



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 October 01, 2015 to October 29, 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

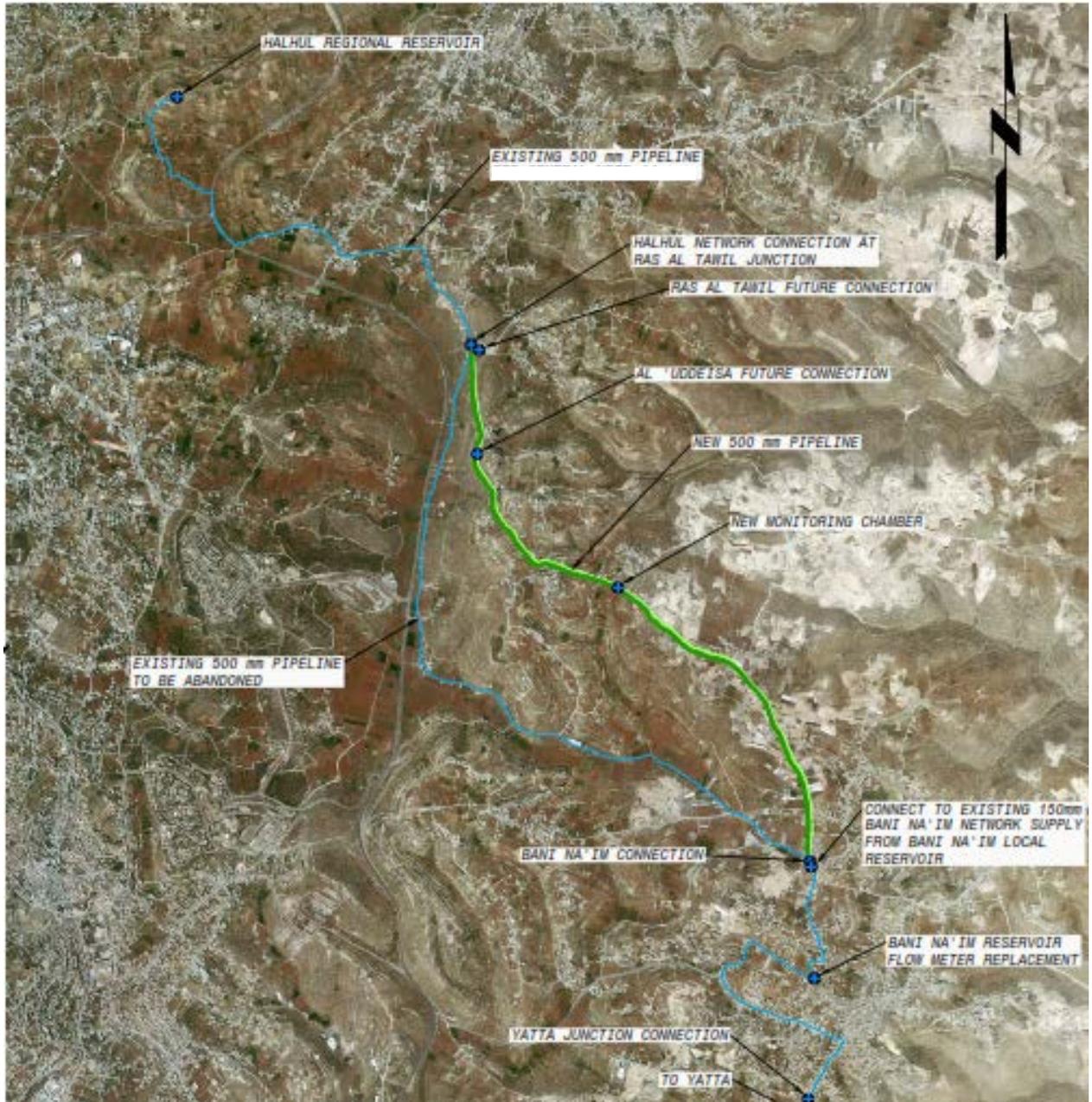


Figure 1: RAS AL TAWIL & AL 'UDDEISA WATER INFRASTRUCTURE PHASE 1A



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



2. Task Order Key Data

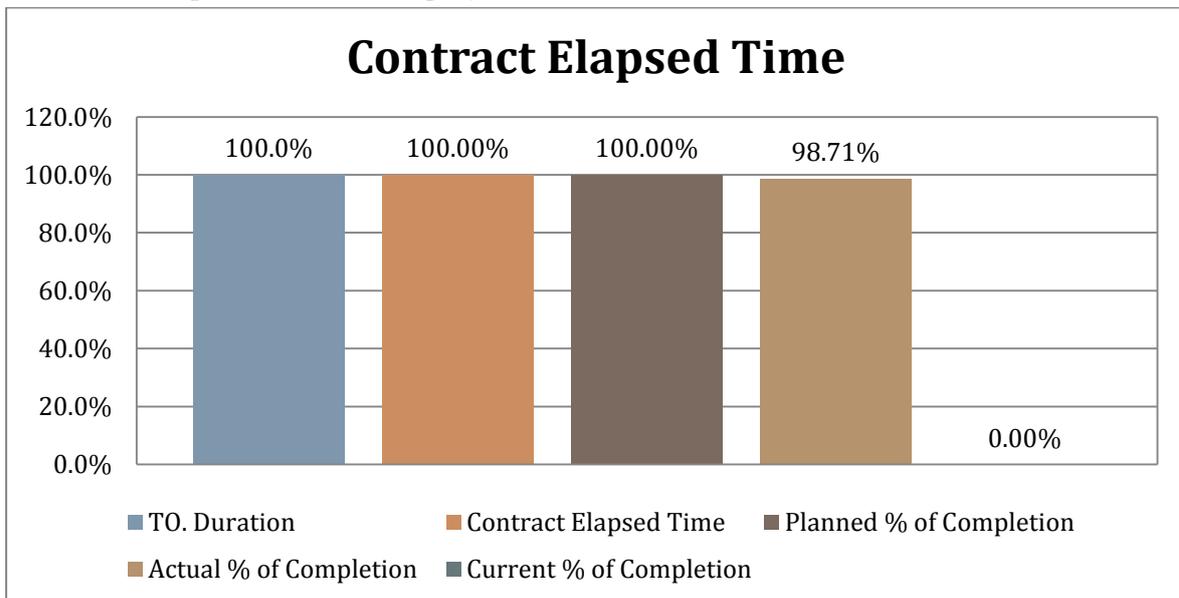
Task Order Name	RAS AL TAWIL & AL 'UDDEISA WATER INFRASTRUCTURE PHASE 1A AND AL SAFI BOOSTER STATION – PHASE I PIPELINE CONNECTION
Contract Number	AID-294-I-00-13-00-00002
Task Order Number	AID-294-TO-14-00002
Owner	Palestinian Water Authority (PWA)
Client	USAID West Bank and Gaza
Contractor	Saqqa and 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 as per VO #3	\$ 4,458,598.34
Modified Day work Amount as per VO #3	\$ 4,237.66
Notice To Proceed	November 04, 2014
Period Of Performance	360 calendar day
Contractual Completion Date	October 29, 2015
Approved Time Extensions	---
Modified Completion Date	---
Actual Completion Date	October 29, 2015
Start of Construction (Ground Breaking)	January 31, 2015
Project Key Personnel	<ul style="list-style-type: none"> • Saleem Tafesh-Task Order Manager • Hussam Milhem-Quality Control Manager • Majd Mashaala-Safety & Environmental Compliance Officer. • Ahmad Al Al Halawani-Project Engineer. • Loay Hannoneh-Certified Welding Inspector. • Nidal Abu Arqoob: Project Engineer.



3. Project Dashboard Status

Contract Elapsed Time as of October 29, 2015 [%]	100 %
Planned Percentage of Completion through October 29, 2015 [%]	100 %
Actual Percentage of Completion through October 29, 2015 [%]	98.71 %
Current Percentage of Completion through October 29, 2015 [%]	0.00 %
Float (Days)	Zero

The following chart reflects the project dashboard status as of October 29, 2015:



4. Safety Status

4.4. 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.



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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.

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

During July, an Updated Safety Plan was submitted to CMC on July 23, 2015 and it was accepted on July 26, 2015.

4.5. Safety Meetings

There were no Safety tool box meetings.

4.6. Accident Status

No accidents were reported during this reporting period.

4.7. Notice of Unsafe Condition

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

4.8. 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 July, 2015, an Updated Safety Plan was submitted to CMC on July 23, 2015 and it was accepted on July 26, 2015

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:



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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 C. 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 were 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.
 - 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.

5.4. Traffic Control Measures

The required Traffic Control and Safety Measures were implemented during installing the project traffic signs and during applying thermoplastic paint at both segments.

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 July, an updated Environmental Mitigation and Monitoring Plan submittal was submitted to the CMC on July 26, 2015. Consequently the CMC reviewed and approved the Updated Environmental Mitigation and Monitoring Plan on July 26, 2015

No environmental issue was reported during the current reporting period.

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.



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An updated Construction Risk Management Plan submittal was submitted to the CMC on July 23, 2015. Consequently the CMC reviewed and approved the Updated Construction Risk Management Plan on July 26, 2015.

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

No coordination meeting during this reporting period.

11. Site Visits

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

Site Visits			
Date	Company	Location	Description
October 04, 2015	PWA:Taher Safi	B&V Sa'er Office & Site Office	To follow up work progress
October 13, 2015	BV- Dr.Daoud Qawasmeh,Adnan Safi, PWA- Taher Safi	B&V Sa'er Office & Site Office	Project handed over
October 27, 2015	USAID- Kamal Kasbary	B&V Sa'er Office & Site Office	Project handed over



12. Procurement Status

12.4. Procurement activities

During this reporting period, there were no procured items.

The following table summarizes the status of the procured activities during the previous reporting period:

PROCUREMENT SCHEDULE FOR CONSTRUCTION ACTIVITIES		
Procured items	Date of order	Delivery date
Electrodes for CP test station	June 23, 2015	August 04, 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

12.5. Material and Equipment Delivered on Site

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

Material Log		
Date	Material Delivered to Site	Quantity
Month : October, 2015		
October 17, 2015	Concrete	5.5 m3
October 18, 2015	Concrete	2 m3
October 19, 2015	Concrete	7 m3



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

Date Equipment		Equipment Log																														
		1-Oct-15	2-Oct-15	3-Oct-15	4-Oct-15	5-Oct-15	6-Oct-15	7-Oct-15	8-Oct-15	9-Oct-15	10-Oct-15	11-Oct-15	12-Oct-15	13-Oct-15	14-Oct-15	15-Oct-15	16-Oct-15	17-Oct-15	18-Oct-15	19-Oct-15	20-Oct-15	21-Oct-15	22-Oct-15	23-Oct-15	24-Oct-15	25-Oct-15	26-Oct-15	27-Oct-15	28-Oct-15	29-Oct-15	30-Oct-15	31-Oct-15
Water Tank	Quantity in use																															
	Idle																															
Crane	Quantity in use														1				1													
	Idle																															
JCB	Quantity in use							1		1					1			1	1													
	Idle																															
Dump Truck	Quantity in use																															
	Idle																															
Bobcat	Quantity in use																															
	Idle																															
MC Tank	Quantity in use																															
	Idle																															
Welding Machine	Quantity in use																															
	Idle			1	1	1	1																									
Pick up/ Double Cabin	Quantity in use	1		1	1	1	1	1			1	1	1	1				1	1	1	1	1										
	Idle																															

13. Progress and Scheduling

SAK completed all activities and the site was ready for handing over. The project was handed over on October 29, 2015.

13.1. Activities During the Current Reporting Period

- Finish conducting the training for instrumentations and installation personnel's. Submittal for conducted training (Attendance sheet, training data ... etc.) was submitted to the CMC on October 29, 2015.
- Finish commissioning and startup for the entire system for Ras Al Taweel & Uddeisa Water pipeline and Al Safi Booster Station.
- Finish repairing the punch list comments.
- Finish testing.
- Finish Training.
- Finish O&M Technical Manuals.
- Finish site inspection/Support/Start up.
- Handover the project.



13.2. Planned Activities for Next Month

The project was completed and handed over therefore the planned activities will be submitting and finalizing as built drawings.

14. Task Order Indicators

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

This indicator is measured by the total volume determined in the design phase per USAID beneficiaries' standard definitions of drinking water supply to be made available as a result of USG assistance. This data is measured at the design stage based on the estimated transmission capacity.

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

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

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

This indicator is measured by the number of person days of employment generated by this Task Order. Saqqa and Khoudary measure person days of employment directly generated by construction work on site. Saqqa and Khoudary will measure this daily during Task Order implementation through Daily Joint Reports (DJRs). Neither expatriate person days of employment (i.e. those worked by American or other Third Country National staff) nor management nor administrative person days of employment (i.e. program level and other general and administrative staff shared among multiple task orders) shall be included in the Geo- MIS related reporting. The following table summarizes the total number of Persons days of employment generated previously and during the current reporting period:

Target value	8700
Person Days of Employment Generated Previously	10498.88
Person Days of Employment Generated During the Current Reporting Period	387.75
Accumulative Persons Days of Employment Generated	10886.63
Male Person Days of Employment	
Person Days of Employment Generated Previously	10154.38
Person Days of Employment Generated during the current reporting period	379.75
Accumulative Persons Days of Employment Generated	10534.13
Female Person Days of Employment	
Person Days of Employment Generated Previously	344.50
Person Days of Employment Generated during the current reporting period	8



Accumulative Persons Days of Employment Generated	352.50
Total Number of Full Time Equivalent Jobs (FTE)	
Number of Full Time Equivalent Jobs Generated Previously	441.13
Number of Full Time Equivalent Jobs Generated During Current Period	16.29
Total Number of Full Time Equivalent Jobs Generated	457.42

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	21 Calendar Days
Accumulated Working Days	289 Calendar Days
Number of non-working days (holidays and weekends) during this reporting period	4 Calendar Days
Accumulated non-working days (holidays and weekends)	55 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
No site memos from engineer to contractor during this reporting period					
From E-C					
SM No.	From	To	Description	Received Date	Type
SM-14-00002-UDSI-E-C-013	SAK	CMC	Initial Punch List	September 29, 2015	Other



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 June, 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.

During August, an updated Quality Control Plan (QCP) submittal was submitted to the CMC on August 04, 2015. CMC reviewed and approved the Quality Control Plan (QCP) on Aug 06, 2015.

During this reporting period, there were no updates for the quality control plan.



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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-162-C	Inspect of delivered material: Motorizable Butterfly Valves as attached Material Receiving Report. Certificates will be submitted separately	October 7, 2015	October 7, 2015	October 7, 2015	0	A	
IR-14-00002-UDSI-163-C	Inspect of delivered material: Flanged Gate Valves as attached Material Receiving Report. Certificates will be submitted separately	October 7, 2015	October 7, 2015	October 7, 2015	0	A	
IR-14-00002-UDSI-292-C	Installation of Test Stations for Cathodic Protection System at STA: 1+140, STA: 2+000, STA: 3+000, STA: 4+000, STA: 5+000 and STA: 5+568. Refer to attached table.	October 8, 2015	October 11, 2015	October 11, 2015	0	A	
IR-14-00002-UDSI-302-C	Fabrication of Permanent Project Sign prior to start fabrication the text.	October 25, 2015	October 25, 2015	October 25, 2015	0	A	
IR-14-00002-UDSI-304-A	Close out of August 2015 Environmental Check List.	October 1, 2015	October 1, 2015	October 7, 2015	6	A	
IR-14-00002-UDSI-305-A	Inspection, calibration, and ensuring of proper installation for BERMAD control valves by BERMAD representative	October 7, 2015	October 9, 2015	October 12, 2015	3	c	
IR-14-00002-UDSI-305-B	Inspection, calibration, and ensuring of proper installation for BERMAD control valves by BERMAD representative	October 15, 2015	October 15, 2015	October 15, 2015	0	A	
IR-14-00002-UDSI-306-A	Scada programming	October 7, 2015	October 11, 2015	October 11, 2015	0	A	
IR-14-00002-UDSI-307-A	Installation of Pipeline Marking along pipelines Ras At T awil Pipelines.	October 12, 2015	October 12, 2015	October 12, 2015	0	A	
<p>*Note: A:No Exceptions Noted, B:Make Corrections Noted, C:Amend-Resubmit , D:Rejected-Resubmit, E:Review Not Required, P:Pending</p>							

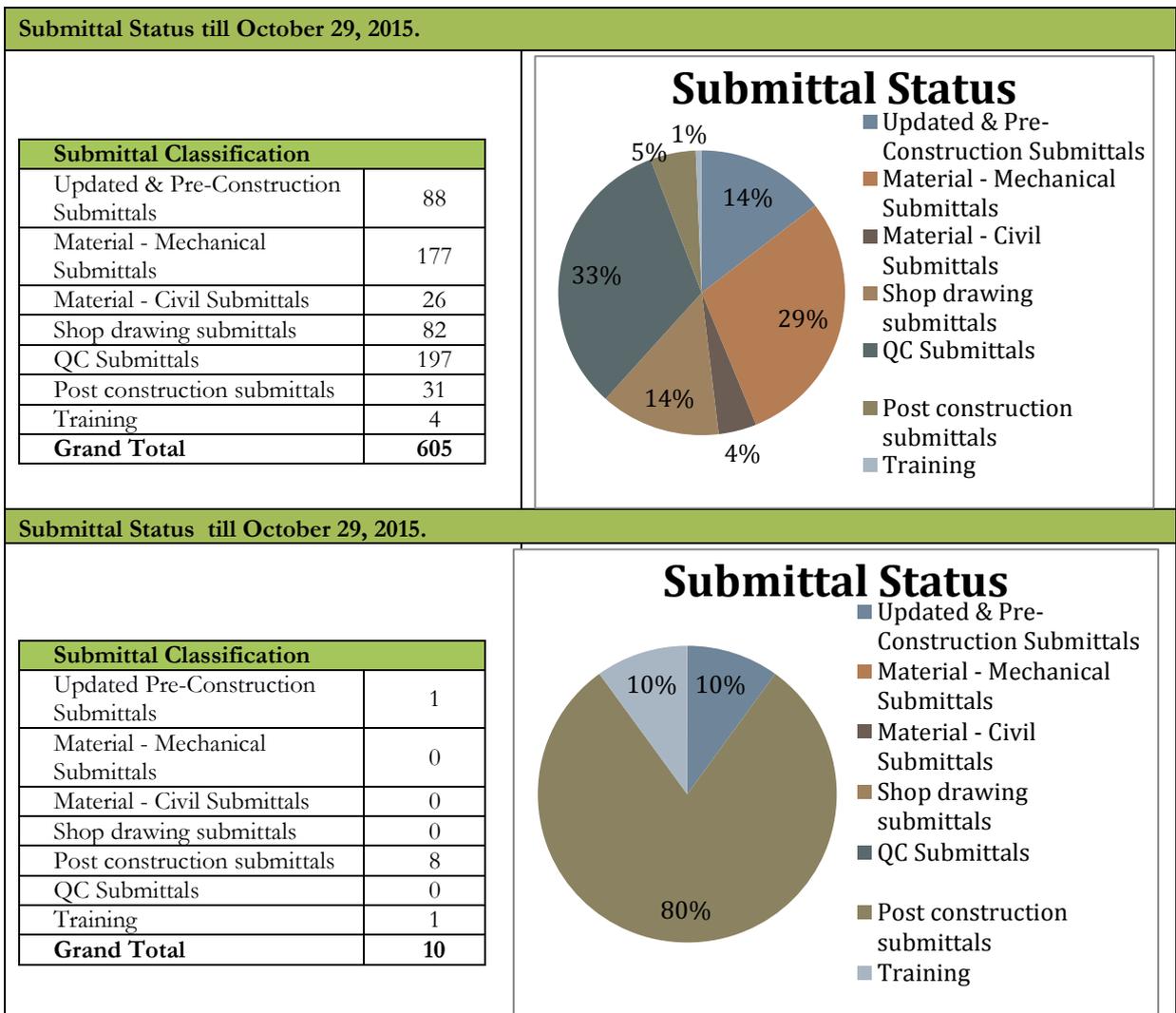


17.2 Testing Reports:

There were no test submittals issued during this reporting period.

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 October and till October 29, 2015.





