MS-060	Prep. & Sub. Method Statement for Pipeline Testing and Disinfection	5d	12-May-15 A	17-May-15 A		100%	\$0.00	0%															
UDS-MS-060-RA	Review & Approval of Method Statement for Pipeline Testing and Disinfection	21d	01-Jun-15	06-Jul-15	57d	100%	\$0.00	0%															
Miscellaneous		182d	16-Nov-14 A	14-Jul-15	69d	0%	\$0.00	0%	14-Jul-15, Miscellaneo														
UDS-MIS-10	Prep. & Sub. Welding Procedure	5d	16-Nov-14 A	12-Feb-15 A		100%	\$0.00	0%															
UDS-MIS-10-RA	Review & Approval of Welding Procedure	21d	12-Feb-15 A	04-Mar-15 A		100%	\$0.00	0%															
UDS-MIS-30	Prep. & Sub. Identification Tape	5d	16-Nov-14 A	22-Dec-14 A		100%	\$0.00	0%															
UDS-MIS-30-RA	Review & Approval of Identification Tape	21d	22-Dec-14 A	29-Dec-14 A		100%	\$0.00	0%															
UDS-MIS-50	Prep. & Sub. Water Quality Testing Lab	5d	12-May-15 A	17-May-15 A		100%	\$0.00	0%															
UDS-MIS-50-RA	Review & Approval of Water Quality Testing Lab	21d	01-Jun-15	06-Jul-15	45d	100%	\$0.00	0%															
UDS-MIS-60	Prep. & Sub. Welding testing Labs e.g. Arc-Eyes (Visual) & Morex (RT)	5d	16-Nov-14 A	09-Dec-14 A		100%	\$0.00	0%															
UDS-MIS-60-RA	Review & Approval of Welding testing Labs e.g. Arc-Eyes (Visual) & Morex (RT)	21d	09-Dec-14 A	16-Dec-14 A		100%	\$0.00	0%															
UDS-MIS-70	Prep. & Sub. Proposed Welders for Welders Qualification Test - CVs	5d	17-Feb-15 A	15-Mar-15 A		100%	\$0.00	0%															
UDS-MIS-70-RA	Review & Approval of Proposed Welders for Welders Qualification Test - CVs	21d	15-Mar-15 A	18-Mar-15 A		100%	\$0.00	0%															
UDS-MIS-80	Prep. & Sub. Training Submittal (Qualification and Material)	5d	19-Apr-15 A	04-Jun-15	70d	0%	\$0.00	0%															
UDS-MIS-80-RA10	Review & Approval of Training Submittal (Qualification and Material)	21d	04-Jun-15	14-Jul-15	57d	0%	\$0.00	0%															
Procurement		113d	17-Dec-14 A	26-Jul-15	4d	0%	\$0.00	0%	26-Jul-15, Procurem														
PRO-01	Order of 500 mm, 350mm, 150mm, 80mm Steel Pipes	2d	17-Dec-14 A	18-Dec-14 A		100%	\$0.00	0%															
PRO-1020	Manufacturing of 500 mm, 350mm, 150mm, 80mm Steel Pipes	50d	18-Dec-14 A	30-Mar-15 A		100%	\$0.00	0%															
PRO-1030	Delivery of 500 mm, 350mm, 150mm, 80mm Steel Pipes	2d	31-Mar-15 A	05-Apr-15 A		100%	\$0.00	0%															
PRO-1031	Order of Mechanical electrical fittings	2d	17-Jan-15 A	17-Feb-15 A		100%	\$0.00	0%															
PRO-1032	Manufacturing of Mechanical and electrical fittings	90d	17-Feb-15 A	23-Jun-15	4d	75.56%	\$0.00	0%															



Annex K:

One Month Look ahead Schedule

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015											
						Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Monthly Update Ras Al Tawil & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi Booster Stati						[Gantt bar from Oct to Oct]											
Milestones						[Gantt bar from Oct to Oct]											
Intermediate Milestones						[Gantt bar from Oct to Oct]											
UDS-IA-06	Finish of Construction Submittals	0d	04-Nov-14 A	25-Oct-15	139d	◆ Finish of Construction Submitt...											
UDS-IA-46	Project Duration	275d	04-Nov-14 A	25-Oct-15	0d	[Gantt bar from Oct to Oct]											
Construction Phase						[Gantt bar from Oct to Oct]											
Construction Submittals						[Gantt bar from Oct to Oct]											
Shopdrawing submittals						[Gantt bar from Oct to Oct]											
Civil Shopdrawing						[Gantt bar from Oct to Oct]											
UDS-CS-260 R8	Review & Approval of Shop drawing for Roads	21d	30-Apr-15 A	09-Jun-15	81d	[Gantt bar from Oct to Oct]											
Material Submittals						[Gantt bar from Oct to Oct]											
Electrical Material Submittals						[Gantt bar from Oct to Oct]											
UDS-EMS-20	Prep. & Sub. Antenna gsm / gprs Modem	5d	01-Jun-15	06-Jun-15	55d	[Gantt bar from Oct to Oct]											
UDS-EMS-20-RA	Review & Approval of Antenna gsm / gprs Modem	21d	07-Jun-15	15-Jul-15	45d	[Gantt bar from Oct to Oct]											
Method Statement						[Gantt bar from Oct to Oct]											
UDS-MS-060-RA	Review & Approval of Method Statement for Pipeline Testing and Disinfection	21d	01-Jun-15	06-Jul-15	57d	[Gantt bar from Oct to Oct]											
Miscellaneous						[Gantt bar from Oct to Oct]											
UDS-MIS-50-RA	Review & Approval of Water Quality Testing Lab	21d	01-Jun-15	06-Jul-15	45d	[Gantt bar from Oct to Oct]											
UDS-MIS-80	Prep. & Sub. Training Submittal (Qualification and Material)	5d	19-Apr-15 A	04-Jun-15	70d	[Gantt bar from Oct to Oct]											
UDS-MIS-80-RA10	Review & Approval of Training Submittal (Qualification and Material)	21d	04-Jun-15	14-Jul-15	57d	[Gantt bar from Oct to Oct]											
Procurement						[Gantt bar from Oct to Oct]											
PRO-1032	Manufacturing of Mechanical and electrical fittings	90d	17-Feb-15 A	23-Jun-15	4d	[Gantt bar from Oct to Oct]											
PRO-1035	Delivery of Mechanical and electrical fittings	13d	23-Jun-15	26-Jul-15	4d	[Gantt bar from Oct to Oct]											
Execution						[Gantt bar from Oct to Oct]											
Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A						[Gantt bar from Oct to Oct]											
Yatta Junction Traffic Control						[Gantt bar from Oct to Oct]											
E-R890	Maintain of Traffic Control Plan at Yatta Junction and Bani Naim reservoir	83d	31-Jan-15 A	27-Jun-15	19d	[Gantt bar from Oct to Oct]											
Yatta Junction and Bani Naim Reservoir Service Connection						[Gantt bar from Oct to Oct]											
E-R110	Construction of Flow Monitoring chamber as per detail M-VCFM at Yatta Junction (Yaqaen)	20d	01-Jun-15	27-Jun-15	19d	[Gantt bar from Oct to Oct]											
Testing of Existing Pipeline						[Gantt bar from Oct to Oct]											
E-T-01	Clean, disinfect and test existing 500 mm DIP pipeline from Halhoul Regional Reservoir to connection	7d	01-Dec-14 A	01-Jun-15	96d	[Gantt bar from Oct to Oct]											
Phase 1						[Gantt bar from Oct to Oct]											
E-R850	Maintain of Traffic Control Plan Phase 1	42d	31-Mar-15 A	01-Jun-15	39d	[Gantt bar from Oct to Oct]											
Pipeline segment from Station 1+000 to station 2+000						[Gantt bar from Oct to Oct]											
Dual Trench 500mm and 150mm Pipelines and chambers						[Gantt bar from Oct to Oct]											
80mm pipes and chambers						[Gantt bar from Oct to Oct]											
E-R180	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+065	1d	01-Jun-15	01-Jun-15	23d	[Gantt bar from Oct to Oct]											
E-R190	Construction of 80mm Gate Valve chamber at station 1+065	15d	02-Jun-15	20-Jun-15	23d	[Gantt bar from Oct to Oct]											
Phase 2						[Gantt bar from Oct to Oct]											
Pipeline segment from Station 2+000 to station 3+000						[Gantt bar from Oct to Oct]											
E-R860	Maintain of Traffic Control Plan Phase 2	73d	22-Apr-15 A	16-Jul-15	32d	[Gantt bar from Oct to Oct]											
Pipeline segment from Station 3+000 to station 4+000						[Gantt bar from Oct to Oct]											
Dual Trench 500mm and 150mm Pipelines and chambers						[Gantt bar from Oct to Oct]											
E-R410	Construction of 75mm WO chamber at station 3+512 for 150mm pipe	15d	01-Jun-15	17-Jun-15	48d	[Gantt bar from Oct to Oct]											
E-R420	Construction of 200mm WO chamber at station 3+513 for 500mm pipe	15d	01-Jun-15	17-Jun-15	48d	[Gantt bar from Oct to Oct]											
E-R490	Construction of 75mm AVAR chamber at station 3+873 for 150mm pipe	15d	01-Jun-15	17-Jun-15	48d	[Gantt bar from Oct to Oct]											
E-R500	Construction of 100mm AVAR chamber at station 3+872 for 500mm pipe	15d	01-Jun-15	17-Jun-15	48d	[Gantt bar from Oct to Oct]											
E-R510	Construction of 75mm WO chamber at station 3+997.5 for 150mm pipe	15d	01-Jun-15	17-Jun-15	48d	[Gantt bar from Oct to Oct]											
E-R520	Construction of 200mm WO chamber at station 4+000 for 500mm pipe	15d	01-Jun-15	17-Jun-15	48d	[Gantt bar from Oct to Oct]											
80mm pipes and chambers						[Gantt bar from Oct to Oct]											
E-R450	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+570	1d	01-Jun-15	01-Jun-15	0d	[Gantt bar from Oct to Oct]											
E-R460	Construction of 80mm Gate Valve chamber at station 3+570	15d	02-Jun-15	20-Jun-15	17d	[Gantt bar from Oct to Oct]											
E-R470	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+860	1d	02-Jun-15	02-Jun-15	0d	[Gantt bar from Oct to Oct]											
E-R480	Construction of 80mm Gate Valve chamber at station 3+860	15d	20-Jun-15	16-Jul-15	17d	[Gantt bar from Oct to Oct]											
Phase 3						[Gantt bar from Oct to Oct]											

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015															
						Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct			
Pipeline segment from Station 4+000 to station 5+000						105d	19-May-15 A	10-Oct-15	0d												
E-R870	Maintain of Traffic Control Plan Phase 3 (Area C)	96d	19-May-15 A	10-Oct-15	0d																
Dual Trench 500mm and 150mm Pipelines and chambers						34d	19-May-15 A	09-Jul-15	36d												
E-R530	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 4+000 to ST 5+000 includ. Cathode Protection Instal	20d	19-May-15 A	07-Jun-15	2d																
E-R570	Construction of 150mm AVAR chamber at station 4+390 for 500mm pipe	15d	01-Jun-15	17-Jun-15	48d																
E-R600	Construction of 150mm Gate Valve chamber at station 4+510	15d	01-Jun-15	17-Jun-15	48d																
E-R610	Construction of 500mm BFV chamber at station 4+510 (500mm isolation chamber 3)	15d	01-Jun-15	17-Jun-15	48d																
E-R640	Construction of 75mm WO chamber at station 4+604 for 150mm pipe	15d	02-Jun-15	20-Jun-15	47d																
E-R650	Construction of 200mm WO chamber at station 4+603 for 500mm pipe	15d	02-Jun-15	20-Jun-15	47d																
E-R660	Excavation, Bedding, Installation and Backfilling of 150mm steel pipeline from station 4+850 to station 4+865	2d	07-Jun-15	08-Jun-15	25d																
E-R670	Construction of 150mm Gate Valve chamber at station 4+850	15d	09-Jun-15	30-Jun-15	41d																
E-R680	Construction of Al-Uddeisa Emergency Service Connection Chamber at Station 4+860 as per detail M-0004	20d	09-Jun-15	09-Jul-15	36d																
E-R690	Construction of 150mm Gate Valve chamber at station 4+865	15d	11-Jun-15	04-Jul-15	39d																
E-R700	Construction of 75mm AVAR chamber at station 4+904.5 for 150mm pipe	15d	09-Jun-15	30-Jun-15	41d																
E-R710	Construction of 150mm AVAR chamber at station 4+905.5 for 500mm pipe	15d	09-Jun-15	30-Jun-15	41d																
80mm pipes and chambers						31d	03-Jun-15	22-Jul-15	15d												
E-R540	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+110	1d	03-Jun-15	03-Jun-15	0d																
E-R550	Construction of 80mm Gate Valve chamber at station 4+110	15d	04-Jun-15	23-Jun-15	0d																
E-R580	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+450	1d	04-Jun-15	04-Jun-15	14d																
E-R590	Construction of 80mm Gate Valve chamber at station 4+450	15d	23-Jun-15	22-Jul-15	0d																
E-R620	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+585	1d	06-Jun-15	06-Jun-15	28d																
E-R720	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 5+000	1d	08-Jun-15	08-Jun-15	41d																
Pipeline segment from Station 5+000 to station 5+597						14d	09-Jun-15	28-Jun-15	42d												
Dual Trench 500mm and 150mm Pipelines and chambers						14d	09-Jun-15	28-Jun-15	25d												
E-R740	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 5+000 to ST 5+597 includ. Cathode Protection Instal	14d	09-Jun-15	28-Jun-15	25d																
80mm pipes and chambers						1d	15-Jun-15	15-Jun-15	50d												
E-R750	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 5+215	1d	15-Jun-15	15-Jun-15	50d																
Mechanical Electrical installation						22d	05-May-15 A	15-Jul-15	73d												
Cathodic Protection						22d	05-May-15 A	15-Jul-15	73d												
E-S-184	Installation of Cathodic Protection - Phase 1	20d	05-May-15 A	11-Jun-15	73d																
E-S-194	Installation of Cathodic Protection - Phase 2	20d	13-Jun-15	15-Jul-15	73d																
Reinstatemnet and Road Work						45d	18-Apr-15 A	15-Jul-15	80d												
Miscellaneous						5d	01-Jun-15	06-Jun-15	92d												
Al Safi Booster Station - Phase I Pipeline Connection						87d	09-Feb-15 A	14-Jun-15	85d												

