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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 June 01, 2015 to June 30, 2015

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

### **DISCLAIMER**

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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

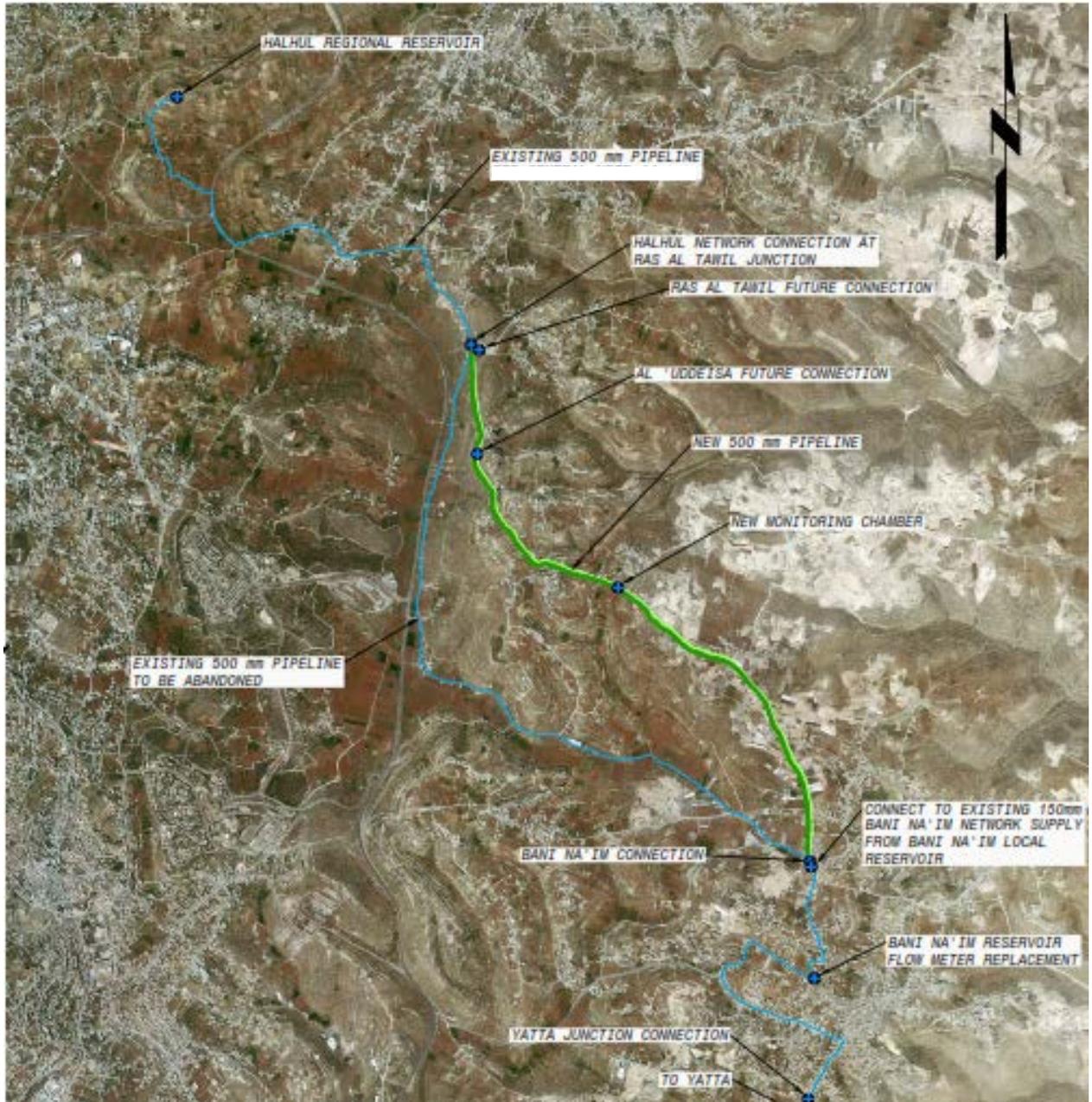
The objective of this task order is to improve water supply distribution capacity and flexibility in the West Bank Water Department's (WBWD) southern area of operations. Specifically the project will improve distribution of water from the Halhul Reservoir and improve supply to Bani Naim and Yatta communities.

### 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

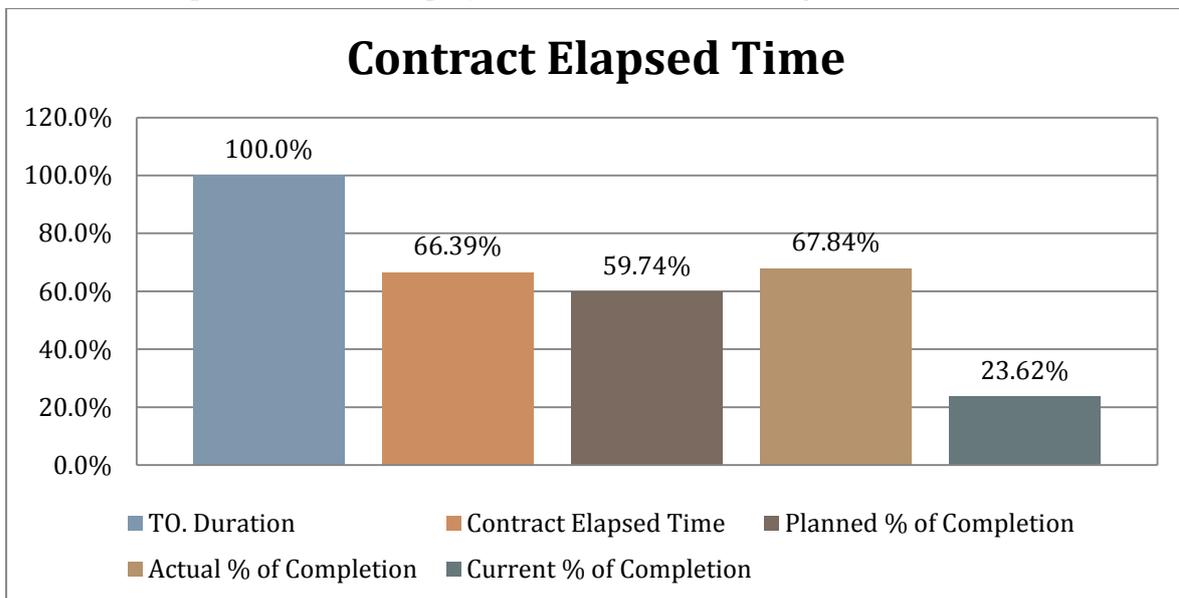
<b>Task Order Name</b>	<b>RAS AL TAWIL &amp; AL 'UDDEISA WATER INFRASTRUCTURE PHASE 1A AND AL SAFI BOOSTER STATION – PHASE I PIPELINE CONNECTION</b>
<b>Contract Number</b>	AID-294-I-00-13-00002
<b>Task Order Number</b>	AID-294-TO-14-00002
<b>Owner</b>	Palestinian Water Authority (PWA)
<b>Client</b>	USAID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



### 3. Project Dashboard Status

Contract Elapsed Time as of June 30, 2015 [%]	66.39 %
Planned Percentage of Completion through June 30, 2015 [%]	59.74 %
Actual Percentage of Completion through June 30, 2015 [%]	67.84 %
Current Percentage of Completion through June 30, 2015 [%]	23.62 %
Float (Days)	12 days <b>Ahead of schedule</b>

The following chart reflects the project dashboard status as of June 30, 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

Several Safety Meetings were reported during this reporting period.

Safety Tool Box Meeting Log			
No.	Meeting No.	Submitted Date	Subject
1	STBM-14-00002-UDSI-017	June 29, 2015	PPE's and Safety Measures during work in confined spaces
2	STBM-14-00002-UDSI-018	June 07, 2015	PPE's and Safety Measures during welding work

## 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 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 issued during this month:

- Risk Assessment Report (Two reports).
- Construction Safety Checklist Report (One Report).

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



## 5. Traffic Control

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.

## 5.1. 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 April, 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

During this reporting period, an environmental check list received from CMC, checked by our QC Manager and submitted to CMC by inspection request.

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 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



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June 01, 2015	<p>USAID - Kamal Kasbary</p> <p>B&amp;V – Rabah Najajreh, Abdel Kareem Siag, Adnan Azazmeh, Talal Najjar , Manal Azazmeh, Karim Husari</p> <p>SAK – Swilem Msalam , Hussam Mihem, Ruba Abuhamdiya, Muwafaq Abu Zeineh, Saleem Tafish</p> <p>PWA - Taher Safi,</p>	Bi-Weekly Meeting	Bi-weekly meeting #13 was conducted at B&V Sa’er Office to follow up work progress
June 14, 2015	<p>Saer Municipality - (Kamal Froukh, Shehadeh Froukh</p> <p>SAK - Nedal Abo Arqoob ,Omar Hassouneh</p> <p>B&amp;V- Ibrahim Halahleh</p>	Walkthrough	Walkthrough regarding repairing the existing utilities
June 15, 2015	<p>USAID - Kamal Kasbary</p> <p>B&amp;V – Abdel Kareem Siag,Talal Najjar , Manal Azazmeh, Ibrahim Halahleh</p> <p>SAK – Swilem Msalam , Hussam Mihem, Ruba Abuhamdiya,Loay Hanouneh</p>	Bi-Weekly Meeting	Bi-weekly meeting #14 was conducted at B&V Sa’er Office to follow up work progress
June 29, 2015	<p>USAID - Kamal Kasbary</p> <p>B&amp;V – Abdel Kareem Siag, Talal Najjar , Manal Azazmeh,</p> <p>SAK – Swilem Msalam , Hussam Mihem, Ruba Abuhamdiya, Muwafaq Abu Zeineh, Saleem Tafish</p> <p>PWA - Taher Safi.</p>	Bi-Weekly Meeting	Bi-weekly meeting #15 was conducted at B&V Sa’er Office to follow up work progress

## 11. Site Visits

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

<b>Site Visits</b>
--------------------



Date	Company	Location	Description
June 01, 2015	USAID- Kamal Kasbary PWA-Taher Safi PWA	B&V Saer Office & Site Office	Site visit/ follow up work
June 04, 2015	USAID-Eng. Kamal Kasbary	B&V Saer Office & Site Office	Site Visit
June 06, 2015	USAID-Eng. Kamal Kasbary	B&V Saer Office & Site Office	Site Visit
June 18, 2015	USAID-Sophie Tainter, Eric Strong, Iman Kheil, Kamal Kasbary	B&V Sa'er Office & Site Office	Site Visit
June 29, 2015	USAID-Eng. Kamal Kasbary ,Eng. Taher Safi PWA	B&V Saer Office & Site Office	Site visit/ follow up work

## 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
Electrodes for CP test station	June 23, 2015	July 23, 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
500mm&150 mm Pipes	December 18, 2014	March 07, 2015

## 12.2. Material and Equipment Delivered on Site

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

Material Log		
Date	Material Delivered to Site	Quantity
June 01, 2015	Somsom Material	152.140 ton
	Single Size Material	32.285 ton
	Base Course Material	27.930 ton
	Precast Chamber	2 PCs
	20" Steel Pipes (18 Pipes)	219.6 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	18 PCs
June 02, 2015	Somsom Material	89.810 ton
	Base Course Material	298.10 ton
	20" Steel Pipes (18 Pipes)	219.6 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	18 PCs
	3" Gate Valves / PN16 / Raphael	24 PCs
20" Elbow 90°	2 PCs	
June 03, 2015	Somsom Material	206.010 ton
	Base Course Material	206.010 ton
	20" Steel Pipes (9 Pipes)	109.8 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	9 PCs
	Concrete encasement	13.5 m3
	Chamber Steps	100 PCs
	Lokfix (FOSROC)	3 Bucket
	Nitocote EPU (FOSROC)	2 Bucket
Nitocote EP405 (FOSROC)	5 Bucket	
June 04, 2015	Somsom Material	90.680 ton
	Single Size Material	59.600 ton
	Base Course Material	59.390 ton
June 05, 2015		
June 06, 2015	Somsom Material	32.115 ton
	Single Size Material	29.127 ton
	Base Course Material	28.179 ton
June 07, 2015	Somsom Material	114.415 ton
	Single Size Material	117.693 ton



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	Base Course Material	62.351 ton
	Concrete Encasement	12.0 m3
June 08, 2015	Somsom Material	118.130 ton
	Single Size Material	59.350 ton
	Base Course Material	83.350 ton
	Precast Chamber (1.5X1.5X2.0)	2 PCs
	20" Steel Pipes (9 Pipes)	109.8 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	9 PCs
	1/2" KSB Ball Valve	22 PCs
	1" KSB Ball Valve	2PCs
	June 09, 2015	Somsom Material
Single Size Material		69.680 ton
Base Course Material		64.157 ton
Precast Chamber (1.5X1.5X1.8)		1 PCs
20" Steel Pipes (8 Pipes)		97.6 m long
20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)		8 PCs
June 10, 2015	Somsom Material	230.470 ton
	Single Size Material	244.850 ton
	Base Course Material	76.123 ton
	Instrumentations (Electromagnetic Flowmeters)	IR-140
	Encasement Concrete	5.5 m3
	Concrete	17.5 m3
June 11, 2015	Somsom Material	115.355 ton
	Single Size Material	396.335 ton
	Base Course Material	210.480 ton
	Encasement Concrete	82 m3
	3" Steel Pipes (8 Pipes)	94.4 m long
	3" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	8 PCs
	14" Steel Pipes (1 Pipe)	11.8 m long
14" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	1 PCs	
June 12, 2015		
June 13, 2015	Single Size Material	86.250 ton
	Base Course Material	351.570 ton
June 14, 2015	None	None
June 15, 2015	Concrete	21 m3
June 16, 2015	Precast Chambers	3 PCs
	Encasement Concrete	24 m3
June 17, 2015	Somsom Material	30.605 ton
	Single Size Material	106.440 ton
	Base Course Material	133.890 ton
	Precast Chambers	2 PCs
	Precast Chamber	1 PCs
June 18, 2015	Base Course Material	216.090 ton



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	Concrete	15 m3
June 19, 2015		
June 20, 2015	Base Course Material	1,108.430 ton
	Single Size Material	84.100 ton
June 21, 2015	Base Course Material	36.760 ton
	Single Size Material	26.840 ton
	Encasement Concrete	4.5 m3
June 22, 2015	Base Course Material	554.280 ton
	Concrete	4.0 m3
	Encasement Concrete	2.5 m3
June 23, 2015	Somsom Material	31.280 ton
	Single Size Material	54.520 ton
	Base Course Material	130.095 ton
	Test Station	10 PCs
June 24, 2015	Single Size Material	183.465 ton
	Base Course Material	242.445 ton
	Concrete	7.5 m3
	Precast Chambers	2 PCs
June 25, 2015	Somsom Material	32.650 ton
	Base Course Material	301.730 ton
June 26, 2015		
June 27, 2015	Base Course Material	93.820 ton
	Base Course Material	425.870 ton
	Butterfly Valves	IR-162-A
	Flanged Gate Valves	IR-163-A
	Dismantling Joints	IR-164-A
	Mechanical Coupling	IR-164-A
June 28, 2015	Single Size Material	32.060 ton
June 29, 2015	Single Size Material	27.710 ton
	Base Course Material	781.435 ton
	Concrete	6.5 m3
June 30, 2015	Single Size Material	28.880 ton
	10" Electromagnetic Flow meter	2 PCs
	Chamber Steps	180 PCs



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

Date Equipment		Equipment Log																														
		1-Jun-15	2-Jun-15	3-Jun-15	4-Jun-15	5-Jun-15	6-Jun-15	7-Jun-15	8-Jun-15	9-Jun-15	10-Jun-15	11-Jun-15	12-Jun-15	13-Jun-15	14-Jun-15	15-Jun-15	16-Jun-15	17-Jun-15	18-Jun-15	19-Jun-15	20-Jun-15	21-Jun-15	22-Jun-15	23-Jun-15	24-Jun-15	25-Jun-15	26-Jun-15	27-Jun-15	28-Jun-15	29-Jun-15	30-Jun-15	
Grader	Quantity in use								1	1	1			1			1	1	1			1	1	1		1	1	1	1	1	1	
	Idle																															
Water Tank	Quantity in use	1	1	1	1		1	1	1	2	2	2		1	1	1	1	3	3			2	2	2	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	
	Idle																															
JCB	Quantity in use	1	1	1	1		1	2	2	2	2	1		1	1		1	1	1			1	2	2	2	1	1	1	1	1	1	
	Idle																															
Wheel Excavator	Quantity in use	2	2	2	2		2	2	2	2	2	2		1	1	2	2	2	2			2	2	2	2	2	2	2	2	2	2	
	Idle																															
Electrical Vibrator	Idle																															
Crane	Quantity in use	2	2	2	2		2	2	2	2	2	2		1	1	1	1	1	1			1										
	Idle																															
Dump Truck	Quantity in use	5	5	5	5		5	5	5	5	5	5		4	3	3	3	3	3			3	2	2	2	2	2	2	2	2	2	
	Idle																															
Bobcat	Quantity in use	1	1	1	1		1			1	1	1					1	1	1			1									0	
	Idle																															
Roller	Quantity in use									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	3		4	4	5	3	5	5			5	4	3	5	3	3		3	5	5	5
	Idle																															
Pick up/ Double Cabin	Quantity in use	2	2	2	2		2	2	2	2	2	2		2			2						2		2	2		2				
	Idle																															
Surveying Tool	Quantity in use	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1				1									
	Idle																															



## **13. Progress and Scheduling**

During the month of June, 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:**

- Finish installing of steel pipelines, bedding material (Somsom), warning tape, backfilling material (Single Size) and backfilling material (Base Course) for 20” pipeline to Sta. 5+580.24
- Finish installing of steel pipelines, bedding material (Somsom), warning tape, backfilling material (Single Size) and backfilling material (Base Course) for 6” pipeline to Sta. 5+580.24
- Finish installing of 69 Anodes and Test Station Cables for Cathodic protection Cathodic protection system from Sta.1+000 to Sta.5+580 with an average distance of 80 m between anodes.
- Start and finish of connection works for Northern Connecting to Existing 500mm DIP at Sta.5+580.24

#### **13.1.2 Road:**

- Continue cut/fill works for the road.
- Start and finish subgrade preparation for the road from Sta. 2+100 to Sta. 3+440.
- Start and finish spread and compact the base course layer from Sta. 2+100 to Sta. 3+850.

#### **13.1.3 Cast In-Situ Chambers:**

##### **➤ Flow Monitoring Chamber at STA: 5+562:**

- Finish civil works for Chamber excavation and cast of concrete for the chamber.
- Finish installation of manhole cover, air vent pipes and chamber piping.
- Finish backfilling works around and above the chamber.

##### **➤ Butterfly Valve Chamber at STA: 5+557:**

- Finish civil works for Chamber/excavation and cast of concrete for the chamber.



## 13.1.4 Pre-Cast Chambers:

- **3” Gate Valve Chambers at STA: 3+852, STA: 4+098 and STA: 4+575:**
  - Finish civil works for Chamber/excavation and installing of precast chamber.
  - Finish installation of manhole cover, air vent pipes and chamber piping.
  - Finish backfilling works around and above the chamber.
  
- **6” Gate Valve Chambers at STA: 4+895:**
  - Finish civil works for Chamber/excavation and installing of precast chamber.
  - Finish installation of manhole cover, air vent pipes and chamber piping.
  - Finish backfilling works around and above the chamber.
  
- **Air Vent Chambers at STA: 3+860, STA: 3+862, STA: 4+393 and STA: 4+395:**
  - Finish civil works for Chamber/excavation and installing of precast chamber.
  - Finish installation of manhole cover, air vent pipes and chamber piping.
  - Finish backfilling works around and above the chamber.
  
- **Washout Chamber at STA: 3+995, STA: 4+004 and STA: 5+521:**
  - Finish civil works for Chamber/excavation and installing of precast chamber.
  - Finish installation of manhole cover, air vent pipes and chamber piping.
  - Finish backfilling works around and above the chamber.

## 13.1.5 Pressure Leakage Test:

- Start and finish Pressure leakage test for installed 6” pipeline from STA: 2+506 to STA: 3+238.
- Start and finish Pressure leakage test for installed 6” pipeline from STA: 0+960 to STA: 2+367.
- Start and finish Pressure leakage test for installed 20” pipeline from STA: 1+017 to STA: 2+510.
- Start and finish Pressure leakage test for installed 16” pipeline at Al Safi Booster Station.



## 13.2 Planned Activities for Next Month

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

### 13.2.1 Road works:

- Start and finish subgrade preparation for the road from STA: 3+440 to STA: 5+150.
- Start and finish spread and compact the base course layer from STA: 3+850 to STA: 5+150.
- Start and finish asphalt works from STA: 2+100 to STA: 5+150
- Start and finish asphalt pavement and reinstatement over trench (2nd Layer) from STA: 0+960 to STA: 2+100.

### 13.2.2 Pressure Leakage Test:

- Start and finish Pressure leakage test for installed 6” pipeline from STA: 2+367 to STA: 5+543.
- Start and finish Pressure leakage test for installed 20” pipeline from STA: 2+510 to STA: 5+582.

### 13.2.3 Chambers:

- Start and finish installing and connection of Flow monitoring assembly at Yaqeen/Bani Naim Reservoir.
- Continue Installing of precast chambers.
- Continue cast in-site chambers.
- Start and finish installation of valves and instrumentations inside chambers.
- 

### 13.2.4 Al Safi Booster Station:

- Start and finish installing of valves and instrumentations.

## 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:



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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.

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

<b>Target value</b>	<b>8700</b>
Person Days of Employment Generated Previously	<b>6308</b>
Person Days of Employment Generated During the Current Reporting Period	<b>1518</b>
Accumulative Persons Days of Employment Generated	<b>7826</b>
<b>Male Person Days of Employment</b>	
Person Days of Employment Generated Previously	<b>6051</b>
Person Days of Employment Generated during the current reporting period	<b>1492</b>
Accumulative Persons Days of Employment Generated	<b>7543</b>
<b>Female Person Days of Employment</b>	
Person Days of Employment Generated Previously	<b>250</b>
Person Days of Employment Generated during the current reporting period	<b>26</b>
Accumulative Persons Days of Employment Generated	<b>276</b>
<b>Total Number of Full Time Equivalent Jobs (FTE)</b>	
Number of Full Time Equivalent Jobs Generated Previously	<b>265</b>
Number of Full Time Equivalent Jobs Generated During Current Period	<b>64</b>
Total Number of Full Time Equivalent Jobs Generated	<b>329</b>

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	192 Calendar Days
Number of non-working days (holidays and weekends) during this reporting period	4 Calendar Days
Accumulated non-working days (holidays and weekends)	34 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
SM-14-00002-UDSI-C-E-002	SAK	CMC	Illegal Connections	June 07, 2015	Other
From E-C					
SM No.	From	To	Description	Received Date	Type
SM-14-00002-UDSI-E-C-008	CMC	SAK	Additional Concrete Encasement For Double Trench.	June 11, 2015	Site Instruction
SM-14-00002-UDSI-E-C-009	CMC	SAK	Letter From Sa'er Municipality-Rehabilitations for UDSI House Connections.	June 14, 2015	Site Instruction
SM-14-00002-UDSI-E-C-010	CMC	SAK	Rehabilitations for UDSI House Connections.	June 15, 2015	Record of joint walkthrough



## **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 May, 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.

During this reporting period, an updated Quality Control Plan (QCP) submittal was submitted to the CMC on June 14, 2015. CMC reviewed and accepted the Quality Control Plan (QCP) on June 24, 2015.

A monthly update for the Quality Control Plan will be submitted to CMC.



**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-072-B	Inspect of delivered material: 1", 2", 3", 4" AND 6" Combination Air Release Valve. Refer to attached Material Receiving Report and certificates.	June 15, 2015	June 15, 2015	June 21, 2015	6	A	
IR-14-00002-UDSI-074-B	Inspect of delivered material: Flange Gasket 2mm thickness-type AFM34 (VICTOR REINZ). Refer to attached Material Receiving Report.	June 24, 2015	June 24, 2015	June 25, 2015	1	A	
IR-14-00002-UDSI-086-B	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	June 23, 2015	June 23, 2015	June 23, 2015	0	A	
IR-14-00002-UDSI-087-B	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	June 23, 2015	June 23, 2015	June 23, 2015	0	A	
IR-14-00002-UDSI-105-B	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.	June 7, 2015	June 7, 2015	June 10, 2015	3	A	



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IR-14-00002-UDSI-127-A	Installed of 3” Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 3+631 prior to backfilling works around and above the chamber.	June 1, 2015	June 1, 2015	June 1, 2015	0	A	
IR-14-00002-UDSI-128-A	Inspect of delivered material: 3” Gate Valve/Raphael. Refer to attached material; receiving report. Certificates will be submitted separately. 1.3” Gate Valve /PN16 – 24 PCs.	June 2, 2015	June 2, 2015	June 3, 2015	1	A	
IR-14-00002-UDSI-129-A	Installed of 3” Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 3+852 prior to backfilling works around and above the chamber.	June 4, 2015	June 4, 2015	June 4, 2015	0	A	
IR-14-00002-UDSI-130-A	Inspect of delivered material: 6” and 20” Steel Pipes and Pipe Heat Shrinkable Sleeve. Refer to attached Material Receiving Report.	June 7, 2015	June 7, 2015	June 7, 2015	0	A	
IR-14-00002-UDSI-131-A	Installed of 3” Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 1+820 prior to backfilling works around and above the chamber.	June 7, 2015	June 7, 2015	June 7, 2015	0	A	
IR-14-00002-UDSI-132-A	Marking the location and safety arrangement for Flow Monitoring Chamber at STA: 5+580 prior to start excavation.	June 7, 2015	June 7, 2015	June 7, 2015	0	D	
IR-14-00002-UDSI-132-B	Marking the location and safety arrangement for Flow Monitoring Chamber at STA: 5+580 prior to start excavation.	June 8, 2015	June 8, 2015	June 9, 2015	1	D	
IR-14-00002-UDSI-132-C	Marking the location and safety arrangement for Flow Monitoring Chamber at STA: 5+580 prior to start excavation.	June 14, 2015	June 14, 2015	June 15, 2015	1	A	



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IR-14-00002-UDSI-133-A	Installed of 3" Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 0+960 prior to backfilling works around and above the chamber.	June 8, 2015	June 8, 2015	June 9, 2015	1	A	
IR-14-00002-UDSI-134-A	Radiographic Tests for welded joints (6" and 20").Location: STA: 5+100 (15 Joints 20" & 15 Joints 6")	June 9, 2015	June 9, 2015	June 9, 2015	0	A	
IR-14-00002-UDSI-135-A	Installed of DN200mm washout precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes (chamber piping) for DN500mm Pipeline / STA: 3+514 prior to backfilling works around and above the chamber.	June 9, 2015	June 9, 2015	June 11, 2015	2	C	
IR-14-00002-UDSI-135-B	Installed of DN200mm washout precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes (chamber piping) for DN500mm Pipeline / STA: 3+514 prior to backfilling works around and above the chamber.	June 14, 2015	June 14, 2015	June 15, 2015	1	A	
IR-14-00002-UDSI-136-A	Radiographic Tests for welded joints (12 Joints from 20" pipeline and 12 Joints from 6" pipeline).	June 9, 2015	June 10, 2015	June 11, 2015	1	A	
IR-14-00002-UDSI-137-A	Inspect of delivered material: 20" Steel Pipes and Pipe Heat Shrinkable Sleeve. Refer to attached Material Receiving Report.	June 9, 2015	June 10, 2015	June 11, 2015	1	A	
IR-14-00002-UDSI-138-A	Formwork and steel reinforcement for Foundation of Flow Monitoring Chamber at STA: 5+580 prior to cast of concrete. Time of Cast concrete: June 10, 2015 at 03:30 PM	June 9, 2015	June 10, 2015	June 11, 2015	1	A	



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IR-14-00002-UDSI-139-A	Pressure Leakage Test for 150m steel pipeline from STA: 0+960 to STA: 2+367. Refer to the attached Pressure Leakage Test Log. Location: 150mm Pipeline from STA: 0+960 to STA: 2+367	June 10, 2015	June 10, 2015	June 11, 2015	1	A	
IR-14-00002-UDSI-140-A	Inspect of delivered material: Electromagnetic Flowmeters and instrumentations as attached Material Receiving Report. Certificates will be submitted separately. Location: Storage Yard	June 11, 2015	June 11, 2015	June 17, 2015	6	C	
IR-14-00002-UDSI-140-B	Inspect of delivered material: Electromagnetic Flowmeters and instrumentations as attached Material Receiving Report. Certificates will be submitted separately. Location: Storage Yard	June 23, 2015	June 23, 2015	June 23, 2015	0	A	
IR-14-00002-UDSI-141-A	Radiographic Tests for welded joints (9 Joints from 20" pipeline and 6 Joints from 6" pipeline). Location: STA: 5+400	June 11, 2015	June 11, 2015	June 14, 2015	3	A	
IR-14-00002-UDSI-142-A	Asphalt removal and subgrade preparation from STA: 2+100 to STA: 2+520 and from STA: 2+600 to STA: 3+100. Tests reports will be submitted separately. Location: from STA: 2+100 to STA: 2+520 & from STA: 2+600 to STA: 3+100.	June 11, 2015	June 11, 2015	June 11, 2015	0	D	
IR-14-00002-UDSI-142-B	Asphalt removal and subgrade preparation from STA: 2+100 to STA: 2+520 and from STA: 2+600 to STA: 3+100. Tests reports will be submitted separately. Location: from STA: 2+100 to STA: 2+520 & from STA: 2+600 to STA: 3+100.	June 21, 2015	June 21, 2015	June 21, 2015	0	C	