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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-194-C	As Built -Al-Safi Booster Station	October 1, 2015	October 19, 2015	1	A
SUB-14-00002-UDSI-199-B	As Built Drawing for Transmission Pipe Line from Sta. 1+000 to Sta. 3+000	October 25, 2015	October 27, 2015	9	A
SUB-14-00002-UDSI-203-B	As Built Drawing for Transmission Pipe Line from Sta. 3+000 to Sta. 5+580.24	October 25, 2015	October 27, 2015	9	A
SUB-14-00002-UDSI-211-B	As Built Drawings for Asphalt Reinstatement from Sta. 2+100 TO Sta. 5+065	October 19, 2015			P
SUB-14-00002-UDSI-224-B	Preliminary Operation and Maintenance Manuals - Cathodic Protection System	October 12, 2015	October 19, 2015	9	B
SUB-14-00002-UDSI-225-B	As Built Drawing for Ras Al-Taweel Transmission Pipe Line with associated chambers	October 19, 2015			P
SUB-14-00002-UDSI-228-B	As Built for Mechanical Chambers	October 25, 2015	October 27, 2015	0	B
SUB-14-00002-UDSI-231-A	Updated Revised Original CPM Schedule September 30, 2015	October 5, 2015	October 19, 2015	7	A
SUB-14-00002-UDSI-232-A	Final O& M Manuals	October 25, 2015			P
SUB-14-00002-UDSI-233-A	Training Submittal	October 29, 2015	October 29, 2015	7	A
<p>*Note: A: No Exceptions Noted, B: Make Corrections Noted, C: Amend-Resubmit, D: Rejected-Resubmit, E: Review Not Required, P: Pending.</p>					



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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-0202	20" Pipeline (Commissioning and Startup)	SAK	PWA	October 1, 2015
Email-14-02-SAK-OUT-0203	20" Pipeline (Commissioning and Startup)	SAK	PWA	October 3, 2015
Email-14-02-SAK-OUT-0204	SCADA Training	SAK	BV	October 3, 2015
Email-14-02-SAK-OUT-0205	GSM/GPRS subscription	SAK	BV	October 4, 2015
Email-14-02-SAK-OUT-0206	Geo-MIS -September, 2015	SAK	BV	October 5, 2015
Email-14-02-SAK-OUT-0207	Monthly Progress Report - September 2015	SAK	USAID	October 5, 2015
Email-14-02-SAK-OUT-0208	SCADA Training	SAK	BV	October 6, 2015
Email-14-02-SAK-OUT-0209	SCADA Training	SAK	BV	October 7, 2015
Email-14-02-SAK-OUT-0210	Cathodic protection system testing	SAK	BV	October 7, 2015
Email-14-02-SAK-OUT-0211	GSM/GPRS subscription	SAK	BV	October 7, 2015
Email-14-02-SAK-OUT-0212	SCADA Training	SAK	BV	October 8, 2015
Email-14-02-SAK-OUT-0213	Al Safi Booster Station Connection	SAK	BV	October 15, 2015
Email-14-02-SAK-OUT-0214	Al Safi Booster Station Connection	SAK	BV	October 18, 2015
Email-14-02-SAK-OUT-0215	Training	SAK	BV	October 19, 2015
Email-14-02-SAK-OUT-0216	Comments on Contactor's Monthly Progress Report _ September 2015	SAK	USAID	October 20, 2015
Email-14-02-SAK-OUT-0217	Final Punch List Update.	SAK	BV	October 20, 2015
Email-14-02-SAK-OUT-0218	Unclosed submittals	SAK	BV	October 21, 2015



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Email-14-02-SAK-OUT-0219	Training conducted submittal	SAK	BV	October 21, 2015
Email-14-02-SAK-OUT-0220	Release Letters	SAK	BV	October 25, 2015
Email-14-02-SAK-OUT-0221	Comments on Contactor's Monthly Progress Report _ September 2015	SAK	BV	October 26, 2015
Email-14-02-SAK-OUT-0222	Transmittals From Contractor	SAK	BV	October 26, 2015

INCOMING EMAILS LOG				
DCN No.	Subject	From	To	Received Date
Email-14-02-SAK-IN-0190	Draft MOM No. 020	BV	SAK	October 1, 2015
Email-14-02-SAK-IN-0191	20" Pipeline (Commissioning and Startup)	BV	SAK	October 1, 2015
Email-14-02-SAK-IN-0192	20" Pipeline (Commissioning and Startup)	PWA	SAK	October 3, 2015
Email-14-02-SAK-IN-0193	SCADA Training	BV	SAK	October 3, 2015
Email-14-02-SAK-IN-0194	SCADA Training	BV	SAK	October 4, 2015
Email-14-02-SAK-IN-0195	Final MOM No. 020	BV	SAK	October 4, 2015
Email-14-02-SAK-IN-0196	GSM/GPRS subscription	BV	SAK	October 4, 2015
Email-14-02-SAK-IN-0197	Final MOM No. 020	BV	SAK	October 4, 2015
Email-14-02-SAK-IN-0198	Remaining Works Prior to Handing Over	BV	SAK	October 6, 2015
Email-14-02-SAK-IN-0199	SCADA Training	BV	SAK	October 6, 2015
Email-14-02-SAK-IN-0200	Remaining Works Prior to Handing Over	BV	SAK	October 6, 2015
Email-14-02-SAK-IN-0201	SCADA Training	BV	SAK	October 6, 2015



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Email-14-02-SAK-IN-0202	Cathodic protection system testing	BV	SAK	October 7, 2015
Email-14-02-SAK-IN-0203	SCADA Training	BV	SAK	October 7, 2015
Email-14-02-SAK-IN-0204	GSM/GPRS subscription	BV	SAK	October 8, 2015
Email-14-02-SAK-IN-0205	Remaining Works Prior to Handing Over	BV	SAK	October 8, 2015
Email-14-02-SAK-IN-0206	Al Safi Booster Station Connection	BV	SAK	October 15, 2015
Email-14-02-SAK-IN-0207	BERMAD training	BV	SAK	October 19, 2015
Email-14-02-SAK-IN-0208	Transmitters From Contractor	BV	SAK	October 19, 2015
Email-14-02-SAK-IN-0209	Daily Joint Reports	BV	SAK	October 19, 2015
Email-14-02-SAK-IN-0210	Punch list	BV	SAK	October 19, 2015
Email-14-02-SAK-IN-0211	Training	BV	SAK	October 19, 2015
Email-14-02-SAK-IN-0212	Training conducted submittal	BV	SAK	October 21, 2015
Email-14-02-SAK-IN-0213	Final O&M Manuals	BV	SAK	October 21, 2015
Email-14-02-SAK-IN-0214	Transmittals From Contractor	BV	SAK	October 26, 2015
Email-14-02-SAK-IN-0215	Comments on Contactor's Monthly Progress Report _ September 2015	USAID	SAK	October 26, 2015
Email-14-02-SAK-IN-0216	Task Order #14-00002 and #15-000002, completion walkthrough & inspection	BV	SAK	October 26, 2015
Email-14-02-SAK-IN-0217	Comments on Contactor's Monthly Progress Report _	USAID	SAK	October 28, 2015



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	September 2015			
Email-14-02-SAK-IN-0218	MAG8000 product inquiry	BV	SAK	October 29, 2015
Email-14-02-SAK-IN-0219	Task Order #14-00002 and #15-000002, completion walkthrough & inspection	USAID	SAK	October 28, 2015
Email-14-02-SAK-IN-0220	Comments on Contactor's Monthly Progress Report _ September 2015	USAID	SAK	October 28, 2015
Email-14-02-SAK-IN-0221	MAG8000 product inquiry	BV	SAK	October 29, 2015
Email-14-02-SAK-IN-0222	Task Order #14-00002 and #15-000002, completion walkthrough & inspection	USAID	SAK	October 28, 2015

CONTRACTOR LETTERS LOG				
Letter No.	Description	Submitted Date	From	To
LETTERS FROM CONTRACTOR TO LOCAL AUTHORITY				
No letters were issued during this reporting period.				
LETTERS FROM CONTRACTOR TO ENGINEER				
Letter No.	Description	Submitted Date	From	To
No letters were issued during this reporting period.				
LETTERS FROM CONTRACTOR TO USAID				
Letter No.	Description	Submitted Date	From	To
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-14-00002-UDSI-010	\$204,915.91	\$4,385,868.83	\$4,462,836.00	\$76,967.17	October 12, 2015

22. Variation Order Request

No Variation Orders Requests were issued during this reporting period:

Variation Order Requests Log					
VOR No.	Description	Cost Impact (\$)	Time Impact (Calendar Day)	Submission Date	Response Date
No VORs were issued during this reporting period					

23. Variation Order

One Variation Order was issued during this reporting period.

Variation Order Log					
Variation Order No.	Description	PVOs/VOs Amount	PVOs/VOs (Calendar Days)	PVO/VO Status	Date Approved By USAID
VO-14-00002-UDSI-003	Pre-final Definitive Quantities	\$ 11,816.74	0	Approved	October 07, 2015

24. Obstacles and Challenges

24.1 Challenges
No challenges

24.2 Obstacles
No obstacles.



25. Progress Photos



Photo #1: SCADA Training/WBWD CCR



Photo #2: Handing Over the Project



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Photo #3: Completing Punch list comments



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. October CPM Schedule
- K. S-Curve versus Actual
- L. As Built 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: October 25 ,2015

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



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: October 25 ,2015

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



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: October 25 ,2015

Material Log		
Date	Material Delivered to Site	Quantity
	16 " Butterfly Valve	1 PC
December 31, 2014	Single Size Material	83.500-ton
	Bedding Material (Somsom)	58.375-ton
	Concrete B-300	1.5 m ³
Month : January 2015		
January 1, 2015	Single Size Material	57.420 ton
	Somsom Material	28.428 ton
	Concrete	1.5 m ³
January 2, 2015		
January 3, 2015	Single Size Material	28.300 ton
	Concrete	1.5 m ³
January 4, 2015	Concrete	1.5 m ³
January 5, 2015	Concrete	1.6 m ³
January 6, 2015	Concrete	1.6 m ³
	Single Size Material	54.113 ton
	Steel Flanges PN40/DN400	2 PCs
January 7, 2015	Concrete	1.6 m ³
January 8, 2015	None	None
January 9, 2015		
January 10, 2015	None	None
January 11, 2015	Concrete	1.6 m ³
January 12, 2015	Concrete	1.6 m ³
	Single Size Material	31.820 ton
January 13, 2015	Concrete	1.6 m ³
	Single Size Material	54.113 ton
	Holiday Test Machine (elcometer 280)	1 set
January 14, 2015	Concrete	1.6 m ³
	Single Size Material	57.030 ton
	Holiday Test Machine (elcometer 280)	1 set
January 15, 2015	Concrete	1.6 m ³
	Single Size Material	57.030 ton
	Mechanical Coupling (36.00" X 38.30")/Smith Blair type 413	2 PC
	36" Steel Pipe	2.5 m
January 16, 2015		
January 17, 2015	Concrete	1.6 m ³
	Single Size Material	84.113 tom
January 18, 2015	Concrete	1.6 m ³
January 19, 2015	Concrete	1.6 m ³
	Single Size Material	85.127 ton



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: October 25 ,2015

Material Log		
Date	Material Delivered to Site	Quantity
January 20, 2015	Concrete	1.6 m ³
	Single Size Material	85.127 ton
January 21, 2015	Concrete	1.6 m ³
	Single Size Material	28.113 ton
January 22, 2015	Concrete	1.6 m ³
	Single Size Material	56.127 ton
January 23, 2015		
January 24, 2015	Concrete	1.6 m ³
	Single Size Material	56.127 ton
	Rendroc S / FOSROC	25 Kg
	Tie Rod (30cm/6mm)	500 PCs
January 25, 2015	Concrete	1.6 m ³
	Single Size Material	56.127 ton
January 26, 2015	Concrete Barriers	1.6 m ³
	Single Size	28.118 m ³
January 27, 2015	Concrete Barriers	1.6 m ³
January 28, 2015	Concrete Barriers	1.6 m ³
	Single Size Material	57.565 ton
January 29, 2015	Concrete Barriers	1.6 m ³
	Single Size Material	28.113 ton
	Steel Flanges (3", 4", 6", 8", 10" & 12") (Hubbed Slip on-Type 12)	240 PCs
January 30, 2015	Concrete Barriers	1.6 m ³
	Single Size Material	57.113 ton
January 31, 2015	None	None
Month : February 2015		
February 1, 2015	Concrete Barriers	1.6 m ³
	Somsom Material	60.932 ton
	Single Size Material	28.770 ton
February 2, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Blinding Concrete)/B20	5 m ³
	Single Size Material	55.230 ton
	Somsom Material	28.190 ton
February 3, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	27.630 ton
	Somsom Material	28.960 ton
	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	27.630 ton
	Concrete (Foundation)	10.5 m ³



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: October 25 ,2015

Material Log		
Date	Material Delivered to Site	Quantity
February 4, 2015	36.0" Flange Gasket	3 PCS
	38.3" Flange Gasket	3 PCs
	16" Steel Pipes	78 m long
	8" Steel Pipes	30 m long
	16" Elbows 90 ^o	8 PCs
	16" Elbows 45 ^o	12 PCs
February 5, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	111,140 ton
	Somsom Material	86,570 ton
February 6, 2015		
February 7, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (B300/Mofalfal)	8.0 m3
	Single Size Material	30.460 ton
February 8, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	25.990 ton
	90° Steel Elbow (8") with cement lining and FBE coating.	3 PCs
	90° Steel Elbow (6") with cement lining and FBE coating.	6 PCs
	8"X6" Steel reducer with cement lining and FBE coating.	1 PCs
February 9, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	49.540 ton
	Somsom Material	56.490 ton
	90° Steel Elbow (6") with cement lining and FBE coating.	6 PCs
	6" Steel Pipes	10 m long
February 10, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	82.100 ton
	Somsom Material	29.030 ton
February 11, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	53.910 ton
	Somsom Material	55.600 ton
	Concrete	15 m ³
February 12, 2015	HDPE 6" Pipe PN16/DN150 with cover for antennas	5 PCs
	Single Size Material	26.220 ton
February 13, 2015		
	16"x16" Insulated Tee with cement lining	3 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: October 25 ,2015

Material Log		
Date	Material Delivered to Site	Quantity
February 14, 2015	Canusa Wrap with closure (WLO-B450-30-BK)	30m long
	Canusa Wrap/closure (CIW-B100-15-BK) thick 10 cm	15m long
	Canusa Wrap Tape 2" HCO (thick 10 cm/10 m long)	3 PCs
February 15, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Top Slab)	8.5 m ³
	Single Size Material	54.080 ton
	Somsom Material	83.820 ton
February 16, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	24.820 ton
February 17, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	57.060 ton
	Somsom Material	53.180 ton
	Single Size Material	24.450 ton
	Concrete (Foundations)	7 m ³
	Concrete (Encasement)	2 m ³
February 18, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	57.040 ton
	Somsom Material	28.090 ton
	Renderoc FC (FOSROC)	1x25 kg
	Renderoc S (FOSROC)	1x25 kg
	Nitoproof 30 (FOSROC)	2x18 liter
February 19, 2015		
February 20, 2015		
February 21, 2015		
February 22, 2015		
February 23, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Base Course Material	22.170 ton
February 24, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Base Course Material	20.970 ton
	Concrete (400 mm Check Valve)	4 m ³
February 25, 2015	Concrete Barriers	1.6 m ³
	Single Size Material	27.840 ton
	Single Size Material	26.530 ton
February 26, 2015	Concrete Barriers	1.6 m ³
	Single Size Material	27.130 ton
	Somsom Material	28.210 ton
	Concrete(Yatta Junction)	6.0 m ³
February 27, 2015		



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 Al Safi
 Booster Station - Phase I Pipeline Connection**

Last Updated: October 25 ,2015

Material Log		
Date	Material Delivered to Site	Quantity
February 28, 2015	Concrete Barriers	1.6 m ³
	Single Size Material	51.350 ton
	Somsom Material	28.570 ton
	Concrete(Yatta Junction)	2.0 m ³
March , 2015		
March 1, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Al Safi Booster Station)	6.5 m ³
March 2, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	111.480 ton
	Somsom Material	54.190 ton
March 3, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Al Safi Booster Station)	9.5 m ³
	Somsom Material	28.270 ton
	Single Size Material	28.070 ton
	Hydraulic Pipe Clamp (20")	1 PC
March 4, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Somsom Material	51,430 ton
	Base Course Material	31.500 ton
	Electrical Conduits	50 L.m
March 5, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Al Safi Booster Station)	4 m ³
	Nitocote EP 405	5 kg
	Single Size Material	58.020 ton
	16" Exposed steel pipes	12.2 L.m
	Blind Flanges	4 PCs
March 6, 2015		
March 7, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Al Safi Booster Station)	6 m ³
	Single Size Material	56.120 ton
March 8, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Base Course	27.160 ton
	Somsom (Bedding) Material	80.350 ton
	Single Size Material	28.540 ton
March 9, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Somsom Material	27.660 ton
	Single Size Material	26.040 ton
March 10, 2015	Concrete (Concrete Barriers)	1.6 m ³
March 11, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (500mm Check Valve Chamber)	3.0 m ³



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: October 25 ,2015

Material Log		
Date	Material Delivered to Site	Quantity
March 12, 2015		
March 13, 2015		
March 14, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Somsom Material	29.200 ton
	Single Size Material	27.850 ton
	Conbextra HF (25kg)	2 set
March 15, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Yatta Junction)	6.0 m ³
	Somsom Material	28.490 ton
March 16, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Yatta Junction)	2.0 m ³
	Somsom Material	51.920 ton
March 17, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single size material	53.450 ton
	Base Course Material	57.810 ton
March 18, 2015	Concrete (Concrete Barriers)	1.6 m ³
March 19, 2015	Concrete (Concrete Barriers)	1.6 m ³
March 20, 2015		
March 21, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Somsom Material	20.930 ton
March 22, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Welding Machine	2 Machine
	Nitoproof 30 (18 liter)	10 Barrel
	Somsom Material	47.260 ton
March 23, 2015	Concrete (Concrete Barriers)	1.6 m ³
March 24, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Somsom Material	74.350 ton
	Concrete (Yatta Junction)	4 m ³
March 25, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Somsom Material	48.220 ton
March 26, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Yatta Junction)	7.0 m ³
	Concrete (Safety Signs)	1 m ³
	Somsom Material	46.410 ton
March 27, 2015		
March 28, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Yatta Junction)	1.5 m ³
	Concrete (Safety Signs)	1.5 m ³



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Booster Station - Phase I Pipeline Connection

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Material Log		
Date	Material Delivered to Site	Quantity
	Somsom Material	45.630 ton
March 29, 2015	Somsom Material	50.600 ton
March 30, 2015	Single Size Material	23.870 ton
	Tie Rod (30cm/6mm)	100 PCs
March 31, 2015	Single Size Material	22.710 ton
	Base Course Material	22.130 ton
	Filter Fabric/Geotextile Material (200gr/1.67m width)	1000 L.m
	6" Steel Pipes (63 Pipes X12.2m)	768.6 L.m
	Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	64 PCs
April, 2015		
01-Apr-15	6" Steel Pipes (126 Pipes X12.2m)	1537.2 m long
	Pipe Heat Shrinkable Sleeve	127 PCs
	6"X3" Tee-Red Cement Lining/Epoxy Coating	2 PCs
	20" Elbow 45° Cement Lining/Epoxy Coating	3 PCs
	14" Elbow 90° Cement Lining/Epoxy Coating	1 PCs
	8" Elbow 90° Cement Lining/Epoxy Coating	4 PCs
	4" Elbow 90° Epoxy Coating	190 PCs
02-Apr-15	20" Steel Pipes (36 Pipes X12.2m)	439.2 m long
	18" Steel Pipes (1 Pipes X12.2m)	12.2 m long
	10" Steel Pipes (1 Pipes X12.2m)	12.2 m long
	4" Steel Pipes (3 Pipes X12.2m)	36.6 m long
	3" Steel Pipes (20 Pipes X12.2m)	244 m long
	Pipe Heat Shrinkable Sleeve	36 PCs
	Concrete (Foundation)	5 m ³
	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 ³
	Somsom Material	58.880 ton



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Material Log		
Date	Material Delivered to Site	Quantity
07-Apr-15	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
09-Apr-15	Concrete (Ras At Tawil Emergency Chamber)	4 m ³
	Somsom Material	88.140 ton
	Single Size Material	138.510 ton
April 10, 2015	Base Course Material	60.250 ton
11-Apr-15	None	None
12-Apr-15	20" Steel Pipes (18 Pipes X 12.2m)	219.6 m long
13-Apr-15	None	None
14-Apr-15	Somsom Material	28.210 ton
	Single Size Material	196.660 ton
	Base Course Material	115.870 ton
	6" Combination Air Release Valve / D060 NS / PN16	2 PCs
	4" Combination Air Release Valve / D060 NS / PN16	9 PCs
	3" Combination Air Release Valve / D060 NS / PN16	5 PCs
	2" Combination Air Release Valve / D015 NS / PN25	1 PC
	1" Combination Air Release Valve / D060 / PN16	16 PCs
15-Apr-15	Steel Fittings	MRR-015
	Somsom Material	117.450 ton
	Single Size Material	168.310 ton
	Base Course Material	96.170 ton
16-Apr-15	Concrete (500mm BFV)	4 m ³
	None	None
April 17, 2015		
18-Apr-15	Somsom Material	95.140 ton
	Single Size Material	122.470 ton
	Base Course Material	113.030 ton
	Flange Gasket, 2mm thickness	463 PCs m ³
19-Apr-15	Somsom Material	93.620 ton
	Single Size Material	147.270 ton
	Base Course Material	32.760 ton
	Bitumol M-10	10 Barrrel



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Material Log		
Date	Material Delivered to Site	Quantity
	Bitumol STC	2 Barrel
20-Apr-15	Somsom Material	93.620 ton
	Single Size Material	147.270 ton
	Base Course Material	32.760 ton
	Bitumol M-10	10 Barrel
	Bitumol STC	2 Barrel
21-Apr-15	Somsom Material	109.990 ton
	Single Size Material	118.070 ton
	Base Course Material	163.690 ton
	Concrete (Encasement)	23 m ³
		9 LM long
	Asphalt Materials	56.58 Ton
22-Apr-15	Concrete (500mm BFV)	2.5 m ³
	Somsom Material	90.930 ton
	Single Size Material	204.510 ton
23-Apr-15	Base Course Material	210.020 ton
	None	None
April 24, 2015		
April 25	Somsom Material	293.160 ton
	Single Size Material	176.200 ton
	Base Course Material	270.000 ton
	Concrete (Encasement)	20.5 LM long 19.0 m ³
26-Apr-15	Somsom Material	90.340 ton
	Single Size Material	147.362 ton
	Base Course Material	178.150 ton
	Concrete (Encasement)	13.5 LM long
27-Apr-15	Somsom Material	90.980 ton
	Single Size Material	55.200 ton
	Base Course Material	118.900 ton
	Concrete (Encasement)	28.0 m ³
28-Apr-15	Somsom Material	89.650 ton
	Single Size Material	88.310 ton
	Base Course Material	90.690 ton
	¾" Asphalt Mix Design	36.0 ton
29-Apr-15	Somsom Material	60.680 ton
	Single Size Material	149340 ton
	Base Course Material	95.030 ton
	¾" Asphalt Mix Design	61.13 ton
30-Apr-15	Somsom Material	127.090 ton
	Single Size Material	57.060 ton



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Material Log		
Date	Material Delivered to Site	Quantity
	Base Course Material	97.260 ton
	¾" Asphalt Mix Design	35.680 ton
May, 2015		
May 1, 2015		
May 2, 2015	Somsom Material	90.110 ton
	Single Size Material	56.050 ton
	Base Course Material	114.910 ton
	1.5X1.5X1.8m Pre-Cast Chamber	1 PC
	1.5X1.5X2.0m Pre-Cast Chamber	1 PC
May 3, 2015	Somsom Material	64.850 ton
	Single Size Material	56.930 ton
	Base Course Material	273.970 ton
	Concrete	2.5 m ³
	3" Blind Flange	5 PCs
	4" Blind Flange	4 PCs
	8" Blind Flange	2 PCs
May 4, 2015	Somsom Material	119.580 ton
	Single Size Material	108.990 ton
	Base Course Material	301.00 ton
	Concrete Encasement	10 M ³
May 5, 2015	Somsom Material	61.170 ton
	Single Size Material	88.410 ton
	Base Course Material	90.374 ton
	Encasement Concrete (6")	1m long
	Encasement Concrete (3")	6.5m long
May 6, 2015	Somsom Material	25.390 ton
	Single Size Material	56.500 ton
	Base Course Material	26.926 ton
	Encasement Concrete (20")	(30 m ³)
	20" Steel Pipes (9 Pipes)	109.8 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	10 PCs
	1.5X1.5X1.8m Pre-Cast Chamber	1 PC
	1.5X1.5X2.0m Pre-Cast Chamber	1 PC
May 7, 2015	Somsom Material	89.010 ton
	Single Size Material	57.720 ton
	Base Course Material	121.570 ton
	Concrete (Washout Chamber)	6 m ³
	Concrete (F. M. Chamber)	17 m ³
	20" Steel Pipes (9 Pipes)	109.8 m long