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



Annex L:

Completed and in progress activities

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015											
						Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Monthly Update Ras Al Tawil & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi Booster Stati						[Summary Bar]											
Milestones						[Summary Bar]											
General Milestones						[Summary Bar]											
UDS-A-001	Notice to Proceed (NTP)	0d	04-Nov-14 A	04-Nov-14 A		▼ 04-Nov-14 A, General Milestone... ◆ Notice to Proceed (NTP)											
Intermediate Milestones						[Summary Bar]											
UDS-IA-01	Start of Mobilization	0d	04-Nov-14 A			◆ Start of Mobilization											
UDS-IA-02	Finish of Mobilization	0d		17-Dec-14 A		◆ Finish of Mobilization											
UDS-IA-03	Start of Pre-Construction Submittals	0d	04-Nov-14 A			◆ Start of Pre-Construction Subm...											
UDS-IA-04	Finish of Pre-Construction Submittals	0d		23-Feb-15 A		◆ Finish of Pre-Construction Sub...											
UDS-IA-05	Start of Construction Submittals	0d	10-Nov-14 A			◆ Start of Construction Submitta...											
UDS-IA-16	Start of Construction (Ground Breaking)	0d	31-Jan-15 A			◆ Start of Construction (Ground ...											
UDS-IA-20	Start of Construction of Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A	0d	31-Jan-15 A			◆ Start of Construction of Ras A...											
UDS-IA-30	Start of Construction of Al Safi Booster Station – Phase I Pipeline Connection	0d	07-Feb-15 A			◆ Start of Construction of Al Sa...											
UDS-IA-46	Project Duration	275d	04-Nov-14 A	25-Oct-15	0d	[Summary Bar]											
PreConstruction Phase						▼ 17-Dec-14 A, Mobilization 26-Mar-15 A, PreConstruction P...											
Mobilization						[Summary Bar]											
UDS-MOB-01	Pre-Construction Dilapidation Survey	5d	05-Dec-14 A	10-Dec-14 A		■ Pre-Construction Dilapidation ...											
UDS-MOB-02	Provide, furnish and erect Temporary Project Signs	1d	30-Nov-14 A	30-Nov-14 A		Provide, furnish and erect Tem...											
UDS-MOB-03	Supply and furnish Field Office Furniture and Miscellaneous	2d	13-Nov-14 A	15-Nov-14 A		■ Supply and furnish Field Offic...											
UDS-MOB-04	Supply and install Field Office Computer Systems and IT Equipments	2d	05-Dec-14 A	07-Dec-14 A		■ Supply and install Field Offic...											
UDS-MOB-05	Arrange for and erect Contractor's work and Storage Yards	2d	04-Nov-14 A	06-Nov-14 A		■ Arrange for and erect Contract...											
UDS-MOB-06	Moving onto the Sites of all Plant and equipments	3d	07-Nov-14 A	10-Nov-14 A		■ Moving onto the Sites of all P...											
UDS-MOB-07	Post OSHA-required notices and establish safety programs	2d	04-Nov-14 A	06-Nov-14 A		■ Post OSHA-required notices and...											
UDS-MOB-08	Installation of Temporary Facilities as per section 01500	5d	04-Nov-14 A	09-Nov-14 A		■ Installation of Temporary Faci...											
UDS-MOB-09	Mobilization Summary	23d	04-Nov-14 A	17-Dec-14 A		Mobilization Summary											
PreConstruction Submittals						▼ 23-Feb-15 A, PreConstruction S...											
UDS-PC-SUB-01	Preparation & Submit Copy of Bank Guarantee Certificates	1d	04-Nov-14 A	06-Nov-14 A		■ Preparation & Submit Copy of B...											
UDS-PC-SUB-01-R&A	Review & Approval of Bank Guarantee Certificates	21d	06-Nov-14 A	18-Nov-14 A		■ Review & Approval of Bank Guar...											
UDS-PC-SUB-02	Preparation & Submit Scheduling Qualification Submittal	1d	04-Nov-14 A	06-Nov-14 A		■ Preparation & Submit Scheduling...											
UDS-PC-SUB-02-R&A	Review & Approval of Scheduling Qualification Submittal	21d	06-Nov-14 A	12-Nov-14 A		■ Review & Approval of Scheduling...											
UDS-PC-SUB-03	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)	2d	04-Nov-14 A	09-Nov-14 A		■ Preparation & Submit Prelimina...											
UDS-PC-SUB-03-R&A	Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation)	21d	09-Nov-14 A	20-Nov-14 A		■ Review & Approval of Prelimina...											
UDS-PC-SUB-04	Preparation & Submit Submittals Schedule	2d	04-Nov-14 A	06-Nov-14 A		■ Preparation & Submit Submittal...											
UDS-PC-SUB-04-R&A	Review & Approval of Submittals Schedule	21d	06-Nov-14 A	12-Nov-14 A		■ Review & Approval of Submittal...											
UDS-PC-SUB-05	Preparation & Submit Key Staff	2d	18-Feb-15 A	22-Feb-15 A		■ Preparation & Submit Key Staff											
UDS-PC-SUB-05-R&A	Review & Approval of Key Staff	2d	22-Feb-15 A	23-Feb-15 A		■ Review & Approval of Key Staff											
UDS-PC-SUB-06	Preparation & Submit Project Temporary Signs	2d	04-Nov-14 A	26-Nov-14 A		■ Preparation & Submit Project T...											
UDS-PC-SUB-06-R&A	Review & Approval of Project Temporary Signs	11d	26-Nov-14 A	27-Nov-14 A		■ Review & Approval of Project T...											
UDS-PC-SUB-07	Preparation & Submit Engineer's Field Office Location and Layout	2d	04-Nov-14 A	11-Nov-14 A		■ Preparation & Submit Engineer'...											
UDS-PC-SUB-07-R&A	Review & Approval of Engineer's Field Office Location and Layout	11d	11-Nov-14 A	12-Nov-14 A		■ Review & Approval of Engineer'...											
UDS-PC-SUB-08	Preparation & Submit Field Office Furniture and Equipment Plan	2d	06-Nov-14 A	11-Nov-14 A		■ Preparation & Submit Field Off...											
UDS-PC-SUB-08-R&A	Review & Approval of Field Office Furniture and Equipment Plan	12d	11-Nov-14 A	12-Nov-14 A		■ Review & Approval of Field Off...											
UDS-PC-SUB-09	Preparation & Submit Field Office Computer Systems and Miscellaneous	5d	04-Nov-14 A	01-Dec-14 A		■ Preparation & Submit Field Off...											
UDS-PC-SUB-09-R&A	Review & Approval of Field Office Computer Systems and Miscellaneous	15d	01-Dec-14 A	03-Dec-14 A		■ Review & Approval of Field Off...											
UDS-PC-SUB-10	Preparation & Submit Quality Control Plan with Testing Lab C.V	5d	04-Nov-14 A	01-Dec-14 A		■ Preparation & Submit Quality C...											
UDS-PC-SUB-10-R&A	Review & Approval of Quality Control Plan with Testing Lab C.V	21d	01-Dec-14 A	08-Dec-14 A		■ Review & Approval of Quality C...											
UDS-PC-SUB-11	Preparation & Submit Safety Plan	5d	04-Nov-14 A	01-Dec-14 A		■ Preparation & Submit Safety Pl...											
UDS-PC-SUB-11-R&A	Review & Approval of Safety Plan	21d	01-Dec-14 A	08-Dec-14 A		■ Review & Approval of Safety Pl...											
UDS-PC-SUB-13	Preparation & Submit Environmental Monitoring and Mitigation Plan	3d	04-Nov-14 A	07-Dec-14 A		■ Preparation & Submit Environme...											
UDS-PC-SUB-13-R&A	Review & Approval of Environmental Monitoring and Mitigation Plan	21d	07-Dec-14 A	10-Dec-14 A		■ Review & Approval of Environme...											
UDS-PC-SUB-14	Preparation & Submit General Construction Method Statement	5d	04-Nov-14 A	03-Dec-14 A		■ Preparation & Submit General C...											
UDS-PC-SUB-14-R&A	Review & Approval of General Construction Method Statement	21d	03-Dec-14 A	29-Dec-14 A		■ Review & Approval of General C...											
UDS-PC-SUB-15	Preparation & Submit Original CPM Construction Schedule	25d	09-Nov-14 A	08-Feb-15 A		■ Preparation & Submit Original ...											
UDS-PC-SUB-15-R&A	Review & Approval of Original CPM Construction Schedule	21d	08-Feb-15 A	11-Feb-15 A		■ Review & Approval of Original ...											
UDS-PC-SUB-16	Preparation & Submit Construction Risk Management Program	5d	04-Nov-14 A	16-Dec-14 A		■ Preparation & Submit Construct...											

■ Actual Work
 ■ Critical Remaining Work
 ▼ Summary
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015														
						Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct		
UDS-PC-SUB-16-R&A	Review & Approval of Construction Risk Management Program	21d	16-Dec-14 A	22-Dec-14 A																
UDS-PC-SUB-17	Preparation & Submit Dilapidation Survey	3d	06-Nov-14 A	30-Nov-14 A																
UDS-PC-SUB-17-R&A	Review & Approval of Dilapidation Survey	21d	30-Nov-14 A	03-Dec-14 A																
UDS-PC-SUB-19	Preparation & Submit Insurances	2d	04-Nov-14 A	06-Nov-14 A																
UDS-PC-SUB-19-R&A	Review & Approval of Insurances	21d	06-Nov-14 A	30-Nov-14 A																
UDS-PC-SUB-20	Preparation & Submit Lists of Permits and Licenses	2d	04-Nov-14 A	11-Nov-14 A																
UDS-PC-SUB-20-R&A	Review & Approval of Lists of Permits and Licenses	21d	11-Nov-14 A	11-Nov-14 A																
UDS-PC-SUB-21	Preparation & Submit Dumping Site	4d	06-Nov-14 A	10-Dec-14 A																
UDS-PC-SUB-21-R&A	Review & Approval of Dumping Site	21d	10-Dec-14 A	15-Dec-14 A																
UDS-PC-SUB-22	Preparation & Submit Storage Yard	5d	11-Nov-14 A	17-Nov-14 A																
UDS-PC-SUB-22-R&A	Review & Approval of Storage Yard	21d	17-Nov-14 A	18-Nov-14 A																
UDS-PC-SUB-23	Preparation & Submit Trench Safety Plan	9d	18-Nov-14 A	07-Dec-14 A																
UDS-PC-SUB-23-R&A	Review & Approval of Trench Safety Plan	21d	07-Dec-14 A	08-Dec-14 A																
Traffic Control Plan, Coordination and Permits		146d	04-Nov-14 A	26-Mar-15 A																
UDS-COR-01	Receive Final for Construction Drawings	1d	05-Nov-14 A	05-Nov-14 A																
UDS-COR-02	Coordination with the DCL to obtain all the necessary approvals inclusive of traffic plans - Area C	45d	23-Dec-14 A	05-Mar-15 A																
UDS-COR-03	Coordination with Local authorities and obtain required permits for start of construction	20d	04-Nov-14 A	08-Dec-14 A																
UDS-COR-12	Coordination with the COGAT to obtain all the necessary approvals	45d	17-Dec-14 A	23-Feb-15 A																
UDS-PC-SUB-12	Preparation & Submit Traffic Control Plan from Station 1+000 to Sta. 2+100 (Area A)	5d	04-Nov-14 A	08-Dec-14 A																
UDS-PC-SUB-12-R&A	Review & Approval of Traffic Control Plan from Station 1+000 to Sta. 2+100 (Area A)	21d	08-Dec-14 A	18-Dec-14 A																
UDS-PC-SUB-30	Preparation & Submit Traffic Control Plan from Sta. 2+100 to Sta. 3+880 (Area A +Area B)	5d	28-Feb-15 A	05-Mar-15 A																
UDS-PC-SUB-30-R&A	Review & Approval of Traffic Control Plan for Area A from Sta. 2+100 to Sta. 3+880 (Area A +Area B)	21d	05-Mar-15 A	12-Mar-15 A																
UDS-PC-SUB-40	Preparation & Submit Traffic Control Plan for Area A from Sta. 3+880 to Sta. 5+597 (Area C)	5d	17-Dec-14 A	29-Dec-14 A																
UDS-PC-SUB-40-R&A	Review & Approval of Traffic Control Plan for Area A from Sta. Sta. 3+880 to Sta. 5+597 (Area C)	4d	24-Mar-15 A	26-Mar-15 A																
UDS-PC-SUB-50	Preparation & Submit Traffic Control Plan for Yatta Junction and Bani Naim reservoir	5d	01-Feb-15 A	16-Feb-15 A																
UDS-PC-SUB-50-R&A	Review & Approval of Traffic Control Plan for Yatta Junction and Bani Naim reservoir	21d	01-Feb-15 A	25-Feb-15 A																
Construction Phase		255d	10-Nov-14 A	10-Oct-15	8d															
Construction Submittals		172d	10-Nov-14 A	09-Jun-15	98d															
Shopdrawing submittals		148d	04-Dec-14 A	09-Jun-15	98d															
Chambers Shopdrawing		95d	18-Dec-14 A	10-Mar-15 A																
Gate Valve Chambers		33d	11-Jan-15 A	25-Feb-15 A																
UDS-CS-060	Prep. & Sub. Shop drawing for 150mm Gate Valve Chamber	6d	11-Jan-15 A	19-Jan-15 A																
UDS-CS-060	Review & Approval of Shop drawing for 150mm Gate Valve Chamber	21d	19-Jan-15 A	25-Feb-15 A																
UDS-CS-090	Prep. & Sub. Shop drawing for 80mm Gate Valve chamber	6d	11-Jan-15 A	19-Jan-15 A																
UDS-CS-090	Review & Approval of Shop drawing for 80mm Gate Valve chamber	21d	19-Jan-15 A	25-Feb-15 A																
AVAR Chambers		31d	25-Jan-15 A	12-Feb-15 A																
UDS-CS-110	Prep. & Sub. Shop drawing for 75mm AVAR chamber on 150mm pipe	6d	25-Jan-15 A	31-Jan-15 A																
UDS-CS-110	Review & Approval of Shop drawing for 75mm AVAR chamber on 150mm pipe	21d	31-Jan-15 A	12-Feb-15 A																
UDS-CS-120	Prep. & Sub. Shop drawing for 100mm AVAR chamber on 500mm pipe	6d	25-Jan-15 A	31-Jan-15 A																
UDS-CS-120	Review & Approval of Shop drawing for 100mm AVAR chamber on 500mm pipe	21d	31-Jan-15 A	12-Feb-15 A																
UDS-CS-160	Prep. & Sub. Shop drawing for 150mm AVAR chamber on 500mm pipe	6d	25-Jan-15 A	31-Jan-15 A																
UDS-CS-160	Review & Approval of Shop drawing for 150mm AVAR chamber on 500mm pipe	21d	31-Jan-15 A	12-Feb-15 A																
WO Washout Chambers		31d	25-Jan-15 A	25-Feb-15 A																
UDS-CS-140	Prep. & Sub. Shop drawing for 75mm WO chamber on 150mm pipe	6d	25-Jan-15 A	31-Jan-15 A																
UDS-CS-140	Review & Approval of Shop drawing for 75mm WO chamber on 150mm pipe	21d	31-Jan-15 A	25-Feb-15 A																
UDS-CS-150	Prep. & Sub. Shop drawing for 200mm WO chamber on 500mm pipe	6d	25-Jan-15 A	31-Jan-15 A																
UDS-CS-150	Review & Approval of Shop drawing for 200mm WO chamber on 500mm pipe	21d	31-Jan-15 A	25-Feb-15 A																
BFV Chambers		31d	31-Jan-15 A	25-Feb-15 A																
UDS-CS-070	Prep. & Sub. Shop drawing for 500mm BFV chamber at station 1+010 (Bani Na'im BFV Chamber 1)	6d	31-Jan-15 A	18-Feb-15 A																
UDS-CS-070	Review & Approval of Shop drawing for 500mm BFV chamber at station 1+010 (Bani Na'im BFV Chamber 1)	21d	18-Feb-15 A	25-Feb-15 A																
UDS-CS-080	Prep. & Sub. Shop drawing for 500mm BFV chamber at station 1+960 (500mm isolation Chamber 1)	6d	31-Jan-15 A	18-Feb-15 A																
UDS-CS-080	Review & Approval of Shop drawing for 500mm BFV chamber at station 1+960 (500mm isolation Chamber 1)	21d	18-Feb-15 A	25-Feb-15 A																
UDS-CS-100	Prep. & Sub. Shop drawing for 500mm BFV chamber at station 3+050 (500mm isolation chamber 2)	6d	31-Jan-15 A	18-Feb-15 A																
UDS-CS-100	Review & Approval of Shop drawing for 500mm BFV chamber at station 3+050 (500mm isolation chamber 2)	21d	18-Feb-15 A	25-Feb-15 A																
UDS-CS-180	Prep. & Sub. Shop drawing for 500mm BFV chamber at station 4+510 (500mm isolation chamber 3)	6d	31-Jan-15 A	18-Feb-15 A																
UDS-CS-180	Review & Approval of Shop drawing for 500mm BFV chamber at station 4+510 (500mm isolation chamber 3)	21d	18-Feb-15 A	25-Feb-15 A																