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IR-14-00002-UDSI-143-A	Installed of 3" Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 4+098 prior to backfilling works around and above the chamber.	June 14, 2015	June 14, 2015	June 15, 2015	1	A	
IR-14-00002-UDSI-144-A	Installed of DN80mm washout precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes (chamber piping) for DN150mm Pipeline / STA: 3+995 prior to backfilling works around and above the chamber.  Location: Washout Chamber / STA: 3+995	June 14, 2015	June 14, 2015	June 15, 2015	1	A	
IR-14-00002-UDSI-145-A	Installed of transition coupling and complete of northern connecting the 500mm Steel pipes to existing 500mm DIP. Location: STA: 5+580	June 14, 2015	June 14, 2015	June 14, 2015	0	C	
IR-14-00002-UDSI-145-B	Installed of transition coupling and complete of northern connecting the 500mm Steel pipes to existing 500mm DIP. Location: STA: 5+580	June 17, 2015	June 17, 2015	June 18, 2015	1	A	
IR-14-00002-UDSI-146-A	Inspect of delivered material: 1/2" and 1" KSB Ball Valves as attached Material Receiving Report and Certificates.	June 14, 2015	June 15, 2015	June 15, 2015	0	A	
IR-14-00002-UDSI-147-A	Formwork and steel reinforcement for Walls of Flow Monitoring Chamber at STA: 5+562 prior to cast of concrete.	June 14, 2015	June 15, 2015	June 15, 2015	0	A	
IR-14-00002-UDSI-148-A	Inspect of delivered material: Bolts, Washers and Nuts as attached Material Receiving Report and Certificates.	June 15, 2015	June 16, 2015	June 17, 2015	1	A	
IR-14-00002-	Formwork and steel reinforcement for Top Slab of Flow Monitoring Chamber	June 18, 2015	June 18, 2015	June 18, 2015	0	A	



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UDSI-149-A	at STA: 5+562 prior to cast of concrete.						
IR-14-00002-UDSI-150-A	Pressure Leakage Test for 500mm steel pipeline from STA: 1+017 to STA: 2+510. Refer to the attached Pressure Leakage Test Log. Location: 500mm Pipeline from STA: 1+017 to STA: 2+510	June 18, 2015	June 18, 2015	June 18, 2015	0	A	
IR-14-00002-UDSI-151-A	Inspect of delivered material: Insulating Flange Kit /SGM as attached Material Receiving Report. Certificates will be submitted separately	June 21, 2015	June 21, 2015	June 21, 2015	0	A	
IR-14-00002-UDSI-152-A	Installed of DN100mm combination air vent precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes (chamber piping) for DN500mm Pipeline / STA: 3+860 prior to backfilling works around and above the chamber.	June 21, 2015	June 21, 2015	June 22, 2015	1	A	
IR-14-00002-UDSI-153-A	Installed of DN80mm combination air vent precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes (chamber piping) for DN150mm Pipeline / STA: 3+862 prior to backfilling works around and above the chamber.	June 21, 2015	June 21, 2015	June 22, 2015	1	A	
IR-14-00002-UDSI-154-A	Subgrade Preparation and Asphalt Removal for the road from STA: 3+100 to STA: 3+850. Tests reports will be submitted separately.	June 21, 2015	June 21, 2015	June 22, 2015	1	C	
IR-14-00002-UDSI-154-B	Subgrade Preparation and Asphalt Removal for the road from STA: 3+100 to STA: 3+850. Tests reports will be submitted separately.	June 25, 2015	June 27, 2015	June 28, 2015	1	A	
IR-14-00002-UDSI-155-	Installed of DN200mm washout precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes	June 22, 2015	June 22, 2015	June 23, 2015	1	C	



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A	(chamber piping) for DN500mm Pipeline / STA: 4+004 prior to backfilling works around and above the chamber.						
IR-14-00002-UDSI-156-A	Formwork and steel reinforcement for foundation of Butterfly Valve Chamber at STA: 5+557 prior to cast of concrete.	June 22, 2015	June 22, 2015	June 22, 2015	0	A	
IR-14-00002-UDSI-157-A	Installed of 3" Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 4+575 prior to backfilling works around and above the chamber	June 22, 2015	June 23, 2015	June 24, 2015	1	A	
IR-14-00002-UDSI-158-A	Pressure Leakage Test for 400mm steel pipeline for Al Safi Booster Station. Refer to the attached Pressure Leakage Test Log.	June 23, 2015	June 23, 2015	June 23, 2015	0	A	
IR-14-00002-UDSI-159-A	Inspect of delivered material: Cathodic Protection System Test Station as attached Material Receiving Report. Certificates will be submitted separately	June 23, 2015	June 23, 2015	June 23, 2015	0	A	
IR-14-00002-UDSI-160-A	Formwork and steel reinforcement for Walls of 14" Butterfly Valve Chamber at STA: 5+557 prior to cast of concrete.	June 23, 2015	June 23, 2015	June 24, 2015	1	A	
IR-14-00002-UDSI-161-A	Formwork and steel reinforcement for Top Slab of 14" Butterfly Valve Chamber at STA: 5+557 prior to cast of concrete.	June 25, 2015	June 27, 2015	June 28, 2015	1	D	
IR-14-00002-UDSI-161-B	Formwork and steel reinforcement for Top Slab of 14" Butterfly Valve Chamber at STA: 5+557 prior to cast of concrete.	June 29, 2015	June 29, 2015	June 29, 2015	0	A	
IR-14-00002-UDSI-162-A	Inspect of delivered material: Motorizable Butterfly Valves as attached Material Receiving Report. Certificates will be submitted separately	June 28, 2015	June 28, 2015			P	



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IR-14-00002-UDSI-163-A	Inspect of delivered material: Flanged Gate Valves as attached Material Receiving Report. Certificates will be submitted separately	June 28, 2015	June 28, 2015	June 29, 2015	1	C	
IR-14-00002-UDSI-164-A	Inspect of delivered material: Mechanical Coupling and Dismantling Joints as attached Material Receiving Report. Certificates will be submitted separately	June 28, 2015	June 28, 2015			P	
IR-14-00002-UDSI-165-A	Compaction of Topping Layer and Backfilling material for the road from STA: 3+440 to STA: 3+850. Tests reports will be submitted separately.	June 28, 2015	June 28, 2015	June 29, 2015	1	A	
IR-14-00002-UDSI-166-A	Installed of 6" Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 4+895 prior to backfilling works around and above the chamber.	June 28, 2015	June 28, 2015	June 29, 2015	1	C	
IR-14-00002-UDSI-166-B	Installed of 6" Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 4+895 prior to backfilling works around and above the chamber.	June 30, 2015	July 1, 2015			P	
IR-14-00002-UDSI-167-A	Surface preparation and Applying of Bitumen Coating (1st and 2nd Layers) for Flow Monitoring Chamber at STA: 5+562 prior to start backfilling around and above the chamber.	June 28, 2015	June 28, 2015	June 29, 2015	1	A	
IR-14-00002-UDSI-168-A	Installed of DN200mm washout precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes (chamber piping) for DN500mm Pipeline / STA: 5+521 prior to backfilling works around and above the chamber.	June 28, 2015	June 28, 2015	June 29, 2015	1	C	
IR-14-00002-	Formwork and steel reinforcement for Foundation of 20" Butterfly Valve	June 29,	June 29,	June 29,	0	A	



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UDSI-169-A	Chamber at STA: 5+115 prior to cast of concrete.	2015	2015	2015			
IR-14-00002-UDSI-170-A	Inspect of delivered material : 10" electromagnatic flowmeter (MAG8000) as attached material receiving report and certificates	June 30, 2015	June 30, 2015			P	
IR-14-00002-UDSI-171-A	Installed of DN150mm Combination Air Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for 20" Pipeline / STA: 4+393 prior to backfilling works around and above the chamber.	June 30, 2015	July 1, 2015			P	
IR-14-00002-UDSI-172-A	Installed of DN80mm Combination Air Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for 6" Pipeline / STA: 4+395 prior to backfilling works around and above the chamber.	June 30, 2015	July 1, 2015			P	
*Note: A:No Exceptions Noted, B:Make Corrections Noted, C:Amend-Resubmit , D:Rejected-Resubmit, E:Review Not Required, P:Pending							

### 1.1. Testing Reports:

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

Submittal No.	Description	Submitted Date	Response Date	Status
TEST-14-00002-UDSI-071-A	Test Report - Density of Soil In-Place - Base Course/Trench Lines- Al 'Uddeisa Main Pipeline Between Stations (1+850 & 2+100) Report # ST/FD/15322	June 8, 2015	June 8, 2015	A
TEST-14-00002-UDSI-072-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 -28 Days	June 14, 2015	June 14, 2015	A
TEST-14-00002-UDSI-073-A	Test Report - Density of Soil In-Place - Sub-Grade Materials/Trench Lines- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+100 & 3+100) Report # ST/FD/15362	June 14, 2015	June 14, 2015	A
TEST-14-00002-UDSI-074-A	Test Report - Soil and Soil Aggregate Materials Testing Report -Base Course- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (4+000 to 4+500)) - Loose Sample Report # ST/15271	June 14, 2015	June 14, 2015	A



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TEST-14-00002-UDSI-075-A	Test Report - Soil and Soil Aggregate Materials Testing Report -Base Course- Ras Al Tawil & Al 'Uddeisa Main Pipeline At Station 4+700) - Loose Sample Report # ST/15288	June 14, 2015	June 14, 2015	A
TEST-14-00002-UDSI-076-A	Test Report - Soil and Soil Aggregate Materials Testing Report - Sub Grade Materials- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+100 to 3+100)) - Loose SampleReport # ST/15299	June 14, 2015	June 14, 2015	A
TEST-14-00002-UDSI-077-A	Test Report -Bituminous Paving Mixture Report - Size 3/4" - Al 'Uddeisa Main Pipeline Between Stations (1+850 & 2+100) - Report # AS/TBM/15167	June 14, 2015	June 14, 2015	A
TEST-14-00002-UDSI-078-A	Test Report -Bedding Material Aggregate - (Somsom Size)-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (4+000 & 4+500) - Report # BM/QC/15077	June 14, 2015	June 14, 2015	A
TEST-14-00002-UDSI-079-A	Test Report -Bedding Material Aggregate - (Single Size Aggregate)-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (4+000 & 4+500) - Report # BM/QC/15078	June 14, 2015	June 14, 2015	A
TEST-14-00002-UDSI-080-A	Test Report -Back Fill Materials - (Hommos & Addas )-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (5+000 & 5+585) -Report # BM/QC/15087	June 14, 2015	June 14, 2015	A
TEST-14-00002-UDSI-081-A	Test Report -Bedding Material Aggregate - (Single Size Aggregate)-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (5+000 & 5+585) - Report # BM/QC/15088	June 14, 2015	June 14, 2015	A
TEST-14-00002-UDSI-082-A	Test Report - Density of Soil In-Place - Sub-Grade Materials/Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+520 & 2+600) Report # ST/FD/15374	June 16, 2015	June 17, 2015	A
TEST-14-00002-UDSI-083-A	Test Report - Concrete Compressive Strength (Footing of the Washout Manhole (8") At Station (1+205). - Report # BM/CT/15689 -28 Days	June 17, 2015	June 17, 2015	A
TEST-14-00002-UDSI-084-A	Test Report - Soil and Soil Aggregate Materials Testing Report - -Base Course- Stockpiling Area At The Project Site At Station 2+100 - Loose Sample-Report # ST/15261	June 17, 2015	June 17, 2015	A
TEST-14-00002-UDSI-085-A	Test Report - Soil and Soil Aggregate Materials Testing Report -Sub-Grade Materials- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+100 to 3+850) -Report # ST/15310	June 21, 2015	June 21, 2015	A
TEST-14-00002-UDSI-086-A	Test Report - Density of Soil In-Place - Sub-Grade Materials/Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+100 & 3+860)- Report # ST/FD/15379	June 21, 2015	June 21, 2015	A



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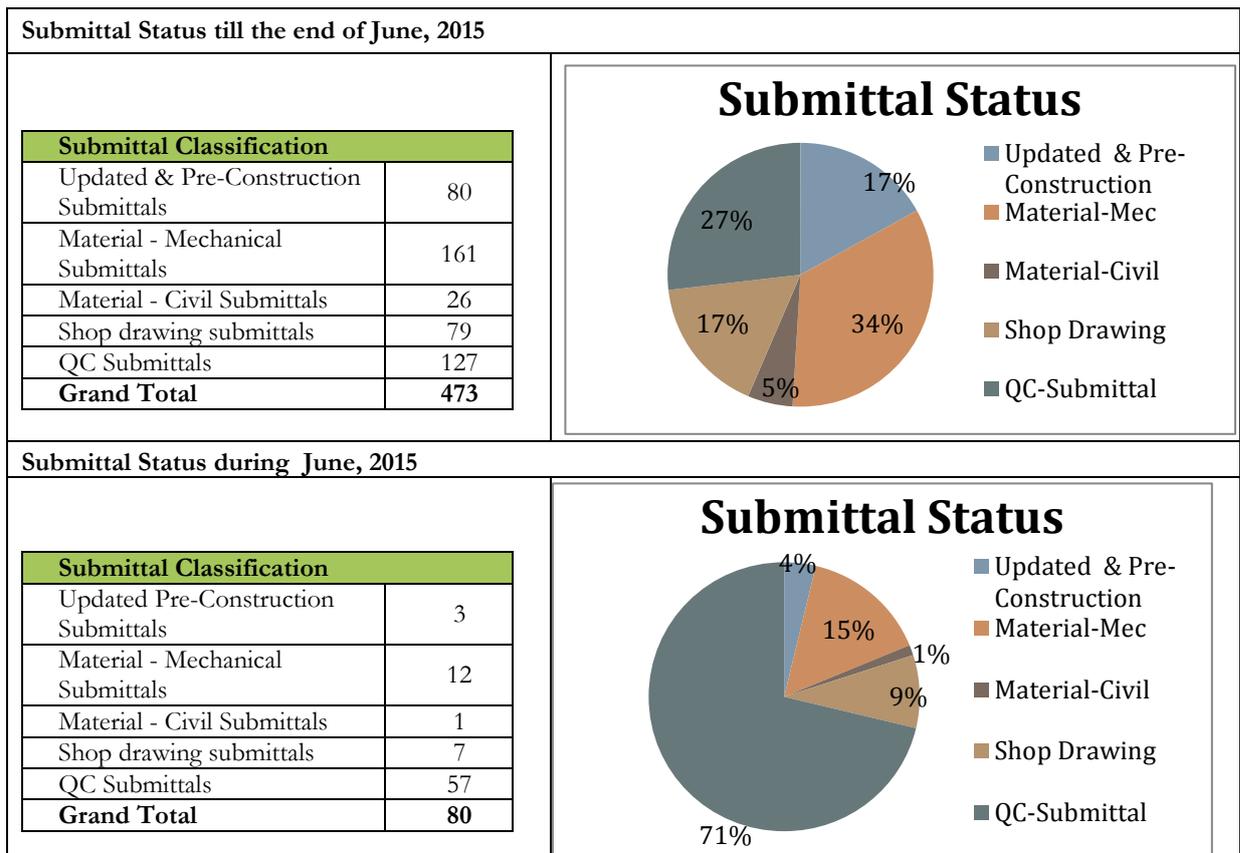
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TEST-14-00002-UDSI-087-A	Test Report -Back Fill Materials - (Hommos & Addas)- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (4+500 & 5+000) - Report # BM/QC/15085	June 21, 2015	June 21, 2015	A
TEST-14-00002-UDSI-088-A	Test Report -Back Fill Materials - (Somsom Size)- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (4+500 & 5+000) -Report # BM/QC/15086	June 21, 2015	June 21, 2015	A
TEST-14-00002-UDSI-089-A	RT Results- Radiographic Test Report	June 21, 2015	June 22, 2015	C
TEST-14-00002-UDSI-090-A	Test Report - Soil and Soil Aggregate Materials Testing Report -Base Course- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (5+000 & 5+585) -Report # ST/15302	June 25, 2015	June 25, 2015	A
TEST-14-00002-UDSI-091-A	Test Report - Concrete Compressive Strength (Base Butter Fly Valve At Station (2+513). - Report # BM/CT/15748 -28 Days	June 25, 2015	June 25, 2015	A
TEST-14-00002-UDSI-092-A	Test Report - Concrete Compressive Strength - Slab of Flow Monitoring Chamber At Station (2+510). - Report # BM/CT/15749-28 Days	June 25, 2015	June 25, 2015	A
TEST-14-00002-UDSI-093-A	Test Report - Concrete Compressive Strength - Wall of Flow Monitoring Chamber At Station (2+510).- Report # BM/CT/15730-28 Days	June 25, 2015	June 25, 2015	A
TEST-14-00002-UDSI-094-A	Test Report - Concrete Compressive Strength - Wall of PFV At Station (2+513).- Report # BM/CT/15766-28 Days	June 25, 2015	June 25, 2015	A
TEST-14-00002-UDSI-095-A	Test Report - Density of Soil In-Place - Topping Materials (Fill Materials)/Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+440 & 3+850) - Report # ST/FD/15396	June 28, 2015	June 29, 2015	A
TEST-14-00002-UDSI-096-A	Test Report - Soil and Soil Aggregate Materials Testing Report -Fill Materials /Topping Materials / Loose Sample- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+440 to 3+800) -Report # ST/15320	June 28, 2015	June 29, 2015	A
TEST-14-00002-UDSI-097-A	Test Report - Soil and Soil Aggregate Materials Testing Report -Base Course/ Loose Sample- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+100 to 2+600) -Report # ST/15321	June 28, 2015	June 29, 2015	A
TEST-14-00002-UDSI-098-A	Test Report - Soil and Soil Aggregate Materials Testing Report -Base Course/ Loose Sample- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+600 to 3+100) -Report # ST/15322	June 28, 2015	June 29, 2015	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 June and till the end of it.





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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-012-D	PN16 & PN25 Butterfly Valves	June 29, 2015	June 30, 2015	-	Retracted
SUB-14-00002-UDSI-034-A	3" & 4" Gate Valve (GV-2)/PN16-close out	June 29, 2015	June 30, 2015	1	A
SUB-14-00002-UDSI-059-C	Gate Valves (GV2) 6" & 8" & Actuators - CLOSE-OUT	June 29, 2015	cancelled by SAK	-	Retracted
SUB-14-00002-UDSI-101-B	Steel Fittings	June 23, 2015	June 25, 2015	2	A
SUB-14-00002-UDSI-103-B	16" & 8" Steel Pipes	June 23, 2015	June 23, 2015	0	A
SUB-14-00002-UDSI-104-B	Shop Drawing for Al-Safi Booster Station	June 23, 2015	June 24, 2015	1	A
SUB-14-00002-UDSI-105-B	Cement Lining Repair Method Statement	June 23, 2015	June 23, 2015	0	A
SUB-14-00002-UDSI-110-B	Al-Safi Equipment pad control Valves	June 23, 2015	June 23, 2015	0	A
SUB-14-00002-UDSI-158-C	PLC Programming and SCADA Integration (BCI)	June 22, 2015	June 25, 2015	3	A
SUB-14-00002-UDSI-169-B	Outline Training	June 4, 2015	June 9, 2015	5	C
SUB-14-00002-UDSI-170-B	Operation and Maintenance Manuals Outline	June 4, 2015	June 9, 2015	5	B
SUB-14-00002-UDSI-173-B	RAS At Tawil & Al'uddeisa Water Infrastructure - Phase IA - Road Shop Drawings From sta. 2+100 To sta. 5+150	June 22, 2015	June 25, 2015	3	B
SUB-14-00002-UDSI-179-B	Shop Drawing - Updated Alsafi Booster Station Flow & Prv Equipment Pad(Reply Comment)	June 8, 2015			P
SUB-14-00002-UDSI-181-B	RT Results- Radiographic Test Reports	June 11, 2015	June 22, 2015	11	A



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SUB-14-00002-UDSI-182-B	Method Statement for TESTING (Hydrostatic, Disinfection and Flushing) (6" & 16" & 20" Pipelines) & Laboratory	June 4, 2015	June 17, 2015	13	B
SUB-14-00002-UDSI-187-A	Anodes Installation Method Statement	June 1, 2015	June 4, 2015	3	B
SUB-14-00002-UDSI-188-A	Updated Schedule - May 2015	June 8, 2015	June 15, 2015	7	C
SUB-14-00002-UDSI-189-A	Updated Submittals Schedule	June 14, 2015	June 17, 2015	3	A
SUB-14-00002-UDSI-190-A	updated QC -Plan - ( QC Submittals Log)	June 14, 2015	June 24, 2015	10	A
SUB-14-00002-UDSI-191-A	<del>RAS At Tawil &amp; Al'uddeisa Water Infrastructure - Road Shop Drawings From sta. 2+100 To sta. 3+170</del>	June 16, 2015	June 22, 2015	6	Retracted
SUB-14-00002-UDSI-192-A	Reference Electrodes for CP test stations	June 17, 2015	June 22, 2015	5	A
SUB-14-00002-UDSI-193-A	CP training & qualification certificates	June 24, 2015	June 25, 2015	1	E
SUB-14-00002-UDSI-194-A	As Built -Al-Safi Booster Station	June 28, 2015			P

\*Note:

A: No Exceptions Noted, B: Make Corrections Noted, C: Amend-Resubmit, D: Rejected-Resubmit, E: Review Not Required, P: Pending

## 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-0135	AID-294-TO-14-00002 (Partial Payment Request)	SAK	USAID	June 2, 2015
Email-14-02-SAK-OUT-0136	Contractor's Monthly Progress Report _April 2015	SAK	USAID	June 3, 2015
Email-14-02-SAK-OUT-	Contractor's Monthly Progress	SAK	USAID	June 3,



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0137	Report _April 2015			2015
Email-14-02-SAK-OUT-0138	Material log	SAK	USAID	June 4, 2015
Email-14-02-SAK-OUT-0139	May Monthly Progress Report	SAK	USAID	June 4, 2015
Email-14-02-SAK-OUT-0140	Yaqeen/Bani Naim Reservoir	SAK	BV	June 6, 2015
Email-14-02-SAK-OUT-0141	Geo-MIS -May, 2015	SAK	BV	June 7, 2015
Email-14-02-SAK-OUT-0142	Contractor's Monthly Progress Report _April 2015	SAK	USAID	June 7, 2015
Email-14-02-SAK-OUT-0143	(Partial Payment Request)	SAK	USAID	June 9, 2015
Email-14-02-SAK-OUT-0144	LTR.14-02.LOCAL-SAK.004 Saer Municipality Letter - Stop Construction Works	SAK	BV	June 9, 2015
Email-14-02-SAK-OUT-0145	Contractor's Monthly Progress Report _April 2015	SAK	USAID	June 9, 2015
Email-14-02-SAK-OUT-0146	(Completion the installation of all pipeline ) 20 KB	SAK	USAID	June 11, 2015
Email-14-02-SAK-OUT-0147	Yaqeen/Bani Naim Reservoir	SAK	BV	June 15, 2015
Email-14-02-SAK-OUT-0148	Yaqeen/Bani Naim Reservoir	SAK	DCL/hebro ndcl@gmail.com	June 15, 2015
Email-14-02-SAK-OUT-0149	Yaqeen/Bani Naim Reservoir	SAK	BV	June 15, 2015



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INCOMING EMAILS LOG				
DCN No.	Subject	From	To	Received Date
Email-14-02-SAK-IN-0083	Contractor's Monthly Progress Report _April 2015	USAID	SAK	June 3, 2015
Email-14-02-SAK-IN-0084	Draft MOM No. 013	BV	SAK	June 4, 2015
Email-14-02-SAK-IN-0085	Cathodic Protection System	BV	SAK	June 7, 2015
Email-14-02-SAK-IN-0086	Yaqeen/Bani Naim Reservoir	PWA	SAK	June 7, 2015
Email-14-02-SAK-IN-0087	Contractor's Monthly Progress Report _April 2015	USAID	SAK	June 8, 2015
Email-14-02-SAK-IN-0088	(Partial Payment Request)	USAID	SAK	June 9, 2015
Email-14-02-SAK-IN-0089	Contractor's Work Plan during Ramadan Month.	BV	SAK	June 9, 2015
Email-14-02-SAK-IN-0090	(Completion the installation of all pipeline )	USAID	SAK	June 11, 2015
Email-14-02-SAK-IN-0091	Progress Meeting Agenda No. 014	BV	SAK	June 14, 2015
Email-14-02-SAK-IN-0092	Progress Meeting Agenda No. 014	BV	SAK	June 14, 2015
Email-14-02-SAK-IN-0093	Yaqeen/Bani Naim Reservoir	BV	SAK	June 15, 2015
Email-14-02-SAK-IN-0094	Yaqeen/Bani Naim Reservoir	BV	SAK	June 15, 2015
Email-14-02-SAK-IN-0095	Yaqeen/Bani Naim Reservoir	BV	SAK	June 15, 2015
Email-14-02-SAK-IN-0096	Communication cable	BV	SAK	June 17, 2015



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Email-14-02-SAK-IN-0097	Draft MOM No. 014	BV	SAK	June 18, 2015
Email-14-02-SAK-IN-0098	Road width and others	BV	SAK	June 21, 2015
Email-14-02-SAK-IN-0099	Final MOM No. 014	BV	SAK	June 22, 2015
Email-14-02-SAK-IN-0100	Road width and others	BV	SAK	June 23, 2015
Email-14-02-SAK-IN-0101	Closing out the Submittals with Code C and D	BV	SAK	June 23, 2015
Email-14-02-SAK-IN-0102	Unclosed Correspondences	BV	SAK	June 23, 2015
Email-14-02-SAK-IN-0103	Pressure Gauges calibration certificate	BV	SAK	June 23, 2015
Email-14-02-SAK-IN-0104	PAL TEL Poles Damaged.	BV	SAK	June 23, 2015
Email-14-02-SAK-IN-0105	Cathodic protection system testing	BV	SAK	June 23, 2015
Email-14-02-SAK-IN-0106	PAL TEL Poles Damaged.	BV	SAK	June 23, 2015
Email-14-02-SAK-IN-0107	Yakin reservoir connection/ Ras Al Tawil	BV	SAK	June 24, 2015
Email-14-02-SAK-IN-0108	PAL TEL Damaged poles.	BV	SAK	June 24, 2015
Email-14-02-SAK-IN-0109	Additional Works	BV	SAK	June 25, 2015
Email-14-02-SAK-IN-0110	Progress Meeting Agenda No. 015	BV	SAK	June 25, 2015
Email-14-02-SAK-IN-0111	Additional Works	BV	SAK	June 28, 2015
Email-14-02-SAK-IN-	Yaqeen/Bani Naim Reservoir	PWA	SAK	June 29, 2015



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0112				
Email-14-02-SAK-IN-0113	(Partial Payment Request - Payment No. 07)	USAID	SAK	June 30, 2015
Email-14-02-SAK-IN-0114	Yakin reservoir connection/ Ras Al Tawil	BV	SAK	June 30, 2015
Email-14-02-SAK-IN-0115	Task Order #14-00002, correspondences	USAID	SAK	June 30, 2015
Email-14-02-SAK-IN-0116	Yakin reservoir connection/ Ras Al Tawil	BV	SAK	June 30, 2015
Email-14-02-SAK-IN-0117	Final MOM No. 015	BV	SAK	June 30, 2015

CONTRACTOR LETTERS LOG				
Letter No.	Description	Submitted Date	From	To
<b>LETTERS FROM CONTRACTOR TO LOCAL AUTHORITY</b>				
No letters were issued during this reporting period				
<b>LETTERS FROM CONTRACTOR TO ENGINEER</b>				
Letter No.	Description	Submitted Date	From	To
No letters were issued during this reporting period.				
<b>LETTERS FROM CONTRACTOR TO USAID</b>				
Letter No.	Description	Submitted Date	From	To
No letters were issued during this reporting period.				

## 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
No RFIs were issued during this reporting period				



**21. Payments**

One Payment was issued during this reporting period :

Progress Payment Log					
Invoice No.	Invoiced Amount	Cumulative Amount	Task Order Amount	Remaining Amount	Date Submitted to B&V
Pay-14-000002-UDSI-006	\$ 667,657.22	\$ 2,193,446.49	\$ 4,462,836.00	\$ 2,269,389.51	June 11, 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
VOR-14-00002-UDSI-007-B	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.	\$105,505.00	0	June 7, 2015	June 30, 2015
<del>VOR-14-00002-UDSI-008-A</del>	<del>Additional work</del>	<del>\$61,694.00</del>	0	<del>June 28, 2015</del>	<del>RETRACTED</del>
VOR-14-00002-UDSI-008-A	Additional work	\$61,694.00	0	June 30, 2015	P
P: Pending					



### 23. Variation Order

No Variation Orders were issued during this reporting .