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Material Log		
Date	Material Delivered to Site	Quantity
	6" Steel Pipes (63 Pipes)	768.6 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	10 PCs
	6" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	64 PCs
May 8, 2015		
May 9, 2015	Somsom Material	152.100 ton
	Single Size Material	82.170 ton
	Base Course Material	158.030 ton
	Concrete (Washout Chamber)	1.5 m ³
	High Potential Magnesium Anodes 9.1 kg	200 PCs
	Handy Cap IP	213 PCs
May 10, 2015	Somsom Material	32.114 ton
	Single Size Material	29.140 ton
	Base Course Material	31.117 ton
	20" Steel Pipes (18 Pipes)	219.6 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	19 PCs
May 11, 2015	Somsom Material	162.531 ton
	Single Size Material	54.250 ton
	Base Course Material	29.116 ton
	20" Steel Pipes (9 Pipes)	109.8 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	10 PCs
	6" Steel Pipes (63 Pipes)	768.6 m long
	6" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	64 PCs
May 12, 2015	Somsom Material	30.390 ton
	Single Size Material	84.480 ton
	Base Course Material	110.907 ton
	20" Steel Pipes (18 Pipes)	219.6 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	18 PCs
May 13, 2015	Somsom Material	316.630 ton
	Single Size Material	284.760 ton
	Base Course Material	90.340 ton
	20" Steel Pipes (9 Pipes)	109.8 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	9 PCs
	1.5X1.5X1.8 Pre-Cast Chamber	2 PCs
	Asphalt Mix	26.400 ton
	Concrete	21 m ³
May 14, 2015	Somsom Material	166.245 ton
	Single Size Material	93.000 ton
	Base Course Material	543.790 ton
	Encasement concrete	8.0 m long



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Material Log		
Date	Material Delivered to Site	Quantity
May 15, 2015		
May 16, 2015	Somsom Material	100.255 ton
	Single Size Material	63.890 ton
	Base Course Material	32.119 ton
	Encasement concrete	4.15 m long
May 17, 2015	Somsom Material	318.685 ton
	Single Size Material	219.525 ton
	Base Course Material	158.621 ton
	Concrete	15.0 m ³
	Filter Fabric (Geotextile)	3655 m long
May 18, 2015	Somsom Material	167.980 ton
	Single Size Material	61.740 ton
	Base Course Material	31.280 ton
	Concrete	4.5 m ³
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		
	Somsom Material	64.119 ton
	Single Size Material	28.114 ton



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Material Log		
Date	Material Delivered to Site	Quantity
May 23, 2015	Base Course Material	27.125 ton
	Concrete Encasement	26.0 m ³
	Precast Chamber	2 PCs
May 24, 2015	Somsom Material	63.142 ton
	Single Size Material	32.125 ton
	Base Course Material	34.179 ton
	Concrete Encasement	5.0 m ³
May 25, 2015	Somsom Material	663.780 ton
	Single Size Material	90.981 ton
	Base Course Material	151.986 ton
May 26, 2015	Somsom Material	163.465 ton
	Single Size Material	31.645 ton
	Base Course Material	25.700 ton
	3" Dismantling Joint/PN16	20 PCs
	Flange Insulation Kit/PN16	
	DN500, DN450, DN350, DN200, DN150 and DN100	27 PCs
	Flange ISO7005 TYPE 12 PN16 S.O R.F A-105 EU 20", 18", 16" and 14"	28 PCs
	Blind Flange PN-16 ST-37 3", 8" and 20"	12 PCs
Concrete Encasement	6 m ³	
Pre-Cast Chamber	2 PCs	
May 27, 2015	Somsom Material	123.250 ton
	Base Course Material	91.500 ton
	Concrete Encasement	11.5 m ³
May 28, 2015	Somsom Material	328.875 ton
	Base Course Material	33.200 ton
	Concrete Encasement	9.0 m ³
	20" Steel Pipes (9 Pipes)	109.8 m long
	20" Pipe Heat Shrinkable Sleeve (2.6 mm thickness)	18 PCs
May 29, 2015		
May 30, 2015	Somsom Material	30.175 ton
	Base Course Material	29.580 ton
	Concrete Encasement	4.0 m ³
	Somsom Material	272.490 ton
	Base Course Material	153.980 ton
	Concrete Encasement	11.0 m ³
	Asphalt	59.540 ton



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Material Log		
Date	Material Delivered to Site	Quantity
May 31, 2015	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
June, 2015		
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
June 2, 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 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 ³
	Chamber Steps	100 PCs
	Lokfix (FOSROC)	3 Bucket
	Nitocote EPU (FOSROC)	2 Bucket
June 4, 2015	Somsom Material	90.680 ton
	Single Size Material	59.600 ton
	Base Course Material	59.390 ton
June 5, 2015		
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 ³
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



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Date	Material Delivered to Site	Quantity
June 8, 2015	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 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 ³
	Concrete	17.5 m ³
June 11, 2015	Somsom Material	115.355 ton
	Single Size Material	396.335 ton
	Base Course Material	210.480 ton
	Encasement Concrete	82 m ³
	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 ³
June 16, 2015	Precast Chambers	3 PCs
	Encasement Concrete	24 m ³
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 ³
June 19, 2015		
June 20, 2015	Base Course Material	1,108.430 ton
	Single Size Material	84.100 ton
	Base Course Material	36.760 ton



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Material Log		
Date	Material Delivered to Site	Quantity
June 21, 2015	Single Size Material	26.840 ton
	Encasement Concrete	4.5 m ³
June 22, 2015	Base Course Material	554.280 ton
	Concrete	4.0 m ³
	Encasement Concrete	2.5 m ³
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 ³
	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 m ³
June 30, 2015	Single Size Material	28.880 ton
	10" Electromagnetic Flowmeter	2 PCs
	Chamber Steps	180 PCs
July, 2015		
July 1, 2015	Single Size Material	54.860 ton
	Single Size Material	635.860 ton
	Precast Chamber	2 PCs
	Link-Seals Watertight	290 Link
July 2, 2015	Base Course Material	112.760 ton
July 3, 2015	Asphalt Mix	643.100 ton
July 4, 2015	Single Size Material	28.870 ton
	Base Course Material	732.190 ton
	Precast Chamber (1.5X1.5X1.8)	2 PCs
	Encasement Concrete	7 m ³
July 5, 2015	Single Size Material	25.510 ton
	Base Course Material	400 ton



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Material Log		
Date	Material Delivered to Site	Quantity
	Concrete	7.5 m ³ 2 PCs
	Encasement Concrete	4 m ³
July 6, 2015	Single Size Material	29.040 ton
	Base Course Material	83.140 ton
July 7, 2015	Single Size Material	28.72040 ton
	Base Course Material	298.680 ton
	Precast Chamber	3 PCs
	Encasement Concrete	2 m ³
July 8, 2015	Base Course Material	55.480 ton
	Concrete	2.5 m ³
	Concrete	5.5 m ³
July 9, 2015	Encasement Concrete	1.0 m ³
July 10, 2015	Asphalt Mix	719.410 ton
July 11, 2015	Encasement Concrete	10.0 m ³
	Concrete	8.0 m ³
	Single Size Material	54.480 ton
	Base Course Material	26.820 ton
July 12, 2015	Encasement Concrete	1.5 m ³
	Single Size Material	96.765 ton
	Base Course Material	117.120 ton
July 13, 2015	Somsom Material	21.730 ton
	Single Size Material	55.020 ton
	Base Course Material	88.790 ton
	Precast Chamber	2 PCs
July 14, 2015	Base Course Material	364.260 ton
July 15, 2015	Single Size Material	24.330 ton
July 16, 2015		
July 17, 2015		
July 18, 2015		
July 19, 2015		
July 20, 2015		
July 21, 2015	Base Course Material	435.890 ton
July 22, 2015	Base Course Material	58.550 ton
	Somsom Material	32.045 ton
	Encasement Concrete	17.0 m ³
July 23, 2015	Base Course Material	493.970 ton
	Single Size Material	63.715 ton
	Concrete	4.0 m ³
	Precast Chamber	2 PCs
July 24, 2015		
July 25, 2015	Asphalt Material	501.120 ton



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Material Log		
Date	Material Delivered to Site	Quantity
	Encasement Concrete	25.0 m ³
July 26, 2015	Encasement Concrete	12.0 m ³
	Single Size Material	55.270 ton
July 27, 2015	Encasement Concrete	16.0 m ³
	Somsom Material	33.305 ton
	Single Size Material	29.180 ton
July 28, 2015	Encasement Concrete	7.0 m ³
July 29, 2015	Base Course Material	241.440 ton
	Single Size Material	255.710 ton
July 30, 2015	Base Course Material	123.060 ton
	Single Size Material	29.790 ton
July 31, 2015		
August, 2015		
August 1, 2015	None	None
August 2, 2015	Concrete	2.5 m ³
	Encasement Concrete	4.0 m ³
	Single Size Material	27.310 ton
August 3, 2015	Asphalt Material	324.140-ton
	Reference Electrodes for Cathodic Protection System	6 PCs
August 4, 2015	None	None
August 5, 2015	Single Size Material	26.990 ton
August 6, 2015	None	None
August 7, 2015		
August 8, 2015	Asphalt Material	65.220 ton
	Base Course Material	695.080 ton
August 9, 2015	Asphalt Material	200.760 ton
August 10, 2015	Asphalt Material	139.560 ton
	Base Course Material	9.950 ton
	Concrete	5.5 m ³
August 11, 2015	None	None
August 12, 2015	Flanged Pressure Relief Valve DN50 PN25	2 PC
August 13, 2015	None	None
August 14, 2015		
August 15, 2015	None	None
August 16, 2015	Base Course Material	28.290 ton
	Concrete	1.0 m ³
August 17, 2015	Concrete	2.5 m ³
August 18, 2015	None	None
August 19, 2015	Base Course Material	29.630 ton
August 20, 2015	None	None
August 21, 2015		
August 22, 2015	Base Course Material	29.660 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: October 25 ,2015

Material Log		
Date	Material Delivered to Site	Quantity
August 23, 2015	Asphalt Material	33.940 ton
	Asphalt Material	443.520 ton
August 24, 2015	None	None
August 25, 2015	None	None
August 26, 2015	None	None
August 27, 2015	None	None
August 28, 2015		
August 29, 2015	None	None
August 30, 2015	None	None
August 31, 2015	None	None
September, 2015		
September 1, 2015	Concrete	1.5 m ³
September 2, 2015	None	None
September 3, 2015	None	None
September 4, 2015		
September 5, 2015	None	None
September 6, 2015	None	None
September 7, 2015	Asphalt Material	51.220 ton
September 8, 2015	None	None
September 9, 2015	None	None
September 10, 2015	Base Course Material	24.630 ton
September 11, 2015		
September 12, 2015	None	None
September 13, 2015	None	None
September 14, 2015	Concrete	4 m ³
September 15, 2015	Concrete	2.5 m ³
September 16, 2015	None	None
September 17, 2015	None	None
September 18, 2015		
September 19, 2015	None	None
September 20, 2015	Concrete	2.5 m ³
September 21, 2015	Concrete	2.5 m ³
September 22, 2015	None	None
September 23, 2015		
September 24, 2015		
September 25, 2015		
September 26, 2015		
September 27, 2015		
September 28, 2015	None	None
September 29, 2015	None	None
September 30, 2015	None	None
October, 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: October 25 ,2015

Material Log		
Date	Material Delivered to Site	Quantity
October 1, 2015	None	None
October 2, 2015	None	None
October 3, 2015	None	None
October 4, 2015	None	None
October 5, 2015	None	None
October 6, 2015	None	None
October 7, 2015	None	None
October 8, 2015	None	None
October 9, 2015	None	None
October 10, 2015	None	None
October 11, 2015	None	None
October 12, 2015	None	None
October 13, 2015	None	None
October 14, 2015	None	None
October 15, 2015	None	None
October 16, 2015	None	None
October 17, 2015	Concrete	5.5 m3
October 18, 2015	Concrete	2 m3
October 19, 2015	Concrete	7 m3
October 20, 2015	None	None
October 21, 2015	None	None
October 22, 2015	None	None
October 23, 2015	None	None
October 24, 2015	None	None
October 25, 2015	None	None



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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 : July 31, 2015

Equipment Log

Date Equipment		1-Jul-15	2-Jul-15	3-Jul-15	4-Jul-15	5-Jul-15	6-Jul-15	7-Jul-15	8-Jul-15	9-Jul-15	10-Jul-15	11-Jul-15	12-Jul-15	13-Jul-15	14-Jul-15	15-Jul-15	16-Jul-15	17-Jul-15	18-Jul-15	19-Jul-15	20-Jul-15	21-Jul-15	22-Jul-15	23-Jul-15	24-Jul-15	25-Jul-15	26-Jul-15	27-Jul-15	28-Jul-15	29-Jul-15	30-Jul-15	31-Jul-15	
Water Pump	Quantity in use																																
	Idle																																
Dump Truck	Quantity in use	2	2		2	2	2	2	2	2		2	2	2	2	2							3	3	3		3	2	2			2	
	Idle																																
Bobcat	Quantity in use					1	1	1	1	1		1	1	1	1	1							1	1	1		1	1	1	2	1	1	
	Idle																																
Roller	Quantity in use	1	1		1	1	1	1	1	1		1	1	1	1	1							1	1	1			1	1				
	Idle																																
MC Tank	Quantity in use		1	1							1															1							
	Idle																																
Asphalt Finisher	Quantity in use			1							1																1						
	Idle																																
Rubber Compactor	Quantity in use			2							2																						
	Idle																																
Welding Machine	Quantity in use	3	3		3	3	3	3	3	3		3	3	3	3	3							3	3	3		3	3	3	3	3	3	
	Idle																																
Pick up/ Double Cabin	Quantity in use	2	2	1	2	2	2	2	2	2	1	2	2	2	2	2							2	2	2		2	2	2	2	2	2	
	Idle																																
Asphalt Milling Machine	Quantity in use																																
	Idle																										1			1			



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 :October 25, 2015

SITE MEMOS LOG_FROM CONTRACTOR TO ENGINEER					
No.	SM No.	Project	Description	Recieved Date	Type
1	SM-14-00002-UDSI-C-E-001	UDSI	Network Branches with Gate Valve Chamber	December 30, 2014	Record of Joint Walkthrough
2	SM-14-00002-UDSI-C-E-002	UDSI	Illegal Connections	June 7, 2015	Other
3	SM-14-00002-UDSI-C-E-003	UDSI	Un protected edges of road segment	July 30, 2015	Other



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



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

Updated Date :October 25, 2015

SITE MEMOS LOG_FROM ENGINEER TO CONTRACTOR

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-E-C-001(Network Branches with Gate Valve Chamber)	January 18, 2015	Other
3	SM-14-00002-UDSI-E-C-003	UDSI	Changes Proposal - Request to Submit VOR to Capture Changes in Location and Quantities of Chambers	January 29, 2015	Site Instruction
4	SM-14-00002-UDSI-E-C-004	UDSI	Relocation of flow monitoring chamber (Relocation of Flow Monitoring Chamber from Yatta-Junction to Yaqeen (Bani Naim) Reservoir")	February 24, 2015	Site Instruction
5	SM-14-00002-UDSI-E-C-005	UDSI	SM-14-00002-UDSI-E-C-005. Revised Site memo No.3	March 2, 2015	Retracted by CMG
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
12	SM-14-00002-UDSI-E-C-011	UDSI	UDSI House Connections-Letter from Saer Municipality	July 11, 2015	other
13	SM-14-00002-UDSI-E-C-012	UDSI	Response to Contractor's Site Memo (SM-14-00002-UDSI-C-E-003).	August 2, 2015	other
14	SM-14-00002-UDSI-E-C-013	UDSI	Initial Punch List	September 29, 2015	other



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 :October 25, 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 Naeim 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	4	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. <i>Time of Cast concrete: March 07, 2015 at 02:30 PM</i>	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	

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



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 Al Safi
 Booster Station - Phase I Pipeline Connection**

Updated Date :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
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	
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. <input type="checkbox"/> 6" Steel Pipes (13 pipe X 6 m). <input type="checkbox"/> 6" Elbows 90o (8 PCs). <input type="checkbox"/> 6" Tee (15 (12 PCs))	February 5, 2015	February 5, 2015	February 5, 2015	0	A	
20	IR-14-00002-UDSI-015-A	Install of Tee for Al Safi Booster Station Connection	February 7, 2015	February 7, 2015	February 8, 2015	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

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 :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
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	
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	

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



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



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

Updated Date :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
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	Surface preparation for walls of DN400mm Butterfly Valve Chamber at Al Safi Booster Station prior to apply bitumen (1st Coat & 2nd Coat).	March 7, 2015	March 7, 2015	March 8, 2015	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	
46	IR-14-00002-UDSI-036-A	□6" 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	



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**

Updated Date :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
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



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 AI Safi
 Booster Station - Phase I Pipeline Connection**

Updated Date :October 25, 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 pccast chamber (Quantity: 6 chambers) at Al-Amir Factory.	March 22, 2015	March 22, 2015	March 22, 2015	0	A	
62	IR-14-00002-UDSI-050-A	Inspect of casted Manhole	March 23, 2015	March 24, 2015	March 24, 2015	0	Retracted	
63	IR-14-00002-UDSI-050-A	Formwork & Steel Reinforcement for 500mm BFV at Yatta Junction Foundations	March 24, 2015	March 24, 2015	March 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	

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



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

Updated Date :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
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	
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	

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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 :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
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. <i>Time of Cast concrete: April 18, 2015 at 03:30 PM</i>	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	
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	

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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 :October 25, 2015

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No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
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. <i>Time of Asphalt: April 28, 2015 at 08:00 AM</i>	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. <i>Time of Cast concrete: May 3, 2015 at 01:30 PM.</i>	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	
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. <i>Time of Cast concrete: May 6, 2015 at 03:30 PM.</i>	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	



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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 :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
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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**Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi
 Booster Station - Phase I Pipeline Connection**

Updated Date :October 25, 2015

INSPECTION REQUEST LOG								
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 WIKA Model no. 233.34. Certificates will be submitted separately. 1.Pressure Gauge Assembly WIKA Model no. 233.34 (PN25) / 8 PCs. 2.Pressure Gauge Assembly WIKA Model no. 233.34 (PN25) / 1 PCs	May 19, 2015	May 20, 2015	May 21, 2015	1	C	
125	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	
126	IR-14-00002-UDSI-106-A	Inspect of delivered material: Bermad Control Valves. Certificates will be submitted separately. 1.6" Flow Control Valve / 1 PC 2.10" Flow Control Valve / 2 PCs 3.10" Proportional Pressure Reducing Valve / 2 PCs	May 19, 2015	May 20, 2015	May 24, 2015	4	D	
127	IR-14-00002-UDSI-106-B	Inspect of delivered material: Bermad Control Valves. Certificates will be submitted separately. 1.6" Flow Control Valve / 1 PC 2.10" Flow Control Valve / 2 PCs 3.10" Proportional Pressure Reducing Valve / 2 PCs	July 2, 2015	July 2, 2015	July 2, 2015	0	A	
128	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	
129	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	
130	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	
131	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	
132	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	

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No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
133	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	
134	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	
135	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	
136	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	
137	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	
138	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	
139	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	
140	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	
141	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	
142	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	
143	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	
144	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	

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No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
145	IR-14-00002-UDSI-119-A	Close out of April & May 2015 Environmental Check List.	May 25, 2015	May 25, 2015	May 25, 2015	0	A	
146	IR-14-00002-UDSI-120-A	Pressure Leakage Test for 150m steel pipeline	May 25, 2015	May 25, 2015	May 26, 2015	1	A	
147	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	
148	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	
149	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	
150	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	
151	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	
152	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	
153	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	
154	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	
155	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	
156	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	

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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 :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
157	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	
158	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	
159	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	
160	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	
161	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	
162	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	
163	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	
164	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	
165	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	
166	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	
167	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	
168	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	

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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 :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
169	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	
170	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	
171	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	
172	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	
173	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	
174	IR-14-00002-UDSI-142-C	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 25, 2015	June 27, 2015	June 28, 2015	1	a	
175	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	
176	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	
177	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	
178	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	
179	IR-14-00002-UDSI-146-A	Inspect of delivered material: ½" and 1" KSB Ball Valves as attached Material Receiving Report and Certificates.	June 14, 2015	June 15, 2015	June 15, 2015	0	A	
180	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	

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No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
181	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	
182	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	
183	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	
184	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	
185	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	
186	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	
187	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	
188	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	
189	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	
190	IR-14-00002-UDSI-155-B	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.	July 13, 2015	July 13, 2015	July 14, 2015	1	A	
191	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	
192	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	

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Updated Date :October 25, 2015

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No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
193	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	
194	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	
195	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	
196	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	
197	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	
198	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	July 6, 2015	8	C	
199	IR-14-00002-UDSI-162-B	Inspect of delivered material: Motorizable Butterfly Valves as attached Material Receiving Report. Certificates will be submitted separately	September 3, 2015	September 3, 2015	September 9, 2015	6	C	
200	IR-14-00002-UDSI-162-C	Inspect of delivered material: Motorizable Butterfly Valves as attached Material Receiving Report. Certificates will be submitted separately	October 7, 2015	October 7, 2015	October 7, 2015	0	A	
201	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	
202	IR-14-00002-UDSI-163-B	Inspect of delivered material: Flanged Gate Valves as attached Material Receiving Report. Certificates will be submitted separately	September 3, 2015	September 3, 2015	September 7, 2015	4	C	
203	IR-14-00002-UDSI-163-C	Inspect of delivered material: Flanged Gate Valves as attached Material Receiving Report. Certificates will be submitted separately	October 7, 2015	October 7, 2015	October 7, 2015	0	A	
204	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	July 6, 2015	8	C	

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**Project 1, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A and AI Safi
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No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
205	IR-14-00002-UDSI-164-B	Inspect of delivered material: Mechanical Coupling and Dismantling Joints as attached Material Receiving Report. Certificates will be submitted separately	September 13, 2015	September 13, 2015	September 17, 2015	4	A	
206	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	
207	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	
208	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	July 1, 2015	0	A	
209	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	
210	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	
211	IR-14-00002-UDSI-168-B	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.	July 12, 2015	July 12, 2015	July 12, 2015	0	A	
212	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	
213	IR-14-00002-UDSI-170-A	Inspect of delivered material: 10" Electromagnetic Flowmeter (MAG8000) as attached Material Receiving Report and certificates.	June 30, 2015	June 30, 2015	July 1, 2015	1	A	
214	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	July 1, 2015	0	A	
215	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	July 1, 2015	0	A	
216	IR-14-00002-UDSI-173-A	Compaction Tests and preparation works for base course layer prior to spread MC and apply of asphalt for the road from STA: 2+100 to STA: 2+950. Compaction test reports will be submitted separately.	July 1, 2015	July 2, 2015	July 2, 2015	0	A	