█ Actual Work
 █ Critical Remaining Work
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015													
						Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
UDS-CS-185	Prep. & Sub. Shop drawing for BFV chamber at station 5+570 (500mm isolation chamber 3)	6d	31-Jan-15 A	18-Feb-15 A															
UDS-CS-185	Review & Approval of Shop drawing for BFV chamber at station 5+570 (350mm isolation chamber 3)	21d	18-Feb-15 A	25-Feb-15 A															
Flow Meter Monitoring chamber		58d	20-Jan-15 A	10-Mar-15 A															
UDS-CS-130	Prep. & Sub. Shop drawing for Flow Meter Monitoring chamber at station 3+420 and at station 5+580	6d	20-Jan-15 A	05-Mar-15 A															
UDS-CS-130	Review & Approval of Shop drawing for Flow Meter Monitoring chamber at station 3+420 and at station 5+580	21d	05-Mar-15 A	10-Mar-15 A															
UDS-CS-210	Prep. & Sub. Shop drawing for Flow Monitoring chamber as per detail M-VCFM at Yatta Junction	15d	25-Jan-15 A	11-Feb-15 A															
UDS-CS-210	Review & Approval of Shop drawing for Flow Monitoring chamber as per detail M-VCFM at Yatta Junction	21d	11-Feb-15 A	25-Feb-15 A															
Connection Chambers		55d	20-Jan-15 A	25-Feb-15 A															
UDS-CS-190	Prep. & Sub. Shop drawing for Al-Uddeisa Emergency Service Connection Chamber at Station 4+860	6d	01-Feb-15 A	12-Feb-15 A															
UDS-CS-190	Review & Approval of Shop drawing for Al-Uddeisa Emergency Service Connection Chamber at Station 4+860	21d	12-Feb-15 A	25-Feb-15 A															
UDS-CS-200	Prep. & Sub. Shop drawing for Ras At-Tawil Emergency Service Connection Chamber at Station 5+570 as per detail M-00	6d	01-Feb-15 A	12-Feb-15 A															
UDS-CS-200	Review & Approval of Shop drawing for Ras At-Tawil Emergency Service Connection Chamber at Station 5+570	21d	12-Feb-15 A	25-Feb-15 A															
UDS-CS-220	Prep. & Sub. Shop drawing for Bani Naim Reservoir Connection Chamber as per Detail A/M-0002	6d	20-Jan-15 A	29-Jan-15 A															
UDS-CS-220	Review & Approval of Shop drawing for Bani Naim Reservoir Connection Chamber as per Detail A/M-0002	21d	29-Jan-15 A	31-Jan-15 A															
Check Valve Chambers		43d	18-Dec-14 A	09-Feb-15 A															
UDS-CS-230	Prep. & Sub. Shop drawing for Check Valve chamber as per detail A/M-0001 at Yatta Junction	20d	18-Dec-14 A	08-Feb-15 A															
UDS-CS-230	Review & Approval of Shop drawing for Check Valve chamber as per detail A/M-0001 at Yatta Junction	21d	08-Feb-15 A	09-Feb-15 A															
Water Pipeline Shopdrawing		99d	04-Dec-14 A	08-Apr-15 A															
500mm, 150mm and 80mm Pipes		99d	04-Dec-14 A	08-Apr-15 A															
UDS-CS-10	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 1+000 to Sta. 1+500	5d	04-Dec-14 A	14-Dec-14 A															
UDS-CS-10 F	Review & Approval of Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 1+000 to Sta.1+500	21d	14-Dec-14 A	06-Jan-15 A															
UDS-CS-20	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 1+500 to Sta.2+000	6d	10-Dec-14 A	27-Dec-14 A															
UDS-CS-20 F	Review & Approval of Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 1+500 to Sta.2+000	21d	27-Dec-14 A	06-Jan-15 A															
UDS-CS-30	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 2+000 to Sta.3+000	6d	20-Dec-14 A	11-Feb-15 A															
UDS-CS-30 F	Review & Approval of Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 2+000 to Sta.3+000	21d	11-Feb-15 A	08-Apr-15 A															
UDS-CS-40	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 3+000 to Sta.4+000	6d	28-Dec-14 A	11-Feb-15 A															
UDS-CS-40 F	Review & Approval of Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 3+000 to Sta.4+000	21d	11-Feb-15 A	08-Apr-15 A															
UDS-CS-50	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 4+000 to Sta.5+00	6d	21-Jan-15 A	11-Feb-15 A															
UDS-CS-50 F	Review & Approval of Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 4+000 to Sta.5+00	21d	11-Feb-15 A	08-Apr-15 A															
UDS-CS-55	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 5+000 to Sta.5+597	6d	21-Jan-15 A	11-Feb-15 A															
UDS-CS-55 F	Review & Approval of Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 5+000 to Sta.5+597	21d	11-Feb-15 A	08-Apr-15 A															
Connect to the existing		44d	25-Jan-15 A	09-Feb-15 A															
UDS-CS-240	Prep. & Sub. Shop drawing for Cut-in Connect to existing 500mm DIP as per A/CD-0001 and 6" (Southern Connection)	10d	25-Jan-15 A	31-Jan-15 A															
UDS-CS-240	Review & Approval of Shop drawing for Cut-in Connect to existing 500mm DIP as per A/CD-0001 6" (Southern Connectio	21d	31-Jan-15 A	09-Feb-15 A															
UDS-CS-250	Prep. & Sub. Shop drawing for Connect to Existing 500mm DIP as per detail B/CD-0001 (Northen Connection)	10d	25-Jan-15 A	31-Jan-15 A															
UDS-CS-250	Review & Approval of Shop drawing for Connect to Existing 500mm DIP as per detail B/CD-0001 (Northen Connection)	21d	31-Jan-15 A	09-Feb-15 A															
Civil Shopdrawing		35d	20-Apr-15 A	09-Jun-15	98d														
UDS-CS-260	Prep. & Sub. Shop drawing for Roads	10d	20-Apr-15 A	30-Apr-15 A															
UDS-CS-260 R8	Review & Approval of Shop drawing for Roads	21d	30-Apr-15 A	09-Jun-15	81d														
Al-Safi Shopdrawing		105d	10-Dec-14 A	25-Feb-15 A															
UDS-CS-280	Prep. & Sub. Shop drawing for connection of DN400 steel pipe to DN900 existing DIP	10d	10-Dec-14 A	25-Jan-15 A															
UDS-CS-280 R8	Review & Approval of Shop drawing for connection of DN400 steel pipe to DN900 existing DIP	21d	25-Jan-15 A	03-Feb-15 A															
UDS-CS-290	Prep. & Sub. Shop drawing for Steel Pipe Tank Connection	10d	20-Jan-15 A	25-Jan-15 A															
UDS-CS-290 R8	Review & Approval of Shop drawing for Steel Pipe Tank Connection	21d	25-Jan-15 A	03-Feb-15 A															
UDS-CS-300	Prep. & Sub. Shop drawing for Flow Monitoring & Flow Control Valve Assembly	12d	26-Jan-15 A	10-Feb-15 A															
UDS-CS-300 R8	Review & Approval of Shop drawing for Flow Monitoring & Flow Control Valve Assembly	21d	10-Feb-15 A	25-Feb-15 A															
UDS-CS-310	Prep. & Sub. Shop drawing for 300mm and 400mm BFV chambers	6d	27-Jan-15 A	08-Feb-15 A															
UDS-CS-310 R8	Review & Approval of Shop drawing for 300mm and 400mm BFV chambers	21d	08-Feb-15 A	10-Feb-15 A															
UDS-CS-320	Prep. & Sub. Shop drawing for Instrumentations	10d	25-Jan-15 A	01-Feb-15 A															
UDS-CS-320 R8	Review & Approval of Shop drawing for Instrumentations	21d	01-Feb-15 A	09-Feb-15 A															
Material Submittals		125d	10-Nov-14 A	26-Mar-15 A															
Mechanical Material Submittals		103d	16-Nov-14 A	04-Mar-15 A															
UDS-MMS-010	Prep. & Sub. 500mm Steel Pipes	5d	16-Nov-14 A	02-Dec-14 A															
UDS-MMS-010-I	Review & Approval of 500 mm Steel Pipes	21d	02-Dec-14 A	08-Dec-14 A															
UDS-MMS-020	Prep. & Sub. Butterfly Valve	5d	16-Nov-14 A	07-Dec-14 A															
UDS-MMS-020-I	Review & Approval of Butterfly Valve	21d	07-Dec-14 A	16-Dec-14 A															