Variation Order Log					
Variation Order No.	Description	PVOs/VOsAmount	PVOs/VOs (Calendar Days)	PVO/VO Status	Date Approved By USAID
No VOs					

### 24. Obstacles and Challenges

#### 24.1 Challenges

No challenges

#### 24.2 Obstacles

During this reporting period, asphalt works from Sta.2+950 to Sta. 4+100 were stopped due to Sa'er Municipality objection. The following table summarizes the stoppage days:

Description	Stoppage Days
Number of other non-working days (Sa'er Municipality objection)	1 Calendar Days
Accumulated other non-working days(Municipality objection)	1 Calendar Days



**25. Progress Photos**



**Photo #1: Chamber Piping for Washout Chamber at Sta.: 4+004**



**Photo #2: Subgrade Preparation around Sta. 4+500**



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Photo #3: Casting Concrete for foundation of 14” BFV Chamber at Sta. 5+557



Photo #4: Spreading and compacting the fill material from Sta. 3+440 to Sta. 3+850



**Photo #5: Installation of Steps for the Chamber**



**Photo #6: Delivered Material/Cathodic Protection System**



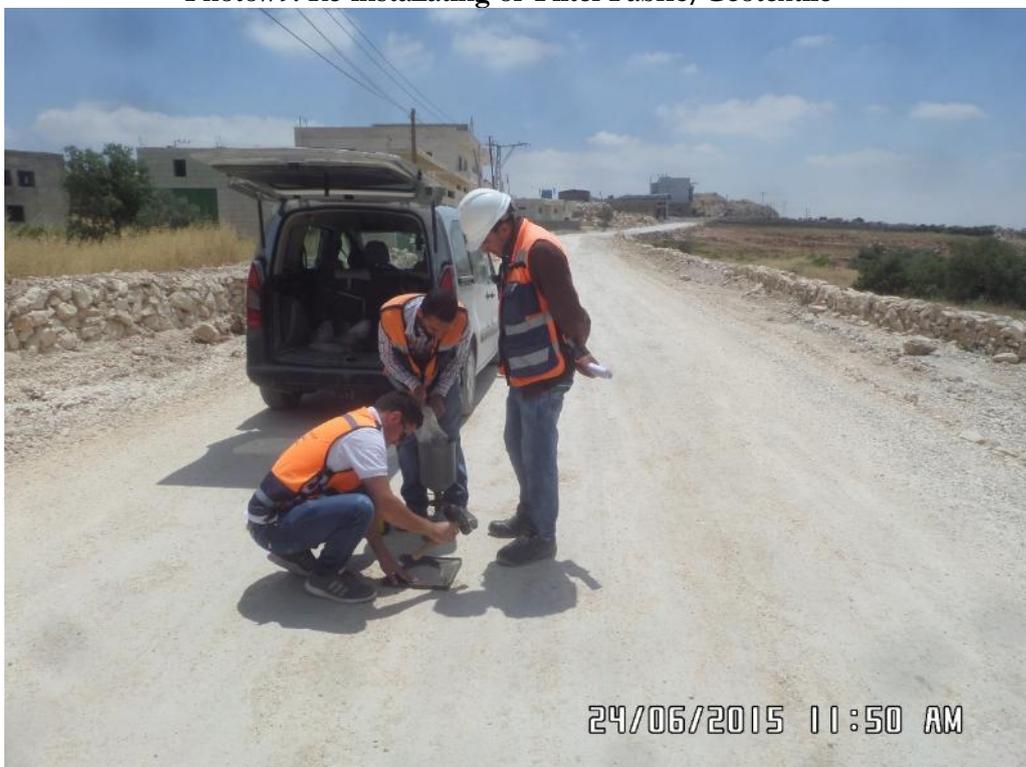
**Photo #7: Spreading and Compacting base course layer from Sta. 3+100 to Sta. 3+440**



**Photo #8: Applying of bitumen coating for F. M. chamber at Sta. 5+562**



**Photo#9: Re-installing of Filter Fabric/Geotextile**



**Photo#10: Compaction test for topping layer from Sta. 3+440 to Sta. 3+850**



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Photo#11: Fabrication of Spools at Workshop



Photo#12: Bi-weekly Progress Meeting #15 at B&V Saer Office



**Photo#13: Formwork and steel reinforcement for top slab of BFV at Sta. 5+557**



**Photo#14: Delivered Material/10” Electromagnetic Flow meter**



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# 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**

Last Updated: June 30 ,2015

Material Log		
Date	Material Delivered to Site	Quantity
<b>Month : November 2014</b>		
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
<b>Month : December 2014</b>		
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



**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**

Last Updated: June 30 ,2015

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 <sup>3</sup>
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 <sup>3</sup>
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 <sup>3</sup>
December 28, 2014		
December 29, 2014	Single Size Material	84.700-ton
	Concrete B-300	1.5 m <sup>3</sup>



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

Last Updated: June 30 ,2015

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 <sup>3</sup>
	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 <sup>3</sup>
<b>Month : January 2015</b>		
January 1, 2015	Single Size Material	57.420 ton
	Somsom Material	28.428 ton
	Concrete	1.5 m <sup>3</sup>
January 2, 2015		
January 3, 2015	Single Size Material	28.300 ton
	Concrete	1.5 m <sup>3</sup>
January 4, 2015	Concrete	1.5 m <sup>3</sup>
January 5, 2015	Concrete	1.6 m <sup>3</sup>
January 6, 2015	Concrete	1.6 m <sup>3</sup>
	Single Size Material	54.113 ton
	Steel Flanges PN40/DN400	2 PCs
January 7, 2015	Concrete	1.6 m <sup>3</sup>
January 8, 2015	None	None
January 9, 2015		
January 10, 2015	None	None
January 11, 2015	Concrete	1.6 m <sup>3</sup>
January 12, 2015	Concrete	1.6 m <sup>3</sup>
	Single Size Material	31.820 ton
January 13, 2015	Concrete	1.6 m <sup>3</sup>
	Single Size Material	54.113 ton
	Holiday Test Machine (elcometer 280)	1 set
January 14, 2015	Concrete	1.6 m <sup>3</sup>
	Single Size Material	57.030 ton
	Holiday Test Machine (elcometer 280)	1 set
January 15, 2015	Concrete	1.6 m <sup>3</sup>
	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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**Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi**  
**Booster Station - Phase I Pipeline Connection**

Last Updated: June 30 ,2015

Material Log		
Date	Material Delivered to Site	Quantity
January 17, 2015	Concrete	1.6 m <sup>3</sup>
	Single Size Material	84.113 tom
January 18, 2015	Concrete	1.6 m <sup>3</sup>
January 19, 2015	Concrete	1.6 m <sup>3</sup>
	Single Size Material	85.127 ton
January 20, 2015	Concrete	1.6 m <sup>3</sup>
	Single Size Material	85.127 ton
January 21, 2015	Concrete	1.6 m <sup>3</sup>
	Single Size Material	28.113 ton
January 22, 2015	Concrete	1.6 m <sup>3</sup>
	Single Size Material	56.127 ton
January 23, 2015		
January 24, 2015	Concrete	1.6 m <sup>3</sup>
	Single Size Material	56.127 ton
	Rendroc S / FOSROC	25 Kg
	Tie Rod (30cm/6mm)	500 PCs
January 25, 2015	Concrete	1.6 m <sup>3</sup>
	Single Size Material	56.127 ton
January 26, 2015	Concrete Barriers	1.6 m <sup>3</sup>
	Single Size	28.118 m <sup>3</sup>
January 27, 2015	Concrete Barriers	1.6 m <sup>3</sup>
January 28, 2015	Concrete Barriers	1.6 m <sup>3</sup>
	Single Size Material	57.565 ton
January 29, 2015	Concrete Barriers	1.6 m <sup>3</sup>
	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 <sup>3</sup>
	Single Size Material	57.113 ton
January 31, 2015	None	None
<b>Month : February 2015</b>		
February 1, 2015	Concrete Barriers	1.6 m <sup>3</sup>
	Somsom Material	60.932 ton
	Single Size Material	28.770 ton
February 2, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	Concrete (Blinding Concrete)/B20	5 m <sup>3</sup>
	Single Size Material	55.230 ton
	Somsom Material	28.190 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**

Last Updated: June 30 ,2015

Material Log		
Date	Material Delivered to Site	Quantity
February 3, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	Single Size Material	27.630 ton
	Somsom Material	28.960 ton
February 4, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	Single Size Material	27.630 ton
	Concrete (Foundation)	10.5 m <sup>3</sup>
	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 <sup>o</sup>	8 PCs
16" Elbows 45 <sup>o</sup>	12 PCs	
February 5, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	Single Size Material	111,140 ton
	Somsom Material	86,570 ton
February 6, 2015		
February 7, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	Concrete (B300/Mofalfal)	8.0 m3
	Single Size Material	30.460 ton
February 8, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	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 <sup>3</sup>
	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 <sup>3</sup>
	Single Size Material	82.100 ton
	Somsom Material	29.030 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**

Last Updated: June 30 ,2015

Material Log		
Date	Material Delivered to Site	Quantity
February 11, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	Single Size Material	53.910 ton
	Somsom Material	55.600 ton
	Concrete	15 m <sup>3</sup>
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 <sup>3</sup>
	Concrete (Top Slab)	8.5 m <sup>3</sup>
	Single Size Material	54.080 ton
	Somsom Material	83.820 ton
February 16, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	Single Size Material	24.820 ton
February 17, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	Single Size Material	57.060 ton
	Somsom Material	53.180 ton
	Single Size Material	24.450 ton
	Concrete (Foundations)	7 m <sup>3</sup>
	Concrete (Encasement)	2 m <sup>3</sup>
February 18, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	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 <sup>3</sup>
	Base Course Material	22.170 ton



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**Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi**  
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Material Log		
Date	Material Delivered to Site	Quantity
February 24, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	Base Course Material	20.970 ton
	Concrete (400 mm Check Valve)	4 m <sup>3</sup>
February 25, 2015	Concrete Barriers	1.6 m3
	Single Size Material	27.840 ton
	Single Size Material	26.530 ton
February 26, 2015	Concrete Barriers	1.6 m3
	Single Size Material	27.130 ton
	Somsom Material	28.210 ton
	Concrete(Yatta Junction)	6.0 m3
February 27, 2015		
February 28, 2015	Concrete Barriers	1.6 m3
	Single Size Material	51.350 ton
	Somsom Material	28.570 ton
	Concrete(Yatta Junction)	2.0 m3
<b>March , 2015</b>		
March 1, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	Concrete (Al Safi Booster Station)	6.5 m <sup>3</sup>
March 2, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	Single Size Material	111.480 ton
	Somsom Material	54.190 ton
March 3, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	Concrete (Al Safi Booster Station)	9.5 m <sup>3</sup>
	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 <sup>3</sup>
	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 <sup>3</sup>
	Concrete (Al Safi Booster Station)	4 m <sup>3</sup>
	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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**Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi  
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Material Log		
Date	Material Delivered to Site	Quantity
March 7, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	Concrete (Al Safi Booster Station)	6 m <sup>3</sup>
	Single Size Material	56.120 ton
March 8, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	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 <sup>3</sup>
	Somsom Material	27.660 ton
	Single Size Material	26.040 ton
March 10, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
March 11, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	Concrete (500mm Check Valve Chamber)	3.0 m <sup>3</sup>
March 12, 2015		
March 13, 2015		
March 14, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	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 <sup>3</sup>
	Concrete (Yatta Junction)	6.0 m <sup>3</sup>
	Somsom Material	28.490 ton
March 16, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	Concrete (Yatta Junction)	2.0 m <sup>3</sup>
	Somsom Material	51.920 ton
March 17, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	Single size material	53.450 ton
	Base Course Material	57.810 ton
March 18, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
March 19, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
March 20, 2015		
March 21, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	Somsom Material	20.930 ton
March 22, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	Welding Machine	2 Machine
	Nitoproof 30 (18 liter)	10 Barrel
	Somsom Material	47.260 ton



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**Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi**  
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Material Log		
Date	Material Delivered to Site	Quantity
March 23, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
March 24, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	Somsom Material	74.350 ton
March 25, 2015	Concrete (Yatta Junction)	4 m <sup>3</sup>
	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
March 26, 2015	Somsom Material	48.220 ton
	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
March 27, 2015	Concrete (Yatta Junction)	7.0 m <sup>3</sup>
	Concrete (Safety Signs)	1 m <sup>3</sup>
	Somsom Material	46.410 ton
March 28, 2015	Concrete (Concrete Barriers)	1.6 m <sup>3</sup>
	Concrete (Yatta Junction)	1.5 m <sup>3</sup>
	Concrete (Safety Signs)	1.5 m <sup>3</sup>
	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
<b>April, 2015</b>		
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
02-Apr-15	4" Elbow 90° Epoxy Coating	190 PCs
	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 <sup>3</sup>	



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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
	20" Steel Pipes (54 Pipes X12.2m)	658.8 m long
06-Apr-15	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
	750mm Manhole Cover	68 PCs
	Concrete (Ras At Tawil Emergency Chamber)	8 m <sup>3</sup>
07-Apr-15	Somsom Material	58.880 ton
	Single Size Material	144.160 ton
	Base Course Material	59.360 ton
	20" Steel Pipes (54 Pipes X12.2m)	658.8 m long
08-Apr-15	Somsom Material	87.550 ton
	Single Size Material	91.870 ton
	Base Course Material	132.010 ton
	Concrete (Ras At Tawil Emergency Chamber)	4 m <sup>3</sup>
09-Apr-15	Somsom Material	88.140 ton
	Single Size Material	138.510 ton
	Base Course Material	60.250 ton
April 10, 2015		
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 <sup>3</sup>
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 <sup>3</sup>
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 <sup>3</sup>
		9 LM long
	Asphalt Materials	56.58 Ton
	Concrete (500mm BFV)	2.5 m <sup>3</sup>
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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Date	Material Delivered to Site	Quantity
	Concrete (Encasement)	20.5 LM long 19.0 m <sup>3</sup>
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 <sup>3</sup>
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
<b>May, 2015</b>		
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 <sup>3</sup>
	3" Blind Flange	5 PCs
	4" Blind Flange	4 PCs
May 4, 2015	8" Blind Flange	2 PCs
	Somsom Material	119.580 ton
	Single Size Material	108.990 ton
	Base Course Material	301.00 ton
	Concrete Encasement	10 M <sup>3</sup>



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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 <sup>3</sup> )
	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 <sup>3</sup>
	Concrete (F. M. Chamber)	17 m <sup>3</sup>
	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 <sup>3</sup>
	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



**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**

Last Updated: June 30 ,2015

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 <sup>3</sup>
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 <sup>3</sup>
	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 <sup>3</sup>



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

Last Updated: June 30 ,2015

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 <sup>3</sup>
	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 <sup>3</sup>
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**

Last Updated: June 30 ,2015

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 <sup>3</sup>
	Pre-Cast Chamber	2 PCs
May 27, 2015	Somsom Material	123.250 ton
	Base Course Material	91.500 ton
	Concrete Encasement	11.5 m <sup>3</sup>
May 28, 2015	Somsom Material	328.875 ton
	Base Course Material	33.200 ton
	Concrete Encasement	9.0 m <sup>3</sup>
	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 <sup>3</sup>
May 31, 2015	Somsom Material	272.490 ton
	Base Course Material	153.980 ton
	Concrete Encasement	11.0 m <sup>3</sup>
	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	
<b>June, 2015</b>		
June 1, 2015	Somsom Material	152.140 ton
	Single Size Material	32.285 ton
	Base Course Material	27.930 ton
	Precast Chamber	2 PCs
	20" Steel Pipes (18 Pipes)	219.6 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	18 PCs
	Somsom Material	89.810 ton
	Base Course Material	298.10 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**

Last Updated: June 30 ,2015

Material Log		
Date	Material Delivered to Site	Quantity
June 2, 2015	20" Steel Pipes (18 Pipes)	219.6 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	18 PCs
	3" Gate Valves / PN16 / Raphael	24 PCs
	20" Elbow 90°	2 PCs
June 3, 2015	Somsom Material	206.010 ton
	Base Course Material	206.010 ton
	20" Steel Pipes (9 Pipes)	109.8 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	9 PCs
	Concrete encasement	13.5 m <sup>3</sup>
	Chamber Steps	100 PCs
	Lokfix (FOSROC)	3 Bucket
	Nitocote EPU (FOSROC)	2 Bucket
June 4, 2015	Nitocote EP405 (FOSROC)	5 Bucket
	Somsom Material	90.680 ton
	Single Size Material	59.600 ton
June 5, 2015	Base Course Material	59.390 ton
June 6, 2015	Somsom Material	32.115 ton
	Single Size Material	29.127 ton
	Base Course Material	28.179 ton
June 7, 2015	Somsom Material	114.415 ton
	Single Size Material	117.693 ton
	Base Course Material	62.351 ton
	Concrete Encasement	12.0 m <sup>3</sup>
June 8, 2015	Somsom Material	118.130 ton
	Single Size Material	59.350 ton
	Base Course Material	83.350 ton
	Precast Chamber (1.5X1.5X2.0)	2 PCs
	20" Steel Pipes (9 Pipes)	109.8 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	9 PCs
	½" KSB Ball Valve	22 PCs
1" KSB Ball Valve	2PCs	
June 9, 2015	Somsom Material	101.375 ton
	Single Size Material	69.680 ton
	Base Course Material	64.157 ton
	Precast Chamber (1.5X1.5X1.8)	1 PCs
	20" Steel Pipes (8 Pipes)	97.6 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	8 PCs
June 10, 2015	Somsom Material	230.470 ton
	Single Size Material	244.850 ton
	Base Course Material	76.123 ton
	Instrumentations (Electromagnetic Flowmeters)	IR-140
	Encasement Concrete	5.5 m <sup>3</sup>



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

Last Updated: June 30 ,2015

Material Log		
Date	Material Delivered to Site	Quantity
	Concrete	17.5 m <sup>3</sup>
June 11, 2015	Somsom Material	115.355 ton
	Single Size Material	396.335 ton
	Base Course Material	210.480 ton
	Encasement Concrete	82 m <sup>3</sup>
	3" Steel Pipes (8 Pipes)	94.4 m long
	3" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	8 PCs
	14" Steel Pipes (1 Pipe)	11.8 m long
	14" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	1 PCs
June 12, 2015		
June 13, 2015	Single Size Material	86.250 ton
	Base Course Material	351.570 ton
June 14, 2015	None	None
June 15, 2015	Concrete	21 m <sup>3</sup>
June 16, 2015	Precast Chambers	3 PCs
	Encasement Concrete	24 m <sup>3</sup>
June 17, 2015	Somsom Material	30.605 ton
	Single Size Material	106.440 ton
	Base Course Material	133.890 ton
	Precast Chambers	2 PCs
	Precast Chamber	1 PCs
June 18, 2015	Base Course Material	216.090 ton
	Concrete	15 m <sup>3</sup>
June 19, 2015		
June 20, 2015	Base Course Material	1,108.430 ton
	Single Size Material	84.100 ton
June 21, 2015	Base Course Material	36.760 ton
	Single Size Material	26.840 ton
	Encasement Concrete	4.5 m <sup>3</sup>
June 22, 2015	Base Course Material	554.280 ton
	Concrete	4.0 m <sup>3</sup>
	Encasement Concrete	2.5 m <sup>3</sup>
June 23, 2015	Somsom Material	31.280 ton
	Single Size Material	54.520 ton
	Base Course Material	130.095 ton
	Test Station	10 PCs
June 24, 2015	Single Size Material	183.465 ton
	Base Course Material	242.445 ton
	Concrete	7.5 m <sup>3</sup>
	Precast Chambers	2 PCs
June 25, 2015	Somsom Material	32.650 ton
	Base Course Material	301.730 ton



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

Last Updated: June 30 ,2015

Material Log		
Date	Material Delivered to Site	Quantity
June 26, 2015		
June 27, 2015	Base Course Material	93.820 ton
	Base Course Material	425.870 ton
	Butterfly Valves	IR-162-A
	Flanged Gate Valves	IR-163-A
	Dismantling Joints	IR-164-A
	Mechanical Coupling	IR-164-A
June 28, 2015	Single Size Material	32.060 ton
June 29, 2015	Single Size Material	27.710 ton
	Base Course Material	781.435 ton
	Concrete	6.5 m <sup>3</sup>
June 30, 2015	Single Size Material	28.880 ton
	10" Electromagnetic Flowmeter	2 PCs
	Chamber Steps	180 PCs



























# Annex B:

## Site Memorandum 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 :June 30, 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	<del>SM-14-00002-UDSI-E-C-005</del>	UDSI	<del>SM-14-00002-UDSI-E-C-005. Revised Site memo No.3</del>	<del>March 2, 2015</del>	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
9	SM-14-00002-UDSI-E-C-008	UDSI	Additional Concrete Encasement For Double Trench.	June 11, 2015	Site Instruction
10	SM-14-00002-UDSI-E-C-009	UDSI	Letter From Sa'er Miunicipality-Rehabilitations for UDSI House Connections.	June 14, 2015	Site Instruction
11	SM-14-00002-UDSI-E-C-010	UDSI	Rehabilitations for UDSI House Connections.	June 15, 2015	Record of joint walkthrough



# Annex C:

## Inspection Request 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 :June 30, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection 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 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	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 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	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	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	1	Retracted	
7	IR-14-00002-UDSI-005-A	Delivered Material (16" Butterfly valve -HAKOHAV / DN400PN40)	January 12, 2015	January 13, 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 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	February 5, 2015	11	Retracted	
10	IR-14-00002-UDSI-006-A	Formwork and steel reinforcement for flow monitoring & flow control valve assembly prior to cast of concrete. Time of Cast concrete: March 07, 2015 at 02:30 PM	March 7, 2015	March 7, 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	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 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 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 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 1, 2015	0	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 :June 30, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
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	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 2, 2015	0	A	
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 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). •16" Elbows 45o (4 PCs).	February 5, 2015	February 5, 2015	February 5, 2015	0	A	
20	IR-14-00002-UDSI-015-A	Install of Tec for Al Safi Booster Station Connection	February 7, 2015	February 7, 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 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	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 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	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	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	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			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 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	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	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 :June 30, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
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 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	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	1	A	
34	IR-14-00002-UDSI-028-A	Formwork and Steel reinforcement for DN300 butterfly valve chamber walls prior to cast of concrete. Time of Cast concrete: March 01, 2015 at 04:30 PM.	March 1, 2015	March 1, 2015	March 2, 2015	1	A	
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 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 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	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 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	1	C	
40	IR-14-00002-UDSI-032-B	<b>Surface preparation for walls of DN400mm Butterfly Valve Chamber at Al Safi Booster Station prior to apply bitumen (1st Coat &amp; 2nd Coat).</b>	March 7, 2015	March 7, 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 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	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	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 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 5, 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 :June 30, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
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	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 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 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 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	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	1	C	
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 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 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 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 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 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 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 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 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 22, 2015	0	A	

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 :June 30, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
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 22, 2015	0	A	
62	<del>IR-14-00002-UDSI-050-A</del>	<del>Inspect of casted Manhole-</del>	<del>March 23, 2015</del>	<del>March 24, 2015</del>	<del>March 24, 2015</del>	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 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 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 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 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 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	1	A	
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 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	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 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	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 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 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	1	A	



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 Booster Station - Phase I Pipeline Connection**

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INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
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	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	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 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. Time of Cast concrete: April 08, 2015 at 01:30 PM.	April 7, 2015	April 8, 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 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	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 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 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 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 15, 2015	0	A	
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	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 19, 2015	3	C	
88	IR-14-00002-UDSI-072-B	Inspect of delivered material: 1", 2", 3", 4" AND 6" Combination Air Release Valve. Refer to attached Material Receiving Report and certificates.	June 15, 2015	June 15, 2015	June 21, 2015	6	A	
89	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. Time of Cast concrete: April 18, 2015 at 03:30 PM.	April 16, 2015	April 18, 2015	April 20, 2015	2	C	A
90	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 23, 2015	3	C	



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No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
91	IR-14-00002-UDSI-074-B	Inspect of delivered material: Flange Gasket 2mm thickness-type AFM34 (VICTOR REINZ). Refer to attached Material Receiving Report.	June 24, 2015	June 24, 2015	June 25, 2015	1	A	
92	IR-14-00002-UDSI-075-A	Radiographic Tests for welded joints.	April 19, 2015	April 20, 2015	April 21, 2015	1	A	
93	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 20, 2015	0	A	
94	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 21, 2015	0	A	
95	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 22, 2015	0	A	
96	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 22, 2015	0	A	
97	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. Time of Asphalt: April 28, 2015 at 08:00 AM	April 27, 2015	April 27, 2015	April 28, 2015	1	A	
98	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 29, 2015	0	A	
99	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 5, 2015	5	A	
100	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	
101	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	
102	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	
103	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	
104	IR-14-00002-UDSI-086-B	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	June 23, 2015	June 23, 2015	June 23, 2015	0	A	
105	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 11, 2015	0	D	

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



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INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
106	IR-14-00002-UDSI-087-B	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	June 23, 2015	June 23, 2015	June 23, 2015	0	A	
107	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	
108	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	
109	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	
110	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	
111	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	
112	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	
113	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	1	A	
114	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	
115	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	
116	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	
117	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	
118	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	
119	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 17, 2015	0	A	
120	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	



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No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
121	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	
122	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
123	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	
124	IR-14-00002-UDSI-105-A	Inspect of delivered material: Pressure Gauge Assembly WIK A Model no. 233.34. Certificates will be submitted separately. 1.Pressure Gauge Assembly WIK A Model no. 233.34 (PN25) / 8 PCs.	May 19, 2015	May 20, 2015	May 21, 2015	1	C	
125	IR-14-00002-UDSI-105-B	Inspect of delivered material: Pressure Gauge Assembly WIK A Model no. 233.34. Certificates will be submitted separately. 1.Pressure Gauge Assembly WIK A Model no. 233.34 (PN25) / 8 PCs.	June 7, 2015	June 7, 2015	June 10, 2015	3	A	
126	IR-14-00002-UDSI-106-A	Inspect of delivered material: Ball Valve, Certificates will be submitted separately. 1.6" Flow Control Valve / 1 PC 2.10" Flow Control Valve / 2 PCs 3.10" Proportional Pressure Reducing Valve / 2 PCs	May 19, 2015	May 20, 2015	May 24, 2015	4	D	
127	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	
128	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	
129	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	
130	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.(Combination Air Valve)	May 20, 2015	May 20, 2015	May 21, 2015	1	A	
131	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.(Combination Air Valve)	May 20, 2015	May 20, 2015	May 21, 2015	1	A	
132	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	1	A	
133	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	
134	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	
135	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	

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



**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 :June 30, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
136	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	
137	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.(Combination Air Valve)	May 28, 2015	May 28, 2015	May 28, 2015	0	A	
138	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	1	C	
139	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.Combination Air Valve	May 28, 2015	May 28, 2015	May 28, 2015	0	A	
140	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	
141	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 30, 2015	May 30, 2015	May 31, 2015	1	A	
142	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	
143	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	
144	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	
145	IR-14-00002-UDSI-120-A	Pressure Leakage Test for 150m steel pipeline	May 25, 2015	May 25, 2015	May 26, 2015	1	A	
146	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	
147	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	
148	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 30, 2015	May 30, 2015	May 31, 2015	1	A	
149	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 30, 2015	May 30, 2015	May 31, 2015	1	A	
150	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 30, 2015	May 30, 2015	May 31, 2015	1	A	



**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 :June 30, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
151	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	May 31, 2015	0	A	
152	IR-14-00002-UDSI-127-A	Installed of 3" Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 3+631 prior to backfilling works around and above the chamber.	June 1, 2015	June 1, 2015	June 1, 2015	0	A	
153	IR-14-00002-UDSI-128-A	Inspect of delivered material: 3" Gate Valve/Raphael. Refer to attached material; receiving report. Certificates will be submitted separately. 1.3" Gate Valve /PN16 – 24 PCs.	June 2, 2015	June 2, 2015	June 3, 2015	1	A	
154	IR-14-00002-UDSI-129-A	Installed of 3" Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 3+852 prior to backfilling works around and above the chamber.	June 4, 2015	June 4, 2015	June 4, 2015	0	A	
155	IR-14-00002-UDSI-130-A	Inspect of delivered material: 6" and 20" Steel Pipes and Pipe Heat Shrinkable Sleeve. Refer to attached Material Receiving Report.	June 7, 2015	June 7, 2015	June 7, 2015	0	A	
156	IR-14-00002-UDSI-131-A	Installed of 3" Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 1+820 prior to backfilling works around and above the chamber.	June 7, 2015	June 7, 2015	June 7, 2015	0	A	
157	IR-14-00002-UDSI-132-A	Marking the location and safety arrangement for Flow Monitoring Chamber at STA: 5+580 prior to start excavation.	June 7, 2015	June 7, 2015	June 7, 2015	0	D	
158	IR-14-00002-UDSI-132-B	Marking the location and safety arrangement for Flow Monitoring Chamber at STA: 5+580 prior to start excavation.	June 8, 2015	June 8, 2015	June 9, 2015	1	D	
159	IR-14-00002-UDSI-132-C	Marking the location and safety arrangement for Flow Monitoring Chamber at STA: 5+580 prior to start excavation.	June 14, 2015	June 14, 2015	June 15, 2015	1	A	
160	IR-14-00002-UDSI-133-A	Installed of 3" Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 0+960 prior to backfilling works around and above the chamber.	June 8, 2015	June 8, 2015	June 9, 2015	1	A	
161	IR-14-00002-UDSI-134-A	Radiographic Tests for welded joints (6" and 20"). Location: STA: 5+100 (15 Joints 20" & 15 Joints 6")	June 9, 2015	June 9, 2015	June 9, 2015	0	A	
162	IR-14-00002-UDSI-135-A	Installed of DN200mm washout precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes (chamber piping) for DN500mm Pipeline / STA: 3+514 prior to backfilling works around and above the chamber.	June 9, 2015	June 9, 2015	June 11, 2015	2	C	
163	IR-14-00002-UDSI-135-B	Installed of DN200mm washout precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes (chamber piping) for DN500mm Pipeline / STA: 3+514 prior to backfilling works around and above the chamber.	June 14, 2015	June 14, 2015	June 15, 2015	1	A	
164	IR-14-00002-UDSI-136-A	Radiographic Tests for welded joints (12 Joints from 20" pipeline and 12 Joints from 6" pipeline).	June 9, 2015	June 10, 2015	June 11, 2015	1	A	
165	IR-14-00002-UDSI-137-A	Inspect of delivered material: 20" Steel Pipes and Pipe Heat Shrinkable Sleeve. Refer to attached Material Receiving Report.	June 9, 2015	June 10, 2015	June 11, 2015	1	A	
166	IR-14-00002-UDSI-138-A	Formwork and steel reinforcement for Foundation of Flow Monitoring Chamber at STA: 5+580 prior to cast of concrete. Time of Cast concrete: June 10, 2015 at 03:30 PM	June 9, 2015	June 10, 2015	June 11, 2015	1	A	
167	IR-14-00002-UDSI-139-A	Pressure Leakage Test for 150m steel pipeline from STA: 0+960 to STA: 2+367. Refer to the attached Pressure Leakage Test Log. Location: 150mm Pipeline from STA: 0+960 to STA: 2+367	June 10, 2015	June 10, 2015	June 11, 2015	1	A	