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217	IR-14-00002-UDSI-174-A	Inspect of delivered material: Link-Seals Watertight/Dusttight Pipe Sleeves / PS-475-ES and PS-300-ES. As attached Material Receiving Report and certificates.	July 2, 2015	July 2, 2015	July 2, 2015	0	A	
218	IR-14-00002-UDSI-175-A	Close out of June 2015 Environmental Check List.	July 2, 2015	July 2, 2015	July 2, 2015	0	A	
219	IR-14-00002-UDSI-176-A	Formwork and steel reinforcement for Walls of 20" Butterfly Valve Chamber at STA: 5+115 prior to cast of concrete.	July 4, 2015	July 4, 2015	July 5, 2015	1	A	
220	IR-14-00002-UDSI-177-A	Pushing and Disinfection for installed 6" pipeline from STA: 0+960 to STA: 2+367. Time of 1st day Samples: Saturday July 4, 2015 / 10:00 AM Time of 2nd day Samples: Sunday July 5, 2015 / 10:00 AM Time of Bacteriological Test Samples: Sunday July 5, 2015 / 12:00 AM	July 2, 2015	July 4, 2015	July 7, 2015	3	A	
221	IR-14-00002-UDSI-178-A	Installed of DN80mm Gate Valves with associated fittings and finishing works inside the chamber at STA: 0+960 for 6" Pipeline.	July 6, 2015	July 6, 2015	July 6, 2015	0	A	
222	IR-14-00002-UDSI-179-A	Installed of DN80mm Gate Valves with associated fittings and finishing works inside the chamber at STA: 1+440 for 6" Pipeline.	July 6, 2015	July 6, 2015	July 6, 2015	0	A	
223	IR-14-00002-UDSI-180-A	Installed of DN80mm Gate Valves with associated fittings and finishing works inside the chamber at STA: 1+820 for 6" Pipeline.	July 6, 2015	July 6, 2015	July 6, 2015	0	A	
224	IR-14-00002-UDSI-181-A	Installed of DN80mm Gate Valves with associated fittings and finishing works inside the chamber at STA: 1+955 for 6" Pipeline.	July 6, 2015	July 6, 2015	July 6, 2015	0	A	
225	IR-14-00002-UDSI-182-A	Formwork and steel reinforcement for Top Slab of 20" Butterfly Valve Chamber at STA: 5+115 prior to cast of concrete. Time of Cast concrete: July 8, 2015 at 11:00 AM	July 7, 2015	July 8, 2015	July 8, 2015	0	A	
226	IR-14-00002-UDSI-183-A	Formwork and steel reinforcement for Foundation of Al'Uddesa Emergency Service Connection Chamber/DN150mm at STA: 4+820 prior to cast of concrete.	July 7, 2015	July 8, 2015	July 8, 2015	0	A	
227	IR-14-00002-UDSI-184-A	Pressure Leakage Test for installed 150mm steel pipeline from STA: 3+238 to STA: 4+820. Refer to the attached Pressure Leakage Test Log.	July 7, 2015	July 7, 2015	July 9, 2015	2	A	
228	IR-14-00002-UDSI-185-A	Compaction Tests and preparation works for base course layer prior to spread MC and apply of asphalt for the road from STA: 2+950 to STA: 4+000. Compaction test reports will be submitted separately.	July 8, 2015	July 8, 2015	July 9, 2015	1	C	

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No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
229	IR-14-00002-UDSI-185-B	Compaction Tests and preparation works for base course layer prior to spread MC and apply of asphalt for the road from STA: 2+950 to STA: 4+000. Compaction test reports will be submitted separately.	July 9, 2015	July 9, 2015	July 9, 2015	0	A	
230	IR-14-00002-UDSI-186-A	Installation of Anodes for 20" pipeline Cathodic Protection System as attached tables.	July 8, 2015	July 9, 2015	July 9, 2015	0	A	
231	IR-14-00002-UDSI-187-A	Inspect of delivered material: Check Valves as attached Material Receiving Report. Certificates will be submitted separately.	July 9, 2015	July 9, 2015	July 11, 2015	2	A	
232	IR-14-00002-UDSI-188-A	Inspect of delivered material: 2" KSB Ball Valve as attached Material Receiving Report. Certificates will be submitted separately.	July 9, 2015	July 9, 2015	July 9, 2015	0	Retracted	
233	IR-14-00002-UDSI-188-A	Inspect of delivered material- 2" ksb vall valve as attached material receiving report	July 13, 2015	July 13, 2015	July 13, 2015	0	A	
234	IR-14-00002-UDSI-189-A	Inspect of delivered material: 16" Expansion Joint as attached Material Receiving Report. Certificates will be submitted separately.	July 9, 2015	July 9, 2015	July 11, 2015	2	A	
235	IR-14-00002-UDSI-190-A	Formwork and steel reinforcement for Walls of Al'Uddiesa Emergency Service Connection Chamber/DN150mm at STA: 4+820 prior to cast of concrete.	July 9, 2015	July 11, 2015	July 11, 2015	0	A	
236	IR-14-00002-UDSI-191-A	Finishing and Disinfection for installed 6" pipeline from STA: 3+238 to STA: 4+820. Time of 1st day Samples: Saturday July 11, 2015 / 10:00 AM Time of 2nd day Samples: Sunday July 12, 2015 / 10:00 AM Time of Bacteriological Test Samples: Sunday July 12, 2015 / 12:00 AM	July 9, 2015	July 11, 2015	July 13, 2015	2	A	
237	IR-14-00002-UDSI-192-A	Installed of DN80mm Combination Air Valve with associated fittings and finishing works inside the chamber at STA: 3+862 for 6" Pipeline.	July 9, 2015	July 9, 2015	July 9, 2015	0	A	
238	IR-14-00002-UDSI-193-A	Installed of DN100mm Combination Air Valve with associated fittings and finishing works inside the chamber at STA: 3+860 for 20" Pipeline.	July 9, 2015	July 9, 2015	July 9, 2015	0	A	
239	IR-14-00002-UDSI-194-A	Installed of DN80mm gate valve with associated fittings and finishing works inside the chamber at STA: 3+852 for 6" Pipeline.	July 9, 2015	July 9, 2015	July 9, 2015	0	A	
240	IR-14-00002-UDSI-195-A	Installed of DN80mm gate valve with associated fittings and finishing works inside the chamber at STA: 3+631 for 6" Pipeline.	July 9, 2015	July 9, 2015	July 9, 2015	0	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 :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
241	IR-14-00002-UDSI-196-A	Installed of DN80mm gate valve with associated fittings and finishing works inside the chamber at STA: 3+415 for 6" Pipeline.	July 9, 2015	July 9, 2015	July 9, 2015	0	A	
242	IR-14-00002-UDSI-197-A	Installed of DN80mm gate valve with associated fittings and finishing works inside the chamber at STA: 2+506 for 6" Pipeline.	July 9, 2015	July 9, 2015	July 9, 2015	0	A	
243	IR-14-00002-UDSI-198-A	Installed of DN100mm Combination Air Valve with associated fittings and finishing works inside the chamber at STA: 3+032 for 20" Pipeline.	July 9, 2015	July 9, 2015	July 9, 2015	0	A	
244	IR-14-00002-UDSI-199-A	Installed of DN80mm Combination Air Valve with associated fittings and finishing works inside the chamber at STA: 3+030 for 6" Pipeline.	July 9, 2015	July 9, 2015	July 9, 2015	0	A	
245	IR-14-00002-UDSI-200-A	Installed of DN80mm gate valve with associated fittings and finishing works inside the chamber at STA: 2+367 for 6" Pipeline.	July 9, 2015	July 9, 2015	July 9, 2015	0	A	
246	IR-14-00002-UDSI-201-A	Installed of DN80mm gate valve with associated fittings and finishing works inside the chamber at STA: 2+940 for 6" Pipeline.	July 9, 2015	July 9, 2015	July 9, 2015	0	A	
247	IR-14-00002-UDSI-202-A	Installed of DN80mm Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for 6" Pipeline / STA: 4+427 prior to backfilling works around and above the chamber	July 12, 2015	July 12, 2015	July 12, 2015	0	A	
248	IR-14-00002-UDSI-203-A	Installed of DN80mm Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for 6" Pipeline / STA: 5+188 prior to backfilling works around and above the chamber	July 12, 2015	July 12, 2015	July 13, 2015	1	C	
249	IR-14-00002-UDSI-203-B	Installed of DN80mm Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for 6" Pipeline / STA: 5+188 prior to backfilling works around and above the chamber	July 21, 2015	July 22, 2015	July 22, 2015	0	A	
250	IR-14-00002-UDSI-204-A	Installed of DN80mm Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for 6" Pipeline / STA: 4+913 prior to backfilling works around and above the chamber.	July 12, 2015	July 12, 2015	July 12, 2015	0	A	
251	IR-14-00002-UDSI-205-A	Installed of DN150mm Combination Air Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for 20" Pipeline / STA: 4+900 prior to backfilling works around and above the chamber	July 12, 2015	July 12, 2015	July 12, 2015	0	A	
252	IR-14-00002-UDSI-206-A	Installed of DN200mm Washout Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for 20" Pipeline / STA: 4+601 prior to backfilling works around and above the chamber	July 12, 2015	July 12, 2015	July 14, 2015	2	C	

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

Updated Date :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
253	IR-14-00002-UDSI-206-B	Installed of DN200mm Washout Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for 20" Pipeline / STA: 4+601 prior to backfilling works around and above the chamber	July 23, 2015	July 25, 2015	July 26, 2015	1	A	
254	IR-14-00002-UDSI-207-A	Installation of air vent pipes, manhole cover and Fabrication & Welding the pipes for 20" butterfly valve chamber / STA: 5+115 prior to backfilling works around and above the chamber.	July 12, 2015	July 12, 2015	July 12, 2015	0	A	
255	IR-14-00002-UDSI-208-A	Subgrade Preparation and Asphalt Removal for the road from STA: 3+850 to STA: 4+820. Tests reports will be submitted separately.	July 13, 2015	July 13, 2015	July 13, 2015	0	A	
256	IR-14-00002-UDSI-209-A	Compaction Tests and preparation works for base course layer prior to spread MC and apply of asphalt for the road from STA: 4+000 to STA: 4+350. Compaction test reports will be submitted separately.	July 13, 2015	July 13, 2015	July 14, 2015	1	A	
257	IR-14-00002-UDSI-210-A	Installed of DN150mm Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for 6" Pipeline / STA: 4+680 prior to backfilling works around and above the chamber.	July 22, 2015	July 23, 2015	July 23, 2015	0	C	
258	IR-14-00002-UDSI-210-B	Installed of DN150mm Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for 6" Pipeline / STA: 4+681 prior to backfilling works around and above the chamber.	July 23, 2015	July 25, 2015	July 26, 2015	1	A	
259	IR-14-00002-UDSI-211-A	Formwork and steel reinforcement for Top Slab of Al'Uddesa Emergency Service Connection Chamber/DN150mm at STA: 4+820 prior to cast of concrete.	July 23, 2015	July 23, 2015	July 23, 2015	0	A	
260	IR-14-00002-UDSI-212-A	Installed of DN80mm gate valve with associated fittings and finishing works inside the chamber at STA: 3+238 for 6" Pipeline.	July 23, 2015	July 26, 2015	July 26, 2015	0	C	
261	IR-14-00002-UDSI-212-B	Installed of DN80mm gate valve with associated fittings and finishing works inside the chamber at STA: 3+238 for 6" Pipeline.	July 29, 2015	July 30, 2015	July 30, 2015	0	A	
262	IR-14-00002-UDSI-213-A	Installed of DN80mm Combination Air Valve with associated fittings and finishing works inside the chamber at STA: 2+220 for 6" Pipeline.	July 23, 2015	July 26, 2015	July 26, 2015	0	A	
263	IR-14-00002-UDSI-214-A	Installed of DN100mm Combination Air Valve with associated fittings and finishing works inside the chamber at STA: 2+222 for 20" Pipeline.	July 23, 2015	July 26, 2015	July 26, 2015	0	A	
264	IR-14-00002-UDSI-215-A	Installed of DN150mm gate valve with associated fittings and finishing works inside the chamber at STA: 0+960 for 6" Pipeline.	July 23, 2015	July 26, 2015	July 26, 2015	0	A	

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USAID WEST BANK - GAZA
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CONTRACT NO. AID-294-I-13-00002
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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 :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
265	IR-14-00002-UDSI-216-A	Installed of DN150mm gate valve with associated fittings and finishing works inside the chamber at STA: 1+957 for 6" Pipeline.	July 23, 2015	July 26, 2015	July 26, 2015	0	A	
266	IR-14-00002-UDSI-217-A	Installed of DN200mm valve with associated fittings and finishing works inside the washout chamber at STA: 3+514 for 20" Pipeline.	July 23, 2015	July 26, 2015	July 26, 2015	0	A	
267	IR-14-00002-UDSI-218-A	Installed of DN200mm valve with associated fittings and finishing works inside the washout chamber at STA: 1+205 for 20" Pipeline.	July 23, 2015	July 26, 2015	July 26, 2015	0	C	
268	IR-14-00002-UDSI-218-B	Installed of DN200mm valve with associated fittings and finishing works inside the washout chamber at STA: 1+205 for 20" Pipeline.	July 29, 2015	July 30, 2015	July 30, 2015	0	A	
269	IR-14-00002-UDSI-219-A	Installed of DN500mm butterfly valve with associated fittings and finishing works inside the chamber at STA: 2+513 for 20" Pipeline.	July 23, 2015	July 26, 2015	July 26, 2015	0	C	
270	IR-14-00002-UDSI-219-B	Installed of DN500mm butterfly valve with associated fittings and finishing works inside the chamber at STA: 2+513 for 20" Pipeline.	August 20, 2015	August 22, 2015	August 24, 2015	2	C	
271	IR-14-00002-UDSI-219-C	Installed of DN500mm butterfly valve with associated fittings and finishing works inside the chamber at STA: 2+513 for 20" Pipeline.	August 31, 2015	August 31, 2015	September 1, 2015	1	A	
272	IR-14-00002-UDSI-220-A	Installed of DN80mm valve with associated fittings and finishing works inside the washout chamber at STA: 3+995 for 6" Pipeline.	July 26, 2015	July 26, 2015	July 26, 2015	0	A	
273	IR-14-00002-UDSI-221-A	Installed of DN200mm valve with associated fittings and finishing works inside the washout chamber at STA: 4+004 for 20" Pipeline.	July 26, 2015	July 26, 2015	July 26, 2015	0	A	
274	IR-14-00002-UDSI-222-A	Installed of DN200mm valve with associated fittings and finishing works inside the washout chamber at STA: 4+601 for 20" Pipeline.	July 26, 2015	July 26, 2015	July 26, 2015	0	A	
275	IR-14-00002-UDSI-223-A	Surface preparation and Applying of Bitumen Coating (1st and 2nd Layers) for DN350 butterfly valve chamber at STA: 5+557 prior to start backfilling around and above the chamber.	July 29, 2015	July 29, 2015	July 30, 2015	1	A	
276	IR-14-00002-UDSI-224-A	Installed of DN150mm Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for 6" Pipeline / STA: 4+825 prior to backfilling works around and above the chamber.	July 29, 2015	July 29, 2015	July 30, 2015	1	C	

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



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**

Updated Date :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
277	IR-14-00002-UDSI-224-B	Installed of DN150mm Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for 6" Pipeline / STA: 4+825 prior to backfilling works around and above the chamber.	August 10, 2015	August 10, 2015	August 11, 2015	1	A	
278	IR-14-00002-UDSI-225-A	Installed of air vent pipes, manhole cover and Fabrication & Welding the pipes around the DN150mm Al'Uddesa Emergency Service Connection Chamber / STA: 4+820 prior to backfilling works around and above the chamber.	July 29, 2015	July 29, 2015	July 30, 2015	1	C	
279	IR-14-00002-UDSI-225-B	Installed of air vent pipes, manhole cover and Fabrication & Welding the pipes around the DN150mm Al'Uddesa Emergency Service Connection Chamber / STA: 4+820 prior to backfilling works around and above the chamber.	August 4, 2015	August 4, 2015	August 5, 2015	1	A	
280	IR-14-00002-UDSI-226-A	Surface preparation and Applying of Bitumen Coating (1st and 2nd Layers) for DN150mm Al'Uddesa Emergency Service Connection Chamber at STA: 4+820 prior to start backfilling around and above the chamber.	July 29, 2015	July 29, 2015	July 30, 2015	1	A	
281	IR-14-00002-UDSI-227-A	Installed of DN80mm gate valve with associated fittings and finishing works inside the chamber at STA: 4+098 for 6" Pipeline.	July 29, 2015	July 30, 2015	July 30, 2015	0	A	
282	IR-14-00002-UDSI-228-A	Installed of DN150mm Combination Air Valve with associated fittings and finishing works inside the chamber at STA: 4+393 for 20" Pipeline.	July 29, 2015	July 30, 2015	July 30, 2015	0	A	
283	IR-14-00002-UDSI-229-A	Installed of DN80mm Combination Air Valve with associated fittings and finishing works inside the chamber at STA: 4+395 for 6" Pipeline.	July 29, 2015	July 30, 2015	July 30, 2015	0	A	
284	IR-14-00002-UDSI-230-A	Installed of DN80mm gate valve with associated fittings and finishing works inside the chamber at STA: 4+427 for 6" Pipeline.	July 29, 2015	July 30, 2015	July 30, 2015	0	A	
285	IR-14-00002-UDSI-231-A	Installed of DN80mm gate valve with associated fittings and finishing works inside the chamber at STA: 4+575 for 6" Pipeline.	July 29, 2015	July 30, 2015	July 30, 2015	0	A	
286	IR-14-00002-UDSI-232-A	Installed of DN150mm gate valve with associated fittings and finishing works inside the chamber at STA: 4+680 for 6" Pipeline.	July 29, 2015	July 30, 2015	July 30, 2015	0	C	
287	IR-14-00002-UDSI-232-B	Installed of DN150mm gate valve with associated fittings and finishing works inside the chamber at STA: 4+680 for 6" Pipeline.	August 20, 2015	August 22, 2015	August 24, 2015	2	C	
288	IR-14-00002-UDSI-232-C	Installed of DN150mm gate valve with associated fittings and finishing works inside the chamber at STA: 4+680 for 6" Pipeline.	August 31, 2015	August 31, 2015	September 1, 2015	1	A	

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

Updated Date :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
289	IR-14-00002-UDSI-233-A	Milling the asphalt layer and preparation the layer prior to spread RC and apply of asphalt (2nd layer) from STA: 0+955 to STA: 2+100.	July 30, 2015	July 30, 2015	August 2, 2015	3	A	
290	IR-14-00002-UDSI-234-A	Formwork and steel reinforcement for concrete pad of Flow monitoring and valve assembly for Yaqeen/Bani Naim reservoir prior to cast of concrete.	August 2, 2015	August 2, 2015	August 6, 2015	4	A	
291	IR-14-00002-UDSI-235-A	Compaction Tests and preparation works for base course layer prior to spread MC and apply of asphalt for the road from STA: 4+350 to STA: 4+800. Compaction test reports will be submitted separately.	August 2, 2015	August 2, 2015	August 2, 2015	0	A	
292	IR-14-00002-UDSI-236-A	Installed of DN80mm Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for 6" Pipeline/Future Connection / STA: 4+852 prior to backfilling works around and above the chamber.	August 3, 2015	August 4, 2015	August 5, 2015	1	A	
293	IR-14-00002-UDSI-237-A	Installed of DN80mm Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for 6" Pipeline/Future Connection / STA: 4+981 prior to backfilling works around and above the chamber.	August 3, 2015	August 4, 2015	August 5, 2015	1	C	
294	IR-14-00002-UDSI-237-B	Installed of DN80mm Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for 6" Pipeline/Future Connection / STA: 4+981 prior to backfilling works around and above the chamber.	August 6, 2015	August 6, 2015	August 6, 2015	0	A	
295	IR-14-00002-UDSI-238-A	Installed of DN80mm Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for 6" Pipeline/Future Connection / STA: 5+543 prior to backfilling works around and above the chamber.	August 3, 2015	August 4, 2015	August 5, 2015	1	C	
296	IR-14-00002-UDSI-238-B	Installed of DN80mm Gate Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for 6" Pipeline/Future Connection / STA: 5+543 prior to backfilling works around and above the chamber.	August 6, 2015	August 6, 2015	August 6, 2015	0	A	
297	IR-14-00002-UDSI-239-A	Pressure Leakage Test for installed 500mm steel pipeline from STA: 2+510 to STA: 5+580. Refer to the attached Pressure Leakage Test Log.	August 3, 2015	August 3, 2015	August 5, 2015	2	A	
298	IR-14-00002-UDSI-240-A	Inspect of delivered material: Reference Electrodes for Cathodic Protection System as attached Material Receiving Report. Certificates will be submitted separately.	August 4, 2015	August 4, 2015	August 5, 2015	1	A	
299	IR-14-00002-UDSI-241-A	Installed of DN150mm gate valve with associated fittings and finishing works inside the chamber at STA: 4+825 for 6" Pipeline.	August 5, 2015	August 6, 2015	August 6, 2015	0	D	
300	IR-14-00002-UDSI-241-B	Installed of DN150mm gate valve with associated fittings and finishing works inside the chamber at STA: 4+825 for 6" Pipeline.	August 15, 2015	August 15, 2015	August 15, 2015	0	A	