■ Actual Work
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015														
						Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct		
UDS-CMS-80-RA	Review & Approval of Manhole Rungs	21d	10-Dec-14 A	15-Dec-14 A																
UDS-CMS-90	Prep. & Sub. Asphalt Mix Design	7d	01-Dec-14 A	08-Dec-14 A																
UDS-CMS-90-RA	Review & Approval of Asphalt Mix Design	21d	08-Dec-14 A	10-Dec-14 A																
UDS-CMS-91	Prep. & Sub. Prime Coat and Tack Coat	4d	23-Mar-15 A	26-Mar-15 A																
UDS-CMS-91-RA	Review & Approval of Prime Coat and Tack Coat	21d	26-Mar-15 A	26-Mar-15 A																
Electrical Material Submittals		41d	10-Nov-14 A	04-Feb-15 A																
UDS-EMS-10	Prep. & Sub. Pressure differential switches	9d	06-Dec-14 A	29-Jan-15 A																
UDS-EMS-10-RA	Review & Approval of Pressure differential switches	21d	29-Jan-15 A	04-Feb-15 A																
UDS-EMS-30	Prep. & Sub. Cathode protection: Anodes, Test Stations	5d	11-Dec-14 A	14-Dec-14 A																
UDS-EMS-30-RA	Review & Approval of Cathode protection: Anodes, Test Stations	21d	14-Dec-14 A	29-Dec-14 A																
UDS-EMS-40	Prep. & Sub. Cathode protection: Accessories, flanges insulating kit and Link Seal	5d	11-Dec-14 A	14-Dec-14 A																
UDS-EMS-40-RA	Review & Approval of Cathode protection: Accessories, flanges insulating kit and Link Seal	21d	14-Dec-14 A	29-Dec-14 A																
UDS-EMS-50	Prep. & Sub. Pressure Transmitters	5d	30-Nov-14 A	08-Dec-14 A																
UDS-EMS-50-RA	Review & Approval of Pressure Transmitters	21d	08-Dec-14 A	22-Dec-14 A																
UDS-EMS-60	Prep. & Sub. Magnetic flow-meters	5d	06-Dec-14 A	21-Jan-15 A																
UDS-EMS-60-RA	Review & Approval of Magnetic flow-meters	21d	21-Jan-15 A	03-Feb-15 A																
UDS-EMS-70	Prep. & Sub. Magnetic flow-meters for Al-Safi	5d	10-Nov-14 A	13-Nov-14 A																
UDS-EMS-70-RA	Review & Approval of Magnetic flow-meters for Al-Safi	21d	13-Nov-14 A	25-Nov-14 A																
Method Statement		172d	10-Nov-14 A	31-May-15 A																
UDS-MS-009	Prep. & Sub. Method statement for testing of existing pipeline	5d	04-Dec-14 A	27-Dec-14 A																
UDS-MS-009-RA	Review & Approval of Method statement for testing of existing pipeline	21d	27-Dec-14 A	05-Jan-15 A																
UDS-MS-010	Prep. & Sub. Pipeline installation method statement	5d	10-Nov-14 A	03-Dec-14 A																
UDS-MS-010-RA	Review & Approval of Pipeline installation method statement	21d	03-Dec-14 A	29-Dec-14 A																
UDS-MS-020	Prep. & Sub. Method Statement for Repairing Pipe Cement Mortar Lining	4d	17-Nov-14 A	25-Jan-15 A																
UDS-MS-020-RA	Review & Approval of Method Statement for Repairing Pipe Cement Mortar Lining	21d	25-Jan-15 A	29-Jan-15 A																
UDS-MS-030	Prep. & Sub. Method Statement for Radiographic Testing and safety plan	5d	22-Nov-14 A	25-Jan-15 A																
UDS-MS-030-RA	Review & Approval of Method Statement for Radiographic Testing and safety plan	21d	25-Jan-15 A	27-Jan-15 A																
UDS-MS-040	Prep. & Sub. Cathode protection: Installation method statement and Shop Drawing	5d	01-Feb-15 A	16-May-15 A																
UDS-MS-040-RA	Review & Approval of Cathode protection: Installation method statement and Shop Drawing	21d	16-May-15 A	31-May-15 A																
UDS-MS-050	Prep. & Sub. Coating procedure for exposed and/or inside manhole pipes and fittings	5d	06-Dec-14 A	27-Dec-14 A																
UDS-MS-050-RA	Review & Approval of Coating procedure for exposed and/or inside manhole pipes and fittings	21d	27-Dec-14 A	11-Jan-15 A																
UDS-MS-060	Prep. & Sub. Method Statement for Pipeline Testing and Disinfection	5d	12-May-15 A	17-May-15 A																
Miscellaneous		158d	16-Nov-14 A	04-Jun-15	70d															
UDS-MIS-10	Prep. & Sub. Welding Procedure	5d	16-Nov-14 A	12-Feb-15 A																
UDS-MIS-10-RA	Review & Approval of Welding Procedure	21d	12-Feb-15 A	04-Mar-15 A																
UDS-MIS-30	Prep. & Sub. Identification Tape	5d	16-Nov-14 A	22-Dec-14 A																
UDS-MIS-30-RA	Review & Approval of Identification Tape	21d	22-Dec-14 A	29-Dec-14 A																
UDS-MIS-50	Prep. & Sub. Water Quality Testing Lab	5d	12-May-15 A	17-May-15 A																
UDS-MIS-60	Prep. & Sub. Welding testing Labs e.g. Arc-Eyes (Visual) & Morex (RT)	5d	16-Nov-14 A	09-Dec-14 A																
UDS-MIS-60-RA	Review & Approval of Welding testing Labs e.g. Arc-Eyes (Visual) & Morex (RT)	21d	09-Dec-14 A	16-Dec-14 A																
UDS-MIS-70	Prep. & Sub. Proposed Welders for Welders Qualification Test - CVs	5d	17-Feb-15 A	15-Mar-15 A																
UDS-MIS-70-RA	Review & Approval of Proposed Welders for Welders Qualification Test - CVs	21d	15-Mar-15 A	18-Mar-15 A																
UDS-MIS-80	Prep. & Sub. Training Submittal (Qualification and Material)	5d	19-Apr-15 A	04-Jun-15	70d															
Procurement		113d	17-Dec-14 A	23-Jun-15	4d															
PRO-01	Order of 500 mm, 350mm, 150mm, 80mm Steel Pipes	2d	17-Dec-14 A	18-Dec-14 A																
PRO-1020	Manufacturing of 500 mm, 350mm, 150mm, 80mm Steel Pipes	50d	18-Dec-14 A	30-Mar-15 A																
PRO-1030	Delivery of 500 mm, 350mm, 150mm, 80mm Steel Pipes	2d	31-Mar-15 A	05-Apr-15 A																
PRO-1031	Order of Mechanical electrical fittings	2d	17-Jan-15 A	17-Feb-15 A																
PRO-1032	Manufacturing of Mechanical and electrical fittings	90d	17-Feb-15 A	23-Jun-15	4d															
Execution		251d	01-Dec-14 A	10-Oct-15	0d															
Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A		215d	01-Dec-14 A	10-Oct-15	0d															
Yatta Junction Traffic Control		85d	01-Dec-14 A	27-Jun-15	77d															
E-R880	Implementation of Traffic Control Plan at Yatta Junction and Bani Naim reservoir	2d	25-Jan-15 A	31-Jan-15 A																
E-R890	Maintain of Traffic Control Plan at Yatta Junction and Bani Naim reservoir	83d	31-Jan-15 A	27-Jun-15	19d															
Yatta Junction and Bani Naim Reservoir Service Connection		39d	31-Jan-15 A	19-Mar-15 A																
E-R120	Construction of Two Check Valve chamber as per detail A/M-0001 at Yatta Junction	15d	24-Feb-15 A	19-Mar-15 A																

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

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015														
						Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct		
E-R130	Construction of Bani Naim Reservoir Connection Chamber as per Detail A/M-0002	20d	31-Jan-15 A	18-Feb-15 A																
Testing of Existing Pipeline		7d	01-Dec-14 A	01-Jun-15	96d															
E-T-01	Clean, disinfect and test existing 500 mm DIP pipeline from Halhoul Regional Reservoir to connection	7d	01-Dec-14 A	01-Jun-15	96d															
Phase 1		65d	23-Mar-15 A	01-Jun-15	39d															
E-R100	Implementation of Traffic Control Plan Phase 1	2d	23-Mar-15 A	31-Mar-15 A																
E-R850	Maintain of Traffic Control Plan Phase 1	42d	31-Mar-15 A	01-Jun-15	39d															
Pipeline segment from Station 1+000 to station 2+000		51d	05-Apr-15 A	20-May-15 A																
Dual Trench 500mm and 150mm Pipelines and chambers		33d	05-Apr-15 A	10-May-15 A																
E-R140	Cut-in Connect to existing 500mm DIP as per detail A/CD-0001and 6" pipe (Southern Connection)	5d	07-May-15 A	07-May-15 A																
E-R150	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 1+000 to ST 2+000 includ. Cathode Protection Instal	20d	05-Apr-15 A	22-Apr-15 A																
E-R160	Construction of 150mm Gate Valve chamber at station 0+990	15d	29-Apr-15 A	05-May-15 A																
E-R170	Construction of 500mm BFV chamber at station 1+017 (Bani Na'im BFV Chamber 1)	15d	15-Apr-15 A	23-Apr-15 A																
E-R175	Construction of 200mm WO chamber at station 1+450 for 500mm pipe	15d	28-Apr-15 A	10-May-15 A																
E-R280	Construction of 150mm Gate Valve chamber at station 1+960	15d	30-Apr-15 A	05-May-15 A																
80mm pipes and chambers		18d	03-May-15 A	20-May-15 A																
E-R200	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+360	1d	03-May-15 A	05-May-15 A																
E-R210	Construction of 80mm Gate Valve chamber at station 1+360	15d	03-May-15 A	05-May-15 A																
E-R220	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+440	1d	04-May-15 A	05-May-15 A																
E-R230	Construction of 80mm Gate Valve chamber at station 1+440	15d	04-May-15 A	05-May-15 A																
E-R240	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+820	1d	19-May-15 A	19-May-15 A																
E-R250	Construction of 80mm Gate Valve chamber at station 1+820	15d	20-May-15 A	20-May-15 A																
E-R260	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+960	1d	03-May-15 A	05-May-15 A																
E-R270	Construction of 80mm Gate Valve chamber at station 1+960	15d	03-May-15 A	05-May-15 A																
Phase 2		73d	20-Apr-15 A	16-Jul-15	32d															
Pipeline segment from Station 2+000 to station 3+000		73d	20-Apr-15 A	16-Jul-15	32d															
E-R830	Implementation of Traffic Control Plan Phase 2	2d	20-Apr-15 A	22-Apr-15 A																
E-R860	Maintain of Traffic Control Plan Phase 2	73d	22-Apr-15 A	16-Jul-15	32d															
Dual Trench 500mm and 150mm Pipelines and chambers		20d	22-Apr-15 A	07-May-15 A																
E-R300	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 2+000 to ST 3+000 includ. Cathode Protection Instal	20d	22-Apr-15 A	07-May-15 A																
80mm pipes and chambers		18d	17-May-15 A	19-May-15 A																
E-R310	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 2+370	1d	17-May-15 A	19-May-15 A																
E-R320	Construction of 80mm Gate Valve chamber at station 2+370	15d	18-May-15 A	19-May-15 A																
Pipeline segment from Station 3+000 to station 4+000		34d	07-May-15 A	28-May-15 A																
Dual Trench 500mm and 150mm Pipelines and chambers		33d	07-May-15 A	23-May-15 A																
E-R330	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 3+000 to ST 4+000 includ. Cathode Protection Instal	20d	07-May-15 A	19-May-15 A																
E-R340	Construction of 150mm Gate Valve chamber at station 3+050	15d	21-May-15 A	23-May-15 A																
E-R350	Construction of 500mm BFV chamber at station 3+050 (500mm isolation chamber 2)	15d	10-May-15 A	21-May-15 A																
E-R360	Construction of 75mm AVAR chamber at station 3+139 for 150mm pipe	15d	20-May-15 A	23-May-15 A																
E-R370	Construction of 100mm AVAR chamber at station 3+030 for 500mm pipe	15d	20-May-15 A	23-May-15 A																
E-R400	Construction of Flow Meter Monitoring chamber at station 3+420	15d	07-May-15 A	17-May-15 A																
80mm pipes and chambers		28d	18-May-15 A	28-May-15 A																
E-R380	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+245	1d	18-May-15 A	26-May-15 A																
E-R390	Construction of 80mm Gate Valve chamber at station 3+245	15d	24-May-15 A	26-May-15 A																
E-R430	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+530	1d	26-May-15 A	28-May-15 A																
E-R440	Construction of 80mm Gate Valve chamber at station 3+530	15d	26-May-15 A	28-May-15 A																
Phase 3		105d	28-Mar-15 A	10-Oct-15	0d															
Pipeline segment from Station 4+000 to station 5+000		105d	17-May-15 A	10-Oct-15	0d															
E-R840	Implementation of Traffic Control Plan Phase 3 (Area C)	2d	17-May-15 A	19-May-15 A																
E-R870	Maintain of Traffic Control Plan Phase 3 (Area C)	96d	19-May-15 A	10-Oct-15	0d															
Dual Trench 500mm and 150mm Pipelines and chambers		20d	19-May-15 A	07-Jun-15	2d															
E-R530	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 4+000 to ST 5+000 includ. Cathode Protection Instal	20d	19-May-15 A	07-Jun-15	2d															
Pipeline segment from Station 5+000 to station 5+579		20d	28-Mar-15 A	20-Apr-15 A																
Dual Trench 500mm and 150mm Pipelines and chambers		20d	28-Mar-15 A	20-Apr-15 A																
E-R800	Construction of Ras At-Tawil Emergency Service Connection Chamber at Station 5+570 as per detail M-0003	20d	28-Mar-15 A	20-Apr-15 A																
Mechanical Electrical installation		20d	05-May-15 A	11-Jun-15	73d															
Cathodic Protection		20d	05-May-15 A	11-Jun-15	73d															

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



Annex M:

Progress S-Curve versus Actual



USAID WEST BANK - GAZA - Local Construction Program (LCP)