**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**

Updated Date :June 30, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
168	IR-14-00002-UDSI-140-A	Inspect of delivered material: Electromagnetic Flowmeters and instrumentations as attached Material Receiving Report. Certificates will be submitted separately. Location: Storage Yard	June 11, 2015	June 11, 2015	June 17, 2015	6	C	
169	IR-14-00002-UDSI-140-B	Inspect of delivered material: Electromagnetic Flowmeters and instrumentations as attached Material Receiving Report. Certificates will be submitted separately. Location: Storage Yard	June 23, 2015	June 23, 2015	June 23, 2015	0	A	
170	IR-14-00002-UDSI-141-A	Radiographic Tests for welded joints (9 Joints from 20" pipeline and 6 Joints from 6" pipeline). Location: STA: 5+400	June 11, 2015	June 11, 2015	June 14, 2015	3	A	
171	IR-14-00002-UDSI-142-A	Asphalt removal and subgrade preparation from STA: 2+100 to STA: 2+520 and from STA: 2+600 to STA: 3+100. Tests reports will be submitted separately. Location: from STA: 2+100 to STA: 2+520 & from STA: 2+600 to STA: 3+100.	June 11, 2015	June 11, 2015	June 11, 2015	0	D	
172	IR-14-00002-UDSI-142-B	Asphalt removal and subgrade preparation from STA: 2+100 to STA: 2+520 and from STA: 2+600 to STA: 3+100. Tests reports will be submitted separately. Location: from STA: 2+100 to STA: 2+520 & from STA: 2+600 to STA: 3+100.	June 21, 2015	June 21, 2015	June 21, 2015	0	C	
173	IR-14-00002-UDSI-143-A	Installed of 3" Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 4+098 prior to backfilling works around and above the chamber.	June 14, 2015	June 14, 2015	June 15, 2015	1	A	
174	IR-14-00002-UDSI-144-A	Installed of DN80mm washout precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes (chamber piping) for DN150mm Pipeline / STA: 3+995 prior to backfilling works around and above the chamber. Location: Washout Chamber / STA: 3+995	June 14, 2015	June 14, 2015	June 15, 2015	1	A	
175	IR-14-00002-UDSI-145-A	Installed of transition coupling and complete of northern connecting the 500mm Steel pipes to existing 500mm DIP. Location: STA: 5+580	June 14, 2015	June 14, 2015	June 14, 2015	0	C	
176	IR-14-00002-UDSI-145-B	Installed of transition coupling and complete of northern connecting the 500mm Steel pipes to existing 500mm DIP. Location: STA: 5+580	June 17, 2015	June 17, 2015	June 18, 2015	1	A	
177	IR-14-00002-UDSI-146-A	Inspect of delivered material: 1/2" and 1" KSB Ball Valves as attached Material Receiving Report and Certificates.	June 14, 2015	June 15, 2015	June 15, 2015	0	A	
178	IR-14-00002-UDSI-147-A	Formwork and steel reinforcement for Walls of Flow Monitoring Chamber at STA: 5+562 prior to cast of concrete.	June 14, 2015	June 15, 2015	June 15, 2015	0	A	
179	IR-14-00002-UDSI-148-A	Inspect of delivered material: Bolts, Washers and Nuts as attached Material Receiving Report and Certificates.	June 15, 2015	June 16, 2015	June 17, 2015	1	A	
180	IR-14-00002-UDSI-149-A	Formwork and steel reinforcement for Top Slab of Flow Monitoring Chamber at STA: 5+562 prior to cast of concrete.	June 18, 2015	June 18, 2015	June 18, 2015	0	A	
181	IR-14-00002-UDSI-150-A	Pressure Leakage Test for 500mm steel pipeline from STA: 1+017 to STA: 2+510. Refer to the attached Pressure Leakage Test Log. Location: 500mm Pipeline from STA: 1+017 to STA: 2+510	June 18, 2015	June 18, 2015	June 18, 2015	0	A	
182	IR-14-00002-UDSI-151-A	Inspect of delivered material: Insulating Flange Kit /SGM as attached Material Receiving Report. Certificates will be submitted separately	June 21, 2015	June 21, 2015	June 21, 2015	0	A	
183	IR-14-00002-UDSI-152-A	Installed of DN100mm combination air vent precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes (chamber piping) for DN500mm Pipeline / STA: 3+860 prior to backfilling works around and above the chamber.	June 21, 2015	June 21, 2015	June 22, 2015	1	A	



**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 :June 30, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
184	IR-14-00002-UDSI-153-A	Installed of DN80mm combination air vent precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes (chamber piping) for DN150mm Pipeline / STA: 3+862 prior to backfilling works around and above the chamber.	June 21, 2015	June 21, 2015	June 22, 2015	1	A	
185	IR-14-00002-UDSI-154-A	Subgrade Preparation and Asphalt Removal for the road from STA: 3+100 to STA: 3+850. Tests reports will be submitted separately.	June 21, 2015	June 21, 2015	June 22, 2015	1	C	
186	IR-14-00002-UDSI-154-B	Subgrade Preparation and Asphalt Removal for the road from STA: 3+100 to STA: 3+850. Tests reports will be submitted separately.	June 25, 2015	June 27, 2015	June 28, 2015	1	A	
187	IR-14-00002-UDSI-155-A	Installed of DN200mm washout precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes (chamber piping) for DN500mm Pipeline / STA: 4+004 prior to backfilling works around and above the chamber.	June 22, 2015	June 22, 2015	June 23, 2015	1	C	
188	IR-14-00002-UDSI-156-A	Formwork and steel reinforcement for foundation of Butterfly Valve Chamber at STA: 5+557 prior to cast of concrete.	June 22, 2015	June 22, 2015	June 22, 2015	0	A	
189	IR-14-00002-UDSI-157-A	Installed of 3" Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 4+575 prior to backfilling works around and above the chamber	June 22, 2015	June 23, 2015	June 24, 2015	1	A	
190	IR-14-00002-UDSI-158-A	Pressure Leakage Test for 400mm steel pipeline for AI Safi Booster Station. Refer to the attached Pressure Leakage Test Log.	June 23, 2015	June 23, 2015	June 23, 2015	0	A	
191	IR-14-00002-UDSI-159-A	Inspect of delivered material: Cathodic Protection System Test Station as attached Material Receiving Report. Certificates will be submitted separately	June 23, 2015	June 23, 2015	June 23, 2015	0	A	
192	IR-14-00002-UDSI-160-A	Formwork and steel reinforcement for Walls of 14" Butterfly Valve Chamber at STA: 5+557 prior to cast of concrete.	June 23, 2015	June 23, 2015	June 24, 2015	1	A	
193	IR-14-00002-UDSI-161-A	Formwork and steel reinforcement for Top Slab of 14" Butterfly Valve Chamber at STA: 5+557 prior to cast of concrete.	June 25, 2015	June 27, 2015	June 28, 2015	1	D	
194	IR-14-00002-UDSI-161-B	Formwork and steel reinforcement for Top Slab of 14" Butterfly Valve Chamber at STA: 5+557 prior to cast of concrete.	June 29, 2015	June 29, 2015	June 29, 2015	0	A	
195	IR-14-00002-UDSI-162-A	Inspect of delivered material: Motorizable Butterfly Valves as attached Material Receiving Report. Certificates will be submitted separately	June 28, 2015	June 28, 2015			P	
196	IR-14-00002-UDSI-163-A	Inspect of delivered material: Flanged Gate Valves as attached Material Receiving Report. Certificates will be submitted separately	June 28, 2015	June 28, 2015	June 29, 2015	1	C	
197	IR-14-00002-UDSI-164-A	Inspect of delivered material: Mechanical Coupling and Dismantling Joints as attached Material Receiving Report. Certificates will be submitted separately	June 28, 2015	June 28, 2015			P	
198	IR-14-00002-UDSI-165-A	Compaction of Topping Layer and Backfilling material for the road from STA: 3+440 to STA: 3+850. Tests reports will be submitted separately.	June 28, 2015	June 28, 2015	June 29, 2015	1	A	
199	IR-14-00002-UDSI-166-A	Installed of 6" Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 4+895 prior to backfilling works around and above the chamber.	June 28, 2015	June 28, 2015	June 29, 2015	1	C	

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



**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 :June 30, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
200	IR-14-00002-UDSI-166-B	Installed of 6" Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes / STA: 4+895 prior to backfilling works around and above the chamber.	June 30, 2015	July 1, 2015			P	
201	IR-14-00002-UDSI-167-A	Surface preparation and Applying of Bitumen Coating (1st and 2nd Layers) for Flow Monitoring Chamber at STA: 5+562 prior to start backfilling around and above the chamber.	June 28, 2015	June 28, 2015	June 29, 2015	1	A	
202	IR-14-00002-UDSI-168-A	Installed of DN200mm washout precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes (chamber piping) for DN500mm Pipeline / STA: 5+521 prior to backfilling works around and above the chamber.	June 28, 2015	June 28, 2015	June 29, 2015	1	C	
203	IR-14-00002-UDSI-169-A	Formwork and steel reinforcement for Foundation of 20" Butterfly Valve Chamber at STA: 5+115 prior to cast of concrete.	June 29, 2015	June 29, 2015	June 29, 2015	0	A	
204	IR-14-00002-UDSI-170-A	Inspect of delivered material : 10" electromagnatic flowmeter (MAG8000) as attached material receiving report and certificates	June 30, 2015	June 30, 2015			P	
205	IR-14-00002-UDSI-171-A	Installed of DN150mm Combination Air Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for 20" Pipeline / STA: 4+393 prior to backfilling works around and above the chamber.	June 30, 2015	July 1, 2015			P	
206	IR-14-00002-UDSI-172-A	Installed of DN80mm Combination Air Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for 6" Pipeline / STA: 4+395 prior to backfilling works around and above the chamber.	June 30, 2015	July 1, 2015			P	



# Annex D:

## Submittals Log



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



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

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

Updated Date :June 30,2015

**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
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



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

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

Updated Date :June 30,2015

**TASK ORDER SUBMITTALS LOG**

No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
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-012-D	UDSI	PN16 & PN25 Butterfly Valves	Material-Mec	June 29, 2015	July 29, 2015	June 30, 2015		Retracted
25	SUB-14-00002-UDSI-013-A	UDSI	Strainer	Material-Mec	November 11, 2014	December 11, 2014	November 19, 2014	8	C
26	SUB-14-00002-UDSI-013-B	UDSI	Strainer	Material-Mec	December 27, 2014	January 26, 2015	January 4, 2015	8	B
27	SUB-14-00002-UDSI-013-C	UDSI	Strainer - CMC Reply Comments	Material-Mec	March 26, 2015	April 25, 2015	March 26, 2015	0	A
28	SUB-14-00002-UDSI-014-A	UDSI	Flanged Socket	Material-Mec	November 11, 2014	December 11, 2014	November 19, 2014	8	D
29	SUB-14-00002-UDSI-014-B	UDSI	Flanged Socket	Material-Mec	December 30, 2014	January 29, 2015	January 11, 2015	12	C
30	SUB-14-00002-UDSI-014-B	UDSI	Flanged Socket	Material-Mec	December 8, 2014	January 7, 2015	Retracted Date dec 21, 2014	#VALUE!	Retracted
31	SUB-14-00002-UDSI-014-C	UDSI	Flanged Socket	Material-Mec	January 21, 2015	February 20, 2015	February 4, 2015	14	B
32	SUB-14-00002-UDSI-014-D	UDSI	Flanged Socket	Material-Mec	April 12, 2015	May 12, 2015	April 14, 2015	2	A
33	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
34	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
35	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
36	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



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

Updated Date :June 30,2015

TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
37	SUB-14-00002-UDSI-017-A	UDSI	PN16 & PN25 Dismantling Joint	Material-Mec	November 12, 2014	December 12, 2014	November 19, 2014	7	C
38	SUB-14-00002-UDSI-017-B	UDSI	PN16 & PN25 Dismantling Joint	Material-Mec	November 26, 2014	December 26, 2014	December 8, 2014	12	C
39	SUB-14-00002-UDSI-017-C	UDSI	PN16 & PN25 Dismantling Joint	Material-Mec	December 9, 2014	January 8, 2015	December 16, 2014	7	B
40	SUB-14-00002-UDSI-017-D	UDSI	PN16 & PN25 Dismantling Joint	Material-Mec	March 29, 2015	April 28, 2015	March 30, 2015	1	A
41	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
42	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
43	<del>SUB-14-00002-UDSI-018-C</del>	UDSI	<del>Pressure Differential Switch (Ashcroft) Multiple Site</del>	<del>Material-Mec</del>	<del>January 21, 2015</del>	February 20, 2015	<del>January 28, 2015</del>	7	Retracted
44	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
45	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
46	SUB-14-00002-UDSI-019-A	UDSI	Pressure Transmitter - AL-Safi	Material-Mec	November 13, 2014	December 13, 2014	November 23, 2014	10	C
47	SUB-14-00002-UDSI-019-B	UDSI	Pressure Transmitter - AL-Safi	Material-Mec	December 8, 2014	January 7, 2015	December 22, 2014	14	B
48	SUB-14-00002-UDSI-020-A	UDSI	Pressure Transmitter - Multiple	Material-Mec	November 13, 2014	December 13, 2014	November 25, 2014	12	D
49	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
50	SUB-14-00002-UDSI-021-A	UDSI	Lighting Surge Arrestor	Material-Mec	November 13, 2014	December 13, 2014	November 25, 2014	12	A
51	SUB-14-00002-UDSI-022-A	UDSI	Electromagnetic Flowmeter - MAG5100	Material-Mec	November 13, 2014	December 13, 2014	November 25, 2014	12	D
52	<del>SUB-14-00002-UDSI-022-B</del>	UDSI	<del>Electromagnetic Flowmeter -MAG 3100</del>	<del>Material-Mec</del>	<del>December 10, 2014</del>	January 9, 2015	<del>December 23, 2014</del>	13	Retracted
53	SUB-14-00002-UDSI-022-B	UDSI	Electromagnetic Flowmeter -MAG 3101	Material-Mec	January 21, 2015	February 20, 2015	February 3, 2015	13	A
54	SUB-14-00002-UDSI-023-A	UDSI	Electromagnetic Flowmeter MAG8000	Material-Mec	November 13, 2014	December 13, 2014	November 30, 2014	17	C



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55	SUB-14-00002-UDSI-023-B	UDSI	Electromagnetic Flowmeter MAG8000	Material-Mec	December 8, 2014	January 7, 2015	December 18, 2014	10	B
56	SUB-14-00002-UDSI-023-C	UDSI	Electromagnetic Flowmeter MAG8000	Material-Mec	April 15, 2015	May 15, 2015	April 19, 2015	4	A
57	SUB-14-00002-UDSI-024A	UDSI	6" & 20" Steel Pipes	Material-Mec	November 17, 2014	December 17, 2014	November 19, 2014	2	C
58	SUB-14-00002-UDSI-024-B	UDSI	20" Steel Pipes	Material-Mec	December 2, 2014	January 1, 2015	December 8, 2014	6	B
59	SUB-14-00002-UDSI-024-C	UDSI	20" Steel Pipes	Material-Mec	April 15, 2015	May 15, 2015	April 16, 2015	1	A
60	SUB-14-00002-UDSI-025-A	UDSI	<del>Construction Risk Management Plan</del>	Pre-Construction	<del>November 17, 2014</del>	December 17, 2014	<del>December 2, 2014</del>	45	Retracted
61	SUB-14-00002-UDSI-025-A	UDSI	Construction Risk Management Plan	Pre-Construction	December 16, 2014	January 15, 2015	December 22, 2014	6	A
62	SUB-14-00002-UDSI-026-A	UDSI	Storage Yard	Pre-Construction	November 17, 2014	December 17, 2014	November 18, 2014	1	B
63	SUB-14-00002-UDSI-026-B	UDSI	Storage Yard	Pre-Construction	April 15, 2015	May 15, 2015	April 16, 2015	1	A
64	SUB-14-00002-UDSI-027-A	UDSI	Manhole Covers	Material-Civil	November 17, 2014	December 17, 2014	November 20, 2014	3	C
65	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
66	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
67	SUB-14-00002-UDSI-028-A	UDSI	Mobiles & SIM	Pre-Construction	November 19, 2014	December 19, 2014	November 20, 2014	1	A
68	SUB-14-00002-UDSI-029-A	UDSI	Fabrication Alsafi Of Steel Tee 36" X 16"	Material-Mec	November 23, 2014	December 23, 2014	November 25, 2014	2	C
69	SUB-14-00002-UDSI-029-B	UDSI	Fabrication of Steel Tee 36" X 16" - Alsafi	Material-Mec	November 27, 2014	December 27, 2014	November 30, 2014	3	B
70	SUB-14-00002-UDSI-029-C	UDSI	Fabrication of Steel Tee 36" X 16" - Alsafi	Material-Mec	March 29, 2015	April 28, 2015	March 30, 2015	1	A
71	SUB-14-00002-UDSI-030-A	UDSI	Temporary Project Signs	Pre-Construction	November 26, 2014	December 26, 2014	November 27, 2014	1	A
72	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



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No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
73	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
74	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
75	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
76	SUB-14-00002-UDSI-034-A	UDSI	3" & 4" Gate Valve (GV-2)/PN16-close out	Material-Mec	June 29, 2015	July 29, 2015	June 30, 2015	1	a
77	SUB-14-00002-UDSI-035-A	UDSI	Temporary Sign Location	Pre-Construction	December 2, 2014	January 1, 2015	December 3, 2014	1	A
78	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
79	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
80	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
81	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
82	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
83	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
84	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
85	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
86	SUB-14-00002-UDSI-041-A	UDSI	Excavation & Trenching Safety Plan	Pre-Construction	December 7, 2014	January 6, 2015	December 8, 2014	1	B
87	SUB-14-00002-UDSI-041-B	UDSI	Excavation & Trenching Safety Plan	Pre-Construction	April 15, 2015	May 15, 2015	April 15, 2015	0	A
88	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
89	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



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90	SUB-14-00002-UDSI-043-A	UDSI	Pipes Marking	Material-Mec	December 8, 2014	January 7, 2015	December 17, 2014	9	A
91	SUB-14-00002-UDSI-044-A	UDSI	6" Steel Pipes	Material-Mec	December 8, 2014	January 7, 2015	December 10, 2014	2	C
92	SUB-14-00002-UDSI-044-B	UDSI	6" Steel Pipes	Material-Mec	December 15, 2014	January 14, 2015	December 16, 2014	1	B
93	SUB-14-00002-UDSI-044-C	UDSI	6" Steel Pipes	Material-Mec	April 21, 2015	May 21, 2015	April 22, 2015	1	A
94	SUB-14-00002-UDSI-045-A	UDSI	Asphalt Mix Design	Test - Source	December 8, 2014	January 7, 2015	December 10, 2014	2	B
95	SUB-14-00002-UDSI-045-B	UDSI	Asphalt Mix Design	Test - Source	April 21, 2015	May 21, 2015	April 22, 2015	1	A
96	SUB-14-00002-UDSI-046-A	UDSI	Concrete Ready-Mix Designs		December 8, 2014	January 7, 2015	December 10, 2014	2	B
97	SUB-14-00002-UDSI-046-B	UDSI	Concrete Ready-Mix Designs	Test - Source	April 21, 2015	May 21, 2015	April 22, 2015	1	A
98	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
99	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
100	SUB-14-00002-UDSI-049-A	UDSI	Welding Procedure Specification	Material-Mec	December 10, 2014	January 9, 2015	December 16, 2014	6	B
101	SUB-14-00002-UDSI-049-B	UDSI	Welding Procedure Specification	Material-Mec	February 12, 2015	March 14, 2015	February 25, 2015	13	C
102	SUB-14-00002-UDSI-049-C	UDSI	Welding Procedure Specification	Material-Mec	March 2, 2015	April 1, 2015	March 4, 2015	2	A
103	SUB-14-00002-UDSI-050-A	UDSI	Dumping Site	Pre-Construction	December 10, 2014	January 9, 2015	December 15, 2014	5	A
104	SUB-14-00002-UDSI-051-A	UDSI	PrC-East Concrete Chamber	Material-Civil	December 11, 2014	January 10, 2015	December 22, 2014	11	B
105	SUB-14-00002-UDSI-051-B	UDSI	PrC-East Concrete Chamber	Material-Civil	April 21, 2015	May 21, 2015	April 22, 2015	1	A
106	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
107	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
108	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



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No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
109	SUB-14-00002-UDSI-053-A	UDSI	CPM Schedule	Schedule	December 11, 2014	January 10, 2015	December 31, 2014	20	C
110	SUB-14-00002-UDSI-053-B	UDSI	CPM Schedule	Schedule	January 25, 2015	February 24, 2015	January 29, 2015	4	B
111	SUB-14-00002-UDSI-053-C	UDSI	CPM Schedule	Schedule	February 8, 2015	March 10, 2015	February 11, 2015	3	A
112	SUB-14-00002-UDSI-054-A	UDSI	High Potential Magnesium Anodes	Material-Mec	December 14, 2014	January 13, 2015	December 22, 2014	8	B
113	SUB-14-00002-UDSI-054-B	UDSI	High Potential Magnesium Anodes	Material-Mec	May 5, 2015	June 4, 2015	May 10, 2015	5	A
114	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
115	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
116	SUB-14-00002-UDSI-056-A	UDSI	Check Valve	Material-Mec	December 14, 2014	January 13, 2015	January 4, 2015	21	C
117	SUB-14-00002-UDSI-056-B	UDSI	Check Valve	Material-Mec	January 22, 2015	February 21, 2015	February 3, 2015	12	B
118	SUB-14-00002-UDSI-056-C	UDSI	Check Valve	Material-Mec	May 5, 2015	June 4, 2015	May 10, 2015	5	A
119	SUB-14-00002-UDSI-057-A	UDSI	Steel Reinforcement Manufacturers Data	Material-Mec	December 14, 2014	January 13, 2015	December 15, 2014	1	B
120	SUB-14-00002-UDSI-057-B	UDSI	Steel Reinforcement Manufacturers Data	Material-Mec	May 5, 2015	June 4, 2015	May 10, 2015	5	A
121	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
122	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
123	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
124	<del>SUB-14-00002-UDSI-059-C</del>	<del>UDSI</del>	<del>Gate Valves (GV2) 6" &amp; 8" &amp; Actuators -CLOSE OUT</del>	<del>Material-Mec</del>	<del>June 29, 2015</del>	<del>July 29, 2015</del>	<del>cancelled by SAK</del>		<del>Retracted</del>
125	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
126	SUB-14-00002-UDSI-061-A	UDSI	Manhole cover inscription	Material-Civil	December 18, 2014	January 17, 2015	December 24, 2014	6	A



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No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
127	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
128	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
129	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
130	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
131	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
132	SUB-14-00002-UDSI-064-A	UDSI	Updated Submittals Schedule	Updated	December 22, 2014	January 21, 2015	December 29, 2014	7	A
133	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
134	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



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135	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
136	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
137	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
138	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
139	SUB-14-00002-UDSI-068-A	UDSI	PCS Technical Qualification (Profile & CV) Instrumentation, Integration and Programming	Material-Mec	December 27, 2014	January 26, 2015	December 31, 2014	4	C
140	SUB-14-00002-UDSI-068-B	UDSI	<del>PCS Technical Qualification (Profile &amp; CV) Instrumentation, Integration and Programming</del>	<del>Material-Mec</del>	<del>January 5, 2015</del>	February 4, 2015	<del>January 11, 2015</del>	6	Retracted
141	SUB-14-00002-UDSI-068-B	UDSI	PCS Technical Qualification (Profile & CV) Instrumentation, Integration and Programming	Material-Mec	January 13, 2015	February 12, 2015	January 15, 2015	2	D
142	SUB-14-00002-UDSI-068-C	UDSI	LIGHT Electro-Mechanical Contracting CO. Ltd (Profile & CV) Instrumentation, Integration and Programming	Material-Mec	January 26, 2015	February 25, 2015	February 3, 2015	8	B
143	SUB-14-00002-UDSI-068-D	UDSI	LIGHT Electro-Mechanical Contracting CO. Ltd (Profile & CV) Instrumentation, Integration and Programming	Material-Mec	May 5, 2015	June 4, 2015	May 10, 2015	5	A
144	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
145	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
146	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
147	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
148	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
149	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
150	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
151	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
152	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
153	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



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

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

Updated Date :June 30,2015

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No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
154	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
155	SUB-14-00002-UDSI-073-A	UDSI	Flange Gasket	Material-Mec	December 30, 2014	January 29, 2015	January 4, 2015	5	B
156	SUB-14-00002-UDSI-073-A	UDSI	Flange Gasket	Material-Mec	May 5, 2015	June 4, 2015	May 10, 2015	5	A
157	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
158	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
159	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
160	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
161	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
162	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
163	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
164	SUB-14-00002-UDSI-078-A	UDSI	Insulating Flange Kit /SGM	Material-Mec	January 4, 2015	February 3, 2015	January 11, 2015	7	B
165	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
166	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
167	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
168	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
169	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
170	SUB-14-00002-UDSI-082-A	UDSI	Pipe Support - Sample	Material-Mec	January 5, 2015	February 4, 2015	January 11, 2015	6	D
171	SUB-14-00002-UDSI-082-B	UDSI	Pipe Support - Sample	Material-Mec	February 23, 2015	March 25, 2015	February 25, 2015	2	B



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No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
172	SUB-14-00002-UDSI-082-C	UDSI	Pipe Support - Sample	Material-Mec	May 5, 2015	June 4, 2015	May 10, 2015	5	A
173	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
174	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
175	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
176	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
177	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
178	SUB-14-00002-UDSI-086-A	UDSI	Chambers & Ras Al Taweel Pipeline Instrumentations System	Material-Mec	January 11, 2015	February 10, 2015	January 20, 2015	9	B
179	SUB-14-00002-UDSI-087-A	UDSI	Al Safi Booster Station Instrumentations System	Material-Mec	January 11, 2015	February 10, 2015	January 25, 2015	14	B
180	SUB-14-00002-UDSI-088-A	UDSI	Combination Air Valve	Material-Mec	January 12, 2015	February 11, 2015	January 18, 2015	6	B
181	SUB-14-00002-UDSI-089-A	UDSI	Shop Drawings Butterfly Valve Chamber	Shop Drawing	January 13, 2015	February 12, 2015	January 31, 2015	18	Retracted
182	SUB-14-00002-UDSI-089-A	UDSI	Shop Drawings Butterfly Valve Chamber	Shop Drawing	January 31, 2015	March 2, 2015	February 12, 2015	12	C
183	SUB-14-00002-UDSI-089-B	UDSI	Shop Drawings Butterfly Valve Chamber	Shop Drawing	February 18, 2015	March 20, 2015	February 25, 2015	7	B
184	SUB-14-00002-UDSI-090-A	UDSI	Shop Drawings AL-Uddeisa Emergency chamber DN150	Shop Drawing	January 13, 2015	February 12, 2015	February 2, 2015	20	C
185	SUB-14-00002-UDSI-090-B	UDSI	Shop Drawings AL-Uddeisa Emergency chamber DN150	Shop Drawing	February 12, 2015	March 14, 2015	February 25, 2015	13	B
186	SUB-14-00002-UDSI-091-A	UDSI	Shop Drawings Ras Al-Taweel Emergency chamber DN100	Shop Drawing	January 13, 2015	February 12, 2015	February 2, 2015	20	C
187	SUB-14-00002-UDSI-091-B	UDSI	Shop Drawings Ras Al-Taweel Emergency chamber DN100	Shop Drawing	February 12, 2015	March 14, 2015	February 25, 2015	13	B
188	SUB-14-00002-UDSI-092-A	UDSI	Shop Drawings for Washout Outfall in Urban Areas 200 mm & 80mm	Shop Drawing	January 15, 2015	February 14, 2015	January 29, 2015	Retracted by GMC	Retracted
189	SUB-14-00002-UDSI-092-A	UDSI	Shop Drawings for Washout Outfall in Urban Areas 200 mm & 80mm	Shop Drawing	January 15, 2015	February 14, 2015	January 29, 2015	14	C



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No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
190	SUB-14-00002-UDSI-092-B	UDSI	Shop Drawings for Washout Outfall in Urban Areas 200 mm & 80mm	Shop Drawing	January 31, 2015	March 2, 2015	February 16, 2015	16	C
191	SUB-14-00002-UDSI-092-C	UDSI	Shop Drawings for Washout Outfall in Urban Areas 200 mm & 80mm	Shop Drawing	February 18, 2015	March 20, 2015	February 25, 2015	7	B
192	SUB-14-00002-UDSI-093-A	UDSI	Shop Drawings for Combiation air Valve 150mm &100 & 80mm	Shop Drawing	January 15, 2015	February 14, 2015	January 27, 2015	12	C
193	SUB-14-00002-UDSI-093-B	UDSI	Shop Drawings for Combiation air Valve 150mm &100 & 80mm	Shop Drawing	January 31, 2015	March 2, 2015	February 12, 2015	12	B
194	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
195	SUB-14-00002-UDSI-094-A	UDSI	Bolts, Washers & Nuts	Material-Mec	January 17, 2015	February 16, 2015	January 25, 2015	8	B
196	SUB-14-00002-UDSI-094-B	UDSI	Bolts, Washers & Nuts	Material-Mec	May 5, 2015	June 4, 2015	May 10, 2015	5	A
197	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
198	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
199	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
200	SUB-14-00002-UDSI-096-A	UDSI	Combination Air Valve	Material-Mec	January 18, 2015	February 17, 2015	January 25, 2015	7	B
201	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
202	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
203	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
204	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
205	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
206	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
207	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