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

Updated Date :October 25, 2015

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No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
301	IR-14-00002-UDSI-242-A	Installed of DN80mm gate valve with associated fittings and finishing works inside the chamber at STA: 4+852 for 6" Pipeline.	August 5, 2015	August 6, 2015	August 6, 2015	0	D	
302	IR-14-00002-UDSI-242-B	Installed of DN80mm gate valve with associated fittings and finishing works inside the chamber at STA: 4+852 for 6" Pipeline.	August 15, 2015	August 15, 2015	August 15, 2015	0	A	
303	IR-14-00002-UDSI-243-A	Installed of DN150mm Combination Air Valve with associated fittings and finishing works inside the chamber at STA: 4+900 for 20" Pipeline.	August 5, 2015	August 6, 2015	August 6, 2015	0	C	
304	IR-14-00002-UDSI-243-B	Installed of DN150mm Combination Air Valve with associated fittings and finishing works inside the chamber at STA: 4+900 for 20" Pipeline.	August 15, 2015	August 15, 2015	August 15, 2015	0	A	
305	IR-14-00002-UDSI-244-A	Installed of DN150mm gate valve with associated fittings and finishing works inside the chamber at STA: 4+895 for 6" Pipeline.	August 5, 2015	August 6, 2015	August 6, 2015	0	A	
306	IR-14-00002-UDSI-245-A	Installed of DN80mm gate valve with associated fittings and finishing works inside the chamber at STA: 4+913 for 6" Pipeline.	August 5, 2015	August 6, 2015	August 6, 2015	0	A	
307	IR-14-00002-UDSI-246-A	Installed of DN80mm gate valve with associated fittings and finishing works inside the chamber at STA: 4+981 for 6" Pipeline.	August 5, 2015	August 6, 2015	August 6, 2015	0	D	
308	IR-14-00002-UDSI-246-B	Installed of DN80mm gate valve with associated fittings and finishing works inside the chamber at STA: 4+981 for 6" Pipeline.	August 15, 2015	August 15, 2015	August 15, 2015	0	A	
309	IR-14-00002-UDSI-247-A	Installed of DN80mm gate valve with associated fittings and finishing works inside the chamber at STA: 5+188 for 6" Pipeline.	August 5, 2015	August 6, 2015	August 6, 2015	0	A	
310	IR-14-00002-UDSI-248-A	Installed of DN200mm valve with associated fittings and finishing works inside the washout chamber at STA: 5+521 for 20" Pipeline.	August 5, 2015	August 6, 2015	August 6, 2015	0	C	
311	IR-14-00002-UDSI-248-B	Installed of DN200mm valve with associated fittings and finishing works inside the washout chamber at STA: 5+521 for 20" Pipeline.	August 15, 2015	August 15, 2015	August 15, 2015	0	A	
312	IR-14-00002-UDSI-249-A	Installed of DN80mm gate valve with associated fittings and finishing works inside the chamber at STA: 5+543 for 6" Pipeline.	August 5, 2015	August 6, 2015	August 6, 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 :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
313	IR-14-00002-UDSI-250-A	Installed of air vent pipes, manhole cover and Fabrication & Welding the pipes around the DN100mm Ras Tawil Emergency Service Connection Chamber / STA: 5+580 prior to backfilling works around and above the chamber.	August 5, 2015	August 6, 2015	August 6, 2015	0	A	
314	IR-14-00002-UDSI-251-A	Finish base course reinstatement over trench from STA: 5+065 to STA: 5+580. Test reports will be submitted separately.	August 6, 2015	August 6, 2015	August 6, 2015	0	A	
315	IR-14-00002-UDSI-252-A	Installed of DN400mm Butterfly Valve Precast chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for DN400mm Pipeline at Al Safi Booster Station / STA: 0+000 prior to backfilling works around and above the chamber.	August 9, 2015	August 10, 2015	August 11, 2015	1	A	
316	IR-14-00002-UDSI-253-A	Installed of DN300mm Butterfly Valve chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for DN400mm Pipeline at Al Safi Booster Station / STA: 0+036 prior to backfilling works around and above the chamber.	August 9, 2015	August 10, 2015	August 11, 2015	1	A	
317	IR-14-00002-UDSI-254-A	Installed of DN400mm Butterfly Valve chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for DN400mm Pipeline at Al Safi Booster Station / STA: 0+043 prior to backfilling works around and above the chamber.	August 9, 2015	August 10, 2015	August 11, 2015	1	A	
318	IR-14-00002-UDSI-255-A	Installed of DN400mm Butterfly Valve with associated fittings and finishing works inside the chamber at Al Safi Booster Station / STA: 0+000 for DN400mm Pipeline.	August 9, 2015	August 10, 2015	August 11, 2015	1	A	
319	IR-14-00002-UDSI-256-A	Installed of DN300mm Butterfly Valve with associated fittings and finishing works inside the chamber at Al Safi Booster Station / STA: 0+036 for DN400mm Pipeline.	August 9, 2015	August 10, 2015	August 11, 2015	1	A	
320	IR-14-00002-UDSI-257-A	Installed of DN400mm Butterfly Valve with associated fittings and finishing works inside the chamber at Al Safi Booster Station / STA: 0+043 for DN400mm Pipeline.	August 9, 2015	August 9, 2015	August 11, 2015	2	A	
321	IR-14-00002-UDSI-258-A	Installed of DN400mm check valve chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for DN400mm pipeline at Yatta Junction prior to backfilling works around and above the chamber.	August 9, 2015	August 9, 2015	August 11, 2015	2	A	
322	IR-14-00002-UDSI-259-A	Installed of DN500mm check valve chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for DN500mm pipeline at Yatta Junction prior to backfilling works around and above the chamber.	August 9, 2015	August 9, 2015	August 11, 2015	2	A	
323	IR-14-00002-UDSI-260-A	Installed of DN500mm butterfly valve chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for DN500mm pipeline at Yatta Junction prior to backfilling works around and above the chamber.	August 9, 2015	August 9, 2015	August 11, 2015	2	A	
324	IR-14-00002-UDSI-261-A	Installed of DN500mm Butterfly Valve with associated fittings and finishing works inside the chamber at Yatta Junction for DN500mm Pipeline.	August 9, 2015	August 9, 2015	August 11, 2015	2	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 Al Safi
 Booster Station - Phase I Pipeline Connection**

Updated Date :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
325	IR-14-00002-UDSI-262-A	Installed of DN500mm Check Valve with associated fittings and finishing works inside the chamber at Yatta Junction for DN500mm Pipeline.	August 9, 2015	August 9, 2015	August 11, 2015	2	A	
326	IR-14-00002-UDSI-263-A	Installed of DN400mm Check Valve with associated fittings and finishing works inside the chamber at Yatta Junction for DN400mm Pipeline.	August 9, 2015	August 9, 2015	August 11, 2015	2	A	
327	IR-14-00002-UDSI-264-A	Compaction Tests and preparation works for base course layer prior to spread MC and apply of asphalt for the road from STA: 4+800 to STA: 5+065. Compaction test reports will be submitted separately	August 10, 2015	August 11, 2015	August 13, 2015	2	A	
328	IR-14-00002-UDSI-265-A	Inspect of delivered material: Flanged Pressure Relief Valve DN50 PN25 for Al Safi Booster Station as attached Material Receiving Report.	August 12, 2015	August 12, 2015	August 13, 2015	1	A	
329	IR-14-00002-UDSI-266-A	Installed of Valves and Instrumentation with associated fittings and finishing works of Tank Connection for Al Safi Booster Station	August 12, 2015	August 13, 2015	August 13, 2015	0	A	
330	IR-14-00002-UDSI-267-A	Installed of Valves and Instrumentation with associated fittings and finishing works of Flow Monitoring and Flow Control Valve Assembly for Al Safi Booster Station	August 12, 2015	August 13, 2015	August 13, 2015	0	A	
331	IR-14-00002-UDSI-268-A	Pressure Leakage Test for installed 150mm steel pipeline from STA: 4+820 to STA: 5+543. Refer to the attached Pressure Leakage Test Log.	August 15, 2015	August 15, 2015	August 16, 2015	1	A	
332	IR-14-00002-UDSI-269-A	Flushing and Disinfection for installed 6" pipeline from STA: 4+820 to STA: 5+543. Time of 1st day Samples: Sunday August 16, 2015 / 01:00 PM Time of 2nd day Samples: Monday August 16, 2015 / 01:00 PM Time of Bacteriological Test Samples: Monday August 16, 2015 / 02:00 PM	August 16, 2015	August 16, 2015	August 19, 2015	3	A	
333	IR-14-00002-UDSI-270-A	Installation of Storm Water Catch Basin (Precast concrete catch basins with cover and 10" UPVC pipes.	August 16, 2015	August 16, 2015	August 16, 2015	0	A	
334	IR-14-00002-UDSI-271-A	Inspect of delivered material: Two Transition Couplings (ROMAC Model RC-400 / 38.30" OD x 36.00" OD) and handover to PWA representative as attached certificates	August 19, 2015	August 19, 2015	August 19, 2015	0	A	
335	IR-14-00002-UDSI-272-A	Installed of DN500mm butterfly valve with associated fittings and finishing works inside the chamber at STA: 1+017 for 20" Pipeline.	August 20, 2015	August 22, 2015	August 24, 2015	2	C	
336	IR-14-00002-UDSI-272-B	Installed of DN500mm butterfly valve with associated fittings and finishing works inside the chamber at STA: 1+017 for 20" Pipeline.	August 31, 2015	August 31, 2015	September 1, 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 :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
337	IR-14-00002-UDSI-273-A	Installed of DN500mm butterfly valve chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for DN500mm pipeline prior to backfilling works around and above the chamber.	August 20, 2015	August 22, 2015	August 24, 2015	2	A	
338	IR-14-00002-UDSI-274-A	Installed of DN500mm butterfly valve with associated fittings and finishing works inside the chamber at STA: 5+115 for 20" Pipeline.	August 20, 2015	August 22, 2015	August 24, 2015	2	C	
339	IR-14-00002-UDSI-274-B	Installed of DN500mm butterfly valve with associated fittings and finishing works inside the chamber at STA: 5+115 for 20" Pipeline.	August 31, 2015	August 31, 2015	September 1, 2015	1	A	
340	IR-14-00002-UDSI-275-A	Installed of DN350mm butterfly valve with associated fittings and finishing works inside the chamber at STA: 5+557 for 20" Pipeline.	August 20, 2015	August 22, 2015	August 24, 2015	2	C	
341	IR-14-00002-UDSI-275-B	Installed of DN350mm butterfly valve with associated fittings and finishing works inside the chamber at STA: 5+557 for 20" Pipeline.	August 31, 2015	August 31, 2015	September 1, 2015	1	A	
342	IR-14-00002-UDSI-276-A	Installed of DN350mm butterfly valve chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for DN500mm pipeline prior to backfilling works around and above the chamber	August 20, 2015	August 22, 2015	August 24, 2015	2	C	
343	IR-14-00002-UDSI-276-B	Installed of DN350mm butterfly valve chamber, air vent pipes, manhole cover and Fabrication & Welding the pipes for DN500mm pipeline prior to backfilling works around and above the chamber	August 31, 2015	August 31, 2015	September 1, 2015	1	A	
344	IR-14-00002-UDSI-277-A	Installed of DN200mm washout chamber, air vent pipes, manhole cover, outfall chamber and Fabrication & Welding the pipes (chamber piping) for DN500mm Pipeline / STA: 1+205 prior to backfilling works around and above the chamber.	August 20, 2015	August 22, 2015	August 24, 2015	2	A	
345	IR-14-00002-UDSI-278-A	Inspect of delivered material: Transmitters, Data logger, Pressure Transmitter, Pressure Differential Switch with all accessories as attached Material Receiving Report. Certificates will be submitted separately.	August 23, 2015	August 23, 2015	August 30, 2015	7	A	
346	IR-14-00002-UDSI-279-A	Flushing and Disinfection for installed 20" pipeline from STA: 1+000 to STA: 2+510.	August 26, 2015	August 27, 2015	August 27, 2015	0	Retracted	
347	IR-14-00002-UDSI-279-A	Flushing and Disinfection for installed 20" pipeline from STA: 1+000 to STA: 2+510.	August 27, 2015	August 29, 2015	August 30, 2015	1	A	
348	IR-14-00002-UDSI-280-A	Flushing and Disinfection for installed 20" pipeline from STA: 2+510 to STA: 5+580.	August 27, 2015	August 29, 2015	August 31, 2015	2	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 Al Safi
 Booster Station - Phase I Pipeline Connection**

Updated Date :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
349	IR-14-00002-UDSI-281-A	Installed of Valves with associated fittings and finishing works inside the Flow Monitoring chamber at STA: 2+510 for 20" Pipeline.	August 31, 2015	August 31, 2015	September 1, 2015	1	A	
350	IR-14-00002-UDSI-282-A	Installed of Valves with associated fittings and finishing works inside the Bani Naim Reservoir Service Connection chambers	August 31, 2015	August 31, 2015	September 1, 2015	1	A	
351	IR-14-00002-UDSI-283-A	Installed of Valves with associated fittings and finishing works for Flow Monitoring and Valve Assembly for Yaqeen/Bani Naim (BNR) Reservoir.	August 31, 2015	August 31, 2015	September 1, 2015	1	A	
352	IR-14-00002-UDSI-284-A	Installed of chambers, air vent pipes, bollards, manhole covers and Fabrication & Welding the pipes (chamber piping and connections) for Bani Naim Reservoir Service Connection Chambers prior to backfilling works around and above the chamber.	August 31, 2015	August 31, 2015	September 1, 2015	1	A	
353	IR-14-00002-UDSI-285-A	Flushing and Disinfection for installed pipeline for Al Safi Booster Station Connection.	August 31, 2015	August 31, 2015	September 1, 2015	1	A	
354	IR-14-00002-UDSI-286-A	Flushing and Disinfection for Flow Monitoring and Valve Assembly for Yaqeen/Bani Naim (BNR) Reservoir.	September 1, 2015	September 1, 2015	September 1, 2015	0	A	
355	IR-14-00002-UDSI-287-A	Flushing and Disinfection for Bani Naim Reservoir Service Connection Chambers.	September 1, 2015	September 1, 2015	September 1, 2015	0	A	
356	IR-14-00002-UDSI-288-A	Installed of Valves with associated fittings and finishing works inside the Flow Monitoring chamber at STA: 5+562 for 20" Pipeline.	September 1, 2015	September 1, 2015	September 1, 2015	0	A	
357	IR-14-00002-UDSI-289-A	Flushing and Disinfection for existing 500 mm DIP pipeline from Hainoul Regional Reservoir to Reroute Connection at Station 5+580. <i>Chlorination and Bacteriological Tests. Test reports will be submitted later.</i>	September 3, 2015	September 5, 2015	September 7, 2015	2	A	
358	IR-14-00002-UDSI-290-A	Installation of reference electrodes for cathodic protection test station	September 6, 2015	September 6, 2015	September 7, 2015	1	A	
359	IR-14-00002-UDSI-291-A	Close out of July 2015 Environmental Check List.	September 6, 2015	September 6, 2015	September 6, 2015	0	A	
360	IR-14-00002-UDSI-292-A	Installation of Test Stations for Cathodic Protection System at STA: 1+140, STA: 2+000, STA: 3+000, STA: 4+000, STA: 5+000 and STA: 5+568. Refer to attached table.	September 9, 2015	September 9, 2015	September 9, 2015	0	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 :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
361	IR-14-00002-UDSI-292-B	Installation of Test Stations for Cathodic Protection System at STA: 1+140, STA: 2+000, STA: 3+000, STA: 4+000, STA: 5+000 and STA: 5+568. Refer to attached table.	September 15, 2015	September 15, 2015	September 15, 2015	0	C	
362	IR-14-00002-UDSI-292-C	Installation of Test Stations for Cathodic Protection System at STA: 1+140, STA: 2+000, STA: 3+000, STA: 4+000, STA: 5+000 and STA: 5+568. Refer to attached table.	October 8, 2015	October 11, 2015	October 11, 2015	0	A	
363	IR-14-00002-UDSI-293-A	Installed of valves with associated fittings and finishing works inside the Ras Tawil Emergency Service Connection Chamber/DN100 mm.	September 13, 2015	September 13, 2015	September 14, 2015	1	A	
364	IR-14-00002-UDSI-294-A	Installed of instrumentations with associated fittings inside the Ras Tawil Emergency Service Connection Chamber/DN100 mm.	September 10, 2015	September 13, 2015	September 14, 2015	1	C	
365	IR-14-00002-UDSI-294-B	Installed of instrumentations with associated fittings inside the Ras Tawil Emergency Service Connection Chamber/DN100 mm.	September 29, 2015	September 30, 2015	September 30, 2015	0	A	
366	IR-14-00002-UDSI-295-A	Installed of valves with associated fittings and finishing works inside Al'Uddesa Emergency Service Connection Chamber/DN150 mm.	September 10, 2015	September 13, 2015	September 14, 2015	1	C	
367	IR-14-00002-UDSI-295-B	Installed of valves with associated fittings and finishing works inside Al'Uddesa Emergency Service Connection Chamber/DN150 mm.	September 29, 2015	September 30, 2015	September 30, 2015	0	A	
368	IR-14-00002-UDSI-296-A	Installed of Instrumentations with associated fittings inside Al'Uddesa Emergency Service Connection Chamber/DN150 mm.	September 10, 2015	September 13, 2015	September 14, 2015	1	C	
369	IR-14-00002-UDSI-296-B	Installed of Instrumentations with associated fittings inside Al'Uddesa Emergency Service Connection Chamber/DN150 mm.	September 29, 2015	September 30, 2015	September 30, 2015	0	A	
370	IR-14-00002-UDSI-297-A	Installed of Instrumentations with associated fittings inside the Flow Monitoring Chamber at STA: 2+510.	September 10, 2015	September 13, 2015	September 14, 2015	1	C	
371	IR-14-00002-UDSI-297-B	Installed of Instrumentations with associated fittings inside the Flow Monitoring Chamber at STA: 2+510.	September 29, 2015	September 30, 2015	September 30, 2015	0	A	
372	IR-14-00002-UDSI-298-A	Installed of Instrumentations with associated fittings inside the Flow Monitoring Chamber at STA: 5+562.	September 10, 2015	September 13, 2015	September 14, 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 Al Safi
 Booster Station - Phase I Pipeline Connection**

Updated Date :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
373	IR-14-00002-UDSI-298-B	Installed of Instrumentations with associated fittings inside the Flow Monitoring Chamber at STA: 5+562.	September 29, 2015	September 30, 2015	September 30, 2015	0	A	
374	IR-14-00002-UDSI-299-A	Installed of Instrumentations with associated fittings inside Bani Naim Reservoir Service Connection Chambers.	September 10, 2015	September 13, 2015	September 14, 2015	1	C	
375	IR-14-00002-UDSI-299-B	Installed of Instrumentations with associated fittings inside Bani Naim Reservoir Service Connection Chambers.	September 29, 2015	September 30, 2015	September 30, 2015	0	A	
376	IR-14-00002-UDSI-300-A	Installed of Instrumentations with associated fittings for Flow Monitoring and Valve Assembly at Yaqeen/Bani Naim Reservoir (BNR) Connection.	September 10, 2015	September 13, 2015	September 14, 2015	1	C	
377	IR-14-00002-UDSI-300-B	Installed of Instrumentations with associated fittings for Flow Monitoring and Valve Assembly at Yaqeen/Bani Naim Reservoir (BNR) Connection.	September 29, 2015	September 30, 2015	September 30, 2015	0	A	
378	IR-14-00002-UDSI-301-A	Installed of Instrumentations with associated fittings for Flow Monitoring and Valve Assembly at Al Safi Booster Station Connection.	September 10, 2015	September 13, 2015	September 14, 2015	1	C	
379	IR-14-00002-UDSI-301-B	Installed of Instrumentations with associated fittings for Flow Monitoring and Valve Assembly at Al Safi Booster Station Connection.	September 29, 2015	September 30, 2015	September 30, 2015	0	A	
380	IR-14-00002-UDSI-302-A	Fabrication of Permanent Project Sign prior to start fabrication the text.	September 15, 2015	September 21, 2015	September 22, 2015	1	C	
381	IR-14-00002-UDSI-302-B	Fabrication of Permanent Project Sign prior to start fabrication the text.	September 29, 2015	September 30, 2015	October 1, 2015	1	C	
382	IR-14-00002-UDSI-302-C	Fabrication of Permanent Project Sign prior to start fabrication the text.	October 25, 2015	October 25, 2015	October 25, 2015	0	A	
383	IR-14-00002-UDSI-303-A	Flanged spool for Flowmeter maintenance prior to be handed over to PWA.	September 20, 2015	September 20, 2015	September 20, 2015	0	A	
384	IR-14-00002-UDSI-304-A	Close out of August 2015 Environmental Check List.	October 1, 2015	October 1, 2015	October 7, 2015	6	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 :October 25, 2015

INSPECTION REQUEST LOG								
No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
385	IR-14-00002-UDSI-305-A	Inspection, calibration, and ensuring of proper installation for BERMAD control valves by BERMAD representative	October 7, 2015	October 9, 2015	October 12, 2015	3	C	
386	IR-14-00002-UDSI-305-B	Inspection, calibration, and ensuring of proper installation for BERMAD control valves by BERMAD representative	October 15, 2015	October 15, 2015	October 15, 2015	0	A	
387	IR-14-00002-UDSI-306-A	Scada programming	October 7, 2015	October 11, 2015	October 11, 2015	0	A	
388	IR-14-00002-UDSI-307-A	Installation of Pipeline Marking along pipelines Ras At T awil Pipelines.	October 12, 2015	October 12, 2015	October 12, 2015	0	A	



Annex D:

Submittals Log.