CONTRACT NO. AID-294-I-13-00002

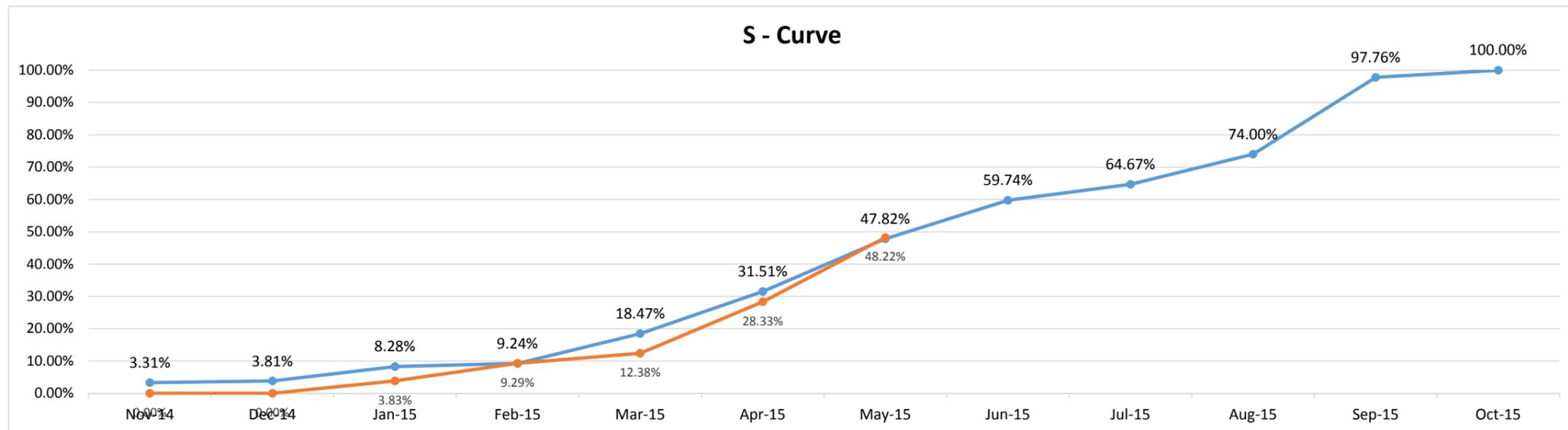
TASK ORDER NO. AID-294-TO-14-00002

Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi
Booster Station - Phase I Pipeline Connection



Progress S-Curve

Date	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
Planned Value	\$ 140,549.57	\$ 21,082.43	\$ 189,800.00	\$ 40,466.68	\$ 391,640.94	\$ 553,574.11	\$ 691,801.93	\$ 505,888.19	\$ 209,189.10	\$ 395,624.14	\$ 1,008,234.66	\$ 94,984.25
Planned Value (Accumulative)	\$ 140,549.57	\$ 161,632.00	\$ 351,432.00	\$ 391,898.68	\$ 783,539.62	\$ 1,337,113.73	\$ 2,028,915.66	\$ 2,534,803.85	\$ 2,743,992.95	\$ 3,139,617.09	\$ 4,147,851.75	\$ 4,242,836.00
Planned %	3.31%	0.50%	4.47%	0.95%	9.23%	13.05%	16.31%	11.92%	4.93%	9.32%	23.76%	2.24%
Planned % (Accumulative)	3.31%	3.81%	8.28%	9.24%	18.47%	31.51%	47.82%	59.74%	64.67%	74.00%	97.76%	100.00%
Actual Value	\$ -	\$ -	\$162,632.00	\$231,340.00	\$131,301.00	\$676,541.19	\$844,167.33					
Actual Value (Accumulative)	\$ -	\$ -	\$162,632.00	\$ 393,972.00	\$ 525,273.00	\$ 1,201,814.19	\$ 2,045,981.52					
Actual %	0.00%	0.00%	3.83%	5.45%	3.09%	15.95%	19.90%					
Actual % (Accumulative)	0.00%	0.00%	3.83%	9.29%	12.38%	28.33%	48.22%					



Task Order Total Amount	\$ 4,462,836.00
Daywork amount	\$ 220,000.00
BOQ items amount	\$ 4,242,836.00
Project Duration :	360.00
NTP Date:	4-Nov-14



Annex N:

Approved Original CPM schedule and Narrative report



UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT
WEST BANK / GAZA

LOCAL CONSTRUCTION PROGRAM
(LCP)

CMC: BLACK & VEATCH

Original CPM Schedule Submittal

Prepared by:



Contract No: AID-294-I-13-00002
Task Order No: AID-294-TO-14-00002

Narrative report

1. Task Order Overview:

1.1. Background

The USAID West Bank and Gaza, Local Construction Program (LCP) is designed to support U.S. Government efforts with the peace process by improving Palestinian access to basic infrastructure and services throughout the West Bank, and if conditions and funding permit, in Gaza.

Water Infrastructure in the West Bank suffers from years of neglect and lack of investment. The USAID Mission's Local Construction Program (LCP) focuses on the rehabilitation or construction of roads, water, wastewater, and buildings construction projects. This project is the first water project under Local Construction Program (LCP).

1.2. Project Objective

The objective of this task order is to improve water supply distribution capacity and flexibility in the West Bank Water Department's (WBWD) southern area of operations. Specifically the project will improve distribution of water from the Halhul Reservoir and improve supply to Bani Naim and Yatta.

1.3. Statement Of Work

- Installation of approximately 5 km of 500-mm diameter steel pipe transmission main from Halhul connection to Bani Naim connection along the Bani Naim – Sair – Al-'Uddeisa Road.
- Installation of approximately 5 km of 150-mm diameter steel pipe supply pipeline.
- Installation of related accessories including a service connection to Bani Naim Reservoir and three flow meter vaults.
- Construction of emergency service connections at Ras at Tawil & Al 'Uddeisa villages.
- Installation of 16-inch yard-pipe connection from an adjacent 36-inch PWA supply pipeline to the Al Safi Booster Station balance tank.
- Installation of related accessories at the Al Safi Booster Station including valves, and minor electrical/SCADA improvements.

1.4. Overview Map

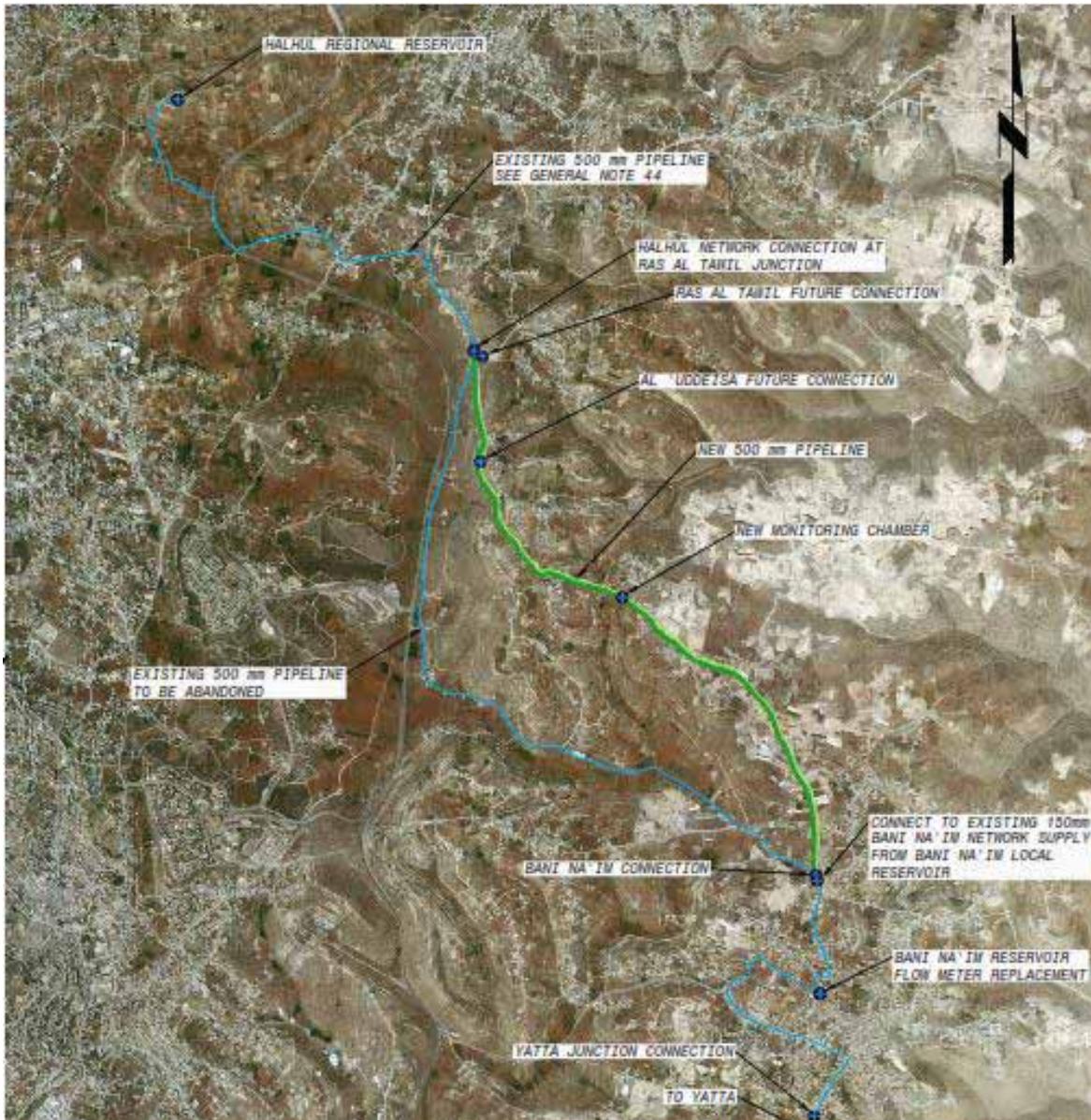
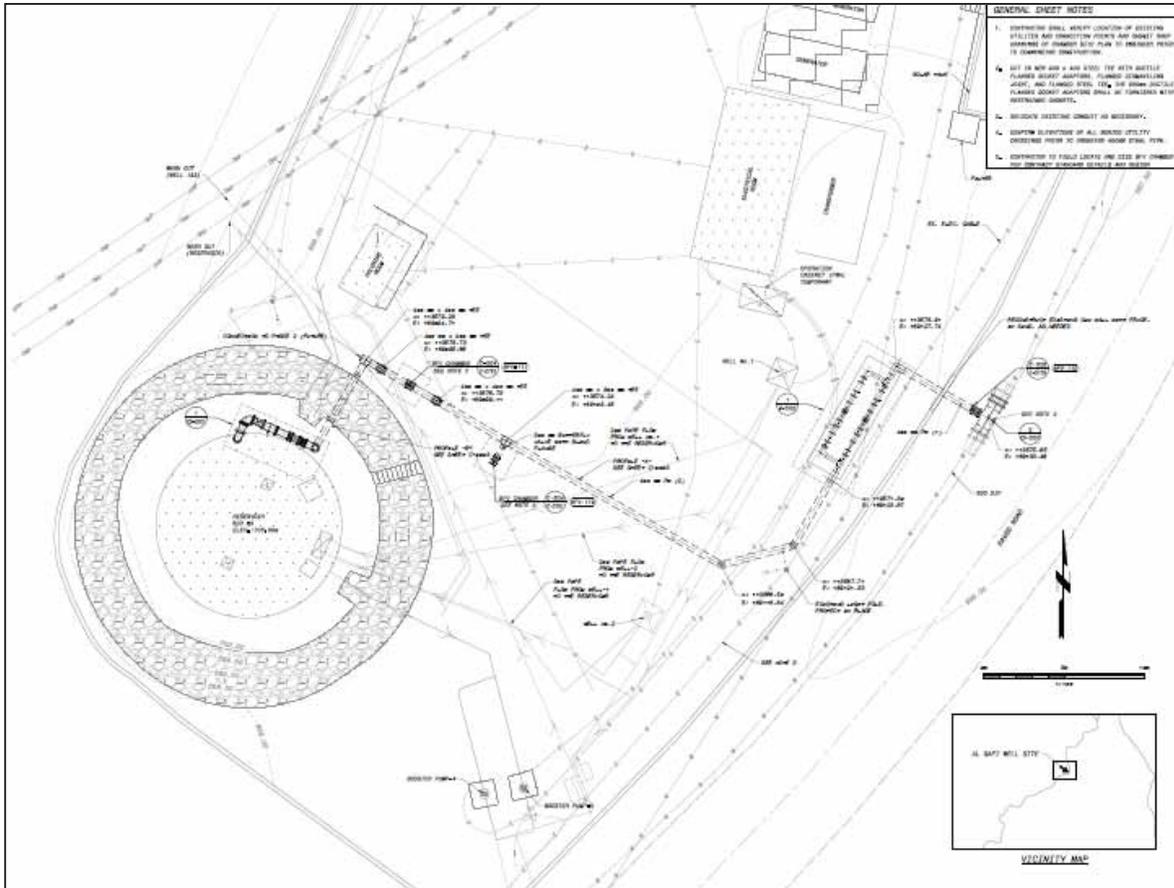


Figure 1: RAS AL TAWIL & AL 'UDEISA WATER INFRASTRUCTURE PHASE 1A



Figure 2: AL SAFI BOOSTER STATION – PHASE I PIPELINE CONNECTION



2. Task Order Key Data

Task Order Name	RAS AL TAWIL & AL 'UDDEISA WATER INFRASTRUCTURE PHASE 1A AND AL SAFI BOOSTER STATION – PHASE I PIPELINE CONNECTION
Contract Number	AID-294-I-13-00002
Task Order Number	AID-294-TO-14-00002
Owner	Palestinian Water Authority (PWA)
Client	USAID West Bank and Gaza
Contractor	Saqqa and Khoudary Co. Ltd. (SAK)
CMC	Black and Veatch (BV)
Task Order Contract Value	\$4,462,836.00
Project Total Amount	\$4,242,836.00
Day work amount	\$220,000.00
Modified Project Total Amount	---
Modified Day work Amount	---
Notice To Proceed	November 04, 2014
Period Of Performance	360 calendar day
Contractual Completion Date	October 29, 2015
Approved Time Extensions	---
Modified Completion Date	---
Start of Construction (Ground Breaking)	---

3. Contract Milestones:

The contractual milestones are:

Start Milestone - Notice to Proceed: November 04, 2014

Finish Milestone - Project Completion: October 29, 2015

4. Permits

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

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

5. Project Construction Area

- The project construction area distributed between Areas A, B and C. Therefore; Saqqa and Khoudary will implement a proactive performance of any and all coordination needed with the District Civil Liaison Office (DCL), Civil Administration Departments, Ma'atz (Israeli National Roads Company), the Israeli Police and any other relevant authority or utility that has jurisdiction over any portion of the construction works (work Segment from Station 3+880 to Station 5+597). Coordination includes, but is not limited to, any work needed to obtain approvals; coordinating the movement of personnel, equipment and materials to and from the project site; and any other coordination required by the relevant authorities to ensure no hindrance of the scheduled completion of the project in a timely manner.