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No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
208	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
209	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
210	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
211	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
212	SUB-14-00002-UDSI-101-A	UDSI	Steel Fittings	Material-Mec	January 20, 2015	February 19, 2015	January 25, 2015	5	B
213	SUB-14-00002-UDSI-101-B	UDSI	Steel Fittings	Material-Mec	June 23, 2015	July 23, 2015	June 25, 2015	2	A
214	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
215	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
216	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
217	SUB-14-00002-UDSI-103-A	UDSI	16" & 8" Steel Pipes	Material-Mec	January 22, 2015	February 21, 2015	January 28, 2015	6	B
218	SUB-14-00002-UDSI-103-B	UDSI	16" & 8" Steel Pipes	Material-Mec	June 23, 2015	July 23, 2015	June 23, 2015	0	A
219	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
220	SUB-14-00002-UDSI-104-B	UDSI	Shop Drawing for Al-Safi Booster Station	Shop Drawing	June 23, 2015	July 23, 2015	June 24, 2015	1	A
221	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
222	SUB-14-00002-UDSI-105-B	UDSI	Cement Lining Repair Method Statement	Material-Mec	June 23, 2015	July 23, 2015	June 23, 2015	0	A
223	SUB-14-00002-UDSI-106-A	UDSI	Radiographic Testing Safety Plan	Material-Mec	January 25, 2015	February 24, 2015	January 27, 2015	2	C
224	SUB-14-00002-UDSI-106-B	UDSI	Radiographic Testing Safety Plan	Material-Mec	February 17, 2015	March 19, 2015	February 25, 2015	8	A
225	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



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No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
226	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
227	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
228	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
229	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
230	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
231	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
232	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
233	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
234	SUB-14-00002-UDSI-110-B	UDSI	Al-Safi Equipment pad control Valves	Material-Mec	June 23, 2015	July 23, 2015	June 23, 2015	0	A
235	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
236	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
237	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
238	SUB-14-00002-UDSI-114-A	UDSI	<del>Shop Drawing for Cathodic Protection System</del>	<del>Shop Drawing</del>	<del>February 1, 2015</del>	March 3, 2015	<del>February 3, 2015</del>	2	Retracted
239	SUB-14-00002-UDSI-114-A	UDSI	<del>Shop Drawing for Cathodic Protection System</del>	<del>Shop Drawing</del>	<del>February 5, 2015</del>	March 7, 2015	<del>February 17, 2015</del>	42	Retracted
240	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
241	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
242	SUB-14-00002-UDSI-114-C	UDSI	Shop Drawing for Cathodic Protection System	Shop Drawing	May 24, 2015	June 23, 2015	May 31, 2015	7	B
243	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



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No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
244	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
245	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
246	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
247	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
248	SUB-14-00002-UDSI-118-A	UDSI	Pipe Heat Shrinkable Tapes	Material-Mec	February 5, 2015	March 7, 2015	February 18, 2015	13	D
249	SUB-14-00002-UDSI-118-B	UDSI	Pipe Heat Shrinkable Tapes	Material-Mec	March 8, 2015	April 7, 2015	March 9, 2015	1	B
250	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
251	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
252	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
253	SUB-14-00002-UDSI-121-A	UDSI	Updated Submittals Schedule	Updated	February 9, 2015	March 11, 2015	February 23, 2015	14	B
254	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
255	SUB-14-00002-UDSI-123-A	UDSI	Updated Construction Risk Management Program	Updated	February 10, 2015	March 12, 2015	February 11, 2015	1	A
256	SUB-14-00002-UDSI-124-A	UDSI	Updated Safety Plan ( Safety Tool Box & Risk Assesment)	Updated	February 10, 2015	March 12, 2015	February 11, 2015	1	A
257	SUB-14-00002-UDSI-125-A	UDSI	Alternative Steel Fittings	Material-Mec	February 11, 2015	March 13, 2015	February 18, 2015	7	B
258	SUB-14-00002-UDSI-126-A	UDSI	Alternative Check Valve	Material-Mec	February 15, 2015	March 17, 2015	February 25, 2015	10	B
259	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
260	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
261	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



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262	SUB-14-00002-UDSI-129-A	UDSI	Key Personnel	Pre-Construction	February 22, 2015	March 24, 2015	February 23, 2015	1	E
263	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
264	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
265	SUB-14-00002-UDSI-131-A	UDSI	Branding Implementation Strategy	Pre-Construction	February 22, 2015	March 24, 2015	March 8, 2015	14	A
266	SUB-14-00002-UDSI-131-B	UDSI	Branding Implementation Strategy	Pre-Construction	April 21, 2015	May 21, 2015	April 22, 2015	1	A
267	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
268	SUB-14-00002-UDSI-133-A	UDSI	Supplementary Information of Insurances	Pre-Construction	February 26, 2015	March 28, 2015	March 4, 2015	6	E
269	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
270	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
271	<del>SUB-14-00002-UDSI-136-A</del>	UDSI	<del>Shop Drawings for Yaqeen / Bani Naim Reservoir</del>	<del>Shop Drawing</del>	<del>5-Mar-2015</del>	April 4, 2015	<del>9-Mar-2015</del>	4	Retracted
272	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
273	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
274	SUB-14-00002-UDSI-138-A	UDSI	Contractor's Employee Commitment Letter	safety	March 5, 2015	April 4, 2015	March 8, 2015	3	A
275	SUB-14-00002-UDSI-139-A	UDSI	Epoxy Paint Nitocote EP405	Material-Mec	March 5, 2015	April 4, 2015	March 12, 2015	7	B
276	SUB-14-00002-UDSI-139-B	UDSI	Epoxy Paint Nitocote EP405	Material-Mec	April 21, 2015	May 21, 2015	April 22, 2015	1	A
277	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
278	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
279	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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No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
280	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
281	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
282	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
283	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
284	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
285	SUB-14-00002-UDSI-145-A	UDSI	Updated Schedule - Feb 2015	Schedule	March 16, 2015	April 15, 2015	March 19, 2015	3	B
286	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
287	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
288	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
289	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
290	SUB-14-00002-UDSI-149-A	UDSI	Filter Fabric (Geotextile) Material	Material-Mec	March 26, 2015	April 25, 2015	March 26, 2015	0	A
291	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
292	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
293	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
294	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
295	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
296	SUB-14-00002-UDSI-155-A	UDSI	Filter Fabric (Geotextile)Sample	Material-Mec	April 1, 2015	May 1, 2015	April 2, 2015	1	A
297	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



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No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
298	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
299	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
300	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
301	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
302	SUB-14-00002-UDSI-158-C	UDSI	PLC Programming and SCADA Integration (BCI)	Material-Mec	June 22, 2015	July 22, 2015	June 25, 2015	3	A
303	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
304	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
305	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
306	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
307	SUB-14-00002-UDSI-161-A	UDSI	Alternative Data Logger (MAG8000)	Material-Mec	April 13, 2015	May 13, 2015	April 16, 2015	3	A
308	SUB-14-00002-UDSI-162-A	UDSI	Updated Schedule - March 2015	Schedule	April 13, 2015	May 13, 2015	April 16, 2015	3	B
309	SUB-14-00002-UDSI-163-A	UDSI	Confined Space	Pre-Construction	April 13, 2015	May 13, 2015	April 14, 2015	1	A
310	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
311	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
312	SUB-14-00002-UDSI-166-A	UDSI	updated QC -Plan	Updated	April 14, 2015	May 14, 2015	April 14, 2015	0	A
313	SUB-14-00002-UDSI-167-A	UDSI	Updated Submittals Schedule	Updated	April 14, 2015	May 14, 2015	April 14, 2015	0	A
314	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
315	SUB-14-00002-UDSI-169-A	UDSI	Outline Training	OUTLINE	April 19, 2015	May 19, 2015	May 5, 2015	16	C



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316	SUB-14-00002-UDSI-169-B	UDSI	Outline Training	OUTLINE	June 4, 2015	July 4, 2015	June 9, 2015	5	C
317	SUB-14-00002-UDSI-170-A	UDSI	Operation and Maintenance Manuals Outline	OUTLINE	April 23, 2015	May 23, 2015	May 5, 2015	12	C
318	SUB-14-00002-UDSI-170-B	UDSI	Operation and Maintenance Manuals Outline	OUTLINE	June 4, 2015	July 4, 2015	June 9, 2015	5	B
319	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
320	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
321	SUB-14-00002-UDSI-172-A	UDSI	Indoor Junction Box	Material-Mec	April 29, 2015	May 29, 2015	May 11, 2015	12	C
322	SUB-14-00002-UDSI-172-B	UDSI	Indoor Junction Box	Material-Mec	May 17, 2015	June 16, 2015	May 26, 2015	9	D
323	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
324	SUB-14-00002-UDSI-173-B	UDSI	RAS At Tawil & Al'uddeisa Water Infrastructure - Phase IA - Road Shop Drawings From sta. 2+100 To sta. 5+150	Shop Drawing	June 22, 2015	July 22, 2015	June 25, 2015	3	B
325	SUB-14-00002-UDSI-174-A	UDSI	Flexible Conduit	Material-Electrical	April 30, 2015	May 30, 2015	May 11, 2015	11	C
326	SUB-14-00002-UDSI-175-A	UDSI	Instrumentation Cable	Material-Electrical	April 30, 2015	May 30, 2015	May 11, 2015	11	A
327	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
328	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
329	SUB-14-00002-UDSI-178-A	UDSI	Updated Schedule - April 2015	Schedule	May 11, 2015	June 10, 2015	May 12, 2015	1	B
330	SUB-14-00002-UDSI-179-A	UDSI	Shop Drawing - Updated Alsafi Booster Station Flow & Prv Equipment Pad	Shop Drawing	May 12, 2015	June 11, 2015	May 26, 2015	14	C
331	SUB-14-00002-UDSI-179-B	UDSI	Shop Drawing - Updated Alsafi Booster Station Flow & Prv Equipment Pad(Reply Comment)	Shop Drawing	June 8, 2015	July 8, 2015			P
332	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
333	SUB-14-00002-UDSI-181-A	UDSI	RT Results- Radiographic Test Reports	Test	May 17, 2015	June 16, 2015	May 18, 2015	1	B



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No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
334	SUB-14-00002-UDSI-181-B	UDSI	RT Results- Radiographic Test Reports	Test	June 11, 2015	July 11, 2015	June 22, 2015	11	A
335	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
336	SUB-14-00002-UDSI-182-B	UDSI	Method Statement for TESTING (Hydrostatic, Disinfection and Flushing) (6" & 16" & 20" Pipelines) & Laboratory	Material-Mec	June 4, 2015	July 4, 2015	June 17, 2015	13	B
337	SUB-14-00002-UDSI-183-A	UDSI	Welders qualification testing Report	Pre-Construction	May 19, 2015	June 18, 2015	May 25, 2015	6	C
338	SUB-14-00002-UDSI-184-A	UDSI	Alternative - Gate Valves (Raphael)	Material-Mec	May 21, 2015	June 20, 2015	May 26, 2015	5	B
339	SUB-14-00002-UDSI-185-A	UDSI	Alternative - PN16 & PN25 Dismantling Joint- From UNIJOINT	Material-Mec	May 21, 2015	June 20, 2015	May 25, 2015	4	B
340	SUB-14-00002-UDSI-186-A	UDSI	updated QC -Plan	Updated	May 28, 2015	June 27, 2015	May 28, 2015	0	A
341	SUB-14-00002-UDSI-187-A	UDSI	Anodes Installation Method Statement	Material-Mec	June 1, 2015	July 1, 2015	June 4, 2015	3	B
342	SUB-14-00002-UDSI-188-A	UDSI	Updated Schedule - May 2015	Updated	June 8, 2015	July 8, 2015	June 15, 2015	7	C
343	SUB-14-00002-UDSI-189-A	UDSI	Updated Submittals Schedule	Updated	June 14, 2015	July 14, 2015	June 17, 2015	3	A
344	SUB-14-00002-UDSI-190-A	UDSI	updated QC -Plan - ( QC Submittals Log)	Updated	June 14, 2015	July 14, 2015	June 24, 2015	10	A
345	SUB-14-00002-UDSI-191-A	UDSI	RAS At Tawil & Al'uddeisa Water Infrastructure – Road Shop Drawings From sta. 2+100 To sta. 3+170	Shop Drawing	June 16, 2015	July 16, 2015	June 22, 2015	6	Retracted
346	SUB-14-00002-UDSI-192-A	UDSI	Reference Electrodes for CP test stations	Material-Mec	June 17, 2015	July 17, 2015	June 22, 2015	5	A
347	SUB-14-00002-UDSI-193-A	UDSI	CP training & qualification certificates	Material-Mec	June 24, 2015	July 24, 2015	June 25, 2015	1	E
348	SUB-14-00002-UDSI-194-A	UDSI	As Built -Al-Safi Booster Station	As Built	June 28, 2015	July 28, 2015			P



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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 Reoort # BM-CT-15343-Concrete Comoressive Strength - Walls of Bani Nairn 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 Reoort # BM/CT/15351-Concrete Comoressive Strength - Top Slab of Bani Nairn 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 Reoort # BM/CT/15359-Concrete Comoressive 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 400mmYatta 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 Naim 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 Naim 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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QC SUBMITTALS LOG									
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 # STFD15189	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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**RAS AL TAWIL & AL 'UDEISA WATER INFRASTRUCTURE AND AL SAFI BOOSTER STATION – PHASE I - UDSI**

Updated Date :June 30, 2015

QC SUBMITTALS LOG									
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 Butterly 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 :June 30, 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	Bitomin	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
71	TEST-14-00002-UDSI-071-A	UDSI	Test Report - Density of Soil In-Place - Base Course/Trench Lines- Al 'Uddeisa Main Pipeline Between Stations (1+850 & 2+100) Report # ST/FD/15322	Density	June 8, 2015	July 8, 2015	June 8, 2015	0	A
72	TEST-14-00002-UDSI-072-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 -28 Days	Concrete	June 14, 2015	July 14, 2015	June 14, 2015	0	A
73	TEST-14-00002-UDSI-073-A	UDSI	Test Report - Density of Soil In-Place - Sub-Grade Materials/Trench Lines- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+100 & 3+100) Report # ST/FD/15362	Density	June 14, 2015	July 14, 2015	June 14, 2015	0	A
74	TEST-14-00002-UDSI-074-A	UDSI	Test Report - Soil and Soil Aggregate Materials Testing Report -Base Course- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (4+000 to 4+500)) - Loose SampleReport # ST/15271	soil	June 14, 2015	July 14, 2015	June 14, 2015	0	A
75	TEST-14-00002-UDSI-075-A	UDSI	Test Report - Soil and Soil Aggregate Materials Testing Report -Base Course- Ras Al Tawil & Al 'Uddeisa Main Pipeline At Station 4+700) - Loose Sample Report # ST/15288	soil	June 14, 2015	July 14, 2015	June 14, 2015	0	A
76	TEST-14-00002-UDSI-076-A	UDSI	Test Report - Soil and Soil Aggregate Materials Testing Report - Sub Grade Materials- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+100 to 3+100)) - Loose SampleReport # ST/15299	soil	June 14, 2015	July 14, 2015	June 14, 2015	0	A
77	TEST-14-00002-UDSI-077-A	UDSI	Test Report -Bituminous Paving Mixture Report - Size 3/4" - Al 'Uddeisa Main Pipeline Between Stations (1+850 & 2+100) - Report # AS/TBM/15167	Bitomin	June 14, 2015	July 14, 2015	June 14, 2015	0	A
78	TEST-14-00002-UDSI-078-A	UDSI	Test Report -Bedding Material Aggregate - (Somsom Size)-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (4+000 & 4+500) -Report # BM/QC/15077	Bedding Material - Somsom	June 14, 2015	July 14, 2015	June 14, 2015	0	A
79	TEST-14-00002-UDSI-079-A	UDSI	Test Report -Bedding Material Aggregate - (Single Size Aggregate)-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (4+000 & 4+500) -Report # BM/QC/15078	Bedding Material-Single Size	June 14, 2015	July 14, 2015	June 14, 2015	0	A



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

Updated Date : June 30, 2015

QC SUBMITTALS LOG									
80	TEST-14-00002-UDSI-080-A	UDSI	Test Report -Back Fill Materials - (Hommos & Addas)-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (5+000 & 5+585) -Report # BM/QC/15087	Backfill	June 14, 2015	July 14, 2015	June 14, 2015	0	A
81	TEST-14-00002-UDSI-081-A	UDSI	Test Report -Bedding Material Aggregate - (Single Size Aggregate)-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (5+000 & 5+585) -Report # BM/QC/15088	Bedding Material - Somsom	June 14, 2015	July 14, 2015	June 14, 2015	0	A
82	TEST-14-00002-UDSI-082-A	UDSI	Test Report - Density of Soil In-Place - Sub-Grade Materials/Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+520 & 2+600) Report # ST/FD/15374	Density	June 16, 2015	July 16, 2015	June 17, 2015	1	A
83	TEST-14-00002-UDSI-083-A	UDSI	Test Report - Concrete Compressive Strength ( Footing of the Washout Manhole (8") At Station (1+205). - Report # BM/CT/15689 -28 Days	Concrete	June 17, 2015	July 17, 2015	June 17, 2015	0	A
84	TEST-14-00002-UDSI-084-A	UDSI	Test Report - Soil and Soil Aggregate Materials Testing Report - -Base Course- Stockpiling Area At The Project Site At Station 2+100 - Loose Sample-Report # ST/15261	soil	June 17, 2015	July 17, 2015	June 17, 2015	0	A
85	TEST-14-00002-UDSI-085-A	UDSI	Test Report - Soil and Soil Aggregate Materials Testing Report -Sub-Grade Materials- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+100 to 3+850)-Report # ST/15310	soil	June 21, 2015	July 21, 2015	June 21, 2015	0	A
86	TEST-14-00002-UDSI-086-A	UDSI	Test Report - Density of Soil In-Place - Sub-Grade Materials/Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+100 & 3+860)- Report # ST/FD/15379	Density	June 21, 2015	July 21, 2015	June 21, 2015	0	A
87	TEST-14-00002-UDSI-087-A	UDSI	Test Report -Back Fill Materials - (Hommos & Addas) - Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (4+500 & 5+000) -Report # BM/QC/15085	Backfill	June 21, 2015	July 21, 2015	June 21, 2015	0	A
88	TEST-14-00002-UDSI-088-A	UDSI	Test Report -Back Fill Materials - (Somsom Size) - Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (4+500 & 5+000) -Report # BM/QC/15086	Backfill	June 21, 2015	July 21, 2015	June 21, 2015	0	A
89	TEST-14-00002-UDSI-089-A	UDSI	RT Results- Radiographic Test Report	RT	June 21, 2015	July 21, 2015	June 22, 2015	1	C
90	TEST-14-00002-UDSI-090-A	UDSI	Test Report - Soil and Soil Aggregate Materials Testing Report -Base Course- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (5+000 & 5+585) -Report # ST/15302	soil	June 25, 2015	July 25, 2015	June 25, 2015	0	A
91	TEST-14-00002-UDSI-091-A	UDSI	Test Report - Concrete Compressive Strength (Base Butter Fly Valve At Station (2+513). - Report # BM/CT/15748 -28 Days	Concrete	June 25, 2015	July 25, 2015	June 25, 2015	0	A
92	TEST-14-00002-UDSI-092-A	UDSI	Test Report - Concrete Compressive Strength -Slab of Flow Monitoring Chamber At Station (2+510). - Report # BM/CT/15749-28 Days	Concrete	June 25, 2015	July 25, 2015	June 25, 2015	0	A
93	TEST-14-00002-UDSI-093-A	UDSI	Test Report - Concrete Compressive Strength -Wall of Flow Monitoring Chamber At Station (2+510).- Report # BM/CT/15730-28 Days	Concrete	June 25, 2015	July 25, 2015	June 25, 2015	0	A
94	TEST-14-00002-UDSI-094-A	UDSI	Test Report - Concrete Compressive Strength -Wall of PFV At Station (2+513).- Report # BM/CT/15766-28 Days	Concrete	June 25, 2015	July 25, 2015	June 25, 2015	0	A
95	TEST-14-00002-UDSI-095-A	UDSI	Test Report - Density of Soil In-Place - Topping Materials (Fill Materials)/Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+440 & 3+850) - Report # ST/FD/15396	soil	June 28, 2015	July 28, 2015	June 29, 2015	1	A



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

Updated Date : June 30, 2015

QC SUBMITTALS LOG									
96	TEST-14-00002-UDSI-096-A	UDSI	Test Report - Soil and Soil Aggregate Materials Testing Report -Fill Materials /Topping Materials / Loose Sample- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+440 to 3+800) -Report # ST/15320	soil	June 28, 2015	July 28, 2015	June 29, 2015	1	A
97	TEST-14-00002-UDSI-097-A	UDSI	Test Report - Soil and Soil Aggregate Materials Testing Report -Base Course/ Loose Sample- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+100 to 2+600) - Report # ST/15321	soil	June 28, 2015	July 28, 2015	June 29, 2015	1	A
97	TEST-14-00002-UDSI-098-A	UDSI	Test Report - Soil and Soil Aggregate Materials Testing Report -Base Course/ Loose Sample- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+600 to 3+100) - Report # ST/15322	soil	June 28, 2015	July 28, 2015	June 29, 2015	1	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 : June 30, 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	<del>RFI-14-00002-UDSI-C-E-003</del>	<del>UDSI</del>	<del>Deletion of the valve actuators assembly from the submitted (PAM) DN150 &amp; DN200 gate valves (PN16)</del>	<del>January 25, 2015</del>	<del>February 24, 2015</del>	<del>January 29, 2015</del>	<del>Retracted By- Contractor</del>
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	<del>RFI-14-00002-UDSI-C-E-008</del>	<del>UDSI</del>	<del>Cathodic protection system for the 6" pipeline</del>	<del>February 26, 2015</del>	<del>March 28, 2015</del>	<del>March 11, 2015</del>	<del>Retracted By- Contractor</del>
9	<del>RFI-14-00002-UDSI-C-E-008</del>	<del>UDSI</del>	<del>Cathodic protection system for the 6" pipeline</del>	<del>March 12, 2015</del>	<del>April 11, 2015</del>	<del>March 22, 2015</del>	<del>Retracted By- Contractor</del>
10	<del>RFI-14-00002-UDSI-C-E-008</del>	<del>UDSI</del>	<del>Cathodic protection system</del>	<del>March 22, 2015</del>	<del>April 21, 2015</del>	<del>March 30, 2015</del>	<del>Retracted By- Contractor</del>
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**  
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**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 :June 30, 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
6	Pay-14-000002-UDSI-006	14-00002	\$ 667,657.22	\$ 2,193,446.49	\$ 4,462,836.00	\$ 2,269,389.51	June 10, 2015	June 11, 2015	1	Kamal Kasbary



# Annex G:

## Transmittal



**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
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 INDUSTRIES 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



**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
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' <gse@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 traning	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



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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
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



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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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**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.alarin@ahlia.ps; achraf.krich@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	<a href="mailto:mohd.amro@paltel.net">mohd.amro@paltel.net</a>	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 Al 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



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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
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
135	Email-14-02-SAK-OUT-0135	AID-294-TO-14-00002 (Partial Payment Request)	SAK	USAID	June 2, 2015
136	Email-14-02-SAK-OUT-0136	Contractor's Monthly Progress Report _April 2015	SAK	USAID	June 3, 2015
137	Email-14-02-SAK-OUT-0137	Contractor's Monthly Progress Report _April 2015	SAK	USAID	June 3, 2015
138	Email-14-02-SAK-OUT-0138	Material log	SAK	USAID	June 4, 2015
139	Email-14-02-SAK-OUT-0139	May Monthly Progress Report	SAK	USAID	June 4, 2015
140	Email-14-02-SAK-OUT-0140	Yaqeen/Bani Naim Reservoir	SAK	BV	June 6, 2015
141	Email-14-02-SAK-OUT-0141	Geo-MIS -May, 2015	SAK	BV	June 7, 2015
142	Email-14-02-SAK-OUT-0142	Contractor's Monthly Progress Report _April 2015	SAK	USAID	June 7, 2015
143	Email-14-02-SAK-OUT-0143	(Partial Payment Request)	SAK	USAID	June 9, 2015
144	Email-14-02-SAK-OUT-0144	LTR.14-02.LOCAL-SAK.004 Saer Municipality Letter - Stop Construction Works	SAK	BV	June 9, 2015



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 Booster Station - Phase I Pipeline Connection**

OUTGOING EMAILS LOG					
No.	DCN No.	Subject	From : Organization	To : Organization	Sent Date
145	Email-14-02-SAK-OUT-0145	Contractor's Monthly Progress Report _April 2015	SAK	USAID	June 9, 2015
146	Email-14-02-SAK-OUT-0146	(Completion the installation of all pipeline ) 20 KB	SAK	USAID	June 11, 2015
147	Email-14-02-SAK-OUT-0147	Yaqeen/Bani Naim Reservoir	SAK	BV	June 15, 2015
148	Email-14-02-SAK-OUT-0148	Yaqeen/Bani Naim Reservoir	SAK	DCL/hebrondcl@gmail.com	June 15, 2015
149	Email-14-02-SAK-OUT-0149	Yaqeen/Bani Naim Reservoir	SAK	BV	June 15, 2015
150	Email-14-02-SAK-OUT-0150	Yaqeen/Bani Naim Reservoir	SAK	BV	June 15, 2015
151	Email-14-02-SAK-OUT-0151	Road width and others	SAK	BV	June 20, 2015
152	Email-14-02-SAK-OUT-0152	SUB-14-00002-UDSI-191-A	SAK	BV	June 22, 2015
153	Email-14-02-SAK-OUT-0153	Road width and others Mon	SAK	BV	June 22, 2015
154	Email-14-02-SAK-OUT-0154	(Partial Payment Request - Payment No. 07)	SAK	USAID	June 28, 2015
155	Email-14-02-SAK-OUT-0155	Yaqeen/Bani Naim Reservoir	SAK	DCL/hebrondcl@gmail.com	June 28, 2015
156	Email-14-02-SAK-OUT-0156	Asphalt Reinstatement Works	SAK	BV	June 28, 2015
157	Email-14-02-SAK-OUT-0157	Yaqeen/Bani Naim Reservoir	SAK	PWA	June 29, 2015
158	Email-14-02-SAK-OUT-0158	(Partial Payment Request - Payment No. 07)	SAK	USAID	June 30, 2015
159	Email-14-02-SAK-OUT-0159	Retract VOR-14-00002-UDSI-008-A	SAK	BV	June 30, 2015
160	Email-14-02-SAK-OUT-0160	Retract Submittal # SUB-14-00002-UDSI-012-D	SAK	BV	June 30, 2015



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**Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and Al 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



**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**

INCOMING EMAILS LOG						
No.	DCN No.	Subject	From	Organization	To Organization	Received Date
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
19	Email-14-02-SAK-IN-0019	Traffic Plan Area C		BV	SAK	December 28, 2014
20	Email-14-02-SAK-IN-0020	November Monthly Progress Report		BV	SAK	December 28, 2014
21	Email-14-02-SAK-IN-0021	Draft MOM No. 002		BV	SAK	December 29, 2014
22	Email-14-02-SAK-IN-0022	November Monthly Progress Report		USAID	SAK	December 31, 2014
23	Email-14-02-SAK-IN-0023	Final MOM No. 002		BV	SAK	January 4, 2015
24	Email-14-02-SAK-IN-0024	Progress Meeting No. 003_Agenda		BV	SAK	January 4, 2015
25	Email-14-02-SAK-IN-0025	November Monthly Progress Report		USAID	SAK	January 6, 2015
26	Email-14-02-SAK-IN-0026	Upgrade of AutoCAD 2012 to 2015		Michael Younan <gse@gsecc.com>	SAK	January 6, 2015
27	Email-14-02-SAK-IN-0027	Instrumentation Modifications		BV	SAK	January 11, 2015
28	Email-14-02-SAK-IN-0028	Draft MOM No. 003		BV	SAK	January 11, 2015
29	Email-14-02-SAK-IN-0029	WBWD Bank Guarantee (كفالة)		BV	SAK	January 12, 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**

INCOMING EMAILS LOG						
No.	DCN No.	Subject	From	Organization	To Organization	Received Date
30	Email-14-02-SAK-IN-0030	Final MOM No. 003		BV	SAK	January 14, 2015
31	Email-14-02-SAK-IN-0031	Key Personnel		BV	SAK	January 15, 2015
32	Email-14-02-SAK-IN-0032	Progress Meeting No. 004_Agenda		BV	SAK	January 18, 2015
33	Email-14-02-SAK-IN-0033	Draft MOM No. 004		BV	SAK	January 25, 2015
34	Email-14-02-SAK-IN-0034	Final MOM No. 004		BV	SAK	January 29, 2015
35	Email-14-02-SAK-IN-0035	Progress Meeting No. 005_Agenda		USAID	SAK	February 5, 2015
36	Email-14-02-SAK-IN-0036	Traffic Control Plan Area C		BV	SAK	February 11, 2015
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



**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**

INCOMING EMAILS LOG						
No.	DCN No.	Subject	From	Organization	To Organization	Received Date
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
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



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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**

INCOMING EMAILS LOG						
No.	DCN No.	Subject	From	Organization	To Organization	Received Date
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
73	Email-14-02-SAK-IN-0073	Final MOM No. 011		BV	SAK	May 7, 2015



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

INCOMING EMAILS LOG						
No.	DCN No.	Subject	From	Organization	To Organization	Received Date
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 : June 30, 2015

**CONTRACTOR LETTERS LOG**

No.	Letter No.	Project	Description	Submitted Date	Organization	Organization	Remarks
<b>LETTERS FROM CONTRACTOR TO LOCAL AUTHORITY</b>							
1	LTR.02.SAK-LOCAL.001-A	UDSI	Drawings from Saer Municipality for the Project	October 23, 2014	SAK	Saer Municipality	
2	LTR.02.SAK-LOCAL.002-A	UDSI	Drawings from Bani Naem for the Project	October 23, 2014	SAK	Bani Naem Municipality	
3	LTR.02.SAK-LOCAL.003-A	UDSI	Drawings from Paltel for the Project	October 23, 2014	SAK	Paltel	
4	LTR.02.SAK-LOCAL.004-A	UDSI	PLC Drawings in Alsafi Booster Station	November 29, 2014	SAK	Hebron Municipality	
5	LTR.02.SAK-LOCAL.005-A	UDSI	Project Permanent signs	December 1, 2014	SAK	Bani Naem Municipality	
6	LTR.02.SAK-LOCAL.006-A	UDSI	Project Permanent signs	December 2, 2014	SAK	Saer Municipality	
7	LTR.02.SAK-LOCAL.007-A	UDSI	Request of material supplies from the PWA storages	December 3, 2014	SAK	PWA	
8	LTR.02.SAK-LOCAL.008-A	UDSI	Request of 3phase	December 4, 2014	SAK	Electrical Hebron Company	
9	LTR.02.SAK-LOCAL.009-A	UDSI	Request of material supplies from the PWA storages	December 16, 2014	SAK	PWA	
10	LTR.02.SAK-LOCAL.010-A	UDSI	Request for Water Supply	December 25, 2014	SAK	WBWD	
11	LTR.02.SAK-LOCAL.011-A	UDSI	Traffic Plan for Ras Altaweel Project	December 1, 2014	SAK	Hebron Police	
12	LTR.02.SAK-LOCAL.012-A	UDSI	Water Supply of Pressure Leakage Test for Existing 500mm DIP pipeline	January 5, 2015	SAK	WBWD	
13	LTR.02.SAK-LOCAL.013-A	UDSI	Water Disconnect for Al-Safi Booster Station connection	January 19, 2015	SAK	WBWD	
14	LTR.02.SAK-LOCAL.014-A	UDSI	Water Disconnect for Al-Safi Booster Station connection	January 19, 2015	SAK	Hebron Municipality	
15	LTR.02.SAK-LOCAL.015-A	UDSI	SCADA works with WBWD Central Control Room	January 26, 2015	SAK	WBWD	
16	LTR.02.SAK-LOCAL.016-A	UDSI	SCADA works with WBWD Central Control Room	January 27, 2015	SAK	WBWD	
17	LTR.02.SAK-LOCAL.017-A	UDSI	Damagies in Al-Safi Booster Station	February 25, 2015	SAK	Al-Ahliya Insurance	
18	LTR.02.SAK-LOCAL.018-A	UDSI	Start Excavation in Bein Naim Pipeline	March 31, 2015	SAK	Hebron Police	
19	LTR.02.SAK-LOCAL.019-A	UDSI	Start Excavation in Bein Naim Pipeline	March 31, 2015	SAK	Paltel	
20	LTR.02.SAK-LOCAL.020-A	UDSI	Start Excavation in Bein Naim Pipeline	March 31, 2015	SAK	Bani Naem Municipality	
21	LTR.02.SAK-LOCAL.021-A	UDSI	Start Excavation in Bein Naim Pipeline - Prochore (Working at Night)	April 15, 2015	SAK	Police	
22	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 : June 30, 2015

CONTRACTOR LETTERS LOG							
No.	Letter No.	Project	Description	Submitted Date	Organization	Organization	Remarks
<b>LETTERS FROM CONTRACTOR TO ENGINEERS</b>							
<b>LETTERS FROM CONTRACTOR TO USAID</b>							
1	LTR.02.SAK-USAID.001-A		Insurance & Bank Guarantee	October 31, 2014	SAK	USAID	
2	LTR.02.SAK-USAID.002-A		Bank Guarantee	November 4, 2014	SAK	USAID	
3	LTR.02.SAK-USAID.003-A		Notice To Proceed (NTP)-Signed	November 11, 2014	SAK	USAID	
4	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 AI Safi

Booster Station - Phase

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

PERIOD FROM: Nov. 04, 2014

PERIOD TO: June 30, 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	85	167	662	370	234	1518	64	26	1492	
July	2015										
August	2015										
September	2015										
Total of FY 2015		632	1037	2728	1880	1548	7826	329	276	7543	
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 Al Safi Booster Station - Phase

PERIOD FROM: Nov 04, 2014

PERIOD TO: Nov 30, 2014

CONTRACTOR: Sagqa 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 Engin	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
<b>Total of Month</b>	<b>184</b>	<b>184</b>	<b>184</b>	<b>224</b>	<b>104</b>	<b>184</b>	<b>0</b>	<b>0</b>	<b>408</b>	<b>0</b>	<b>0</b>	<b>424</b>	<b>88</b>	<b>88</b>	<b>69</b>	<b>64</b>	<b>51</b>	<b>53</b>	<b>22</b>	<b>241</b>	<b>18</b>

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

PERIOD FROM: Dec 01, 2014  
 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	
<b>Total of Month</b>	<b>216</b>	<b>216</b>	<b>216</b>	<b>216</b>	<b>216</b>	<b>216</b>	<b>0</b>	<b>512</b>	<b>152</b>		<b>99</b>	<b>0</b>	<b>776</b>	<b>272</b>	<b>1263</b>	<b>135</b>	<b>81</b>	<b>81</b>	<b>102</b>	<b>97</b>	<b>209</b>	<b>536</b>	<b>27</b>

\* 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.