USAID WEST BANK - GAZA
Local Construction Program (LCP)
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RAS AL TAWIL & AL 'UDDEISA WATER INFRASTRUCTURE AND AL SAFI BOOSTER STATION – PHASE I - UDSI

Updated Date : October 25,2015

TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Projet	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



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

Updated Date : October 25,2015

TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Projct	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
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
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



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

Updated Date : October 25,2015

TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
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
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	SUB-14-00002-UDSI-018-C	UDSI	Pressure Differential Switch (Ashcroft) Multiple Site	Material-Mec	January 21, 2015	February 20, 2015	January 28, 2015	7	Retracted
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



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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	SUB-14-00002-UDSI-022-B	UDSI	Electromagnetic Flowmeter -MAG 3100	Material-Mec	December 10, 2014	January 9, 2015	December 23, 2014	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
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	Construction Risk Management Plan	Pre-Construction	November 17, 2014	December 17, 2014	December 2, 2014	15	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



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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
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-B	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



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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	CIA-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-Aabed 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
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



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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	Pre-Construction	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



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124	SUB-14-00002-UDSI-059-C	UDSI	Gate Valves (GV2) 6" & 8" & Actuators CLOSE-OUT	Material-Mec	June 29, 2015	July 29, 2015	cancelled by SAK	cancelled by contractor	Retracted
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
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
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



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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	PCS Technical Qualification (Profile & CV) Instrumentation, Integration and Programming	Material-Mec	January 5, 2015	February 4, 2015	January 11, 2015	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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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-B	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



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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
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	48	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-089-C	UDSI	Shop Drawings Butterfly Valve Chamber	Shop Drawing	August 13, 2015	September 12, 2015	August 24, 2015	11	A
185	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



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186	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
187	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
188	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
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	Retracted by CMC	Retracted
190	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
191	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
192	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
193	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
194	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
195	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
196	SUB-14-00002-UDSI-094-A	UDSI	Bolts, Washers & Nuts	Material-Mec	January 17, 2015	February 16, 2015	January 25, 2015	8	B
197	SUB-14-00002-UDSI-094-B	UDSI	Bolts, Washers & Nuts	Material-Mec	May 5, 2015	June 4, 2015	May 10, 2015	5	A
198	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



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199	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
200	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
201	SUB-14-00002-UDSI-096-A	UDSI	Combination Air Valve	Material-Mec	January 18, 2015	February 17, 2015	January 25, 2015	7	B
202	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
203	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
204	SUB-14-00002-UDSI-097-C	UDSI	Shop Drawings for Layout for Bani Naim Reservoir	Shop Drawing	July 27, 2015	August 26, 2015	July 28, 2015	1	A
205	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
206	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
207	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
208	SUB-14-00002-UDSI-098-D	UDSI	Shop Drawings for 80 & 150 MM GATE VALVE	Shop Drawing	July 27, 2015	August 26, 2015	July 28, 2015	1	A
209	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
210	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
211	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
212	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
213	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



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214	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
215	SUB-14-00002-UDSI-101-A	UDSI	Steel Fittings	Material-Mec	January 20, 2015	February 19, 2015	January 25, 2015	5	B
216	SUB-14-00002-UDSI-101-B	UDSI	Steel Fittings	Material-Mec	June 23, 2015	July 23, 2015	June 25, 2015	2	A
217	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
218	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
219	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
220	SUB-14-00002-UDSI-103-A	UDSI	16" & 8" Steel Pipes	Material-Mec	January 22, 2015	February 21, 2015	January 28, 2015	6	B
221	SUB-14-00002-UDSI-103-B	UDSI	16" & 8" Steel Pipes	Material-Mec	June 23, 2015	July 23, 2015	June 23, 2015	0	A
222	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
223	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
224	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
225	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
226	SUB-14-00002-UDSI-106-A	UDSI	Radiographic Testing Safety Plan	Material-Mec	January 25, 2015	February 24, 2015	January 27, 2015	2	C
227	SUB-14-00002-UDSI-106-B	UDSI	Radiographic Testing Safety Plan	Material-Mec	February 17, 2015	March 19, 2015	February 25, 2015	8	A
228	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
229	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



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230	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
231	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
232	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
233	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
234	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
235	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
236	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
237	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
238	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
239	SUB-14-00002-UDSI-111-B	UDSI	TRAFFIC PLAN FOR AL SAFI BOOSTER STATION	Traffic Control Plan	June 29, 2015	July 29, 2015	July 2, 2015	3	A
240	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
241	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
242	SUB-14-00002-UDSI-114-A	UDSI	Shop Drawing for Cathodic Protection System	Shop Drawing	February 1, 2015	March 3, 2015	February 3, 2015	2	Retracted
243	SUB-14-00002-UDSI-114-A	UDSI	Shop Drawing for Cathodic Protection System	Shop Drawing	February 5, 2015	March 7, 2015	February 17, 2015	12	Retracted
244	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



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245	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
246	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
247	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
248	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
249	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
250	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
251	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
252	SUB-14-00002-UDSI-118-A	UDSI	Pipe Heat Shrinkable Tapes	Material-Mec	February 5, 2015	March 7, 2015	February 18, 2015	13	D
253	SUB-14-00002-UDSI-118-B	UDSI	Pipe Heat Shrinkable Tapes	Material-Mec	March 8, 2015	April 7, 2015	March 9, 2015	1	B
254	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
255	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
256	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
257	SUB-14-00002-UDSI-121-A	UDSI	Updated Submittals Schedule	Updated	February 9, 2015	March 11, 2015	February 23, 2015	14	B
258	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



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259	SUB-14-00002-UDSI-123-A	UDSI	Updated Construction Risk Management Program	Updated	February 10, 2015	March 12, 2015	February 11, 2015	1	A	
260	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	
261	SUB-14-00002-UDSI-125-A	UDSI	Alternative Steel Fittings	Material-Mec	February 11, 2015	March 13, 2015	February 18, 2015	7	B	
262	SUB-14-00002-UDSI-126-A	UDSI	Alternative Check Valve	Material-Mec	February 15, 2015	March 17, 2015	February 25, 2015	10	B	
263	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	
264	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	
265	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	
266	SUB-14-00002-UDSI-129-A	UDSI	Key Personnel	Pre-Construction	February 22, 2015	March 24, 2015	February 23, 2015	1	E	
267	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	
268	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	
269	SUB-14-00002-UDSI-131-A	UDSI	Branding Implementation Strategy	Pre-Construction	February 22, 2015	March 24, 2015	March 8, 2015	14	A	
270	SUB-14-00002-UDSI-131-B	UDSI	Branding Implementation Strategy	Pre-Construction	April 21, 2015	May 21, 2015	April 22, 2015	1	A	
271	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	
272	SUB-14-00002-UDSI-133-A	UDSI	Supplementary Information of Insurances	Pre-Construction	February 26, 2015	March 28, 2015	March 4, 2015	6	E	
273	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	
274	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	



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275	SUB-14-00002-UDSI-136-A	UDSI	Shop Drawings for Yaqeen / Bani Naim Reservoir	Shop Drawing	5-Mar-2015	April 4, 2015	9-Mar	4	Retracted
276	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
277	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
278	SUB-14-00002-UDSI-138-A	UDSI	Contractor's Employee Commitment Letter	safety	March 5, 2015	April 4, 2015	March 8, 2015	3	A
279	SUB-14-00002-UDSI-139-A	UDSI	Epoxy Paint Nitocote EP405	Material-Mec	March 5, 2015	April 4, 2015	March 12, 2015	7	B
280	SUB-14-00002-UDSI-139-B	UDSI	Epoxy Paint Nitocote EP405	Material-Mec	April 21, 2015	May 21, 2015	April 22, 2015	1	A
281	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
282	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
283	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
284	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
285	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
286	SUB-14-00002-UDSI-143-B	UDSI	Flanged Flexible Expansion Joint for Al-Safi Booster station Tank Connection	Material-Mec	March 22, 2015	April 21, 2015	March 24, 2015	2	B
287	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
288	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



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289	SUB-14-00002-UDSI-145-A	UDSI	Updated Schedule - Feb 2015	Schedule	March 16, 2015	April 15, 2015	March 19, 2015	3	B
290	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
291	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
292	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
293	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
294	SUB-14-00002-UDSI-149-A	UDSI	Filter Fabric (Geotextile) Material	Material-Mec	March 26, 2015	April 25, 2015	March 26, 2015	0	A
295	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
296	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
297	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
298	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
299	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
300	SUB-14-00002-UDSI-155-A	UDSI	Filter Fabric (Geotextile)Sample	Material-Mec	April 1, 2015	May 1, 2015	April 2, 2015	1	A
301	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
302	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
303	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
304	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



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

Updated Date : October 25,2015

TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Projct	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
305	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
306	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
307	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
308	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
309	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
310	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
311	SUB-14-00002-UDSI-161-A	UDSI	Alternative Data Logger (MAG8000)	Material-Mec	April 13, 2015	May 13, 2015	April 16, 2015	3	A
312	SUB-14-00002-UDSI-162-A	UDSI	Updated Schedule - March 2015	Schedule	April 13, 2015	May 13, 2015	April 16, 2015	3	B
313	SUB-14-00002-UDSI-163-A	UDSI	Confined Space	Pre-Construction	April 13, 2015	May 13, 2015	April 14, 2015	1	A
314	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
315	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
316	SUB-14-00002-UDSI-166-A	UDSI	updated QC -Plan	Updated	April 14, 2015	May 14, 2015	April 14, 2015	0	A
317	SUB-14-00002-UDSI-167-A	UDSI	Updated Submittals Schedule	Updated	April 14, 2015	May 14, 2015	April 14, 2015	0	A
318	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
319	SUB-14-00002-UDSI-169-A	UDSI	Outline Training	OUTLINE	April 19, 2015	May 19, 2015	May 5, 2015	16	C
320	SUB-14-00002-UDSI-169-B	UDSI	Outline Training	OUTLINE	June 4, 2015	July 4, 2015	June 9, 2015	5	C



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Updated Date : October 25,2015

TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
321	SUB-14-00002-UDSI-169-C	UDSI	Outline Training	OUTLINE	September 8, 2015	October 8, 2015	September 9, 2015	1	A
322	SUB-14-00002-UDSI-170-A	UDSI	Operation and Maintenance Manuals Outline	OUTLINE	April 23, 2015	May 23, 2015	May 5, 2015	12	C
323	SUB-14-00002-UDSI-170-B	UDSI	Operation and Maintenance Manuals Outline	OUTLINE	June 4, 2015	July 4, 2015	June 9, 2015	5	B
324	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
325	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
326	SUB-14-00002-UDSI-172-A	UDSI	Indoor Junction Box	Material-Mec	April 29, 2015	May 29, 2015	May 11, 2015	12	C
327	SUB-14-00002-UDSI-172-B	UDSI	Indoor Junction Box	Material-Mec	May 17, 2015	June 16, 2015	May 26, 2015	9	D
328	SUB-14-00002-UDSI-172-C	UDSI	Indoor Junction Box- close Out	Material-Mec	July 25, 2015	August 24, 2015	July 26, 2015	1	A
329	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
330	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
331	SUB-14-00002-UDSI-174-A	UDSI	Flexible Conduit	Material-Electrical	April 30, 2015	May 30, 2015	May 11, 2015	11	C
332	SUB-14-00002-UDSI-174-B	UDSI	Flexible Conduit	Material-Electrical	July 25, 2015	August 24, 2015	July 27, 2015	2	A
333	SUB-14-00002-UDSI-175-A	UDSI	Instrumentation Cable	Material-Electrical	April 30, 2015	May 30, 2015	May 11, 2015	11	A
334	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
335	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
336	SUB-14-00002-UDSI-178-A	UDSI	Updated Schedule - April 2015	Schedule	May 11, 2015	June 10, 2015	May 12, 2015	1	B
337	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
338	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	July 7, 2015	29	B



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No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
339	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
340	SUB-14-00002-UDSI-181-A	UDSI	RT Results- Radiographic Test Reports	Test	May 17, 2015	June 16, 2015	May 18, 2015	1	B
341	SUB-14-00002-UDSI-181-B	UDSI	RT Results- Radiographic Test Reports	Test	June 11, 2015	July 11, 2015	June 22, 2015	11	A
342	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
343	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
344	SUB-14-00002-UDSI-183-A	UDSI	Welders qualification testing Report	Pre-Construction	May 19, 2015	June 18, 2015	May 25, 2015	6	C
345	SUB-14-00002-UDSI-183-B	UDSI	Welders qualification testing Report & RT Negative Films	Pre-Construction	July 12, 2015	August 11, 2015	July 12, 2015	0	A
346	SUB-14-00002-UDSI-184-A	UDSI	Alternative - Gate Valves (Raphael)	Material-Mec	May 21, 2015	June 20, 2015	May 26, 2015	5	B
347	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
348	SUB-14-00002-UDSI-186-A	UDSI	updated QC -Plan	Updated	May 28, 2015	June 27, 2015	May 28, 2015	0	A
349	SUB-14-00002-UDSI-187-A	UDSI	Anodes Installation Method Statement	Material-Mec	June 1, 2015	July 1, 2015	June 4, 2015	3	B
350	SUB-14-00002-UDSI-188-A	UDSI	Updated Schedule - May 2015	Updated	June 8, 2015	July 8, 2015	June 15, 2015	7	C
351	SUB-14-00002-UDSI-188-B	UDSI	Revised CPM Schedule as per VO# 1 - May 2015	Updated	July 26, 2015	August 25, 2015	July 27, 2015	1	B
352	SUB-14-00002-UDSI-189-A	UDSI	Updated Submittals Schedule	Updated	June 14, 2015	July 14, 2015	June 17, 2015	3	A
353	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
354	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
355	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
356	SUB-14-00002-UDSI-193-A	UDSI	CP training & qualification certificates	Material-Mec	June 24, 2015	July 24, 2015	June 25, 2015	1	E



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No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
357	SUB-14-00002-UDSI-194-A	UDSI	As Built -Al-Safi Booster Station	As Built	June 28, 2015	July 28, 2015	July 13, 2015	15	D
358	SUB-14-00002-UDSI-194-B	UDSI	As Built -Al-Safi Booster Station	As Built	August 27, 2015	September 26, 2015	September 22, 2015	26	C
359	SUB-14-00002-UDSI-194-C	UDSI	As Built -Al-Safi Booster Station	As Built	October 1, 2015	October 31, 2015	October 19, 2015	18	A
360	SUB-14-00002-UDSI-195-A	UDSI	Updated Safety Plan (Safety Tool Box & Risk Assessment & Construction Safety Check list)	Updated	July 23, 2015	August 22, 2015	July 26, 2015	3	A
361	SUB-14-00002-UDSI-196-A	UDSI	Updated Environmental Mitigation and Construction Risk Management Plan -May & June 2015	Updated	July 25, 2015	August 24, 2015	July 26, 2015	1	A
362	SUB-14-00002-UDSI-197-A	UDSI	Updated QC -Plan - (QC Submittals Log)	Updated	August 4, 2015	September 3, 2015	August 6, 2015	2	A
363	SUB-14-00002-UDSI-198-A	UDSI	Updated Revised CPM Schedule Submittal - July 31, 2015	Updated	August 6, 2015	September 5, 2015	August 13, 2015	7	B
364	SUB-14-00002-UDSI-199-A	UDSI	As Built Drawing for Transmission Pipe Line from Sta. 1+000 to Sta. 3+000	As Built	August 11, 2015	September 10, 2015	August 30, 2015	19	C
365	SUB-14-00002-UDSI-199-B	UDSI	As Built Drawing for Transmission Pipe Line from Sta. 1+000 to Sta. 3+000	As Built	October 25, 2015	November 24, 2015	October 27, 2015	2	E
366	SUB-14-00002-UDSI-200-A	UDSI	Permanent Project Signs	Post-const	August 12, 2015	September 11, 2015	August 13, 2015	1	B
367	SUB-14-00002-UDSI-201-A	UDSI	Pipeline Marking (Pipe Marker)	Post-const	August 12, 2015	September 11, 2015	August 30, 2015	18	B
368	SUB-14-00002-UDSI-202-A	UDSI	Permanent Project Signs- text	Post-const	August 16, 2015	September 15, 2015	August 19, 2015	3	E
369	SUB-14-00002-UDSI-203-A	UDSI	As Built Drawing for Transmission Pipe Line from Sta. 3+000 to to Sta. 5+580.24	As Built	August 23, 2015	September 22, 2015	September 3, 2015	11	C
370	SUB-14-00002-UDSI-203-B	UDSI	As Built Drawing for Transmission Pipe Line from Sta. 3+000 to to Sta. 5+580.24	As Built	October 25, 2015	November 24, 2015	October 27, 2015	2	E
371	SUB-14-00002-UDSI-204-A	UDSI	Preliminary Operation and Maintenance Manuals -Electromagnetic Flowmeters	O&M	August 24, 2015	September 23, 2015	September 3, 2015	10	C
372	SUB-14-00002-UDSI-204-B	UDSI	Preliminary Operation and Maintenance Manuals -Electromagnetic Flowmeters	O&M	September 20, 2015	October 20, 2015	September 29, 2015	9	A
373	SUB-14-00002-UDSI-205-A	UDSI	Preliminary Operation and Maintenance Manuals - Pressure Indicating Transmitter DS III	O&M	August 24, 2015	September 23, 2015	September 3, 2015	10	C
374	SUB-14-00002-UDSI-205-B	UDSI	Preliminary Operation and Maintenance Manuals - Pressure Indicating Transmitter DS III	O&M	September 20, 2015	October 20, 2015	September 29, 2015	9	A



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No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status	
375	SUB-14-00002-UDSI-206-A	UDSI	Preliminary Operation and Maintenance Manuals - Ratiometric Pressure Transmitter - Huba	O&M	August 26, 2015	September 25, 2015	September 3, 2015	8	C	
376	SUB-14-00002-UDSI-206-B	UDSI	Preliminary Operation and Maintenance Manuals - Ratiometric Pressure Transmitter - Huba	O&M	September 20, 2015	October 20, 2015	September 29, 2015	9	A	
377	SUB-14-00002-UDSI-207-A	UDSI	Preliminary Operation and Maintenance Manuals- Pressure Differential Switch PDSL - Ashcroft	O&M	August 26, 2015	September 25, 2015	September 3, 2015	8	C	
378	SUB-14-00002-UDSI-207-B	UDSI	Preliminary Operation and Maintenance Manuals- Pressure Differential Switch PDSL - Ashcroft	O&M	September 20, 2015	October 20, 2015	September 29, 2015	9	B	
379	SUB-14-00002-UDSI-208-A	UDSI	Pipeline Marking (Pipe Marker Sample)	Post-const	August 26, 2015	September 25, 2015	August 30, 2015	4	A	
380	SUB-14-00002-UDSI-209-A	UDSI	Preliminary Operation and Maintenance Manuals - Combination Air Valve	O&M	September 26, 2015	September 26, 2015	September 26, 2015	42,243.00	(42,243.00)	Retracted
381	SUB-14-00002-UDSI-209-A	UDSI	Preliminary Operation and Maintenance Manuals - Combination Air Valve	O&M	September 9, 2015	October 9, 2015	September 9, 2015	0	A	
382	SUB-14-00002-UDSI-210-A	UDSI	Preliminary Operation and Maintenance Manuals - Pressure Gauges	O&M	August 27, 2015	September 26, 2015	September 3, 2015	7	A	
383	SUB-14-00002-UDSI-211-A	UDSI	ROAD ASBUILT DRAWING FROM 2+100 TO 5+065	As Built	August 27, 2015	September 26, 2015	September 22, 2015	26	C	
384	SUB-14-00002-UDSI-211-B	UDSI	As Built Drawings for Asphalt Reinstatement from Sta. 2+100 TO Sta. 5+065	As Built	October 19, 2015	November 18, 2015			P	
385	SUB-14-00002-UDSI-212-A	UDSI	Preliminary Operation and Maintenance Manuals -Check Valve	O&M	August 30, 2015	September 29, 2015	September 3, 2015	4	A	
386	SUB-14-00002-UDSI-213-A	UDSI	Preliminary Operation and Maintenance Manuals -Ball Valve	O&M	August 30, 2015	September 29, 2015	September 3, 2015	4	A	
387	SUB-14-00002-UDSI-214-A	UDSI	Preliminary Operation and Maintenance Manuals -Pressure Relief Valve 73Q/ Bermad	O&M	August 30, 2015	September 29, 2015	September 3, 2015	4	D	
388	SUB-14-00002-UDSI-214-B	UDSI	Preliminary Operation and Maintenance Manuals -Pressure Relief Valve 73Q/ Bermad	O&M	September 7, 2015	October 7, 2015	September 7, 2015	0	B	
389	SUB-14-00002-UDSI-215-A	UDSI	Preliminary Operation and Maintenance Manuals - Flow Control Valves Type 770-11/Bermad	O&M	August 30, 2015	September 29, 2015	September 3, 2015	4	B	
390	SUB-14-00002-UDSI-216-A	UDSI	Preliminary Operation and Maintenance Manuals - Proportional Pressure Reducing Valve 720-PD/ Bermad	O&M	August 30, 2015	September 29, 2015	September 3, 2015	4	B	
391	SUB-14-00002-UDSI-217-A	UDSI	Preliminary Operation and Maintenance Manuals - Level Control Valves Type 750-66/Bermad	O&M	August 30, 2015	September 29, 2015	September 3, 2015	4	B	



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No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
392	SUB-14-00002-UDSI-218-A	UDSI	Preliminary Operation and Maintenance Manuals - Butterfly Valve 10", 12", 14", 16", 18" & 20"/PN 16 & 25	O&M	August 30, 2015	September 29, 2015	September 3, 2015	4	B
393	SUB-14-00002-UDSI-219-A	UDSI	Preliminary Operation and Maintenance Manuals - Expansion Joint	O&M	September 3, 2015	October 3, 2015	September 9, 2015	6	A
394	SUB-14-00002-UDSI-220-A	UDSI	Preliminary Operation and Maintenance Manuals - Gate Valve 2", 3", 4", 6" and 8"	O&M	September 3, 2015	October 3, 2015	September 9, 2015	6	A
395	SUB-14-00002-UDSI-221-A	UDSI	Preliminary Operation and Maintenance Manuals -Dismantling Joint	O&M	September 3, 2015	October 3, 2015	September 9, 2015	6	A
396	SUB-14-00002-UDSI-222-A	UDSI	Preliminary Operation and Maintenance Manuals -Mechanical Coupling	O&M	September 3, 2015	October 3, 2015	September 9, 2015	6	A
397	SUB-14-00002-UDSI-223-A	UDSI	Installation Instructions & reference electrode for CP System	Material-Mec	September 5, 2015	October 5, 2015	September 9, 2015	4	C
398	SUB-14-00002-UDSI-223-B	UDSI	Installation Instructions & reference electrode for CP System	Material-Mec	September 21, 2015	October 21, 2015	September 22, 2015	1	B
399	SUB-14-00002-UDSI-224-A	UDSI	Preliminary Operation and Maintenance Manuals - Cathodic Protection System	O&M	September 6, 2015	October 6, 2015	September 29, 2015	23	C
400	SUB-14-00002-UDSI-224-B	UDSI	Preliminary Operation and Maintenance Manuals - Cathodic Protection System	O&M	not submitted	#VALUE!		#VALUE!	Retracted
401	SUB-14-00002-UDSI-224-B	UDSI	Preliminary Operation and Maintenance Manuals - Cathodic Protection System	O&M	October 12, 2015	November 11, 2015	October 19, 2015	7	A
402	SUB-14-00002-UDSI-225-A	UDSI	As Built Drawing for Transmission Pipe Line from Sta. 1+000 to to Sta. 5+580.24	As Built	September 7, 2015	October 7, 2015	October 6, 2015	29	C
403	SUB-14-00002-UDSI-225-B	UDSI	As Built Drawing for Ras Al-Taweel Transmission Pipe Line with associated chambers	As Built	October 19, 2015	November 18, 2015			P
404	SUB-14-00002-UDSI-226-A	UDSI	Revised Original CPM Schedule As per VO 02 - Aug 31, 2015	Updated	September 13, 2015	October 13, 2015	September 15, 2015	2	B
405	SUB-14-00002-UDSI-227-A	UDSI	Tag for Butterfly & Gate Valves	sample	September 14, 2015	October 14, 2015	September 14, 2015	0	A
406	SUB-14-00002-UDSI-228-A	UDSI	As Built for Mechanical Chambers	As Built	September 16, 2015	October 16, 2015	October 6, 2015	20	C
407	SUB-14-00002-UDSI-228-B	UDSI	As Built for Mechanical Chambers	As Built	October 25, 2015	November 24, 2015	October 27, 2015	2	E
408	SUB-14-00002-UDSI-229-A	UDSI	Instrument Training - Material with Trainer CV for Task Order No: AID-294-TO-14-00002	Training	September 16, 2015	October 16, 2015	September 29, 2015	13	A
409	SUB-14-00002-UDSI-230-A	UDSI	Training Material with trainer CV	Training	September 21, 2015	October 21, 2015	September 21, 2015	0	A