- Time Schedule was built and coordinated with the traffic control plan, method statement and site restrains.
- The portion of work that is located within area C is work Segment from Station 3+880 to Station 5+597).

6. Traffic Control Plan

The Original CPM Schedule was built and coordinated with the traffic control plan, method statement and site restrains.

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

7. Safety Program:

Saqqa and Khoudary will post OSHA-required notices and establish safety programs prior to starting any work as per the approved safety plan and stated in section C.9.2 of basic IQC Contract; protect life, property and the environment with respect to all work performed under this IQC.

8. Period of Performance

The period of performance for this project '**RAS AL TAWIL & AL 'UDDEISA WATER INFRASTRUCTURE PHASE 1A AND AL SAFI BOOSTER STATION – PHASE I PIPELINE CONNECTION**' under this Task Order is 360 calendar days from the date of USAID's issuance of the Notice to Proceed (NTP) to the date of project completion and acceptance by USAID.

1. Task Order Constraints

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

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

9. SAK General approach and Work Plan

Sagga and Khoudary will execute and perform the aforementioned task order through its own resources and equipment.

SAK will use the CPM scheduling technique to plan, schedule, and tracking and control the performance of work prior, during, and after construction period of the project.

The Original Baseline Schedule comprise all the detailed construction-related activities using the critical path method (CPM). The Schedule provide sufficient detail and clarity to reflect the intricacies and interdependencies of activities so SAK can plan, schedule, monitor, control and report on the progress of his work. In addition, it shall provide the Engineer and Owner a tool to monitor and follow the progress for all phases of the Work.

The original CPM Schedule show detailed construction-related activities for the entire project including preconstruction, construction and post construction Phase, which consist of mobilization, permit acquisition, submittals necessary for material and equipment procurement, submittals necessary for long lead equipment procurement, shop drawing and method statement submittals. In addition to the required activities for commissioning, training and start up.

Sagga and Khoudary establish the original schedule as follows:

- The project was divided in to three main phases; Preconstruction Phase, Construction Phase and Post Construction phase, in addition to the general and intermediate milestones.
- The **Preconstruction Phase** consist the following:
 - List of Preconstruction Submittals activities that will be submitted during the mobilization period and prior to commencement of any construction activities.
 - List of mobilization activities that will be completed during the initial 30 days after Notice to Proceed (NTP).
 - Coordination activities were scheduled to start immediately after NTP.
- The **Construction Phase** consist the following activities:
 - Construction submittals that include material submittals activities for long lead items including 500mm pipes and fittings, Construction shop drawing submittals activities for pipelines and chambers, and construction method statement submittals.
 - Procurement activities are planned to be started immediately following approval of long lead items submittals.
 - Execution activities for the two project component
 - Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A
 - Al Safi Booster Station – Phase I Pipeline Connection
 - Training, commissioning and start up activities
- The **Post Construction Phase** consist the following activities:
 - Post Construction submittals that include warranties, operation and maintenance manual submittals activities.

For more details, please refer to the original Baseline schedule WBS.

10. Work Breakdown Structure WBS:

WBS Code	WBS Name
TO 14-02-UDSI-BL	Baseline - Ras Al Tawil & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi Booster Stat
TO 14-02-UDSI-BL.1	Milestones
TO 14-02-UDSI-BL.1.1	General Milestones
TO 14-02-UDSI-BL.1.2	Intermediate Milestones
TO 14-02-UDSI-BL.2	PreConstruction Phase
TO 14-02-UDSI-BL.2.MOB	Mobilization
TO 14-02-UDSI-BL.2.2	PreConstruction Submittals
TO 14-02-UDSI-BL.2.1	Traffic Control Plan, Coordination and Permits
TO 14-02-UDSI-BL.3	Construction Phase
TO 14-02-UDSI-BL.3.1	Construction Submittals
TO 14-02-UDSI-BL.3.1.1	Shopdrawing submittals
TO 14-02-UDSI-BL.3.1.1.1	Water Pipeline Shopdrawing
TO 14-02-UDSI-BL.3.1.1.1.1	500mm, 150mm and 80mm Pipes
TO 14-02-UDSI-BL.3.1.1.1.2	Connect to the existing
TO 14-02-UDSI-BL.3.1.1.2	Chambers Shopdrawing
TO 14-02-UDSI-BL.3.1.1.2.1	Gate Valve Chambers
TO 14-02-UDSI-BL.3.1.1.2.2	A/WAR Chambers
TO 14-02-UDSI-BL.3.1.1.2.3	WO Washout Chambers
TO 14-02-UDSI-BL.3.1.1.2.4	BFV Chambers
TO 14-02-UDSI-BL.3.1.1.2.5	Flow Meter Monitoring chamber
TO 14-02-UDSI-BL.3.1.1.2.6	Connection Chambers
TO 14-02-UDSI-BL.3.1.1.2.7	Check Valve Chambers
TO 14-02-UDSI-BL.3.1.1.5	Civil Shopdrawing
TO 14-02-UDSI-BL.3.1.1.3	Al-Safi Shopdrawing
TO 14-02-UDSI-BL.3.1.2	Material Submittals
TO 14-02-UDSI-BL.3.1.2.1	Mechanical Material Submittals
TO 14-02-UDSI-BL.3.1.2.2	Civil Material Submittals
TO 14-02-UDSI-BL.3.1.2.3	Electrical Material Submittals
TO 14-02-UDSI-BL.3.1.3	Method Statement
TO 14-02-UDSI-BL.3.1.4	Miscellaneous
TO 14-02-UDSI-BL.3.5	Procurement
TO 14-02-UDSI-BL.3.5.1	Procurement of Mechanical Pipes and Fittings
TO 14-02-UDSI-BL.3.5.2	Procurement of Electrical Materials
TO 14-02-UDSI-BL.3.2	Execution
TO 14-02-UDSI-BL.3.2.1	Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A
TO 14-02-UDSI-BL.3.2.1.3	Yatta Junction Traffic Control
TO 14-02-UDSI-BL.3.2.1.3.6	Yatta Junction and Bani Naim Reservoir Service Connection
TO 14-02-UDSI-BL.3.2.1.3.7	Testing of Existing Pipeline
TO 14-02-UDSI-BL.3.2.1.12	Phase 1
TO 14-02-UDSI-BL.3.2.1.12.1	Pipeline segment from Station 1+000 to station 2+000
TO 14-02-UDSI-BL.3.2.1.12.1.1	Dual Trench 500mm and 150mm Pipelines and chambers
TO 14-02-UDSI-BL.3.2.1.12.1.2	80mm pipes and chambers
TO 14-02-UDSI-BL.3.2.1.1	Phase 2
TO 14-02-UDSI-BL.3.2.1.1.2	Pipeline segment from Station 2+000 to station 3+000
TO 14-02-UDSI-BL.3.2.1.1.2.1	Dual Trench 500mm and 150mm Pipelines and chambers
TO 14-02-UDSI-BL.3.2.1.1.2.2	80mm pipes and chambers
TO 14-02-UDSI-BL.3.2.1.1.3	Pipeline segment from Station 3+000 to station 4+000
TO 14-02-UDSI-BL.3.2.1.1.3.1	Dual Trench 500mm and 150mm Pipelines and chambers
TO 14-02-UDSI-BL.3.2.1.1.3.2	80mm pipes and chambers
TO 14-02-UDSI-BL.3.2.1.2	Phase 3
TO 14-02-UDSI-BL.3.2.1.2.4	Pipeline segment from Station 4+000 to station 5+000
TO 14-02-UDSI-BL.3.2.1.2.5	Pipeline segment from Station 5+000 to station 5+597
TO 14-02-UDSI-BL.3.2.1.8	Mechanical Electrical Installation
TO 14-02-UDSI-BL.3.2.1.9	Reinstatement and Road Work
TO 14-02-UDSI-BL.3.2.1.11	Miscellaneous
TO 14-02-UDSI-BL.3.2.1.10	Testing, Training and Commissioning
TO 14-02-UDSI-BL.3.2.2	Al Safi Booster Station - Phase I Pipeline Connection
TO 14-02-UDSI-BL.3.2.2.1	Civil and Mechanical Work
TO 14-02-UDSI-BL.3.2.2.2	SCADA Programming
TO 14-02-UDSI-BL.3.2.2.3	Testing, Training and Commissioning
TO 14-02-UDSI-BL.4	Post Construction Phase
TO 14-02-UDSI-BL.4.1	Post Construction Submittals

11. Work Groups and Crews:

The construction work plan was established based on the following work groups and crews:

Works will be divided into 2 groups (multiple crews):

1. Group 1: Transmission Pipelines group

This work group will be responsible of all execution activities related to the installation of main and distribution pipelines and chambers including but not limited to; excavation, bedding, installation of water pipelines, backfilling, testing, construction of chambers, the list of work crews within this group and productivity rate are as follows:

- ✓ Testing for existing 500 mm DIP pipeline crew.
- ✓ Excavation, Bedding and Backfilling crew: 50-70 linear meters per day.
- ✓ Pipeline installation crew (500mm) including cathode protection and required testing during installation: 40-50 linear meters per day.
- ✓ Cast in-situ concrete chamber crew: 4-5 chambers per month
- ✓ Precast Concrete chamber: available as required.
- ✓ Concrete encasement crew: available as required.
- ✓ Road work crew:

This crew will be responsible of all road and reinstatement activities; including excavation, filling horizontal layer, spreading and compaction of sub base layers, spreading and compaction of base course layers, Supplying, spreading and compacting bituminous wearing course, concrete work and road marking.

- Sub Base crew: 1000 – 1200 m² per day
- Base course crew: 1000 – 1200 m² per day
- Asphalts restoration crew: 150 - 200 linear meters per day for trench asphalt restoration.
- Asphalt Crew: 2000 – 2200 m² of 50mm asphalt per day

2. Group 2: Instrumentations and SCADA

This work group will be responsible for all Instrumentation and SCADA system requirements

Note: the activity "E-M-01: Installation of all mechanical fittings and valves for Chambers - Phase 1" is for installation of mechanical and electrical component at chambers located within segment 1 and segment 2 from station 1+000 to Station 3+000 in addition to Yatta junction chambers and Bani Naim Chamber.

The activity "E-M-02: Installation of all mechanical fittings and valves for Chambers - Phase 2" is for installation of mechanical and electrical component at the remaining chambers from station 3+000 to Station 5+597

For more details regarding the Work Crews, Manpower and Equipment for each crew please refer to below table:



**INFRASTRUCTURE NEEDS PROGRAM INPI I
(LCP)**

Table-2: Resources (Manpower and Equipm

Work Activity	Prime Contractor/Subcontractor	Crew or number of crew	Manpower													Equipment (All Crews)																			
			Foreman	Surveyor	Operator/Driver	Carpenter	Steel Fixer	Steel Welder	Pipe Fitter	Technician or Skilled Labor	Unskilled Labor/Flagman	Survey Station	Saw Cut Machine	Trencher	Excavator C-330/C-350	Backhoe JCB	Crane	Bobcat	Wheel Loader	Dump Truck	Grader	120/or St. Small Compactor	Roller	Water Tank	Water Pump / Weld Testing Equipment	Concrete Mixer & Pump	Sprayer Truck	Finisher	Welding Machine	Testing Apparatus					
Asphalt/Road Reinstatement																																			
Asphalt/Road Reinstatement	SAK	1		5					4	5	2				1			1	1			1	1	1			1								
Group 2																																			
Electro-mechanical Works																																			
Instrumentations & SCADA works	SAK	1							3	2																									1

12. Sequence of work and logic Network:

- ✓ Based on the above-mentioned work groups and crews and the task order scope of work, the construction related activities was planned and sequence to minimize public disruption and to complete the project with the time frame.
- ✓ The execution activities were scheduled to be started following approval and implementation of traffic control plan and safety measures.
- ✓ The execution activities will be started following arrival of material and approval of all related construction submittals.
- ✓ The above work will be scheduled and sequenced to ensure continuous operation of the existing plant facilities as per specification section 01310 part 24.04.
- ✓ The project work will be divided into two separate work packages; one for installation of Ras Al Taweel & Al 'Uddeisa transmission pipeline and chambers, and another one for construction of Al Safi Booster Station – Phase I Pipeline Connection.
- ✓ The initial construction activities during the procurement process will be on the following items:
 - Al-Safi Connection: A 16-inch yard-pipe connection from an adjacent 36-inch PWA supply pipeline to the Al Safi Booster Station balance tank.
 - Testing of the existing 500mm pipeline.
 - Construction of Yatta Junction and Bani Naim Chambers.
- ✓ The work group of Ras Al Taweel & Al 'Uddeisa transmission pipeline and chambers will start work following delivery of 20" pipes and will start construction activities from Area A, at station 1+000 to allow sufficient time for coordination and approval of traffic control plan form Israeli authority at area B and C.
- ✓ The Group of work for construction of Al Safi Booster Station – Phase I Pipeline Connection will be started during the winter season to perform the 16-inch yard-pipe connection with an adjacent 36-inch PWA supply pipeline to the Al Safi Booster Station balance tank.
- ✓ The critical activities of the project passes through the submission and approval of long lead material items including 500mm pipes and fittings, procurement of such material and installation of 500mm pipes and fittings.
- ✓ The above work will be scheduled and sequenced to ensure continuous operation of the existing plant facilities as per specification section 01310 part 24.04.