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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 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
<b>Total of Month</b>	<b>200</b>	<b>192</b>	<b>192</b>	<b>200</b>	<b>304</b>	<b>192</b>	<b>0</b>	<b>448</b>	<b>352</b>	<b>232</b>	<b>146</b>	<b>0</b>	<b>808</b>	<b>384</b>	<b>744</b>	<b>519</b>	<b>184</b>	<b>73</b>	<b>87</b>	<b>147</b>	<b>101</b>	<b>229</b>	<b>599</b>	<b>38</b>

\* 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.

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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
<b>Total of Month</b>	<b>188</b>	<b>202</b>	<b>188</b>	<b>368</b>	<b>368</b>	<b>188</b>	<b>0</b>	<b>608</b>	<b>536</b>	<b>236</b>	<b>375</b>	<b>0</b>	<b>1168</b>	<b>376</b>	<b>672</b>	<b>456</b>	<b>16</b>	<b>72</b>	<b>116</b>	<b>219</b>	<b>146</b>	<b>190</b>	<b>697</b>	<b>46</b>

\* 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.

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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: 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
<b>Total of Month</b>	<b>200</b>	<b>216</b>	<b>208</b>	<b>432</b>	<b>432</b>		<b>216</b>	<b>0</b>	<b>568</b>	<b>640</b>	<b>216</b>	<b>217</b>	<b>0</b>	<b>1136</b>	<b>432</b>	<b>744</b>	<b>501</b>	<b>78</b>	<b>150</b>	<b>205</b>	<b>142</b>	<b>210</b>	<b>731</b>	<b>54</b>

\* 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.

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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
<b>Total of Month</b>	<b>235</b>	<b>227</b>	<b>243</b>	<b>486</b>	<b>328</b>	<b>492</b>	<b>203</b>	<b>0</b>	<b>1060</b>	<b>1574</b>	<b>224</b>	<b>2034</b>	<b>0</b>	<b>3463</b>	<b>416</b>	<b>684</b>	<b>486</b>	<b>132</b>	<b>88</b>	<b>189</b>	<b>612</b>	<b>433</b>	<b>215</b>	<b>1495</b>	<b>41</b>

\* 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**  
**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 **																									
	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 & 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
<b>Total of Month</b>	<b>224</b>	<b>252</b>	<b>207</b>	<b>490</b>	<b>208</b>	<b>566</b>	<b>209</b>	<b>0</b>	<b>1412</b>	<b>1308</b>	<b>317</b>	<b>2803</b>	<b>0</b>	<b>4305</b>	<b>446</b>	<b>654</b>	<b>510</b>	<b>312</b>	<b>85</b>	<b>184</b>	<b>730</b>	<b>538</b>	<b>240</b>	<b>1752</b>	<b>26</b>	

\* 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  
 Temprrary 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: June 01, 2015  
 PERIOD TO: June 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 (I)	Site Engineer	CWI	Foreman	Skilled Labor	Welder	Driver	Equipment Operator	Flagman	Unskilled Labor	Office boy	Office Guard	Storage Yard Guard	Equipment Night Guard							
June 1, 2015	10	10	10	20	8	18	9		50	54	20	116		122	18	24	15	12	4	7	30	15	9	64	1
June 2, 2015	10	10	10	20	8	18	9		50	54	20	116		122	18	24	15	12	4	7	30	15	9	64	1
June 3, 2015	10	10	10	20	8	18	9		50	54	20	116		122	18	24	15	12	4	7	30	15	9	64	1
June 4, 2015	10	10	10	20	8	18	9		50	54	20	114		122	18	24	15	12	4	7	30	15	9	63	1
June 5, 2015																24	24		0	0	0	0	6	6	0
June 6, 2015	10	10	10	20	8	18	9		40	54	20	116		128	18	24	15	12	4	7	29	16	9	63	1
June 7, 2015	10	10	10	20	8	18	9		50	72	20	118		168	18	24	15	12	4	7	33	21	9	72	1
June 8, 2015	10	10	10	20	8	18	8		54	64	20	126		188	18	24	15	12	4	7	33	24	9	75	1
June 9, 2015	10	10	10	20	8	18	9		60	72	20	150		188	18	24	15	12	4	7	38	24	9	80	1
June 10, 2015	10	10	10	20	8	18	9		60	72	20	150		188	18	24	15	12	4	7	38	24	9	80	1
June 11, 2015	10	10	10	20	8	18	9		60	72	20	124		188	18	24	15	12	4	7	35	24	9	76	1
June 12, 2015																24	24		0	0	0	0	6	6	0
June 13, 2015	0	9	9	18	8	18	8		54	64	18	92		174	18	24	15	12	2	7	29	22	9	67	1
June 14, 2015	9	9	9	18	8	18	8		36	32	18	68		81	18	24	15	12	3	7	19	10	9	47	1
June 15, 2015	9	9	9	18	8	18	8		36	40	18	68		81	18	24	15	12	3	7	20	10	9	48	1
June 16, 2015	9	9	8	16	8	18	8		36	40	18	92		81	18	24	15	12	3	6	23	10	9	51	1
June 17, 2015	9	9	9	18	8	18	8		36	40	18	117		81	18	24	15	12	3	7	26	10	9	54	1
June 18, 2015	8	8	8	16	8	16	8		32	40	16	112		72	16	23	15	12	3	6	25	9	8	50	1
June 19, 2015																24	24		0	0	0	0	6	6	0
June 20, 2015	8	8	8	16	8	16	8		32	40	16	104		72	8	23	15	12	3	6	24	9	7	48	1
June 21, 2015	8	8	8	16	8	16	8		24	24	16	88		80	8	23	15	12	3	6	19	10	7	44	1
June 22, 2015	8	8	8	16	8	16	8		24	40	16	88		88	8	23	15	12	3	6	21	11	7	47	1
June 23, 2015	8	8	8	16	8	16	8		24	40	16	80		88	8	23	15	12	3	6	20	11	7	46	1
June 24, 2015	8	8	8	16	8	16	8		24	40	16	72		88	8	23	15	12	3	6	19	11	7	45	1
June 25, 2015	8	8	8	16	8	16	8		24	40	16	72		88	8	23	15	12	3	6	19	11	7	45	1
June 26, 2015																24	24		0	0	0	0	6	6	0
June 27, 2015	0	8	8	16	8	16	8		24	40	16	72		88	8	23	15	12	2	6	19	11	7	44	1
June 28, 2015	8	8	8	16	8	16	8		24	40	16	72		88	8	23	15	12	3	6	19	11	7	45	1
June 29, 2015	8	8	8	16	8	16	8		24	40	16	72		88	8	23	15	12	3	6	19	11	7	45	1
June 30, 2015	8	8	8	16	8	16	8		24	40	16	48		88	8	23	15	12	3	6	16	11	7	42	1
<b>Total of Month</b>	<b>216</b>	<b>233</b>	<b>232</b>	<b>464</b>	<b>208</b>	<b>446</b>	<b>217</b>	<b>0</b>	<b>1002</b>	<b>1262</b>	<b>466</b>	<b>2563</b>	<b>0</b>	<b>2962</b>	<b>366</b>	<b>709</b>	<b>486</b>	<b>312</b>	<b>85</b>	<b>167</b>	<b>662</b>	<b>370</b>	<b>234</b>	<b>1492</b>	<b>26</b>

\* Total Man-days = Total Hours / 8

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# 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	Cost % of Budget	2015											
								Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Monthly Update Ras Al Tawil &amp; Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi Booster Stati</b>		275d	04-Nov-14 A	04-Oct-15	0d	59.74%	67.84%												
<b>Milestones</b>		275d	04-Nov-14 A	04-Oct-15	0d	0%	0%												
<b>General Milestones</b>		334d	04-Nov-14 A	04-Oct-15	0d	0%	0%												
UDS-A-001	Notice to Proceed (NTP)	0d	04-Nov-14 A			100%	0%	◆ Notice to Proceed (NTP)											
UDS-A-011	Completion of Task Order	0d		04-Oct-15*	0d	0%	0%												
<b>Intermediate Milestones</b>		275d	04-Nov-14 A	04-Oct-15	0d	0%	0%												
UDS-IA-01	Start of Mobilization	0d	04-Nov-14 A			100%	0%	◆ Start of Mobilization											
UDS-IA-02	Finish of Mobilization	0d		17-Dec-14 A		100%	0%	◆ Finish of Mobilization											
UDS-IA-03	Start of Pre-Construction Submittals	0d	04-Nov-14 A			100%	0%	◆ Start of Pre-Construction Subm...											
UDS-IA-04	Finish of Pre-Construction Submittals	0d		23-Feb-15 A		100%	0%	◆ Finish of Pre-Construction Sub...											
UDS-IA-05	Start of Construction Submittals	0d	10-Nov-14 A			100%	0%	◆ Start of Construction Submitta...											
UDS-IA-06	Finish of Construction Submittals	0d		01-Jul-15	95d	100%	0%	◆ Finish of Construction S											
UDS-IA-16	Start of Construction (Ground Breaking )	0d	31-Jan-15 A			100%	0%	◆ 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			100%	0%	◆ Start of Construction of Ras A...											
UDS-IA-26	Finish of Construction of Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A	0d		02-Sep-15	12d	0%	0%	◆ Finish											
UDS-IA-30	Start of Construction of Al Safi Booster Station – Phase I Pipeline Connection	0d	07-Feb-15 A			100%	0%	◆ Start of Construction of Al Sa...											
UDS-IA-36	Finish of Construction of Al Safi Booster Station – Phase I Pipeline Connection	0d		02-Sep-15	12d	0%	0%	◆ Finish											
UDS-IA-46	Project Duration	275d	04-Nov-14 A	04-Oct-15	0d	67%	0%												
<b>PreConstruction Phase</b>		146d	04-Nov-14 A	26-Mar-15 A		100%	100%	26-Mar-15 A, PreConstruction P...											
<b>Mobilization</b>		23d	04-Nov-14 A	17-Dec-14 A		100%	100%	17-Dec-14 A, Mobilization											
UDS-MOB-01	Pre-Construction Dilapidation Survey	5d	05-Dec-14 A	10-Dec-14 A		100%	0%	■ Pre-Construction Dilapidation ...											
UDS-MOB-02	Provide, furnish and erect Temporary Project Signs	1d	30-Nov-14 A	30-Nov-14 A		100%	0%	I 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		100%	0%	I 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		100%	0%	I 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		100%	0%	I 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		100%	0%	I 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		100%	0%	I 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		100%	0%	■ Installation of Temporary Faci...											
UDS-MOB-09	Mobilization Summary	23d	04-Nov-14 A	17-Dec-14 A		100%	100%	Mobilization Summary											
<b>PreConstruction Submittals</b>		82d	04-Nov-14 A	23-Feb-15 A		0%	0%	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		100%	0%	I 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		100%	0%	■ Review & Approval of Bank Guar...											
UDS-PC-SUB-02	Preparation & Submit Scheduling Qualification Submittal	1d	04-Nov-14 A	06-Nov-14 A		100%	0%	I Preparation & Submit Scheduling...											
UDS-PC-SUB-02-R&A	Review & Approval of Scheduling Qualification Submittal	21d	06-Nov-14 A	12-Nov-14 A		100%	0%	■ 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		100%	0%	■ 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		100%	0%	■ Review & Approval of Prelimina...											
UDS-PC-SUB-04	Preparation & Submit Submittals Schedule	2d	04-Nov-14 A	06-Nov-14 A		100%	0%	I Preparation & Submit Submittal...											
UDS-PC-SUB-04-R&A	Review & Approval of Submittals Schedule	21d	06-Nov-14 A	12-Nov-14 A		100%	0%	■ Review & Approval of Submittal...											
UDS-PC-SUB-05	Preparation & Submit Key Staff	2d	18-Feb-15 A	22-Feb-15 A		100%	0%	■ Preparation & Submit Key Staff											
UDS-PC-SUB-05-R&A	Review & Approval of Key Staff	2d	22-Feb-15 A	23-Feb-15 A		100%	0%	I Review & Approval of Key Staff											
UDS-PC-SUB-06	Preparation & Submit Project Temporary Signs	2d	04-Nov-14 A	26-Nov-14 A		100%	0%	■ 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		100%	0%	I 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		100%	0%	■ 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		100%	0%	I 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		100%	0%	■ 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		100%	0%	I 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		100%	0%	■ 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		100%	0%	I 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		100%	0%	■ 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		100%	0%	■ Review & Approval of Quality C...											
UDS-PC-SUB-11	Preparation & Submit Safety Plan	5d	04-Nov-14 A	01-Dec-14 A		100%	0%	■ Preparation & Submit Safety PL...											
UDS-PC-SUB-11-R&A	Review & Approval of Safety Plan	21d	01-Dec-14 A	08-Dec-14 A		100%	0%	■ 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		100%	0%	■ Preparation & Submit Environme...											

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Schedule % Complete	Cost % of Budget	2015														
								Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep			
UDS-PC-SUB-13-R&A	Review & Approval of Environmental Monitoring and Mitigation Plan	21d	07-Dec-14 A	10-Dec-14 A		100%	0%															
UDS-PC-SUB-14	Preparation & Submit General Construction Method Statement	5d	04-Nov-14 A	03-Dec-14 A		100%	0%															
UDS-PC-SUB-14-R&A	Review & Approval of General Construction Method Statement	21d	03-Dec-14 A	29-Dec-14 A		100%	0%															
UDS-PC-SUB-15	Preparation & Submit Original CPM Construction Schedule	25d	09-Nov-14 A	08-Feb-15 A		100%	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%															
UDS-PC-SUB-16	Preparation & Submit Construction Risk Management Program	5d	04-Nov-14 A	16-Dec-14 A		100%	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%															
UDS-PC-SUB-17	Preparation & Submit Dilapidation Survey	3d	06-Nov-14 A	30-Nov-14 A		100%	0%															
UDS-PC-SUB-17-R&A	Review & Approval of Dilapidation Survey	21d	30-Nov-14 A	03-Dec-14 A		100%	0%															
UDS-PC-SUB-19	Preparation & Submit Insurances	2d	04-Nov-14 A	06-Nov-14 A		100%	0%															
UDS-PC-SUB-19-R&A	Review & Approval of Insurances	21d	06-Nov-14 A	30-Nov-14 A		100%	0%															
UDS-PC-SUB-20	Preparation & Submit Lists of Permits and Licenses	2d	04-Nov-14 A	11-Nov-14 A		100%	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%															
UDS-PC-SUB-21	Preparation & Submit Dumping Site	4d	06-Nov-14 A	10-Dec-14 A		100%	0%															
UDS-PC-SUB-21-R&A	Review & Approval of Dumping Site	21d	10-Dec-14 A	15-Dec-14 A		100%	0%															
UDS-PC-SUB-22	Preparation & Submit Storage Yard	5d	11-Nov-14 A	17-Nov-14 A		100%	0%															
UDS-PC-SUB-22-R&A	Review & Approval of Storage Yard	21d	17-Nov-14 A	18-Nov-14 A		100%	0%															
UDS-PC-SUB-23	Preparation & Submit Trench Safety Plan	9d	18-Nov-14 A	07-Dec-14 A		100%	0%															
UDS-PC-SUB-23-R&A	Review & Approval of Trench Safety Plan	21d	07-Dec-14 A	08-Dec-14 A		100%	0%															
<b>Traffic Control Plan, Coordination and Permits</b>		<b>146d</b>	<b>04-Nov-14 A</b>	<b>26-Mar-15 A</b>		<b>0%</b>	<b>0%</b>															
UDS-COR-01	Receive Final for Construction Drawings	1d	05-Nov-14 A	05-Nov-14 A		100%	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%															
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%															
UDS-COR-12	Coordination with the COGAT to obtain all the necessary approvals	45d	17-Dec-14 A	23-Feb-15 A		100%	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%															
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%															
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%															
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%															
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%															
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%															
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%															
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%															
<b>Construction Phase</b>		<b>256d</b>	<b>10-Nov-14 A</b>	<b>03-Oct-15</b>	<b>1d</b>	<b>58.73%</b>	<b>67.23%</b>															
<b>Construction Submittals</b>		<b>211d</b>	<b>10-Nov-14 A</b>	<b>16-Aug-15</b>	<b>25d</b>	<b>0%</b>	<b>0%</b>															
<b>Shopdrawing submittals</b>		<b>148d</b>	<b>04-Dec-14 A</b>	<b>25-Jun-15 A</b>		<b>0%</b>	<b>0%</b>															
<b>Water Pipeline Shopdrawing</b>		<b>99d</b>	<b>04-Dec-14 A</b>	<b>08-Apr-15 A</b>		<b>0%</b>	<b>0%</b>															
<b>500mm, 150mm and 80mm Pipes</b>		<b>99d</b>	<b>04-Dec-14 A</b>	<b>08-Apr-15 A</b>		<b>0%</b>	<b>0%</b>															
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		100%	0%															
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		100%	0%															
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		100%	0%															
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		100%	0%															
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		100%	0%															
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		100%	0%															
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		100%	0%															
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		100%	0%															
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		100%	0%															
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		100%	0%															
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		100%	0%															
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		100%	0%															
<b>Connect to the existing</b>		<b>44d</b>	<b>25-Jan-15 A</b>	<b>09-Feb-15 A</b>		<b>0%</b>	<b>0%</b>															
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		100%	0%															
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		100%	0%															
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		100%	0%															

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







Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Schedule % Complete	Cost % of Budget	2015														
								Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep			
UDS-MIS-30	Prep. & Sub. Identification Tape	5d	16-Nov-14 A	22-Dec-14 A		100%	0%															
UDS-MIS-30-RA	Review & Approval of Identification Tape	21d	22-Dec-14 A	29-Dec-14 A		100%	0%															
UDS-MIS-50	Prep. & Sub. Water Quality Testing Lab	5d	12-May-15 A	17-May-15 A		100%	0%															
UDS-MIS-50-RA	Review & Approval of Water Quality Testing Lab	21d	17-May-15 A	17-Jun-15 A		100%	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%															
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%															
UDS-MIS-70	Prep. & Sub. Proposed Welders for Welders Qualification Test - CVs	5d	17-Feb-15 A	15-Mar-15 A		100%	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%															
UDS-MIS-80	Prep. & Sub. Training Submittal (Qualification and Material)	5d	19-Apr-15 A	07-Jul-15	29d	0%	0%															
UDS-MIS-80-RA10	Review & Approval of Training Submittal (Qualification and Material)	21d	07-Jul-15	13-Aug-15	23d	0%	0%															
<b>Procurement</b>		<b>113d</b>	<b>17-Dec-14 A</b>	<b>15-Jul-15</b>	<b>14d</b>	<b>0%</b>	<b>0%</b>															
PRO-01	Order of 500 mm, 350mm, 150mm, 80mm Steel Pipes	2d	17-Dec-14 A	18-Dec-14 A		100%	0%															
PRO-1020	Manufacturing of 500 mm, 350mm, 150mm, 80mm Steel Pipes	50d	18-Dec-14 A	30-Mar-15 A		100%	0%															
PRO-1030	Delivery of 500 mm, 350mm, 150mm, 80mm Steel Pipes	2d	31-Mar-15 A	05-Apr-15 A		100%	0%															
PRO-1031	Order of Mechanical electrical fittings	2d	17-Jan-15 A	17-Feb-15 A		100%	0%															
PRO-1032	Manufacturing of Mechanical and electrical fittings	90d	17-Feb-15 A	28-Jun-15 A		96.25%	0%															
PRO-1035	Delivery of Mechanical and electrical fittings	13d	28-Jun-15 A	15-Jul-15	14d	0%	0%															
<b>Execution</b>		<b>252d</b>	<b>01-Dec-14 A</b>	<b>03-Oct-15</b>	<b>1d</b>	<b>58.73%</b>	<b>67.23%</b>															
<b>Ras Al Taweel &amp; Al 'Uddeisa Water Infrastructure Phase 1A</b>		<b>216d</b>	<b>01-Dec-14 A</b>	<b>03-Oct-15</b>	<b>1d</b>	<b>61.78%</b>	<b>69.95%</b>															
<b>Yatta Junction Traffic Control</b>		<b>149d</b>	<b>01-Dec-14 A</b>	<b>01-Aug-15</b>	<b>51d</b>	<b>100%</b>	<b>70.99%</b>															
E-R880	Implementation of Traffic Control Plan at Yatta Junction and Bani Naim reservoir	2d	25-Jan-15 A	31-Jan-15 A		100%	0%															
E-R890	Maintain of Traffic Control Plan at Yatta Junction and Bani Naim reservoir	83d	31-Jan-15 A	01-Aug-15	51d	100%	0%															
<b>Yatta Junction and Bani Naim Reservoir Service Connection</b>		<b>109d</b>	<b>31-Jan-15 A</b>	<b>01-Aug-15</b>	<b>51d</b>	<b>100%</b>	<b>68.53%</b>															
E-R110	Construction of Flow Monitoring chamber as per detail M-VCFM at Yatta Junction (Yaqaen)	20d	29-Jun-15 A	01-Aug-15	51d	100%	10%															
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		100%	100%															
E-R130	Construction of Bani Naim Reservoir Connection Chamber as per Detail A/M-0002	20d	31-Jan-15 A	18-Feb-15 A		100%	100%															
<b>Testing of Existing Pipeline</b>		<b>7d</b>	<b>01-Dec-14 A</b>	<b>02-Jul-15</b>	<b>55d</b>	<b>100%</b>	<b>90%</b>															
E-T-01	Clean, disinfect and test existing 500 mm DIP pipeline from Halhoul Regional Reservoir to connection	7d	01-Dec-14 A	02-Jul-15	55d	100%	90%															
<b>Phase 1</b>		<b>86d</b>	<b>23-Mar-15 A</b>	<b>01-Jul-15</b>	<b>69d</b>	<b>100%</b>	<b>89.63%</b>															
E-R100	Implementation of Traffic Control Plan Phase 1	2d	23-Mar-15 A	31-Mar-15 A		100%	0%															
E-R850	Maintain of Traffic Control Plan Phase 1	42d	31-Mar-15 A	01-Jul-15	69d	100%	0%															
<b>Pipeline segment from Station 1+000 to station 2+000</b>		<b>72d</b>	<b>05-Apr-15 A</b>	<b>01-Jul-15</b>	<b>69d</b>	<b>100%</b>	<b>89.63%</b>															
<b>Dual Trench 500mm and 150mm Pipelines and chambers</b>		<b>66d</b>	<b>05-Apr-15 A</b>	<b>01-Jul-15</b>	<b>69d</b>	<b>100%</b>	<b>91.66%</b>															
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		100%	0%															
E-R150	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 1+000 to ST 2+000	20d	05-Apr-15 A	22-Apr-15 A		100%	96.12%															
E-R160	Construction of 150mm Gate Valve chamber at station 0+990	15d	29-Apr-15 A	05-May-15 A		100%	100%															
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		100%	100%															
E-R175	Construction of 200mm WO chamber at station 1+450 for 500mm pipe	15d	02-May-15 A	10-May-15 A		100%	100%															
E-R176	Construction of 75mm WO chamber at station 1+448 for 150mm pipe (Cancelled)	0d	01-Jul-15	01-Jul-15	69d	100%	0%															
E-R280	Construction of 150mm Gate Valve chamber at station 1+960	15d	02-May-15 A	05-May-15 A		100%	100%															
E-R290	Construction of 500mm BFV chamber at station 1+960 (500mm isolation Chamber 1) (Cancelled)	0d	01-Jul-15	01-Jul-15	69d	100%	0%															
<b>80mm pipes and chambers</b>		<b>39d</b>	<b>02-May-15 A</b>	<b>08-Jun-15 A</b>		<b>100%</b>	<b>49.59%</b>															
E-R180	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+065	1d	13-May-15 A	13-May-15 A		100%	100%															
E-R190	Construction of 80mm Gate Valve chamber at station 1+065	15d	02-May-15 A	08-Jun-15 A		100%	100%															
E-R200	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+360	1d	03-May-15 A	05-May-15 A		100%	100%															
E-R210	Construction of 80mm Gate Valve chamber at station 1+360	15d	03-May-15 A	05-May-15 A		100%	0%															
E-R220	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+440	1d	04-May-15 A	05-May-15 A		100%	0%															
E-R230	Construction of 80mm Gate Valve chamber at station 1+440	15d	04-May-15 A	05-May-15 A		100%	0%															
E-R240	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+820	1d	19-May-15 A	19-May-15 A		100%	100%															
E-R250	Construction of 80mm Gate Valve chamber at station 1+820	15d	20-May-15 A	20-May-15 A		100%	100%															
E-R260	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+960	1d	03-May-15 A	05-May-15 A		100%	0%															
E-R270	Construction of 80mm Gate Valve chamber at station 1+960	15d	03-May-15 A	05-May-15 A		100%	0%															
<b>Phase 2</b>		<b>76d</b>	<b>20-Apr-15 A</b>	<b>25-Jun-15 A</b>		<b>99.65%</b>	<b>90.1%</b>															