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No.	Submittal No.	Projet	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
410	SUB-14-00002-UDSI-231-A	UDSI	Updated Revised Original CPM Schedule September 30, 2015	Updated	October 5, 2015	November 4, 2015	October 19, 2015	14	B
411	SUB-14-00002-UDSI-232-A	UDSI	Final O& M Manuals	O&M	October 25, 2015	November 24, 2015			P
412	SUB-14-00002-UDSI-233-A	UDSI	Training Submittal	Training	October 29, 2015	November 28, 2015	October 29, 2015	0	A



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QC SUBMITTALS LOG								
No.	Submittal No.	Project	Description	Submittal Classification	Submitted 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	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	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	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	February 25, 2015	0	A
5	TEST-14-00002-UDSI-005-A	UDSI	Test Recoort # BM-CT-15343-Concrete Comoressive Strength - Walls of Bani Naim Reservoir Service Connection Chamber - 7 Days	Concrete	March 3, 2015	March 3, 2015	0	A
6	TEST-14-00002-UDSI-006-A	UDSI	Test Recoort # BM/CT/15351-Concrete Comoressive Strength - Top Slab of Bani Naim Reservoir Service Connection Chamber - 7 Days	Concrete	March 3, 2015	March 3, 2015	0	A
7	TEST-14-00002-UDSI-007-A	UDSI	Test Recoort # BM/CT/15359-Concrete Comoressive Strength - Foundations of Butterfly Valve Chambers (DN300) and (DN400)/ Al Safi Booster Station- 7 Days	Concrete	March 3, 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	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	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	March 9, 2015	0	A



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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	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	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	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	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	March 15, 2015	0	A
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	March 17, 2015	0	A
17	TEST-14-00002-UDSI-017-A	UDSI	Test Recoort # BM/CT/15351-Concrete Compressive Strength - Top Slab of Bani Nairn Reservoir Service Connection Chamber - 28 Days	Concrete	March 17, 2015	March 17, 2015	0	A
18	TEST-14-00002-UDSI-018-A	UDSI	Test Recoort Concrete Compressive Strength - Walls of Bani Nairn Reservoir Service Connection Chamber # BM-CT-15343-- 28 Days	Concrete	March 17, 2015	March 17, 2015	0	A
19	TEST-14-00002-UDSI-019-A	UDSI	Test Recoort # BM/CT/15359-Concrete Compressive Strength - Foundations of Butterfly Valve Chambers (DN300) and (DN400)/ Al Safi Booster Station- 28 Days	Concrete	April 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	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	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 400mmYatta Junction) - Report # BM/CT/15393 - 28 Days	Concrete	April 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	April 7, 2015	1	A



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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	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	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	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	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	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	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	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	April 21, 2015	2	A
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	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	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	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	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	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	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	April 23, 2015	0	A



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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	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	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	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	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	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	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	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	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	May 10, 2015	0	A
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	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	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	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	May 13, 2015	1	A
52	TEST-14-00002-UDSI-052-A	UDSI	Test Report - Concrete Compressive Strength (Base of the Butterfly Valve Chamber I Diameter 500mm at Station (1+017)) - Report # BM/CT/15626 -28 Days	Concrete	May 17, 2015	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	May 18, 2015	1	A



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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	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	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	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	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	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	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	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	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	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	May 18, 2015	1	A
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	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	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	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	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	May 31, 2015	0	A



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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	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	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	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	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	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	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	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	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	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	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	June 14, 2015	0	A
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	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	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	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	June 17, 2015	0	A



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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	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	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	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	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	June 21, 2015	0	A
89	TEST-14-00002-UDSI-089-A	UDSI	RT Results- Radiographic Test Report	RT	June 21, 2015	June 22, 2015	1	C
90	TEST-14-00002-UDSI-089-B	UDSI	RT Native Films- Radiographic Test Report	RT	July 12, 2015	July 12, 2015	0	A
91	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	June 25, 2015	0	A
92	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	June 25, 2015	0	A
93	TEST-14-00002-UDSI-092-A	UDSI	Test Report - Concrete Compressive Strength -Slab of Flow Monotoring Chamber At Station (2+510). - Report # BM/CT/15749-28 Days	Concrete	June 25, 2015	June 25, 2015	0	A
94	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	June 25, 2015	0	A
95	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	June 25, 2015	0	A
96	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	June 29, 2015	1	A
97	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	June 29, 2015	1	A



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98	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	June 29, 2015	1	A
99	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	June 29, 2015	1	A
100	TEST-14-00002-UDSI-099-A	UDSI	Test Report - Density of Soil In-Place - Base Course/Trench Lines/Ras Al Tawil & Al 'Uddeisa Road Between Stations (2+100 & 3+850))- Report # ST/FD/15419	Density	July 5, 2015	July 7, 2015	2	A
101	TEST-14-00002-UDSI-100-A	UDSI	Test Report - Density of Soil In-Place -Fill Materials /Below Base Course Layer/Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+980 & 4+050))- Report # ST/FD/15420	Density	July 5, 2015	July 7, 2015	2	A
102	TEST-14-00002-UDSI-101-A	UDSI	Test Report - Density of Soil In-Place -Sub-Grade Materials/Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+850 & 4+400))- Report # ST/FD/15407	Density	July 5, 2015	July 7, 2015	2	A
103	TEST-14-00002-UDSI-102-A	UDSI	Test Report - Soil and Soil Aggregate Materials Testing Report -Sub-Grade Materials /- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+850 to 4+400) -Report # ST/15330	soil	July 5, 2015	July 7, 2015	2	A
104	TEST-14-00002-UDSI-103-A	UDSI	Test Report - Soil and Soil Aggregate Materials Testing Report -Base Course /Loose Sample- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+100 to 3+600) - Report # ST/15333	soil	July 5, 2015	July 7, 2015	2	A
105	TEST-14-00002-UDSI-104-A	UDSI	Chemical Test Report - Chlorination and Bacteriological Test Reports / 6" Steel Pipeline from STA: 0+960 to STA: 2+367	Disinfection	July 6, 2015	July 7, 2015	1	A
106	TEST-14-00002-UDSI-105-A	UDSI	Test Report - Soil and Soil Aggregate Materials Testing Report -Base Course - Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations Sta. 0+960 with Sta.0+955 -Report # ST/15339	soil	July 6, 2015	July 7, 2015	1	A
107	TEST-14-00002-UDSI-106-A	UDSI	Test Report - Soil and Soil Aggregate Materials Testing Report -Fill Materials /Loose Sample - Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+980 to 4+050)- Report # ST/15338	soil	July 6, 2015	July 7, 2015	1	A
108	TEST-14-00002-UDSI-107-A	UDSI	Test Report - Concrete Compressive Strength -Slab of Flow Monitoring Chamber At Station (5+562).- Report # BM/CT/15891-7 Days	Concrete	July 7, 2015	July 7, 2015	0	A
109	TEST-14-00002-UDSI-108-A	UDSI	Test Report - Concrete Compressive Strength -Footing of Monhole At Station (5+557)- Report # BM/CT/15897-7 Days	Concrete	July 7, 2015	July 7, 2015	0	A
110	TEST-14-00002-UDSI-109-A	UDSI	Test Report - Prime Coat Spreading Rate - Prime Coat Applied on Compacted Base Course Layer.- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (2+100 to 2+975) - Report # AS/15208	Asphalt	July 7, 2015	July 7, 2015	0	A
111	TEST-14-00002-UDSI-110-A	UDSI	Test Report - Density of Soil In-Place -Sub-Grade Materials/Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (4+400 & 4+550)- Report # ST/FD/15435	Density	July 13, 2015	July 14, 2015	1	A



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

Updated Date :October 25, 2015

QC SUBMITTALS LOG								
112	TEST-14-00002-UDSI-111-A	UDSI	Test Report - Density of Soil In-Place -Base Course /Trench Lines/Ras Al Tawil & Al 'Uddeisa Road Between Stations (3+850 to 4+050)- Report # ST/FD/15440	Density	July 13, 2015	July 14, 2015	1	A
113	TEST-14-00002-UDSI-112-A	UDSI	Test Report - Density of Soil In-Place -Base Course / Trench Lines /Ras Al Tawil & Al 'Uddeisa Road Between Stations (4+050 to 4+350)- Report # ST/FD/15443	Density	July 13, 2015	July 14, 2015	1	A
114	TEST-14-00002-UDSI-113-A	UDSI	Chemical Test Report - Chlorination and Bacteriological Test Reports / 6" Steel Pipeline from STA: 3+238 to STA: 4+820	Disinfection	July 13, 2015	July 14, 2015	1	A
115	TEST-14-00002-UDSI-114-A	UDSI	Test Report - Concrete Compressive Strength -Walls of Flow Monitoring At Station (5+562).- Report # BM/CT/15875-7 Days	Concrete	July 13, 2015	July 14, 2015	1	A
116	TEST-14-00002-UDSI-115-A	UDSI	Test Report - Concrete Compressive Strength -Footing Flow Monitoring Champer At Station (5+568).- Report # BM/CT/15854-28Days	Concrete	July 14, 2015	July 14, 2015	0	A
117	TEST-14-00002-UDSI-116-A	UDSI	Test Report - Concrete Compressive Strength -Wall of the BFV /(14") At Station (5+557).- Report # BM/CT/15903-7 Days	Concrete	July 14, 2015	July 14, 2015	0	A
118	TEST-14-00002-UDSI-117-A	UDSI	Test Report - Concrete Compressive Strength -Top Slab of the BFV At Station (5+557) & Foundation of BFV At Station (5+115).- Report # BM/CT/15918-7 Days	Concrete	July 14, 2015	July 14, 2015	0	A
119	TEST-14-00002-UDSI-118-A	UDSI	Test Report - Concrete Compressive Strength - Top Slab of BFV At Station (2+513).- Report # BM/CT/15770 -28 Days	Concrete	July 21, 2015	July 21, 2015	0	A
120	TEST-14-00002-UDSI-119-A	UDSI	Soil and Soil aggregate materials testing report -base course-Ras Al Tawil & Al Uddaisa main pipe line between Stations (St.4+100-St.4+600)-Report #ST/15349	Soil	July 21, 2015	July 21, 2015	0	A
121	TEST-14-00002-UDSI-120-A	UDSI	Test Report & Re-test Report - Bituminous Paving - Thickness and Compaction-Wearing Course Layer I Size (3/4")- Al 'Uddeisa Main Pipeline Between Stations (2+100 to 2+975) - Report # AS/COR/15093 & Report # AS/COR/15095	COR	July 21, 2015	July 21, 2015	0	A
122	TEST-14-00002-UDSI-121-A	UDSI	Test Report - Concrete Compressive Strength - Top Slab of the Manhole FV At Station (5+ 115) Foundation Emergency At Station (4+820)- Report # BM/CT/15950 -7 Days	Concrete	July 22, 2015	July 22, 2015	0	A
123	TEST-14-00002-UDSI-122-A	UDSI	Test Report - Density of Soil In-Place -Subgrade /Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (4+550 & 4+650) - Report # ST/FD/15446	Density	July 22, 2015	July 22, 2015	0	A
124	TEST-14-00002-UDSI-123-A	UDSI	Test Report - Soil and Soil Aggregate Materials Testing Report -Sub - Grade Materials/Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (4+400 to 4+550) -Report # ST/15352	soil	July 22, 2015	July 22, 2015	0	A
125	TEST-14-00002-UDSI-124-A	UDSI	Test Report - Soil and Soil Aggregate Materials Testing Report -Sub - Grade Materials/Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (4+550 to 4+650) -Report # ST/15361	soil	July 22, 2015	July 22, 2015	0	A



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

Updated Date :October 25, 2015

QC SUBMITTALS LOG								
126	TEST-14-00002-UDSI-125-A	UDSI	Test Report -Bituminous Paving Mixture Report - Size 3/4" -Al 'Uddeisa Main Pipeline Between Stations (2+100 to 2+550) - Report # AS/TBM/15209	Bitomin	July 22, 2015	July 22, 2015	0	A
127	TEST-14-00002-UDSI-126-A	UDSI	Test Report - Concrete Compressive Strength -Walls of Flow Monitoring At Station (5+562).- Report # BM/CT/15875-28 Days	Concrete	July 23, 2015	July 25, 2015	2	A
128	TEST-14-00002-UDSI-127-A	UDSI	Test Report - Concrete Compressive Strength -Wall of Emergency Manhole At Station (4+820) L.H.S.- Report # BM/CT/15958-7 Days	Concrete	July 23, 2015	July 25, 2015	2	A
129	TEST-14-00002-UDSI-128-A	UDSI	Test Report - Concrete Compressive Strength -Slab of Flow Monitoring Chamber At Station (5+562).- Report # BM/CT/15891-28 Days	Concrete	July 23, 2015	July 25, 2015	2	A
130	TEST-14-00002-UDSI-129-A	UDSI	Test Report - Concrete Compressive Strength -Footing of Monhole At Station (5+557)- Report # BM/CT/15897-28 Days	Concrete	July 23, 2015	July 25, 2015	2	A
131	TEST-14-00002-UDSI-130-A	UDSI	Test Report - Concrete Compressive Strength -Walls of the Manhole BFV At Station (5+ 115) L.H.S - Report # BM/CT/15936- 7 Days	Concrete	July 23, 2015	July 25, 2015	2	A
132	TEST-14-00002-UDSI-131-A	UDSI	Test Report -Bituminous Paving Mixture Report - Size 3/4" -Al 'Uddeisa Main Pipeline Between Stations (2+550 to 2+975) - Report # AS/TBM/15210	Bitomin	July 29, 2015	July 29, 2015	0	A
133	TEST-14-00002-UDSI-132-A	UDSI	Test Report -Bituminous Paving Mixture Report - Size 3/4" -Al 'Uddeisa Main Pipeline Between Stations (2+975 to 3+400) - Report # AS/TBM/15217	Bitomin	July 29, 2015	July 29, 2015	0	A
134	TEST-14-00002-UDSI-133-A	UDSI	Test Report -Bituminous Paving Mixture Report - Size 3/4" -Al 'Uddeisa Main Pipeline Between Stations (3+436 to 3+800)- Report # AS/TBM/15218	Bitomin	July 29, 2015	July 29, 2015	0	A
135	TEST-14-00002-UDSI-134-A	UDSI	Test Report - Concrete Compressive Strength -Top Slab of the BFV At Station (5+557) & Foundation of BFV At Station (5+115).- Report # BM/CT/15918- 28Days	Concrete	August 3, 2015	August 5, 2015	2	A
136	TEST-14-00002-UDSI-135-A	UDSI	Test Report - Density of Soil In-Place -Base Course /Ras Al Tawil & Al 'Uddeisa Road Between Stations (4+350 to 4+500) - Report # ST /FD/15465	Density	August 3, 2015	August 5, 2015	2	A
137	TEST-14-00002-UDSI-136-A	UDSI	Test Report - Density of Soil In-Place -Base Course /Ras Al Tawil & Al 'Uddeisa Road Between Stations (4+500 to 4+820) - Report # ST /FD/15478	Density	August 3, 2015	August 5, 2015	2	A
138	TEST-14-00002-UDSI-137-A	UDSI	Soil and Soil aggregate materials testing report –base course-Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (4+600 to 5+100)-Report #ST/15377	Soil	August 3, 2015	August 5, 2015	2	A
139	TEST-14-00002-UDSI-138-A	UDSI	Test Report - Prime Coat Spreading Rate - Prime Coat Applied on Compacted Base Course Layer-Wearing Course 3/4".- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (3+800 to 4+380) - Report # AS/15234	Bitomin	August 3, 2015	August 5, 2015	2	A



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

Updated Date :October 25, 2015

QC SUBMITTALS LOG								
140	TEST-14-00002-UDSI-139-A	UDSI	Test Report -Bituminous Paving Mixture Report - Size 3/4" -Al 'Uddeisa Main Pipeline Between Stations (3+800 to 4+380) - Report # AS/15238	Bitomin	August 3, 2015	August 5, 2015	2	A
141	TEST-14-00002-UDSI-140-A	UDSI	Test Report & Re-test Report - Bituminous Paving - Thickness and Compaction-Wearing Course Layer / Size (3/4")- Al 'Uddeisa Main Pipeline Between Stations (2+975 to 3+800)- Report # AS/COR/15094 & Report # AS/COR/15102	COR	August 10, 2015	August 12, 2015	2	A
142	TEST-14-00002-UDSI-141-A	UDSI	Test Report - Concrete Compressive Strength - Top Slab of the Manhole FV At Station (5+ 115) Foundation Emergency At Station (4+820)- Report # BM/CT/15950 -28 Days	Concrete	August 12, 2015	August 12, 2015	0	A
143	TEST-14-00002-UDSI-142-A	UDSI	Test Report - Density of Soil In-Place -Base Course /Ras Al Tawil & Al 'Uddeisa Road Between Stations (5+065 to 5+580) /Trench - Report # ST/FD/15488	Density	August 12, 2015	August 12, 2015	0	A
144	TEST-14-00002-UDSI-143-A	UDSI	Test Report -Bituminous Paving Mixture Report - Size 3/4" -Al 'Uddeisa Main Pipeline Between Stations (4+370 to 4+640)- Report # AS/TBM/15254	Bitomin	August 12, 2015	August 12, 2015	0	A
145	TEST-14-00002-UDSI-144-A	UDSI	Test Report & Re-test Report - Bituminous Paving - Thickness and Compaction-Wearing Course Layer / Size (3/4")- Al 'Uddeisa Main Pipeline Between Stations (3+800 to 4+380)- Report # AS/COR/15101	Bitomin	August 12, 2015	August 12, 2015	0	A
146	TEST-14-00002-UDSI-145-A	UDSI	Test Report - Concrete Compressive Strength -Wall of Emergency Manhole At Station (4+820) L.H.S - Report # BM/CT/15958- 28 Days	Concrete	August 13, 2015	August 15, 2015	2	A
147	TEST-14-00002-UDSI-146-A	UDSI	Test Report -Bituminous Paving Mixture Report - Size 3/4" -Al 'Uddeisa Main Pipeline Between Stations (1+900 to 2+100) - Report # AS/15261	Bitomin	August 17, 2015	August 17, 2015	0	A
148	TEST-14-00002-UDSI-147-A	UDSI	Test Report -Bituminous Paving Mixture Report - Size 3/4" -Al 'Uddeisa Main Pipeline Between Stations (1+900 to 2+100)- Report # AS/TBM/15263	Bitomin	August 17, 2015	August 17, 2015	0	A
149	TEST-14-00002-UDSI-148-A	UDSI	Test Report - Concrete Compressive Strength -Wall of the BFV /(14") At Station (5+557).- Report # BM/CT/15903-28 Days	Concrete	August 15, 2015	August 15, 2015	0	A
150	TEST-14-00002-UDSI-149-A	UDSI	Test Report - Concrete Compressive Strength -Walls of the Manhole BFV At Station (5+ 115) L.H.S - Report # BM/CT/15936- 28 Days	Concrete	August 15, 2015	August 15, 2015	0	A
151	TEST-14-00002-UDSI-150-A	UDSI	Test Report - Concrete Compressive Strength -Top Slab of Al 'Uddesa Emergency At Station (4+820) LHS - Report # BM/CT/15980- 7 Days	Concrete	August 15, 2015	August 15, 2015	0	A
152	TEST-14-00002-UDSI-151-A	UDSI	Test Report - Density of Soil In-Place -Base Course /Ras Al Tawil & Al 'Uddeisa Road Between Stations (4+820 to 5+065) /Trench - Report # ST/FD/15479	Density	August 15, 2015	August 15, 2015	0	A
153	TEST-14-00002-UDSI-152-A	UDSI	Test Report - Bituminous Paving - Thickness and Compaction- Wearing Course Layer / Size (3/4")- Al 'Uddeisa Main Pipeline Between Stations (4+370 to 4+640) Report # AS/COR/15116	COR	August 15, 2015	August 15, 2015	0	A



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

Updated Date :October 25, 2015

QC SUBMITTALS LOG								
154	TEST-14-00002-UDSI-153-A	UDSI	Test Report - Density of Soil In-Place -Base Course /Ras Al Tawil & Al 'Uddeisa Road Between Stations (4+800 to 5+065) - Report # ST/FD/15504	Soil	August 18, 2015	August 18, 2015	0	A
155	TEST-14-00002-UDSI-154-A	UDSI	Test Report - Soil and Soil Aggregate Materials Testing Report -Sub - Grade Materials/Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (4+820 to 5+065) -Report # ST/15380	Soil	August 18, 2015	August 18, 2015	0	A
156	TEST-14-00002-UDSI-155-A	UDSI	Test Report -Bituminous Paving Mixture Report - Size 3/4" -Al 'Uddeisa Main Pipeline Between Stations (1+300 to 1+900)- Report # AS/TBM/15271	Bitomin	August 18, 2015	August 18, 2015	0	A
157	TEST-14-00002-UDSI-156-A	UDSI	Test Report -Bituminous Paving Mixture Report - Size 3/4" - Al 'Uddeisa Main Pipeline Between Stations {0+955 to 1+300) - Report # AS/TBM/15273	Bitomin	August 18, 2015	August 18, 2015	0	A
158	TEST-14-00002-UDSI-157-A	UDSI	Chemical Test Report - Chlorination and Bacteriological Test Reports / 6" Steel Pipeline from STA: 4+820 to STA: 5+543	Disinfection	August 20, 2015	August 20, 2015	0	A
159	TEST-14-00002-UDSI-158-A	UDSI	Test Report -Bituminous Paving Mixture Report - Size 3/4" - Al 'Uddeisa Main Pipeline Between Stations (1 +440 & 1 +660)- Report # AS/TBM/15136	Bitomin	August 20, 2015	August 20, 2015	0	A
160	TEST-14-00002-UDSI-159-A	UDSI	Test Report - Concrete Compressive Strength -Top Slab of Al 'Uddiesa Emergency At Station (4+820) LHS - Report # BM/CT/15980- 28 Days	Concrete	August 27, 2015	August 31, 2015	4	A
161	TEST-14-00002-UDSI-160-A	UDSI	Test Report - Bituminous Paving - Thickness and Compaction- Wearing Course Layer / Size (3/4")- Ras Al Tawil & Al 'Uddeisa Main Pipeline Between Stations (0+957 to 2+100) / Trench PipelineReport # AS/COR/15122 & AS/COR/15123	COR	August 27, 2015	August 31, 2015	4	A
162	TEST-14-00002-UDSI-161-A	UDSI	Chemical Test Report - Chlorination and Bacteriological Test Reports / 20" pipe line from STA: 1+000 to STA: 5+580	Disinfection	September 5, 2015	September 6, 2015	1	A
163	TEST-14-00002-UDSI-162-A	UDSI	Chemical Test Report - Chlorination and Bacteriological Test Reports / Al-Safi Booster station Connection	Disinfection	September 5, 2015	September 6, 2015	1	A
164	TEST-14-00002-UDSI-163-A	UDSI	Chemical Test Report - Chlorination and Bacteriological Test Reports / Bani Naim Reservoir Services Connection Chambers	Disinfection	September 5, 2015	September 6, 2015	1	A
165	TEST-14-00002-UDSI-164-A	UDSI	Chemical Test Report - Chlorination and Bacteriological Test Reports /Yaqeen/Bani Naim Connection (BNR) Flow Monitoring & Valve Assembly	Disinfection	September 5, 2015	September 6, 2015	1	A
166	TEST-14-00002-UDSI-165-A	UDSI	Test Report -Bituminous Paving Mixture Report - Size 3/4" -Al 'Uddeisa Main Pipeline Between Stations (4+640 to 5+065)- Report # AS/TBM/15281	Bitomin	September 7, 2015	September 9, 2015	2	A
167	TEST-14-00002-UDSI-166-A	UDSI	Chemical Test Report - Chlorination and Bacteriological Test Reports / Existing 500 mm DIP pipeline from Halhol Reservoir to Connection Point 5+580	Disinfection	September 9, 2015	September 14, 2015	5	A
168	TEST-14-00002-UDSI-167-A	UDSI	Test Report - Bituminous Paving - Thickness and Compaction- Al 'Uddeisa Main Pipeline Between Stations (4+640 to 5+065) Report # AS/COR/15139	COR	September 9, 2015	September 14, 2015	5	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 AI Safi
Booster Station - Phase I Pipeline Connection