13. Critical Path activities

Critical Activities.....40

Activity:	E-M-01	Installation of all mechanical fittings and valves for Chambers - Phase 1
Activity:	E-M-02	Installation of all mechanical fittings and valves for Chambers - Phase 2
Activity:	E-S-145	Site inspection/ Support/ Start up (Pre-commissioning)
Activity:	E-S-150	Training
Activity:	E-S-174	Testing and Commissioning of the entire system
Activity:	PCS1000	Warranties
Activity:	PCS1010	Site Hand over and Final Acceptance Certificate
Activity:	PCS1060	Release of Liens and Waiver of Debts and Claims letter
Activity:	PCS1070	Preparation of Final Payment
Activity:	PCS1080	Training Completion Documents
Activity:	PCS1090	Clearance Certificate from Local Authorities
Activity:	PRO-1031	Order of Mechanical electrical fittings
Activity:	PRO-1032	Manufacturing of Mechanical and electrical fittings
Activity:	PRO-1035	Delivery of Mechanical and electrical fittings
Activity:	UDS-A-001	Notice to Proceed (NTP)
Activity:	UDS-A-011	Completion of Task Order
Activity:	UDS-EMS-10	Prep. & Sub. Pressure differential switches
Activity:	UDS-EMS-50	Prep. & Sub. Pressure Transmitters
Activity:	UDS-EMS-60	Prep. & Sub. Magnetic flow-meters
Activity:	UDS-IA-02	Finish of Mobilization
Activity:	UDS-IA-03	Start of Pre-Construction Submittals
Activity:	UDS-MMS-010	Prep. & Sub. 500mm Steel Pipes
Activity:	UDS-MMS-020	Prep. & Sub. Butterfly Valve
Activity:	UDS-MMS-030	Prep. & Sub. Gate Valve
Activity:	UDS-MMS-040	Prep. & Sub. Combination Air Valve
Activity:	UDS-MMS-050	Prep. & Sub. Check Valve
Activity:	UDS-MMS-060	Prep. & Sub. Flow Control Valve
Activity:	UDS-MMS-070	Prep. & Sub. Pressure Relief Valve
Activity:	UDS-MMS-080	Prep. & Sub. Strainer
Activity:	UDS-MMS-090	Prep. & Sub. Combined flow control and Pressure Reducing Valve
Activity:	UDS-MMS-110	Prep. & Sub. Dismantling joints
Activity:	UDS-MMS-120	Prep. & Sub. Mechanical coupling & socket adapters
Activity:	UDS-MMS-140	Prep. & Sub. Float (level) control valves
Activity:	UDS-MMS-170	Prep. & Sub. Bolts, studs, nuts, and washers
Activity:	UDS-MMS-180	Prep. & Sub. Flanges
Activity:	UDS-MMS-180-RA	Review & Approval of Flanges
Activity:	UDS-MOB-04	Supply and install Field Office Computer Systems and IT Equipments
Activity:	UDS-PC-SUB-07	Preparation & Submit Engineer's Field Office Location and Layout
Activity:	UDS-PC-SUB-09	Preparation & Submit Field Office Computer Systems and Miscellaneous
Activity:	UDS-PC-SUB-09-R&A	Review & Approval of Field Office Computer Systems and Miscellaneous

14. Scheduling assumptions

14.1. Project Constraint:

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

Activity Name	Constraint
Start Milestone - Notice to Proceed	November 04, 2014
Finish Milestone - Project Completion:	October 29, 2015
Preparation & Submit Copy of Bank Guarantee Certificates	Within (14) calendar days after the date of Task Order award
Preparation & Submit Scheduling Qualification Submittal	within 10 Days after Notice to Proceed
Preparation & Submit Key Staff	Due no later than 14 days NTP
Preparation & Submit Quality Control Plan with Testing Lab C.V	Due no later than 30 days after issuance of Notice to Proceed and prior to commencement of any construction activity.
Preparation & Submit Safety Plan	Due no later than 45 days after issuance of NTP and prior to commencement of any construction activity.
Preparation & Submit Traffic Control Plan	Due prior to commencement of any construction activity.
Preparation & Submit Environmental Monitoring and Mitigation Plan	Due no later than 45 days after issuance of NTP, and prior to commencement of any construction activity.
Preparation & Submit Original CPM Construction Schedule	Due no later than 45 days after issuance of NTP

14.2. Activity Codes:

A: General Milestone
 IA: Intermediate Milestone
 MOB: Mobilization
 PC-SUB: Preconstruction Submittals
 R&A: Review and Approval
 COR: Coordination activities
 CS: Construction Submittals
 MMS: Mechanical Material Submittals
 CMS: Civil Material Submittals
 EMS: Electrical Material Submittals
 MS: Method Statement submittals
 MIS: Miscellaneous
 PRO: Procurement
 E: Execution activities
 PCS: Post Construction Submittals

14.3. Calendars:

Three types of calendars were used for the original CPM schedule as follows:

- 7-Day Workweek (without holidays): for Milestones activities

- Working Days: 7 days / week.
- Working Hours: 8 hours / day.
- UDSI - 6 Day Work: for Contractor's activities:
 - Working Days: 6 days / week
 - Working Hours: 8 hours / day
 - Weekly Holiday: Friday
 - Including local holidays listed below.
 - Including rainy days listed below.
- UDSI - 5 Day Work: for Engineer's activities:
 - Working Days: 5 days / week
 - Working Hours: 8 hours / day
 - Weekly Holiday: Friday and Saturday.
 - Including local holidays listed below.
- Working Hours (Normal): 8 hours / day,
- Working Hours during month of Ramadan: Saturday – Thursday, 5 hours / day,
 During the Ramadan period, the Governmental Authorities, utility agencies, and many other organizations work short hours, normally from 9:00 a.m. to 2:00 p.m. (unless otherwise announced by the Palestinian Government). Traffic patterns change at this time. SAK will accommodate and revise their operations during this period according to their actual working hour requirements.
- Official Palestinian Holidays:
 - ✓ November 15, 2014: Independence Day (Palestinian State Declaration)
 - ✓ December 25, 2014: Christmas Day (Western calendar).
 - ✓ January 01, 2015: National Day
 - ✓ April 12, 2015: Easter Day (Eastern)
 - ✓ May 01, 2015: Labor Day (International)
 - ✓ July 18 to July 20, 2015: Eid al-Fitr (Feast of Breaking the Fast)
 - ✓ September 23 to September 27, 2015: Eid al-Adha (Feast of the Sacrifice)
 - ✓ November 15, 2015: Independence Day (Palestinian State Declaration)
 - ✓ December 25, 2015: Christmas Day (Western calendar).
 - ✓ Any public holiday that falls on a Friday will be taken on a Thursday but if that Thursday is part of the holiday then the preceding non-holiday day will be taken instead
 - ✓ Any public holiday that falls on a Saturday (for UDSI - 5 Day Work) will be taken on a Sunday but if that Sunday is part of the holiday then the following non-holiday day will be taken instead
- Weather Delays:
 The project geographic area has a rainy weather season. SAK is familiar with local climatological conditions and adjust the schedule accordingly. The weather data will be obtained during construction from a reputable source and will be reported on the daily joint reports. The CPM schedule includes 12 days of delay in accordance with FAR 52.236-3.
 - ✓ Two days during November 2014: November 23 and 24, 2014.
 - ✓ Two days during December 2014: December 15 and 16, 2014.
 - ✓ Five days during January 2015: January 3, 4, 7, 8, and 10, 2015.
 - ✓ Two days during February 2015: February 5, 7, 2015.
 - ✓ One day during March 2015: March 5, 2015.



14.4. Duration Estimates:

The activities included in the CPM Schedule defined in work days. Durations based on the labor (crafts), equipment, and materials required performing each activity on a normal workday basis. Maximum Activity durations is 20 working days or less except in the case of non-construction activities such as procurement of materials and delivery of equipment. Duration estimate based on the Productivity rates mentioned above. For submittal review activities, the original duration was established to be 21 working days associated with project calendar of 5 day work week, which is equal to 30 calendar days as per contract specifications

14.5. Primavera Setting

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

14.6. Scheduling setting

- SchedulingYes
- LevelingNo
- Ignore relationships to and from other projectsNo
- Make open-ended activities criticalNo
- Use Expected Finish DatesYes
- Schedule automatically when a change affects datesNo
- Level resources during schedulingNo
- Recalculate assignment costs after schedulingNo
- When scheduling progressed activities useRetained Logic
- Calculate start-to-start lag fromEarly Start
- Define critical activities as Total Float less than or equal to 0
- Compute Total Float asFinish Float
- Calculate float based on finish date ofEach project
- Calendar for scheduling Relationship LagPredecessor Activity Calendar
- Advanced
-
- Calculate multiple float paths.....No

14.7. Scheduling Statistics:

# Projects.....	1
# Activities.....	385
# Not Started.....	385
# In Progress.....	0
# Completed.....	0
# Relationships.....	864
# Activities with Constraint.....	10
Activity: UDS-A-001	Notice to Proceed (NTP)
Activity: UDS-A-011	Completion of Task Order
Activity: UDS-IA-02	Finish of Mobilization
Activity: UDS-PC-SUB-02	Preparation & Submit Scheduling Qualification Submittal
Activity: UDS-PC-SUB-03	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)
Activity: UDS-PC-SUB-10	Preparation & Submit Quality Control Plan with Testing Lab C.V
Activity: UDS-PC-SUB-11	Preparation & Submit Safety Plan
Activity: UDS-PC-SUB-13	Preparation & Submit Environmental Monitoring and Mitigation Plan
Activity: UDS-PC-SUB-15	Preparation & Submit Original CPM Construction Schedule
Activity: UDS-PC-SUB-15-R&A	Review & Approval of Original CPM Construction Schedule

Graphical Report for: Critical Path Activities

Activity ID	Activity Name	Start	Finish	Critical	Total Float	2015												2016	
						Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Baseline - Ras Al Tawil & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi Booster Station						29-Oct-15, Baseline													
Milestones						29-Oct-15, Mileston													
General Milestones						29-Oct-15, General													
UDS-A-001	Notice to Proceed (NTP)	04-Nov-14*	29-Oct-15	✓	0.00	◆ Notice to Proceed (NTP)													
UDS-A-011	Completion of Task Order	04-Nov-14	29-Oct-15*	✓	0.00	◆ Completion of Task													
Intermediate Milestones						04-Dec-14, Intermediate Milest...													
UDS-IA-02	Finish of Mobilization	04-Nov-14	04-Dec-14*	✓	0.00	◆ Finish of Mobilization													
UDS-IA-03	Start of Pre-Construction Submittals	04-Nov-14	04-Dec-14	✓	0.00	◆ Start of Pre-Construction Subm...													
PreConstruction Phase						03-Dec-14, PreConstruction Pha...													
Mobilization						03-Dec-14, Mobilization													
UDS-MOB-04	Supply and install Field Office Computer Systems and IT Equipments	02-Dec-14	03-Dec-14	✓	0.00	▼ Supply and install Field Offic...													
PreConstruction Submittals						01-Dec-14, PreConstruction Sub...													
UDS-PC-SUB-07	Preparation & Submit Engineer's Field Office Location and Layout	04-Nov-14	05-Nov-14	✓	0.00	◆ Preparation & Submit Engineer'...													
UDS-PC-SUB-09	Preparation & Submit Field Office Computer Systems and Miscellaneous	04-Nov-14	09-Nov-14	✓	0.00	◆ Preparation & Submit Field Off...													
UDS-PC-SUB-09-R&A	Review & Approval of Field Office Computer Systems and Miscellaneous	10-Nov-14	01-Dec-14	✓	0.00	◆ Review & Approval of Field Off...													
Construction Phase						29-Oct-15, Constru													
Construction Submittals						18-Feb-15, Construction Submit...													
Material Submittals						18-Feb-15, Material Submittals													
Mechanical Material Submittals						18-Feb-15, Mechanical Material...													
UDS-MMS-010	Prep. & Sub. 500mm Steel Pipes	16-Nov-14	20-Nov-14	✓	0.00	◆ Prep. & Sub. 500mm Steel Pipes													
UDS-MMS-020	Prep. & Sub. Butterfly Valve	16-Nov-14	20-Nov-14	✓	0.00	◆ Prep. & Sub. Butterfly Valve													
UDS-MMS-030	Prep. & Sub. Gate Valve	06-Dec-14	10-Dec-14	✓	0.00	◆ Prep. & Sub. Gate Valve													
UDS-MMS-040	Prep. & Sub. Combination Air Valve	22-Dec-14	28-Dec-14	✓	0.00	◆ Prep. & Sub. Combination Air V...													
UDS-MMS-050	Prep. & Sub. Check Valve	22-Dec-14	06-Jan-15	✓	0.00	◆ Prep. & Sub. Check Valve													
UDS-MMS-060	Prep. & Sub. Flow Control Valve	06-Dec-14	10-Dec-14	✓	0.00	◆ Prep. & Sub. Flow Control Valv...													
UDS-MMS-070	Prep. & Sub. Pressure Relief Valve	08-Dec-14	21-Dec-14	✓	0.00	◆ Prep. & Sub. Pressure Relief V...													
UDS-MMS-080	Prep. & Sub. Strainer	22-Nov-14	29-Nov-14	✓	0.00	◆ Prep. & Sub. Strainer													
UDS-MMS-090	Prep. & Sub. Combined flow control and Pressure Reducing Valve	22-Dec-14	28-Dec-14	✓	0.00	◆ Prep. & Sub. Combined flow con...													
UDS-MMS-110	Prep. & Sub. Dismantling joints	22-Nov-14	29-Nov-14	✓	0.00	◆ Prep. & Sub. Dismantling joint...													
UDS-MMS-120	Prep. & Sub. Mechanical coupling & socket adapters	22-Dec-14	28-Dec-14	✓	0.00	◆ Prep. & Sub. Mechanical coupl...													
UDS-MMS-140	Prep. & Sub. Float (level) control valves	29-Dec-14	06-Jan-15	✓	0.00	◆ Prep. & Sub. Float (level) con...													
UDS-MMS-170	Prep. & Sub. Bolts, studs, nuts, and washers	11-Jan-15	14-Jan-15	✓	0.00	◆ Prep. & Sub. Bolts, studs, nut...													
UDS-MMS-180	Prep. & Sub. Flanges	15-Jan-15	20-Jan-15	✓	0.00	◆ Prep. & Sub. Flanges													
UDS-MMS-180-RA	Review & Approval of Flanges	21-Jan-15	18-Feb-15	✓	0.00	◆ Review & Approval of Flanges													
Electrical Material Submittals						17-Dec-14, Electrical Material...													
UDS-EMS-10	Prep. & Sub. Pressure differential switches	06-Dec-14	17-Dec-14	✓	0.00	◆ Prep. & Sub. Pressure differen...													
UDS-EMS-50	Prep. & Sub. Pressure Transmitters	30-Nov-14	04-Dec-14	✓	0.00	◆ Prep. & Sub. Pressure Transmit...													
UDS-EMS-60	Prep. & Sub. Magnetic flow-meters	06-Dec-14	10-Dec-14	✓	0.00	◆ Prep. & Sub. Magnetic flow-met...													
Procurement						04-Aug-15, Procurement													
PRO-1031	Order of Mechanical electrical fittings	19-Feb-15	22-Feb-15	✓	0.00	◆ Order of Mechanical electrical...													
PRO-1032	Manufacturing of Mechanical and electrical fittings	23-Feb-15	08-Jul-15	✓	0.00	◆ Manufacturing of Mechanical an...													
PRO-1035	Delivery of Mechanical and electrical fittings	08-Jul-15	04-Aug-15	✓	0.00	◆ Delivery of Mechanical and ele...													
Execution						29-Oct-15, Executi													
Ras Al Tawil & Al 'Uddeisa Water Infrastructure Phase 1A						29-Oct-15, Ras Al T													
Mechanical Electrical Installation						04-Oct-15, Mechanical E													
Mechanical Valves and Fittings						04-Oct-15, Mechanical V													
E-M-01	Installation of all mechanical fittings and valves for Chambers - Phase 1	04-Aug-15	01-Sep-15	✓	0.00	◆ Installation of all mechanical...													
E-M-02	Installation of all mechanical fittings and valves for Chambers - Phase 2	01-Sep-15	04-Oct-15	✓	0.00	◆ Installation of all mechan													
Testing, Training and Commissioning						29-Oct-15, Testing,													
E-S-145	Site inspection/ Support/ Start up (Precommissioning)	04-Oct-15	15-Oct-15	✓	0.00	◆ Site inspection/ Suppo													