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

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Schedule % Complete	Cost % of Budget	2015											
								Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Pipeline segment from Station 2+000 to station 3+000</b>								15-Jun-15 A, Pipeline segme											
E-R830	Implementation of Traffic Control Plan Phase 2	2d	20-Apr-15 A	22-Apr-15 A		100%	0%	Implementation of Traffic Cont...											
E-R860	Maintain of Traffic Control Plan Phase 2	73d	22-Apr-15 A	15-Jun-15 A		77.3%	0%	Maintain of Traffic Control Pl...											
<b>Dual Trench 500mm and 150mm Pipelines and chambers</b>								07-May-15 A, Dual Trench 500mm...											
E-R300	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 2+000 to ST 3+000	20d	22-Apr-15 A	07-May-15 A		100%	96.54%	Exc., Bed., Install. and Backf...											
<b>80mm pipes and chambers</b>								19-May-15 A, 80mm pipes and ch...											
E-R310	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 2+370	1d	17-May-15 A	19-May-15 A		100%	100%	Excavation, Bedding, Installat...											
E-R320	Construction of 80mm Gate Valve chamber at station 2+370	15d	18-May-15 A	19-May-15 A		100%	100%	Construction of 80mm Gate Valv...											
<b>Pipeline segment from Station 3+000 to station 4+000</b>								25-Jun-15 A, Pipeline segm											
<b>Dual Trench 500mm and 150mm Pipelines and chambers</b>								25-Jun-15 A, Dual Trench											
E-R330	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 3+000 to ST 4+000	20d	07-May-15 A	19-May-15 A		100%	96.53%	Exc., Bed., Install. and Backf...											
E-R340	Construction of 150mm Gate Valve chamber at station 3+050	15d	21-May-15 A	23-May-15 A		100%	100%	Construction of 150mm Gate Val...											
E-R350	Construction of 500mm BFV chamber at station 3+050 (500mm isolation chamber 2)	15d	10-May-15 A	21-May-15 A		100%	100%	Construction of 500mm BFV cham...											
E-R360	Construction of 75mm AVAR chamber at station 3+139 for 150mm pipe	15d	20-May-15 A	23-May-15 A		100%	100%	Construction of 75mm AVAR cham...											
E-R370	Construction of 100mm AVAR chamber at station 3+030 for 500mm pipe	15d	20-May-15 A	23-May-15 A		100%	100%	Construction of 100mm AVAR cha...											
E-R400	Construction of Flow Meter Monitoring chamber at station 3+420	15d	07-May-15 A	17-May-15 A		100%	0%	Construction of Flow Meter Mon...											
E-R410	Construction of 75mm WO chamber at station 3+512 for 150mm pipe	15d	15-Jun-15 A	25-Jun-15 A		100%	0%	Construction of 75mm WO											
E-R420	Construction of 200mm WO chamber at station 3+513 for 500mm pipe	15d	10-Jun-15 A	14-Jun-15 A		100%	100%	Construction of 200mm WO											
E-R490	Construction of 75mm AVAR chamber at station 3+873 for 150mm pipe	15d	15-Jun-15 A	25-Jun-15 A		100%	0%	Construction of 75mm AVA											
E-R500	Construction of 100mm AVAR chamber at station 3+872 for 500mm pipe	15d	15-Jun-15 A	25-Jun-15 A		100%	0%	Construction of 100mm AV											
E-R510	Construction of 75mm WO chamber at station 3+997.5 for 150mm pipe	15d	14-Jun-15 A	15-Jun-15 A		100%	100%	Construction of 75mm WO c											
E-R520	Construction of 200mm WO chamber at station 4+000 for 500mm pipe	15d	14-Jun-15 A	15-Jun-15 A		100%	100%	Construction of 200mm WO											
<b>80mm pipes and chambers</b>								04-Jun-15 A, 80mm pipes and c											
E-R380	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+245	1d	18-May-15 A	26-May-15 A		100%	0%	Excavation, Bedding, Installat...											
E-R390	Construction of 80mm Gate Valve chamber at station 3+245	15d	24-May-15 A	26-May-15 A		100%	100%	Construction of 80mm Gate Valv...											
E-R430	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+530	1d	26-May-15 A	28-May-15 A		100%	100%	Excavation, Bedding, Installat...											
E-R440	Construction of 80mm Gate Valve chamber at station 3+530	15d	26-May-15 A	28-May-15 A		100%	100%	Construction of 80mm Gate Valv...											
E-R450	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+570	1d	26-May-15 A	28-May-15 A		100%	100%	Excavation, Bedding, Installat...											
E-R460	Construction of 80mm Gate Valve chamber at station 3+570	15d	25-May-15 A	28-May-15 A		68.33%	100%	Construction of 80mm Gate Valv...											
E-R470	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+860	1d	03-Jun-15 A	04-Jun-15 A		100%	100%	Excavation, Bedding, Installat...											
E-R480	Construction of 80mm Gate Valve chamber at station 3+860	15d	01-Jun-15 A	04-Jun-15 A		0%	100%	Construction of 80mm Gate Val											
<b>Phase 3</b>								14-											
<b>Pipeline segment from Station 4+000 to station 5+000</b>								14-											
E-R840	Implementation of Traffic Control Plan Phase 3 (Area C)	2d	17-May-15 A	19-May-15 A		100%	0%	Implementation of Traffic Cont...											
E-R870	Maintain of Traffic Control Plan Phase 3 (Area C)	96d	19-May-15 A	14-Sep-15	0d	25.71%	0%	Mai											
<b>Dual Trench 500mm and 150mm Pipelines and chambers</b>								03-Aug-15, Du											
E-R530	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 4+000 to ST 5+000	20d	19-May-15 A	04-Jun-15 A		100%	96.47%	Exc., Bed., Install. and Backf...											
E-R560	Construction of 75mm AVAR chamber at station 4+391 for 150mm pipe	15d	15-Jun-15 A	17-Jun-15 A		0%	0%	Construction of 75mm AVAR											
E-R570	Construction of 150mm AVAR chamber at station 4+390 for 500mm pipe	15d	15-Jun-15 A	17-Jun-15 A		100%	100%	Construction of 150mm AVA											
E-R600	Construction of 150mm Gate Valve chamber at station 4+510	15d	15-Jun-15 A	17-Jun-15 A		100%	100%	Construction of 150mm Gate											
E-R610	Construction of 500mm BFV chamber at station 4+510 (500mm isolation chamber 3) (Cancelled)	0d	01-Jul-15	01-Jul-15	69d	100%	0%	Construction of 500mm											
E-R640	Construction of 75mm WO chamber at station 4+604 for 150mm pipe	15d	01-Jul-15	28-Jul-15	54d	100%	0%	Construction of 7											
E-R650	Construction of 200mm WO chamber at station 4+603 for 500mm pipe	15d	01-Jul-15	28-Jul-15	54d	100%	0%	Construction of 2											
E-R660	Excavation, Bedding, Installation and Backfilling of 150mm steel pipeline from station 4+850 to station 4+865	2d	15-Jun-15 A	25-Jun-15 A		100%	100%	Excavation, Bedding, Insta											
E-R670	Construction of 150mm Gate Valve chamber at station 4+850	15d	01-Jul-15	28-Jul-15	54d	61.67%	0%	Construction of 1											
E-R680	Construction of Al-Uddeisa Emergency Service Connection Chamber at Station 4+860 as per detail M-0004	20d	01-Jul-15	03-Aug-15	49d	46.25%	0%	Construction of											
E-R690	Construction of 150mm Gate Valve chamber at station 4+865	15d	01-Jul-15	28-Jul-15	54d	48.33%	0%	Construction of 1											
E-R700	Construction of 75mm AVAR chamber at station 4+904.5 for 150mm pipe	15d	01-Jul-15	28-Jul-15	54d	48.33%	0%	Construction of 7											
E-R710	Construction of 150mm AVAR chamber at station 4+905.5 for 500mm pipe	15d	01-Jul-15	28-Jul-15	54d	48.33%	0%	Construction of 1											
<b>80mm pipes and chambers</b>								02-Sep											
E-R540	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+110	1d	14-Jun-15 A	14-Jun-15 A		100%	100%	Excavation, Bedding, Installat											
E-R550	Construction of 80mm Gate Valve chamber at station 4+110	15d	09-Jun-15 A	14-Jun-15 A		100%	100%	Construction of 80mm Gate V											
E-R580	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+450	1d	01-Jul-15	02-Jul-15	0d	100%	0%	Excavation, Bedding, Ins											

Actual Work Critical Remaining Work Summary  
 Remaining Work Milestone



Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Schedule % Complete	Cost % of Budget	2015														
								Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep			
E-S-30	Construction of Conceret Pad as per detail S-190 - S-DT06 and Reconstruct Concrete wall and fence and Asphalt Reinst:	20d	10-Feb-15 A	05-Jul-15	28d	100%	90%															
E-S-40	Installation of Flow Meter and PRV Equipment Pad as per sheet M-0001	14d	15-Jul-15	05-Aug-15	22d	0%	0%															
E-S-50	Installation of yard pipeline including Two BFV chambers , C-504/C-DT61	20d	09-Feb-15 A	25-Jul-15	32d	0%	40%															
E-S-60	Installation of Tank Connection as per Detail CD-0001	7d	08-Mar-15 A	09-Jul-15	39d	0%	30.01%															
E-S-65	Pipe Marking	5d	09-Jul-15	22-Jul-15	46d	0%	0%															
<b>SCADA Programming</b>		<b>7d</b>	<b>16-Aug-15</b>	<b>24-Aug-15</b>	<b>12d</b>	<b>0%</b>	<b>0%</b>															
E-S-70	Instrumentation and Power Wiring for Flow and Pressure Transmitters	5d	16-Aug-15	22-Aug-15	12d	0%	0%															
E-S-80	PLC/ RTU and SCADA Programming	2d	22-Aug-15	24-Aug-15	12d	0%	0%															
<b>Testing, Training and Commissioning</b>		<b>49d</b>	<b>24-Jun-15 A</b>	<b>14-Sep-15</b>	<b>12d</b>	<b>0%</b>	<b>8.05%</b>															
E-S-090	Cleaning, washing, hydraulic test and disinfection for the entire pipelines in AISafi	3d	24-Jun-15 A	25-Jun-15 A		0%	100%															
E-S-100	Site inspection/ Support/ Start up (Precommissioning)	10d	30-Aug-15	10-Sep-15	12d	0%	0%															
E-S-110	Training	9d	03-Sep-15	14-Sep-15	12d	0%	0%															
E-S-120	O&M Technical Manuals	20d	15-Jul-15	12-Aug-15	28d	0%	0%															
E-S-90	Testing and Commissioning of Electrical and Control System and Equipment	5d	24-Aug-15	30-Aug-15	12d	0%	0%															
<b>Post Construction Phase</b>		<b>23d</b>	<b>02-Sep-15</b>	<b>04-Oct-15</b>	<b>0d</b>	<b>0%</b>	<b>0%</b>															
<b>Post Construction Submittals</b>		<b>23d</b>	<b>02-Sep-15</b>	<b>04-Oct-15</b>	<b>0d</b>	<b>0%</b>	<b>0%</b>															
PCS1000	Warranties	5d	14-Sep-15	20-Sep-15	0d	0%	0%															
PCS1010	Site Hand over and Final Acceptence Certificate	2d	29-Sep-15	01-Oct-15	0d	0%	0%															
PCS1020	Final Report	5d	14-Sep-15	20-Sep-15	8d	0%	0%															
PCS1030	Final Operation and Maintenance O&M Manual	4d	02-Sep-15	07-Sep-15	19d	0%	0%															
PCS1040	As-Built Drawings	5d	02-Sep-15	08-Sep-15	18d	0%	0%															
PCS1050	Spare Parts	5d	02-Sep-15	08-Sep-15	18d	0%	0%															
PCS1060	Release of Liens and Waiver of Debts and Claims letter	3d	29-Sep-15	03-Oct-15	1d	0%	0%															
PCS1070	Preparation of Final Payment	3d	29-Sep-15	03-Oct-15	1d	0%	0%															
PCS1080	Training Completion Documents	4d	20-Sep-15	29-Sep-15	0d	0%	0%															
PCS1090	Clearance Certificate from Local Authorities	3d	29-Sep-15	04-Oct-15	0d	0%	0%															
PCS1100	Demobilization	2d	01-Oct-15	04-Oct-15	0d	0%	0%															

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



# 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
<b>Monthly Update Ras Al Tawil &amp; Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi Booster Station</b>																	
<b>Milestones</b>																	
<b>Intermediate Milestones</b>																	
UDS-IA-06	Finish of Construction Submittals	0d		01-Jul-15	95d	◆ Finish of Construction Submitt.											
UDS-IA-46	Project Duration	275d	04-Nov-14 A	04-Oct-15	0d												
<b>Construction Phase</b>																	
<b>Construction Submittals</b>																	
<b>Material Submittals</b>																	
<b>Electrical Material Submittals</b>																	
UDS-EMS-20	Prep. & Sub. Antenna gsm / gprs Modem	5d	01-Jul-15	09-Jul-15	14d	■ Prep. & Sub. Antenna gsm/											
UDS-EMS-20-RA	Review & Approval of Antenna gsm / gprs Modem	21d	12-Jul-15	16-Aug-15	10d	■ Review & Appro											
<b>Miscellaneous</b>																	
UDS-MIS-80	Prep. & Sub. Training Submittal (Qualification and Material)	5d	19-Apr-15 A	07-Jul-15	29d	■ Prep. & Sub. Training Submitt											
UDS-MIS-80-RA10	Review & Approval of Training Submittal (Qualification and Material)	21d	07-Jul-15	13-Aug-15	23d	■ Review & Appro											
<b>Procurement</b>																	
PRO-1035	Delivery of Mechanical and electrical fittings	13d	28-Jun-15 A	15-Jul-15	14d	■ Delivery of Mechanical an											
<b>Execution</b>																	
<b>Ras Al Taweel &amp; Al 'Uddeisa Water Infrastructure Phase 1A</b>																	
<b>Yatta Junction Traffic Control</b>																	
E-R890	Maintain of Traffic Control Plan at Yatta Junction and Bani Naim reservoir	83d	31-Jan-15 A	01-Aug-15	51d	■ Maintain of Traffic C											
<b>Yatta Junction and Bani Naim Reservoir Service Connection</b>																	
E-R110	Construction of Flow Monitoring chamber as per detail M-VCFM at Yatta Junction (Yaqeen )	20d	29-Jun-15 A	01-Aug-15	51d	■ Construction of Flow											
<b>Testing of Existing Pipeline</b>																	
E-T-01	Clean, disinfect and test existing 500 mm DIP pipeline from Halhoul Regional Reservoir to connection	7d	01-Dec-14 A	02-Jul-15	55d	■ Clean, disinfect and test exis...											
<b>Phase 1</b>																	
E-R850	Maintain of Traffic Control Plan Phase 1	42d	31-Mar-15 A	01-Jul-15	69d	■ Maintain of Traffic Control Pl...											
<b>Pipeline segment from Station 1+000 to station 2+000</b>																	
<b>Dual Trench 500mm and 150mm Pipelines and chambers</b>																	
E-R176	Construction of 75mm WO chamber at station 1+448 for 150mm pipe (Cancelled)	0d	01-Jul-15	01-Jul-15	69d	■ Construction of 75mm WO cha											
E-R290	Construction of 500mm BFV chamber at station 1+960 (500mm isolation Chamber 1) (Cancelled)	0d	01-Jul-15	01-Jul-15	69d	■ Construction of 500mm BFV cl											
<b>Phase 3</b>																	
<b>Pipeline segment from Station 4+000 to station 5+000</b>																	
E-R870	Maintain of Traffic Control Plan Phase 3 (Area C)	96d	19-May-15 A	14-Sep-15	0d	■ Main											
<b>Dual Trench 500mm and 150mm Pipelines and chambers</b>																	
E-R610	Construction of 500mm BFV chamber at station 4+510 (500mm isolation chamber 3) (Canelled)	0d	01-Jul-15	01-Jul-15	69d	■ Construction of 500mm BFV cl											
E-R640	Construction of 75mm WO chamber at station 4+604 for 150mm pipe	15d	01-Jul-15	28-Jul-15	54d	■ Construction of 75mm											
E-R650	Construction of 200mm WO chamber at station 4+603 for 500mm pipe	15d	01-Jul-15	28-Jul-15	54d	■ Construction of 200m											
E-R670	Construction of 150mm Gate Valve chamber at station 4+850	15d	01-Jul-15	28-Jul-15	54d	■ Construction of 150m											
E-R680	Construction of Al-Uddeisa Emergency Service Connection Chamber at Station 4+860 as per detail M-0004	20d	01-Jul-15	03-Aug-15	49d	■ Construction of Al-U											
E-R690	Construction of 150mm Gate Valve chamber at station 4+865	15d	01-Jul-15	28-Jul-15	54d	■ Construction of 150m											
E-R700	Construction of 75mm AVAR chamber at station 4+904.5 for 150mm pipe	15d	01-Jul-15	28-Jul-15	54d	■ Construction of 75mm											
E-R710	Construction of 150mm AVAR chamber at station 4+905.5 for 500mm pipe	15d	01-Jul-15	28-Jul-15	54d	■ Construction of 150m											
<b>80mm pipes and chambers</b>																	
E-R580	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+450	1d	01-Jul-15	02-Jul-15	0d	■ Excavation, Bedding, Installat..											
E-R590	Construction of 80mm Gate Valve chamber at station 4+450	15d	02-Jul-15	29-Jul-15	0d	■ Construction of 80mr											
E-R620	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+585	1d	02-Jul-15	05-Jul-15	14d	■ Excavation, Bedding, Installat											
E-R720	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 5+000	1d	05-Jul-15	06-Jul-15	27d	■ Excavation, Bedding, Installat											
<b>Pipeline segment from Station 5+000 to station 5+597</b>																	
<b>Dual Trench 500mm and 150mm Pipelines and chambers</b>																	
E-R785	Construction of 75mm WO chamber at station 5+526.5 for 150mm pipe	15d	01-Jul-15	28-Jul-15	44d	■ Construction of 75mm											
E-R790	Excavation, Bedding, Installation and Backfilling of 350mm and 100mm steel pipelines from station 5+570	2d	01-Jul-15	05-Jul-15	49d	■ Excavation, Bedding, Installat											
E-R810	Construction of 500mm Flow Meter Monitoring chamber at station 5+580	15d	04-Jun-15 A	15-Jul-15 A		■ Construction of 500mm FH											
<b>80mm pipes and chambers</b>																	
						■ 08-Jul-15, 80mm pipes and c											

■ 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	
<b>Monthly Update Ras Al Tawil &amp; Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi Booster Station</b>																		
<b>Milestones</b>																		
<b>General Milestones</b>																		
UDS-A-001	Notice to Proceed (NTP)	0d	04-Nov-14 A															
<b>Intermediate Milestones</b>																		
UDS-IA-01	Start of Mobilization	0d	04-Nov-14 A															
UDS-IA-02	Finish of Mobilization	0d		17-Dec-14 A														
UDS-IA-03	Start of Pre-Construction Submittals	0d	04-Nov-14 A															
UDS-IA-04	Finish of Pre-Construction Submittals	0d		23-Feb-15 A														
UDS-IA-05	Start of Construction Submittals	0d	10-Nov-14 A															
UDS-IA-16	Start of Construction (Ground Breaking )	0d	31-Jan-15 A															
UDS-IA-20	Start of Construction of Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A	0d	31-Jan-15 A															
UDS-IA-30	Start of Construction of Al Safi Booster Station – Phase I Pipeline Connection	0d	07-Feb-15 A															
UDS-IA-46	Project Duration	275d	04-Nov-14 A	04-Oct-15	0d													
<b>PreConstruction Phase</b>																		
<b>Mobilization</b>																		
UDS-MOB-01	Pre-Construction Dilapidation Survey	5d	05-Dec-14 A	10-Dec-14 A														
UDS-MOB-02	Provide, furnish and erect Temporary Project Signs	1d	30-Nov-14 A	30-Nov-14 A														
UDS-MOB-03	Supply and furnish Field Office Furniture and Miscellaneous	2d	13-Nov-14 A	15-Nov-14 A														
UDS-MOB-04	Supply and install Field Office Computer Systems and IT Equipments	2d	05-Dec-14 A	07-Dec-14 A														
UDS-MOB-05	Arrange for and erect Contractor's work and Storage Yards	2d	04-Nov-14 A	06-Nov-14 A														
UDS-MOB-06	Moving onto the Sites of all Plant and equipments	3d	07-Nov-14 A	10-Nov-14 A														
UDS-MOB-07	Post OSHA-required notices and establish safety programs	2d	04-Nov-14 A	06-Nov-14 A														
UDS-MOB-08	Installation of Temporary Facilities as per section 01500	5d	04-Nov-14 A	09-Nov-14 A														
UDS-MOB-09	Mobilization Summary	23d	04-Nov-14 A	17-Dec-14 A														
<b>PreConstruction Submittals</b>																		
UDS-PC-SUB-01	Preparation & Submit Copy of Bank Guarantee Certificates	1d	04-Nov-14 A	06-Nov-14 A														
UDS-PC-SUB-01-R&A	Review & Approval of Bank Guarantee Certificates	21d	06-Nov-14 A	18-Nov-14 A														
UDS-PC-SUB-02	Preparation & Submit Scheduling Qualification Submittal	1d	04-Nov-14 A	06-Nov-14 A														
UDS-PC-SUB-02-R&A	Review & Approval of Scheduling Qualification Submittal	21d	06-Nov-14 A	12-Nov-14 A														
UDS-PC-SUB-03	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)	2d	04-Nov-14 A	09-Nov-14 A														
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														
UDS-PC-SUB-04	Preparation & Submit Submittals Schedule	2d	04-Nov-14 A	06-Nov-14 A														
UDS-PC-SUB-04-R&A	Review & Approval of Submittals Schedule	21d	06-Nov-14 A	12-Nov-14 A														
UDS-PC-SUB-05	Preparation & Submit Key Staff	2d	18-Feb-15 A	22-Feb-15 A														
UDS-PC-SUB-05-R&A	Review & Approval of Key Staff	2d	22-Feb-15 A	23-Feb-15 A														
UDS-PC-SUB-06	Preparation & Submit Project Temporary Signs	2d	04-Nov-14 A	26-Nov-14 A														
UDS-PC-SUB-06-R&A	Review & Approval of Project Temporary Signs	11d	26-Nov-14 A	27-Nov-14 A														
UDS-PC-SUB-07	Preparation & Submit Engineer's Field Office Location and Layout	2d	04-Nov-14 A	11-Nov-14 A														
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														
UDS-PC-SUB-08	Preparation & Submit Field Office Furniture and Equipment Plan	2d	06-Nov-14 A	11-Nov-14 A														
UDS-PC-SUB-08-R&A	Review & Approval of Field Office Furniture and Equipment Plan	12d	11-Nov-14 A	12-Nov-14 A														
UDS-PC-SUB-09	Preparation & Submit Field Office Computer Systems and Miscellaneous	5d	04-Nov-14 A	01-Dec-14 A														
UDS-PC-SUB-09-R&A	Review & Approval of Field Office Computer Systems and Miscellaneous	15d	01-Dec-14 A	03-Dec-14 A														
UDS-PC-SUB-10	Preparation & Submit Quality Control Plan with Testing Lab C.V	5d	04-Nov-14 A	01-Dec-14 A														
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														
UDS-PC-SUB-11	Preparation & Submit Safety Plan	5d	04-Nov-14 A	01-Dec-14 A														
UDS-PC-SUB-11-R&A	Review & Approval of Safety Plan	21d	01-Dec-14 A	08-Dec-14 A														
UDS-PC-SUB-13	Preparation & Submit Environmental Monitoring and Mitigation Plan	3d	04-Nov-14 A	07-Dec-14 A														
UDS-PC-SUB-13-R&A	Review & Approval of Environmental Monitoring and Mitigation Plan	21d	07-Dec-14 A	10-Dec-14 A														
UDS-PC-SUB-14	Preparation & Submit General Construction Method Statement	5d	04-Nov-14 A	03-Dec-14 A														
UDS-PC-SUB-14-R&A	Review & Approval of General Construction Method Statement	21d	03-Dec-14 A	29-Dec-14 A														
UDS-PC-SUB-15	Preparation & Submit Original CPM Construction Schedule	25d	09-Nov-14 A	08-Feb-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						
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																			
<b>AVAR Chambers</b>																							
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																			
<b>WO Washout Chambers</b>																							
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																			
<b>BFV Chambers</b>																							
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																			
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																			
<b>Flow Meter Monitoring chamber</b>																							
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																			
<b>Connection Chambers</b>																							
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																			
<b>Check Valve Chambers</b>																							
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																			
<b>Civil Shopdrawing</b>																							
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	25-Jun-15 A																			
<b>Al-Safi Shopdrawing</b>																							
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																			

■ 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
UDS-CMS-40	Prep. & Sub. Concrete Mix Design	28d	01-Dec-14 A	08-Dec-14 A				■									
UDS-CMS-40-RA	Review & Approval of Concrete Mix Design	21d	08-Dec-14 A	10-Dec-14 A				■									
UDS-CMS-45	Prep. & Sub. Steel Reinforcement	4d	04-Dec-14 A	14-Dec-14 A				■									
UDS-CMS-45-RA	Review & Approval of Steel Reinforcement	21d	14-Dec-14 A	15-Dec-14 A				■									
UDS-CMS-50	Prep. & Sub. Bituminous Cold Material (for external coating for Concrete Chambers)	3d	17-Dec-14 A	27-Dec-14 A				■									
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				■									
UDS-CMS-60	Prep. & Sub. Manhole covers and frames	5d	16-Nov-14 A	26-Nov-14 A				■									
UDS-CMS-60-RA	Review & Approval of Manhole covers and frames	21d	26-Nov-14 A	30-Nov-14 A				■									
UDS-CMS-70	Prep. & Sub. Pipe's supports	4d	01-Jan-15 A	05-Jan-15 A					■								
UDS-CMS-70-RA	Review & Approval of Pipe's supports	21d	05-Jan-15 A	11-Jan-15 A					■								
UDS-CMS-80	Prep. & Sub. Manhole Rungs	5d	08-Dec-14 A	10-Dec-14 A				■									
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													
<b>Electrical Material Submittals</b>																	
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				■									
<b>Method Statement</b>																	
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													
UDS-MS-060-RA	Review & Approval of Method Statement for Pipeline Testing and Disinfection	21d	17-May-15 A	17-Jun-15 A													
<b>Miscellaneous</b>																	
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-50-RA	Review & Approval of Water Quality Testing Lab	21d	17-May-15 A	17-Jun-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													

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

TASK filters: Completed, In Progress.





Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015													
						Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
<b>Miscellaneous</b>																			
E1070	Concrete Encasement	5d	27-Apr-15 A	14-Jun-15 A														14-Jun-15 A, Miscellaneous	
<b>Testing, Training and Commissioning</b>																			
E-S-140	Cleaning, washing, hydraulic test and disinfection for Ras Al Taweel & Al 'Uddeisa Transmission Pipeline	7d	13-Jun-15 A	07-Jul-15	43d													07-Jul-15, Testing, Training a	
<b>Al Safi Booster Station - Phase I Pipeline Connection</b>																			
COR-1120	Coordination with Engineer for the temporary outage of existing pipeline	14d	01-Jan-15 A	16-Jan-15 A														25-Jul-15, Al Safi Boos	
<b>Civil and Mechanical Work</b>																			
E-S-09	Fabrication of New 900 X 400 steel Tee	2d	17-Jan-15 A	05-Feb-15 A														25-Jul-15, Civil and Me	
E-S-10	Disconnect the 900 DIP Main Pipeline and installation of New 900 X 400 steel Tee with Ductile Flanged Socket Adaptors	1d	07-Feb-15 A	07-Feb-15 A															
E-S-20	Installation of 400 mm Flanged dismantling Joint and 400mm Flanged Butterfly Valve including 400 mm steel pipe	1d	07-Feb-15 A	07-Feb-15 A															
E-S-30	Construction of Conceret Pad as per detail S-190 - S-DT06 and Reconstruct Concrete wall and fence and Asphalt Reinst:	20d	10-Feb-15 A	05-Jul-15	28d														
E-S-50	Installation of yard pipeline including Two BFV chambers , C-504/C-DT61	20d	09-Feb-15 A	25-Jul-15	32d														
E-S-60	Installation of Tank Connection as per Detail CD-0001	7d	08-Mar-15 A	09-Jul-15	39d														
<b>Testing, Training and Commissioning</b>																			
E-S-090	Cleaning, washing, hydraulic test and disinfection for the entire pipelines in AlSafi	3d	24-Jun-15 A	25-Jun-15 A														25-Jun-15 A, Testing, Training...	