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

Activity ID	Activity Name	Start	Finish	Critical	Total Float	2015												2016	
						Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Baseline - Ras Al Tawil Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi Booster Station						29-Oct-15, Baseline													
Milestones						29-Oct-15, Mileston													
General Milestones						29-Oct-15, General													
UDS-A-001	Notice to Proceed (NTP)	04-Nov-14	29-Oct-15		0.00	29-Oct-15, Notice to Proceed (NTP)													
UDS-A-011	Completion of Task Order	04-Nov-14*	29-Oct-15*	☑	0.00	29-Oct-15, Completion of Task													
Intermediate Milestones						29-Oct-15, Interme													
UDS-IA-01	Start of Mobilization	04-Nov-14	04-Dec-14*	☑	25.00	04-Dec-14, Start of Mobilization													
UDS-IA-02	Finish of Mobilization	04-Nov-14	04-Dec-14*	☑	0.00	04-Dec-14, Finish of Mobilization													
UDS-IA-03	Start of Pre-Construction Submittals	04-Nov-14		☑	0.00	04-Nov-14, Start of Pre-Construction Subm...													
UDS-IA-04	Finish of Pre-Construction Submittals	04-Nov-14	12-Jan-15		67.00	12-Jan-15, Finish of Pre-Construction Sub...													
UDS-IA-05	Start of Construction Submittals	14-Nov-14			2.00	14-Nov-14, Start of Construction Submitta...													
UDS-IA-06	Finish of Construction Submittals	04-Nov-14	04-May-15		177.00	04-May-15, Finish of Construction Submitt...													
UDS-IA-16	Start of Construction (Ground Breaking)	12-Mar-15			9.00	12-Mar-15, Start of Construction (Ground ...													
UDS-IA-20	Start of Construction of Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A	13-Jan-15			67.00	13-Jan-15, Start of Construction of Ras A...													
UDS-IA-26	Finish of Construction of Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A	04-Nov-14	04-Oct-15		11.00	04-Oct-15, Finish of Construction of													
UDS-IA-30	Start of Construction of Al Safi Booster Station – Phase I Pipeline Connection	13-Jan-15			267.00	13-Jan-15, Start of Construction of Al Sa...													
UDS-IA-36	Finish of Construction of Al Safi Booster Station – Phase I Pipeline Connection	04-Nov-14	04-Oct-15		11.00	04-Oct-15, Finish of Construction of													
UDS-IA-46	Project Duration	04-Nov-14	29-Oct-15		0.00	29-Oct-15, Project Duration													
PreConstruction Phase						12-Mar-15, PreConstruction Pha...													
Mobilization						03-Dec-14, Mobilization													
UDS-MOB-01	Pre-Construction Dilapidation Survey	04-Nov-14	09-Nov-14		18.00	09-Nov-14, Pre-Construction Dilapidation ...													
UDS-MOB-02	Provide, furnish and erect Temporary Project Signs	25-Nov-14	25-Nov-14		7.00	25-Nov-14, Provide, furnish and erect Tem...													
UDS-MOB-03	Supply and furnish Field Office Furniture and Miscellaneous	26-Nov-14	27-Nov-14		4.00	27-Nov-14, Supply and furnish Field Offic...													
UDS-MOB-04	Supply and install Field Office Computer Systems and IT Equipments	02-Dec-14	03-Dec-14	☑	0.00	03-Dec-14, Supply and install Field Offic...													
UDS-MOB-05	Arrange for and erect Contractor's work and Storage Yards	04-Nov-14	05-Nov-14		18.00	05-Nov-14, Arrange for and erect Contract...													
UDS-MOB-06	Moving onto the Sites of all Plant and equipments	06-Nov-14	09-Nov-14		18.00	09-Nov-14, Moving onto the Sites of all P...													
UDS-MOB-07	Post OSHA-required notices and establish safety programs	04-Nov-14	05-Nov-14		21.00	05-Nov-14, Post OSHA-required notices and...													
UDS-MOB-08	Installation of Temporary Facilities as per section 01500	04-Nov-14	09-Nov-14		18.00	09-Nov-14, Installation of Temporary Faci...													
UDS-MOB-09	Mobilization Summary	04-Nov-14	03-Dec-14		0.00	03-Dec-14, Mobilization Summary													
PreConstruction Submittals						12-Jan-15, PreConstruction Sub...													
UDS-PC-SUB-01	Preparation & Submit Copy of Bank Guarantee Certificates	04-Nov-14	04-Nov-14		77.00	04-Nov-14, Preparation & Submit Copy of B...													
UDS-PC-SUB-01-R&A	Review & Approval of Bank Guarantee Certificates	05-Nov-14	04-Dec-14		73.00	04-Dec-14, Review & Approval of Bank Guar...													
UDS-PC-SUB-02	Preparation & Submit Scheduling Qualification Submittal	04-Nov-14	04-Nov-14*		5.00	04-Nov-14, Preparation & Submit Scheduling...													
UDS-PC-SUB-02-R&A	Review & Approval of Scheduling Qualification Submittal	05-Nov-14	04-Dec-14		73.00	04-Dec-14, Review & Approval of Scheduling...													
UDS-PC-SUB-03	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)	05-Nov-14	06-Nov-14*		5.00	06-Nov-14, Preparation & Submit Prelimina...													
UDS-PC-SUB-03-R&A	Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation)	09-Nov-14	08-Dec-14		9.13	08-Dec-14, Review & Approval of Prelimina...													
UDS-PC-SUB-04	Preparation & Submit Submittals Schedule	04-Nov-14	05-Nov-14		34.13	05-Nov-14, Preparation & Submit Submittal...													
UDS-PC-SUB-04-R&A	Review & Approval of Submittals Schedule	06-Nov-14	07-Dec-14		31.13	07-Dec-14, Review & Approval of Submittal...													
UDS-PC-SUB-05	Preparation & Submit Key Staff	04-Nov-14	05-Nov-14		76.00	05-Nov-14, Preparation & Submit Key Staff													
UDS-PC-SUB-05-R&A	Review & Approval of Key Staff	06-Nov-14	07-Dec-14		72.00	07-Dec-14, Review & Approval of Key Staff													
UDS-PC-SUB-06	Preparation & Submit Project Temporary Signs	04-Nov-14	05-Nov-14		9.00	05-Nov-14, Preparation & Submit Project T...													
UDS-PC-SUB-06-R&A	Review & Approval of Project Temporary Signs	06-Nov-14	23-Nov-14		7.00	23-Nov-14, Review & Approval of Project T...													
UDS-PC-SUB-07	Preparation & Submit Engineer's Field Office Location and Layout	04-Nov-14	05-Nov-14	☑	0.00	05-Nov-14, Preparation & Submit Engineer'...													
UDS-PC-SUB-07-R&A	Review & Approval of Engineer's Field Office Location and Layout	06-Nov-14	23-Nov-14		5.00	23-Nov-14, Review & Approval of Engineer'...													
UDS-PC-SUB-08	Preparation & Submit Field Office Furniture and Equipment Plan	06-Nov-14	08-Nov-14		3.00	08-Nov-14, Preparation & Submit Field Off...													
UDS-PC-SUB-08-R&A	Review & Approval of Field Office Furniture and Equipment Plan	09-Nov-14	25-Nov-14		3.00	25-Nov-14, Review & Approval of Field Off...													
UDS-PC-SUB-09	Preparation & Submit Field Office Computer Systems and Miscellaneous	04-Nov-14	09-Nov-14	☑	0.00	09-Nov-14, Preparation & Submit Field Off...													
UDS-PC-SUB-09-R&A	Review & Approval of Field Office Computer Systems and Miscellaneous	10-Nov-14	01-Dec-14	☑	0.00	01-Dec-14, Review & Approval of Field Off...													
UDS-PC-SUB-10	Preparation & Submit Quality Control Plan with Testing Lab C.V	04-Nov-14	09-Nov-14*		19.00	09-Nov-14, Preparation & Submit Quality C...													
UDS-PC-SUB-10-R&A	Review & Approval of Quality Control Plan with Testing Lab C.V	10-Nov-14	09-Dec-14		29.13	09-Dec-14, Review & Approval of Quality C...													

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

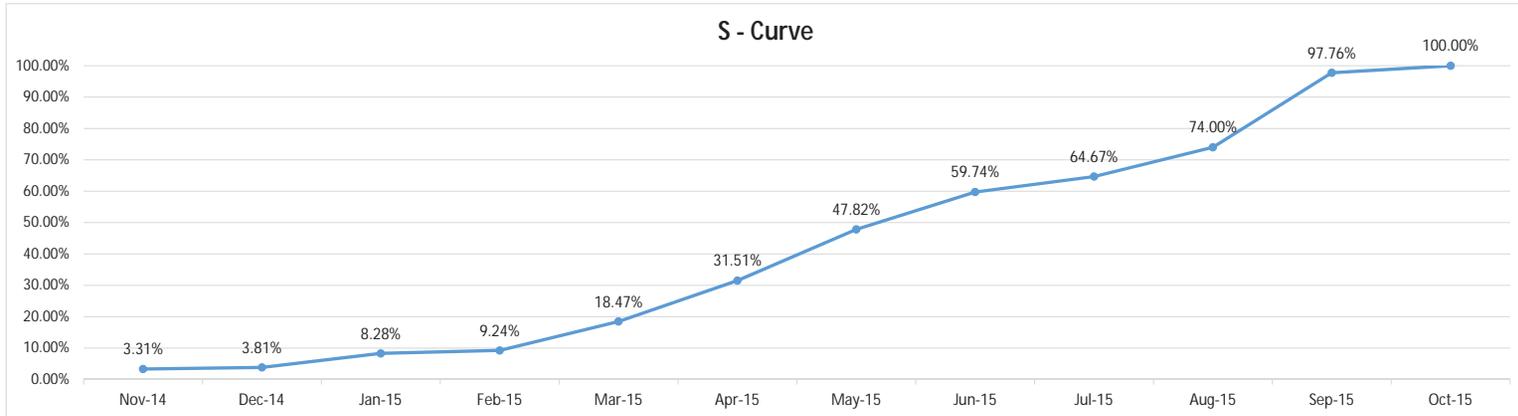


USAID WEST BANK - GAZA - Local Construction Program (LCP)
CONTRACT NO. AID-294-I-13-00002
TASK ORDER NO. AID-294-TO-14-00002
Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi
Booster Station - Phase I Pipeline Connection



Progress S-Curve

Date	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15
Planned Value	\$ 140,549.57	\$ 21,082.43	\$ 189,800.00	\$ 40,466.68	\$ 391,640.94	\$ 553,574.11	\$ 691,801.93	\$ 505,888.19	\$ 209,189.10	\$ 395,624.14	\$ 1,008,234.66	\$ 94,984.25
Planned Value (Accumulative)	\$ 140,549.57	\$ 161,632.00	\$ 351,432.00	\$ 391,898.68	\$ 783,539.62	\$ 1,337,113.73	\$ 2,028,915.66	\$ 2,534,803.85	\$ 2,743,992.95	\$ 3,139,617.09	\$ 4,147,851.75	\$ 4,242,836.00
Planned %	3.31%	0.50%	4.47%	0.95%	9.23%	13.05%	16.31%	11.92%	4.93%	9.32%	23.76%	2.24%
Planned % (Accumulative)	3.31%	3.81%	8.28%	9.24%	18.47%	31.51%	47.82%	59.74%	64.67%	74.00%	97.76%	100.00%



Task Order Total Amount	\$ 4,462,836.00
Daywork amount	\$ 220,000.00
BOQ items amount	\$ 4,242,836.00
Project Duration :	360.00
NTP Date:	4-Nov-14