█ 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

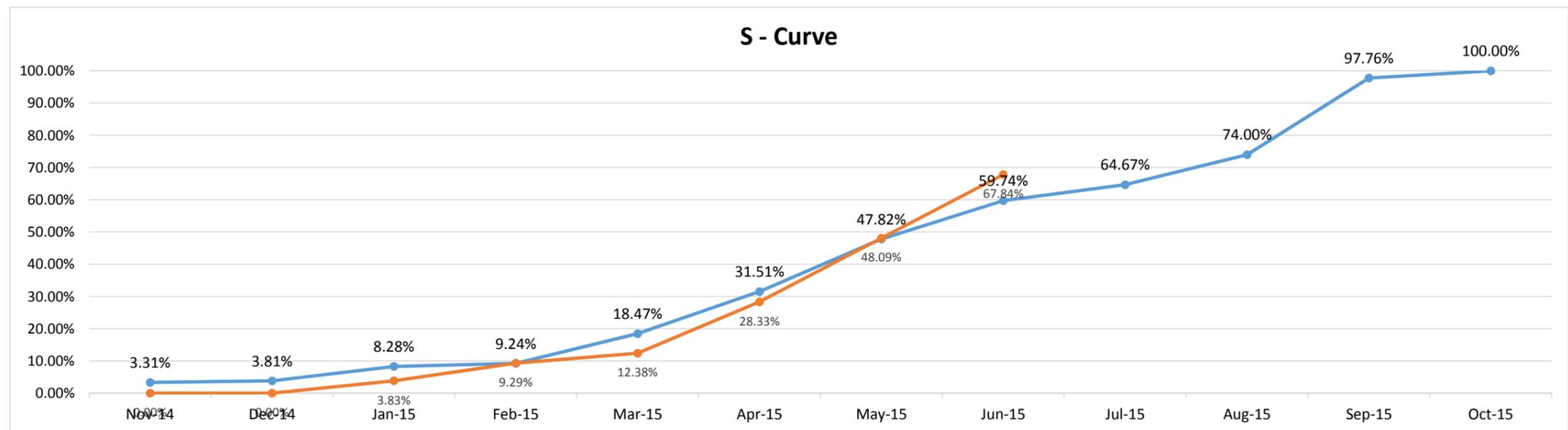
TASK ORDER NO. AID-294-TO-14-00002

Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and 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%
Actual Value	\$ -	\$ -	\$162,632.00	\$231,340.00	\$131,301.00	\$676,541.19	\$838,757.33	\$837,876.80				
Actual Value (Accumulative)	\$ -	\$ -	\$162,632.00	\$ 393,972.00	\$ 525,273.00	\$ 1,201,814.19	\$ 2,040,571.52	\$ 2,878,448.32				
Actual %	0.00%	0.00%	3.83%	5.45%	3.09%	15.95%	19.77%	19.75%				
Actual % (Accumulative)	0.00%	0.00%	3.83%	9.29%	12.38%	28.33%	48.09%	67.84%				





# 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

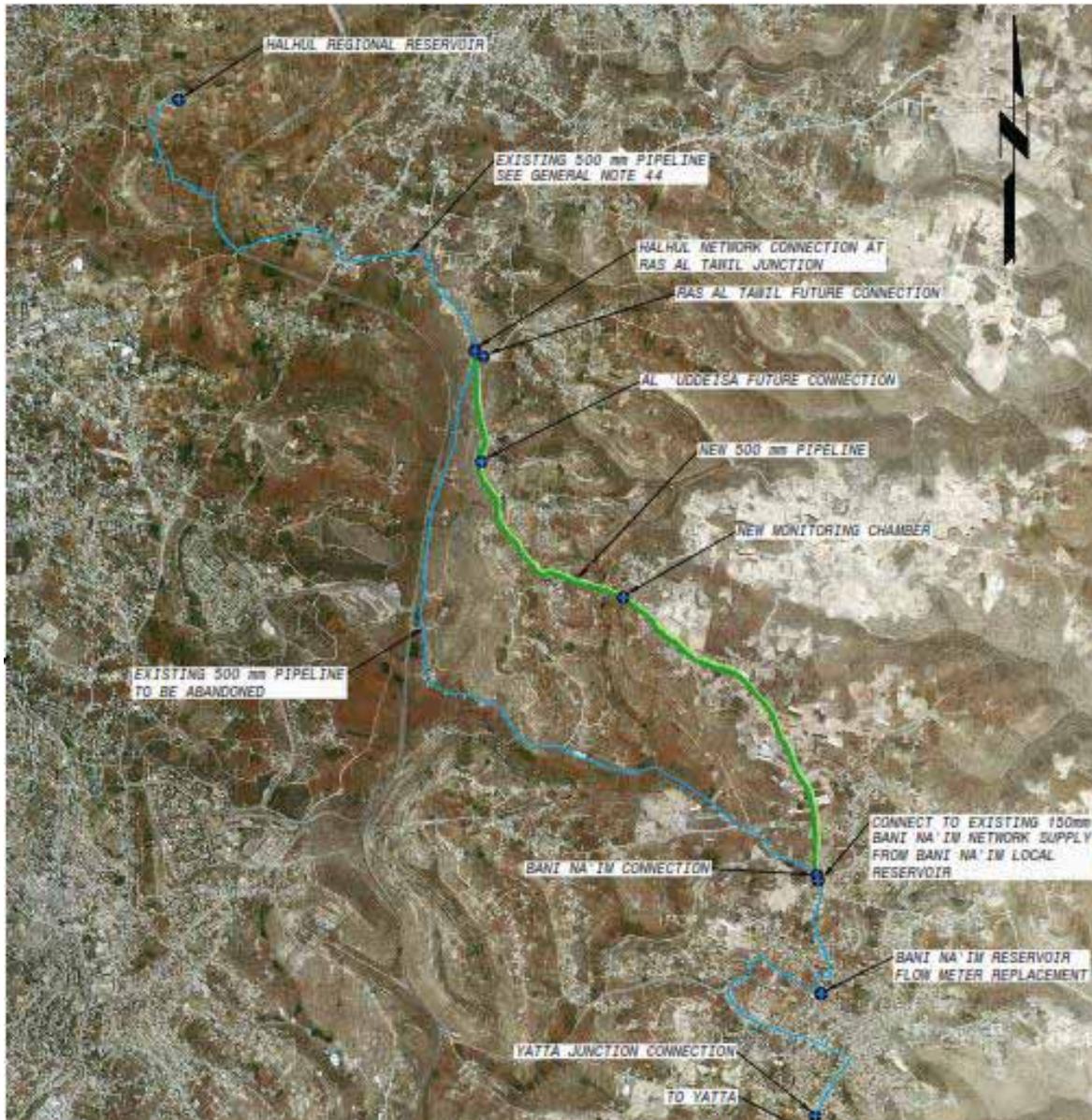
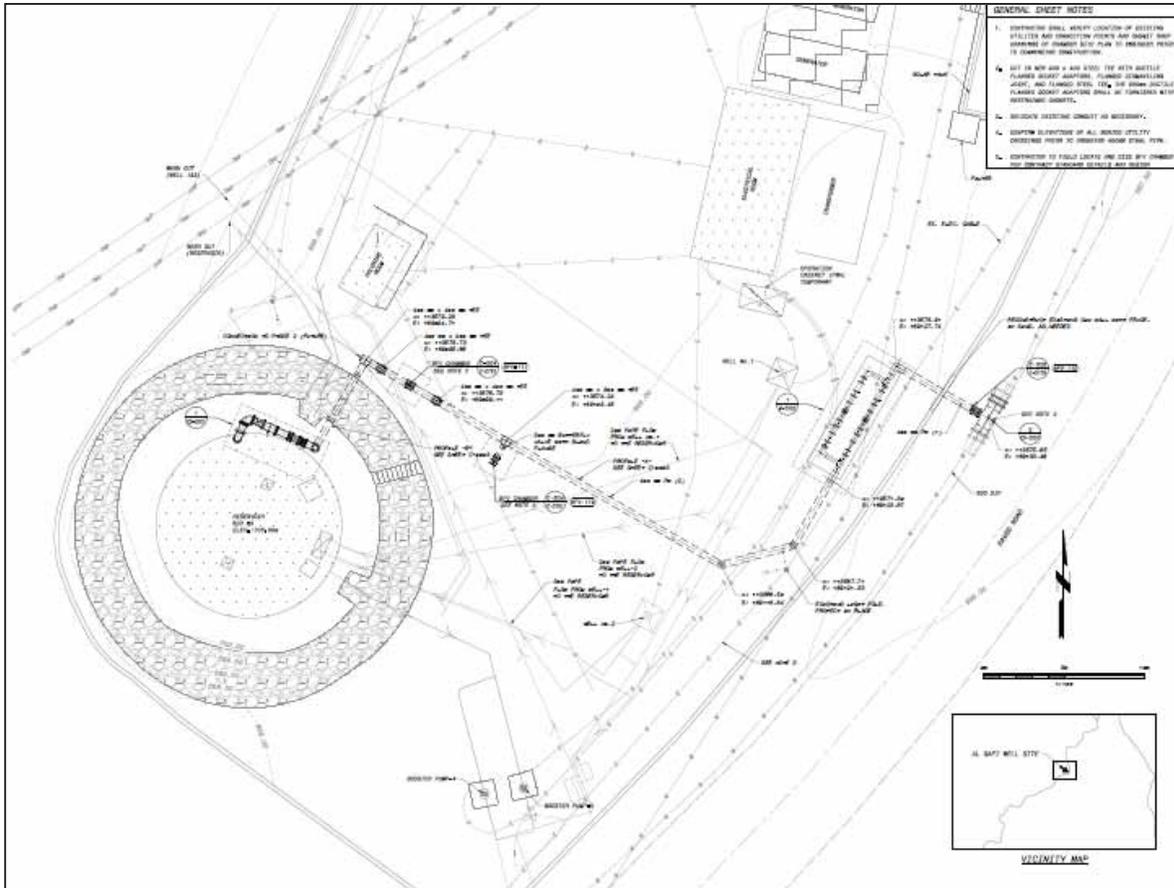


Figure 1: RAS AL TAWIL & AL 'UDEISA WATER INFRASTRUCTURE PHASE 1A



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 <b>Bank Guarantee Certificates</b>	Within (14) calendar days after the date of Task Order award
Preparation & Submit <b>Scheduling Qualification Submittal</b>	within 10 Days after Notice to Proceed
Preparation & Submit <b>Key Staff</b>	Due no later than 14 days NTP
Preparation & Submit <b>Quality Control Plan with Testing Lab C.V</b>	Due no later than 30 days after Notice to Proceed and prior to commencement of any construction activity.
Preparation & Submit <b>Safety Plan</b>	Due no later than 45 days after issuance of NTP and prior to commencement of any construction activity.
Preparation & Submit <b>Traffic Control Plan</b>	Due prior to commencement of any construction activity.
Preparation & Submit <b>Environmental Monitoring and Mitigation Plan</b>	Due no later than 45 days after issuance of NTP, and prior to commencement of any construction activity.
Preparation & Submit <b>Original CPM Construction Schedule</b>	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	AWAR 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 m<sup>2</sup> per day
- Base course crew: 1000 – 1200 m<sup>2</sup> per day
- Asphalts restoration crew: 150 - 200 linear meters per day for trench asphalt restoration.
- Asphalt Crew: 2000 – 2200 m<sup>2</sup> 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					
<b>Asphalt/Road Reinstatement</b>																																			
Asphalt/Road Reinstatement	SAK	1		5					4	5	2				1			1	1			1	1	1			1								
<b>Group 2</b>																																			
<b>Electro-mechanical Works</b>																																			
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 - <b>Notice to Proceed</b>	November 04, 2014
Finish Milestone - <b>Project Completion:</b>	October 29, 2015
Preparation & Submit Copy of <b>Bank Guarantee Certificates</b>	Within (14) calendar days after the date of Task Order award
Preparation & Submit <b>Scheduling Qualification Submittal</b>	within 10 Days after Notice to Proceed
Preparation & Submit <b>Key Staff</b>	Due no later than 14 days NTP
Preparation & Submit <b>Quality Control Plan with Testing Lab C.V</b>	Due no later than 30 days after issuance of Notice to Proceed and prior to commencement of any construction activity.
Preparation & Submit <b>Safety Plan</b>	Due no later than 45 days after issuance of NTP and prior to commencement of any construction activity.
Preparation & Submit <b>Traffic Control Plan</b>	Due prior to commencement of any construction activity.
Preparation & Submit <b>Environmental Monitoring and Mitigation Plan</b>	Due no later than 45 days after issuance of NTP, and prior to commencement of any construction activity.
Preparation & Submit <b>Original CPM Construction Schedule</b>	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

Scheduling .....Yes  
 Leveling .....No  
 Ignore relationships to and from other projects .....No  
 Make open-ended activities critical .....No  
 Use Expected Finish Dates .....Yes  
 Schedule automatically when a change affects dates .....No  
 Level resources during scheduling .....No  
 Recalculate assignment costs after scheduling .....No  
 When scheduling progressed activities use .....Retained Logic  
 Calculate start-to-start lag from .....Early Start  
 Define critical activities as Total Float less than or equal to 0  
 Compute Total Float as .....Finish Float  
 Calculate float based on finish date of .....Each project  
 Calendar for scheduling Relationship Lag .....Predecessor 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



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
<b>Baseline - Ras Al Tawil &amp; Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi Booster Station</b>						29-Oct-15, Baseline													
<b>Milestones</b>						29-Oct-15, Mileston													
<b>General Milestones</b>						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													
<b>Intermediate Milestones</b>						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...													
<b>PreConstruction Phase</b>						03-Dec-14, PreConstruction Pha...													
<b>Mobilization</b>						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...													
<b>PreConstruction Submittals</b>						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...													
<b>Construction Phase</b>						29-Oct-15, Constru													
<b>Construction Submittals</b>						18-Feb-15, Construction Submit...													
<b>Material Submittals</b>						18-Feb-15, Material Submittals													
<b>Mechanical Material Submittals</b>						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													
<b>Electrical Material Submittals</b>						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...													
<b>Procurement</b>						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...													
<b>Execution</b>						29-Oct-15, Executi													
<b>Ras Al Tawil &amp; Al 'Uddeisa Water Infrastructure Phase 1A</b>						29-Oct-15, Ras Al T													
<b>Mechanical Electrical Installation</b>						04-Oct-15, Mechanical E													
<b>Mechanical Valves and Fittings</b>						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													
<b>Testing, Training and Commissioning</b>						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



**Report for:**  
**Activities sorted by Early Start and Total Float**

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
<b>Baseline - Ras Al Tawil &amp; Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi Booster Station</b>						29-Oct-15, Baseline													
<b>Milestones</b>						29-Oct-15, Mileston													
<b>General Milestones</b>						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													
<b>Intermediate Milestones</b>						29-Oct-15, Interme													
UDS-IA-01	Start of Mobilization	04-Nov-14		☑	25.00	Start of Mobilization													
UDS-IA-02	Finish of Mobilization		04-Dec-14*	☑	0.00	Finish of Mobilization													
UDS-IA-03	Start of Pre-Construction Submittals	04-Nov-14		☑	0.00	Start of Pre-Construction Subm...													
UDS-IA-04	Finish of Pre-Construction Submittals		12-Jan-15		67.00	Finish of Pre-Construction Sub...													
UDS-IA-05	Start of Construction Submittals	14-Nov-14			2.00	Start of Construction Submitta...													
UDS-IA-06	Finish of Construction Submittals		04-May-15		177.00	Finish of Construction Submitt...													
UDS-IA-16	Start of Construction (Ground Breaking )	12-Mar-15			9.00	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	Start of Construction of Ras A...													
UDS-IA-26	Finish of Construction of Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A		04-Oct-15		11.00	Finish of Construction of													
UDS-IA-30	Start of Construction of Al Safi Booster Station – Phase I Pipeline Connection	13-Jan-15			267.00	Start of Construction of Al Sa...													
UDS-IA-36	Finish of Construction of Al Safi Booster Station – Phase I Pipeline Connection		04-Oct-15		11.00	Finish of Construction of													
UDS-IA-46	Project Duration	04-Nov-14	29-Oct-15		0.00	Project Duration													
<b>PreConstruction Phase</b>						12-Mar-15, PreConstruction Pha...													
<b>Mobilization</b>						03-Dec-14, Mobilization													
UDS-MOB-01	Pre-Construction Dilapidation Survey	04-Nov-14	03-Dec-14		18.00	Pre-Construction Dilapidation ...													
UDS-MOB-02	Provide, furnish and erect Temporary Project Signs	25-Nov-14	25-Nov-14		7.00	Provide, furnish and erect Tem...													
UDS-MOB-03	Supply and furnish Field Office Furniture and Miscellaneous	26-Nov-14	27-Nov-14		4.00	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	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	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	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	Post OSHA-required notices and...													
UDS-MOB-08	Installation of Temporary Facilities as per section 01500	04-Nov-14	09-Nov-14		18.00	Installation of Temporary Faci...													
UDS-MOB-09	Mobilization Summary	04-Nov-14	03-Dec-14		0.00	Mobilization Summary													
<b>PreConstruction Submittals</b>						12-Jan-15, PreConstruction Sub...													
UDS-PC-SUB-01	Preparation & Submit Copy of Bank Guarantee Certificates	04-Nov-14	04-Nov-14		77.00	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	Review & Approval of Bank Guar...													
UDS-PC-SUB-02	Preparation & Submit Scheduling Qualification Submittal	04-Nov-14	04-Nov-14*		5.00	Preparation & Submit Scheduling...													
UDS-PC-SUB-02-R&A	Review & Approval of Scheduling Qualification Submittal	05-Nov-14	04-Dec-14		73.00	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	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	Review & Approval of Prelimina...													
UDS-PC-SUB-04	Preparation & Submit Submittals Schedule	04-Nov-14	05-Nov-14		34.13	Preparation & Submit Submittal...													
UDS-PC-SUB-04-R&A	Review & Approval of Submittals Schedule	06-Nov-14	07-Dec-14		31.13	Review & Approval of Submittal...													
UDS-PC-SUB-05	Preparation & Submit Key Staff	04-Nov-14	05-Nov-14		76.00	Preparation & Submit Key Staff													
UDS-PC-SUB-05-R&A	Review & Approval of Key Staff	06-Nov-14	07-Dec-14		72.00	Review & Approval of Key Staff													
UDS-PC-SUB-06	Preparation & Submit Project Temporary Signs	04-Nov-14	05-Nov-14		9.00	Preparation & Submit Project T...													
UDS-PC-SUB-06-R&A	Review & Approval of Project Temporary Signs	06-Nov-14	23-Nov-14		7.00	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	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	Review & Approval of Engineer'...													
UDS-PC-SUB-08	Preparation & Submit Field Office Furniture and Equipment Plan	06-Nov-14	08-Nov-14		3.00	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	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	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...													
UDS-PC-SUB-10	Preparation & Submit Quality Control Plan with Testing Lab C.V	04-Nov-14	09-Nov-14*		19.00	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	Review & Approval of Quality C...													

█ 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
<b>Civil Shopdrawing</b>																			
UDS-CS-260	Prep. & Sub. Shop drawing for Roads	22-Mar-15	01-Apr-15		133.00														
UDS-CS-260 R&A	Review & Approval of Shop drawing for Roads	02-Apr-15	04-May-15		109.13														
UDS-CS-270	Prep. & Sub. Shop drawing for Formwork	21-Dec-14	30-Dec-14		121.13														
UDS-CS-270 R&A	Review & Approval of Shop drawing for Formwork	31-Dec-14	29-Jan-15		107.13														
<b>Al-Safi Shopdrawing</b>																			
UDS-CS-280	Prep. & Sub. Shop drawing for connection of DN400 steel pipe to DN900 existing DIP	10-Dec-14	23-Dec-14		115.63														
UDS-CS-280 R&A	Review & Approval of Shop drawing for connection of DN400 steel pipe to DN900 existing DIP	24-Dec-14	25-Jan-15		110.63														
UDS-CS-290	Prep. & Sub. Shop drawing for Steel Pipe Tank Connection	24-Dec-14	12-Jan-15		115.63														
UDS-CS-290 R&A	Review & Approval of Shop drawing for Steel Pipe Tank Connection	27-Jan-15	24-Feb-15		133.00														
UDS-CS-300	Prep. & Sub. Shop drawing for Flow Monitoring & Flow Control Valve Assembly	13-Jan-15	26-Jan-15		131.88														
UDS-CS-300 R&A	Review & Approval of Shop drawing for Flow Monitoring & Flow Control Valve Assembly	13-Jan-15	10-Feb-15		98.63														
UDS-CS-310	Prep. & Sub. Shop drawing for 300mm and 400mm BFV chambers	27-Jan-15	02-Feb-15		131.88														
UDS-CS-310 R&A	Review & Approval of Shop drawing for 300mm and 400mm BFV chambers	03-Feb-15	03-Mar-15		111.00														
UDS-CS-320	Prep. & Sub. Shop drawing for Instrumentations	03-Feb-15	16-Feb-15		149.00														
UDS-CS-320 R&A	Review & Approval of Shop drawing for Instrumentations	17-Feb-15	17-Mar-15		124.13														
<b>Material Submittals</b>																			
<b>Mechanical Material Submittals</b>																			
UDS-MMS-010	Prep. & Sub. 500mm Steel Pipes	16-Nov-14	20-Nov-14	✓	0.00														
UDS-MMS-010-RA	Review & Approval of 500 mm Steel Pipes	23-Nov-14	21-Dec-14		6.00														
UDS-MMS-020	Prep. & Sub. Butterfly Valve	16-Nov-14	20-Nov-14	✓	0.00														
UDS-MMS-020-RA	Review & Approval of Butterfly Valve	23-Nov-14	21-Dec-14		41.00														
UDS-MMS-030	Prep. & Sub. Gate Valve	06-Dec-14	10-Dec-14	✓	0.00														
UDS-MMS-030-RA	Review & Approval of Gate Valve	11-Dec-14	12-Jan-15		27.00														
UDS-MMS-040	Prep. & Sub. Combination Air Valve	22-Dec-14	28-Dec-14	✓	0.00														
UDS-MMS-040-RA	Review & Approval of Combination Air Valve	29-Dec-14	27-Jan-15		16.00														
UDS-MMS-050	Prep. & Sub. Check Valve	22-Dec-14	06-Jan-15	✓	0.00														
UDS-MMS-050-RA	Review & Approval of Check Valve	07-Jan-15	04-Feb-15		10.00														
UDS-MMS-060	Prep. & Sub. Flow Control Valve	06-Dec-14	10-Dec-14	✓	0.00														
UDS-MMS-060-RA	Review & Approval of Flow Control Valve	11-Dec-14	12-Jan-15		27.00														
UDS-MMS-070	Prep. & Sub. Pressure Relief Valve	08-Dec-14	21-Dec-14	✓	0.00														
UDS-MMS-070-RA	Review & Approval of Pressure Relief Valve	22-Dec-14	21-Jan-15		20.00														
UDS-MMS-080	Prep. & Sub. Strainer	22-Nov-14	29-Nov-14	✓	0.00														
UDS-MMS-080-RA	Review & Approval of Strainer	30-Nov-14	29-Dec-14		36.00														
UDS-MMS-090	Prep. & Sub. Combined flow control and Pressure Reducing Valve	22-Dec-14	28-Dec-14	✓	0.00														
UDS-MMS-090-RA	Review & Approval of Combined flow control and Pressure Reducing Valve	29-Dec-14	27-Jan-15		16.00														
UDS-MMS-110	Prep. & Sub. Dismantling joints	22-Nov-14	29-Nov-14	✓	0.00														
UDS-MMS-110-RA	Review & Approval of Dismantling joints	30-Nov-14	29-Dec-14		36.00														
UDS-MMS-120	Prep. & Sub. Mechanical coupling & socket adapters	22-Dec-14	28-Dec-14	✓	0.00														
UDS-MMS-120-RA	Review & Approval of Mechanical coupling & socket adapters	29-Dec-14	27-Jan-15		16.00														
UDS-MMS-140	Prep. & Sub. Float (level) control valves	29-Dec-14	06-Jan-15	✓	0.00														
UDS-MMS-140-RA	Review & Approval of Float (level) control valves	07-Jan-15	04-Feb-15		10.00														
UDS-MMS-150	Prep. & Sub. Flange Gaskets	11-Jan-15	15-Jan-15	✓	4.00														
UDS-MMS-150-RA	Review & Approval of Flange Gaskets	18-Jan-15	15-Feb-15		3.00														
UDS-MMS-160	Prep. & Sub. Galvanized Malleable Iron Fittings Up to 2"	17-Jan-15	20-Jan-15	✓	124.00														
UDS-MMS-160-RA	Review & Approval of Galvanized Malleable Iron Fittings Up to 2"	21-Jan-15	18-Feb-15		105.13														
UDS-MMS-170	Prep. & Sub. Bolts, studs, nuts, and washers	11-Jan-15	14-Jan-15	✓	0.00														
UDS-MMS-170-RA	Review & Approval of Bolts, studs, nuts, and washers	15-Jan-15	12-Feb-15		109.13														
UDS-MMS-180	Prep. & Sub. Flanges	15-Jan-15	20-Jan-15	✓	0.00														
UDS-MMS-180-RA	Review & Approval of Flanges	21-Jan-15	18-Feb-15		0.00														
UDS-MMS-190	Prep. & Sub. Pressure Gauge, ball valve, and snubber	21-Jan-15	26-Jan-15	✓	9.00														

█ Actual Work   
 █ Critical Remaining Work   
 █ Remaining Work   
 ▾ Summary   
 ◆ 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
<b>Miscellaneous</b>																			
E1070	Concrete Encasement	26-May-15	26-Jul-15		65.00														
E1080	Reinforced Concrete Encasement	26-May-15	31-May-15		101.00														
E1090	Pipe Marking	21-Jul-15	26-Jul-15		65.00														
<b>Testing, Training and Commissioning</b>																			
E-S-140	Cleaning, washing, hydraulic test and disinfection for Ras Al Taweel & Al 'Uddeisa Transmission Pipeline	01-Sep-15	09-Sep-15		17.00														
E-S-145	Site inspection/ Support/ Start up (Precommissioning)	04-Oct-15	15-Oct-15		0.00														
E-S-150	Training	15-Oct-15	22-Oct-15		0.00														
E-S-160	O&M Technical Manuals	04-Aug-15	27-Aug-15		28.00														
E-S-173	Testing and Commissioning of Electrical and Control System and Equipment	19-Sep-15	01-Oct-15		24.00														
E-S-174	Testing and Commissioning of the entire system	22-Oct-15	29-Oct-15		0.00														
<b>Al Safi Booster Station -- Phase I Pipeline Connection</b>																			
COR-1120	Coordination with Engineer for the temporary outage of existing pipeline	16-Nov-14	03-Dec-14		233.00														
<b>Civil and Mechanical Work</b>																			
E-S-09	Fabrication of New 900 X 400 steel Tee	26-Jan-15	27-Jan-15		197.00														
E-S-10	Disconnect the 900 DIP Main Pipeline and installation of New 900 X 400 steel Tee with Ductile Flanged Socket Adaptors	28-Jan-15	28-Jan-15		197.00														
E-S-20	Installation of 400 mm Flanged dismantling Joint and 400mm Flanged Butterfly Valve including 400 mm steel pipe	28-Jan-15	28-Jan-15		197.00														
E-S-30	Construction of Concrete Pad as per detail S-190 - S-DT06 and Reconstruct Concrete wall and fence and Asphalt Reinstate	11-Feb-15	07-Mar-15		117.88														
E-S-40	Installation of Flow Meter and PRV Equipment Pad as per sheet M-0001	04-Aug-15	20-Aug-15		3.87														
E-S-50	Installation of yard pipeline including Two BFV chambers, C-504/C-DT61	20-Aug-15	13-Sep-15		3.87														
E-S-60	Installation of Tank Connection as per Detail CD-0001	13-Sep-15	21-Sep-15		3.87														
E-S-65	Pipe Marking	21-Sep-15	01-Oct-15		11.87														
<b>SCADA Programming</b>																			
E-S-70	Instrumentation and Power Wiring for Flow and Pressure Transmitters	21-Sep-15	01-Oct-15		3.87														
E-S-80	PLC/ RTU and SCADA Programming	01-Oct-15	04-Oct-15		3.87														
<b>Testing, Training and Commissioning</b>																			
E-S-090	Cleaning, washing, hydraulic test and disinfection for the entire pipelines in AlSafi	21-Sep-15	29-Sep-15		12.87														
E-S-100	Site inspection/ Support/ Start up (Precommissioning)	10-Oct-15	21-Oct-15		3.87														
E-S-110	Training	14-Oct-15	25-Oct-15		3.87														
E-S-120	O&M Technical Manuals	04-Aug-15	27-Aug-15		37.00														
E-S-90	Testing and Commissioning of Electrical and Control System and Equipment	04-Oct-15	10-Oct-15		3.87														
<b>Post Construction Phase</b>																			
<b>Post Construction Submittals</b>																			
PCS1000	Warranties	15-Oct-15	21-Oct-15		0.00														
PCS1010	Site Hand over and Final Acceptance Certificate	26-Oct-15	28-Oct-15		0.00														
PCS1020	Final Report	15-Oct-15	21-Oct-15		7.00														
PCS1030	Final Operation and Maintenance O&M Manual	04-Oct-15	08-Oct-15		18.00														
PCS1040	As-Built Drawings	04-Oct-15	10-Oct-15		17.00														
PCS1050	Spare Parts	04-Oct-15	10-Oct-15		17.00														
PCS1060	Release of Liens and Waiver of Debts and Claims letter	26-Oct-15	29-Oct-15		0.00														
PCS1070	Preparation of Final Payment	26-Oct-15	29-Oct-15		0.00														
PCS1080	Training Completion Documents	21-Oct-15	26-Oct-15		0.00														
PCS1090	Clearance Certificate from Local Authorities	26-Oct-15	29-Oct-15		0.00														
PCS1100	Demobilization	28-Oct-15	29-Oct-15		0.00														

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

**Report for:**  
**Cost Loading and S-Curve**



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

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

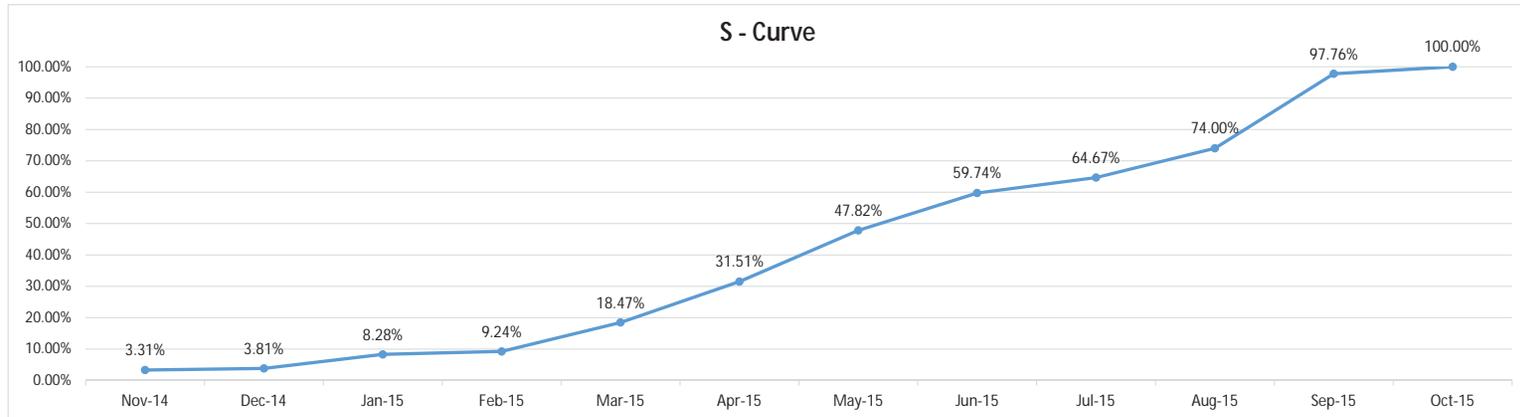
TASK ORDER NO. AID-294-TO-14-00002

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