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

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



Annex F:

Payments Log



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



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

Updated Date October 31, 2015

PROGRESS PAYMENT LOG										
No.	Payment No.	TO No.	Invoiced Amount	Cumulative Amount	Task Order Amount	Remaining Amount	Date Submitted to BV	Date Sent to USAID	Review Period (Work Days)	COR
1	Pay-14-000002-UDSI-001	14-00002	\$ 161,632.00	\$ 161,632.00	\$ 4,462,836.00	\$ 4,301,204.00	December 29, 2014	January 5, 2015	7	Kamal Kasbary
2	Pay-14-000002-UDSI-002	14-00002	\$ 175,000.00	\$ 336,632.00	\$ 4,462,836.00	\$ 4,126,204.00	March 3, 2015	March 4, 2015	1	Kamal Kasbary
3	Pay-14-000002-UDSI-003	14-00002	\$ 161,276.80	\$ 497,908.80	\$ 4,462,836.00	\$ 3,964,927.20	April 8, 2015	April 8, 2015	0	Kamal Kasbary
4	Pay-14-000002-UDSI-004	14-00002	\$ 441,881.60	\$ 939,790.40	\$ 4,462,836.00	\$ 3,523,045.60	May 3, 2015	May 6, 2015	3	Kamal Kasbary
5	Pay-14-000002-UDSI-005	14-00002	\$ 585,998.87	\$ 1,525,789.27	\$ 4,462,836.00	\$ 2,937,046.73	May 19, 2015	May 20, 2015	1	Kamal Kasbary
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
7	Pay-14-000002-UDSI-007	14-00002	\$ 710,664.92	\$ 2,904,111.41	\$ 4,462,836.00	\$ 1,558,724.59	July 12, 2015	July 14, 2015	2	Kamal Kasbary
8	Pay-14-000002-UDSI-008	14-00002	\$ 814,733.12	\$ 3,718,844.53	\$ 4,462,836.00	\$ 743,991.47	August 17, 2015	August 20, 2015	3	Kamal Kasbary
9	Pay-14-000002-UDSI-009	14-00002	\$ 462,108.39	\$ 4,180,952.92	\$ 4,462,836.00	\$ 281,883.08	September 2, 2015	September 8, 2015	6	Kamal Kasbary
10	Pay-14-000002-UDSI-010	14-00002	\$ 204,915.91	\$ 4,385,868.83	\$ 4,462,836.00	\$ 76,967.17	October 12, 2015	October 19, 2015	7	Kamal Kasbary



Annex G:

Transmittal Log



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



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

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

Updated Date: October 31, 2015

OUTGOING EMAILS LOG

No.	DCN No.	Subject	From : Organization	To : Organization	Sent Date
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
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



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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: October 31, 2015

OUTGOING EMAILS LOG

No.	DCN No.	Subject	From : Organization	To : Organization	Sent Date
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
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



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

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OUTGOING EMAILS LOG

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



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

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OUTGOING EMAILS LOG

No.	DCN No.	Subject	From : Organization	To : Organization	Sent Date
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
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



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OUTGOING EMAILS LOG

No.	DCN No.	Subject	From : Organization	To : Organization	Sent Date
191	Email-14-02-SAK-OUT-0191	Geo-MIS -August, 2015	SAK	BV	September 5, 2015
192	Email-14-02-SAK-OUT-0192	Monthly Progress Report - August 2015	SAK	USAID	September 5, 2015
193	Email-14-02-SAK-OUT-0193	Donation No. (8234)	SAK	USAID	September 8, 2015
194	Email-14-02-SAK-OUT-0194	DIP Pipe Disinfection from Halhoul to ST. 5+597	SAK	BV	September 10, 2015
195	Email-14-02-SAK-OUT-0195	Comments on Contactor's Monthly Progress Report _ July 2015	SAK	USAID	September 16, 2015
196	Email-14-02-SAK-OUT-0196	Control valves training	SAK	BV	September 17, 2015
197	Email-14-02-SAK-OUT-0197	SCADA Works	SAK	BV	September 20, 2015
198	Email-14-02-SAK-OUT-0198	Task Order Completion and Handover	SAK	BV	September 21, 2015
199	Email-14-02-SAK-OUT-0199	Training Schedule	SAK	BV	September 21, 2015
200	Email-14-02-SAK-OUT-0200	pre-commissioning (Pipeline & Al-Safi Booster Station)	SAK	BV	September 22, 2015
201	Email-14-02-SAK-OUT-0201	Commissioning (Ras Al Taweel & Uddeisa Pipeline and Al-Safi Booster Station)	SAK	BV	September 29, 2015
202	Email-14-02-SAK-OUT-0202	20" Pipeline (Commissioning and Startup)	SAK	PWA	October 1, 2015
203	Email-14-02-SAK-OUT-0203	20" Pipeline (Commissioning and Startup)	SAK	PWA	October 3, 2015
204	Email-14-02-SAK-OUT-0204	SCADA Training	SAK	BV	October 3, 2015
205	Email-14-02-SAK-OUT-0205	GSM/GPRS subscription	SAK	BV	October 4, 2015
206	Email-14-02-SAK-OUT-0206	Geo-MIS -September, 2015	SAK	BV	October 5, 2015
207	Email-14-02-SAK-OUT-0207	Monthly Progress Report -September 2015	SAK	USAID	October 5, 2015
208	Email-14-02-SAK-OUT-0208	SCADA Training	SAK	BV	October 6, 2015
209	Email-14-02-SAK-OUT-0209	SCADA Training	SAK	BV	October 7, 2015



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 Booster Station - Phase I Pipeline Connection**

Updated Date: October 31, 2015

OUTGOING EMAILS LOG

No.	DCN No.	Subject	From : Organization	To : Organization	Sent Date
210	Email-14-02-SAK-OUT-0210	Cathodic protection system testing	SAK	BV	October 7, 2015
211	Email-14-02-SAK-OUT-0211	GSM/GPRS subscription	SAK	BV	October 7, 2015
212	Email-14-02-SAK-OUT-0212	SCADA Training	SAK	BV	October 8, 2015
213	Email-14-02-SAK-OUT-0213	Al Safi Booster Station Connection	SAK	BV	October 15, 2015
214	Email-14-02-SAK-OUT-0214	Al Safi Booster Station Connection	SAK	BV	October 18, 2015
215	Email-14-02-SAK-OUT-0215	Training	SAK	BV	October 19, 2015
216	Email-14-02-SAK-OUT-0216	Comments on Contactor's Monthly Progress Report _ September 2015	SAK	USAID	October 20, 2015
217	Email-14-02-SAK-OUT-0217	Final Punch List Update.	SAK	BV	October 20, 2015
218	Email-14-02-SAK-OUT-0218	Unclosed submittals	SAK	BV	October 21, 2015
219	Email-14-02-SAK-OUT-0219	Training conducted submittal	SAK	BV	October 21, 2015
220	Email-14-02-SAK-OUT-0220	Release Letters	SAK	BV	October 25, 2015
221	Email-14-02-SAK-OUT-0221	Comments on Contactor's Monthly Progress Report _ September 2015	SAK	BV	October 26, 2015
222	Email-14-02-SAK-OUT-0222	Transmittals From Contractor	SAK	BV	October 26, 2015



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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



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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



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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



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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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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



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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 : October 31, 2015

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
83	Email-14-02-SAK-IN-0083	Contractor's Monthly Progress Report _April 2015		USAID	SAK	June 3, 2015
84	Email-14-02-SAK-IN-0084	Draft MOM No. 013		BV	SAK	June 4, 2015
85	Email-14-02-SAK-IN-0085	Cathodic Protection System		BV	SAK	June 7, 2015
86	Email-14-02-SAK-IN-0086	Yaqeen/Bani Naim Reservoir		PWA	SAK	June 7, 2015
87	Email-14-02-SAK-IN-0087	Contractor's Monthly Progress Report _April 2015		USAID	SAK	June 8, 2015
88	Email-14-02-SAK-IN-0088	(Partial Payment Request)		USAID	SAK	June 9, 2015
89	Email-14-02-SAK-IN-0089	Contractor's Work Plan during Ramadan Month.		BV	SAK	June 9, 2015
90	Email-14-02-SAK-IN-0090	(Completion the installation of all pipeline)		USAID	SAK	June 11, 2015
91	Email-14-02-SAK-IN-0091	Progress Meeting Agenda No. 014		BV	SAK	June 14, 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**

Updated Date : October 31, 2015

INCOMING EMAILS LOG						
No.	DCN No.	Subject	From	Organization	To Organization	Received Date
92	Email-14-02-SAK-IN-0092	Progress Meeting Agenda No. 014		BV	SAK	June 14, 2015
93	Email-14-02-SAK-IN-0093	Yaqeen/Bani Naim Reservoir		BV	SAK	June 15, 2015
94	Email-14-02-SAK-IN-0094	Yaqeen/Bani Naim Reservoir		BV	SAK	June 15, 2015
95	Email-14-02-SAK-IN-0095	Yaqeen/Bani Naim Reservoir		BV	SAK	June 15, 2015
96	Email-14-02-SAK-IN-0096	Communication cable		BV	SAK	June 17, 2015
97	Email-14-02-SAK-IN-0097	Draft MOM No. 014		BV	SAK	June 18, 2015
98	Email-14-02-SAK-IN-0098	Road width and others		BV	SAK	June 21, 2015
99	Email-14-02-SAK-IN-0099	Final MOM No. 014		BV	SAK	June 22, 2015
100	Email-14-02-SAK-IN-0100	Road width and others		BV	SAK	June 23, 2015
101	Email-14-02-SAK-IN-0101	Closing out the Submittals with Code C and D		BV	SAK	June 23, 2015
102	Email-14-02-SAK-IN-0102	Unclosed Correspondences		BV	SAK	June 23, 2015
103	Email-14-02-SAK-IN-0103	Pressure Gauges calibration certificate		BV	SAK	June 23, 2015
104	Email-14-02-SAK-IN-0104	PAL TEL Poles Damaged.		BV	SAK	June 23, 2015
105	Email-14-02-SAK-IN-0105	Cathodic protection system testing		BV	SAK	June 23, 2015
106	Email-14-02-SAK-IN-0106	PAL TEL Poles Damaged.		BV	SAK	June 23, 2015
107	Email-14-02-SAK-IN-0107	Yakin reservoir connection/ Ras Al Tawil		BV	SAK	June 24, 2015
108	Email-14-02-SAK-IN-0108	PAL TEL Damaged poles.		BV	SAK	June 24, 2015
109	Email-14-02-SAK-IN-0109	Additional Works		BV	SAK	June 25, 2015



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 Booster Station - Phase I Pipeline Connection**

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INCOMING EMAILS LOG						
No.	DCN No.	Subject	From	Organization	To Organization	Received Date
110	Email-14-02-SAK-IN-0110	Progress Meeting Agenda No. 015		BV	SAK	June 25, 2015
111	Email-14-02-SAK-IN-0111	Additional Works		BV	SAK	June 28, 2015
112	Email-14-02-SAK-IN-0112	Yaqeen/Bani Naim Reservoir		PWA	SAK	June 29, 2015
113	Email-14-02-SAK-IN-0113	(Partial Payment Request - Payment No. 07)		USAID	SAK	June 30, 2015
114	Email-14-02-SAK-IN-0114	Yakin reservoir connection/ Ras Al Tawil		BV	SAK	June 30, 2015
115	Email-14-02-SAK-IN-0115	Task Order #14-00002, correspondences		USAID	SAK	June 30, 2015
116	Email-14-02-SAK-IN-0116	Yakin reservoir connection/ Ras Al Tawil		BV	SAK	June 30, 2015
117	Email-14-02-SAK-IN-0117	Final MOM No. 015		BV	SAK	June 30, 2015
118	Email-14-02-SAK-IN-0118	Safety Tool Box Meeting Report and Environmental Check List		BV	SAK	July 1, 2015
119	Email-14-02-SAK-IN-0119	Monthly Updates		BV	SAK	July 1, 2015
120	Email-14-02-SAK-IN-0120	Printer Trouble Requires Maintenance		BV	SAK	July 2, 2015
121	Email-14-02-SAK-IN-0121	Final MOM No. 015		BV	SAK	July 2, 2015
122	Email-14-02-SAK-IN-0122	Asphalt Works		BV	SAK	July 4, 2015
123	Email-14-02-SAK-IN-0123	Asphalt Mix Design		BV	SAK	July 5, 2015
124	Email-14-02-SAK-IN-0124	Final MOM No. 015		BV	SAK	July 6, 2015
125	Email-14-02-SAK-IN-0125	(Partial Payment Request - Payment No. 07)		USAID	SAK	July 6, 2015
126	Email-14-02-SAK-IN-0126	Surplus material and dust control		BV	SAK	July 8, 2015
127	Email-14-02-SAK-IN-0127	Progress Meeting Agenda No. 016		BV	SAK	July 8, 2015



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INCOMING EMAILS LOG						
No.	DCN No.	Subject	From	Organization	To Organization	Received Date
128	Email-14-02-SAK-IN-0128	VOR 07-B		BV	SAK	July 8, 2015
129	Email-14-02-SAK-IN-0129	Asphalt works		BV	SAK	July 9, 2015
130	Email-14-02-SAK-IN-0130	House connections 284 KB		BV	SAK	July 9, 2015
131	Email-14-02-SAK-IN-0131	Final MOM No. 016 (draft)		BV	SAK	July 15, 2015
132	Email-14-02-SAK-IN-0132	Final MOM No. 016		BV	SAK	July 22, 2015
133	Email-14-02-SAK-IN-0133	Unclosed Submittals		BV	SAK	July 22, 2015
134	Email-14-02-SAK-IN-0134	Updated Risk Management, Safety and Environmental plans Submittals		BV	SAK	July 23, 2015
135	Email-14-02-SAK-IN-0135	Progress Meeting Agenda No. 017		BV	SAK	July 23, 2015
136	Email-14-02-SAK-IN-0136	Comments on Contactor's Monthly Progress Report _ June 2015		USAID	SAK	July 27, 2015
137	Email-14-02-SAK-IN-0137	Comments on Contactor's Monthly Progress Report _ June 2015		USAID	SAK	July 30, 2015
138	Email-14-02-SAK-IN-0138	Draft MOM No. 017		BV	SAK	July 30, 2015
139	Email-14-02-SAK-IN-0139	Remaining Asphalt works		BV	SAK	August 1, 2015
140	Email-14-02-SAK-IN-0140	Remaining Asphalt works		BV	SAK	August 2, 2015
141	Email-14-02-SAK-IN-0141	Remaining Asphalt works		BV	SAK	August 2, 2015
142	Email-14-02-SAK-IN-0142	Final MOM No. 017		BV	SAK	August 3, 2015
143	Email-14-02-SAK-IN-0143	Tool Box Meting - Pressure Test for Pipelines 575 KB Incoming		BV	SAK	August 4, 2015
144	Email-14-02-SAK-IN-0144	Progress Meeting Agenda No. 018		BV	SAK	August 9, 2015
145	Email-14-02-SAK-IN-0145	Draft MOM No. 018		BV	SAK	August 12, 2015



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INCOMING EMAILS LOG						
No.	DCN No.	Subject	From	Organization	To Organization	Received Date
146	Email-14-02-SAK-IN-0146	Project Permanent Signs		BV	SAK	August 13, 2015
147	Email-14-02-SAK-IN-0147	Project Permanent Signs		BV	SAK	August 13, 2015
148	Email-14-02-SAK-IN-0148	Bolts Torque		BV	SAK	August 16, 2015
149	Email-14-02-SAK-IN-0149	Unclosed Submittals		BV	SAK	August 16, 2015
150	Email-14-02-SAK-IN-0150	Unclosed Inspection Requests for June and July 2015		BV	SAK	August 16, 2015
151	Email-14-02-SAK-IN-0151	Final MOM No. 018		BV	SAK	August 17, 2015
152	Email-14-02-SAK-IN-0152	Progress Meeting Agenda No. 019		BV	SAK	August 19, 2015
153	Email-14-02-SAK-IN-0153	Initial Punch List		BV	SAK	August 23, 2015
154	Email-14-02-SAK-IN-0154	Pressure relief valves		BV	SAK	August 25, 2015
155	Email-14-02-SAK-IN-0155	Draft MOM No. 019		BV	SAK	August 25, 2015
156	Email-14-02-SAK-IN-0156	Cathodic protection system testing		BV	SAK	August 26, 2015
157	Email-14-02-SAK-IN-0157	Cathodic protection system testing		BV	SAK	August 30, 2015
158	Email-14-02-SAK-IN-0158	Project Manager Replacement		BV	SAK	August 30, 2015
159	Email-14-02-SAK-IN-0159	Electrical Enclosure		BV	SAK	August 30, 2015
160	Email-14-02-SAK-IN-0160	Site Inspection Checklist - Ras Al Taweel & Al 'Uddeisa water Infrastructure & Al Safi Booster Station – Phase I – UDSI August 30, 2015		BV	SAK	August 30, 2015
161	Email-14-02-SAK-IN-0161	Final MOM No. 019		BV	SAK	August 30, 2015
162	Email-14-02-SAK-IN-0162	Outfall for WO at Station 4+000		BV	SAK	August 31, 2015
163	Email-14-02-SAK-IN-0163	Overtime /August 13,2015		BV	SAK	August 31, 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**

Updated Date : October 31, 2015

INCOMING EMAILS LOG						
No.	DCN No.	Subject	From	Organization	To Organization	Received Date
164	Email-14-02-SAK-IN-0164	Printer Repair		BV	SAK	August 31, 2015
165	Email-14-02-SAK-IN-0165	Cathodic protection system testing		BV	SAK	August 31, 2015
166	Email-14-02-SAK-IN-0166	Yatta Junction (Khdour Junction)	F W A / ISSAM ALMANI <issamarman@hotmail.co		SAK	August 3, 2015
167	Email-14-02-SAK-IN-0167	Monthly Progress Report - July 2015		BV	SAK	August 5, 2015
168	Email-14-02-SAK-IN-0168	Project Permanent Signs		BV	SAK	August 6, 2015
169	Email-14-02-SAK-IN-0169	V.O 2 under T.O AID-294-I-00-13-00002		USAID	SAK	August 13, 2015
170	Email-14-02-SAK-IN-0170	Yaqeen/Bani Naim Reservoir	F W A / ISSAM ALMANI <issamarman@hotmail.co		SAK	August 13, 2015
171	Email-14-02-SAK-IN-0171	Asphalt Reinstatement Works		BV	SAK	August 16, 2015
172	Email-14-02-SAK-IN-0172	flow control valve of BANI NAIEM chamber		BV	SAK	August 25, 2015
173	Email-14-02-SAK-IN-0173	PVS Results: Morex 71 Ltd.		USAID	SAK	August 27, 2015
174	Email-14-02-SAK-IN-0174	DIP Pipe Disinfection from Halhoul to ST. 5+597		BV	SAK	August 30, 2015
175	Email-14-02-SAK-IN-0175	Cathodic protection system testing		BV	SAK	August 25, 2015
176	Email-14-02-SAK-IN-0176	Cathodic protection system testing		BV	SAK	September 1, 2015
177	Email-14-02-SAK-IN-0177	Unclosed Inspection Requests from June to August 2015		BV	SAK	September 2, 2015
178	Email-14-02-SAK-IN-0178	Initial Punch List 48 KB Incoming		BV	SAK	September 2, 2015
179	Email-14-02-SAK-IN-0179	Progress Meeting Agenda No. 020		BV	SAK	September 3, 2015
180	Email-14-02-SAK-IN-0180	Donation No. (8234) 18 KB Incoming		USAID	SAK	September 8, 2015
181	Email-14-02-SAK-IN-0181	DIP Pipe Disinfection from Halhoul to ST. 5+597		BV	SAK	September 10, 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

Updated Date : October 31, 2015

INCOMING EMAILS LOG						
No.	DCN No.	Subject	From	Organization	To Organization	Received Date
182	Email-14-02-SAK-IN-0182	Eid Work Plan		BV	SAK	September 16, 2015
183	Email-14-02-SAK-IN-0183	Control valves training		BV	SAK	September 17, 2015
184	Email-14-02-SAK-IN-0184	Control valves training		BV	SAK	September 17, 2015
185	Email-14-02-SAK-IN-0185	Control valves training		BV	SAK	September 17, 2015
186	Email-14-02-SAK-IN-0186	Task Order Manager Replacement		USAID	SAK	September 18, 2015
187	Email-14-02-SAK-IN-0187	SCADA works		BV	SAK	September 20, 2015
188	Email-14-02-SAK-IN-0188	SCADA works		BV	SAK	September 21, 2015
189	Email-14-02-SAK-IN-0189	Task Order Completion and Handover		BV	SAK	September 21, 2015
190	Email-14-02-SAK-IN-0190	Training Schedule		BV	SAK	September 21, 2015
191	Email-14-02-SAK-IN-0191	pre-commissioning (Pipeline & Al-Safi Booster Station)		BV	SAK	September 22, 2015
192	Email-14-02-SAK-IN-0192	Magnetic Cards		BV	SAK	September 29, 2015
193	Email-14-02-SAK-IN-0193	Taher's ID and magnetic card		BV	SAK	September 29, 2015
194	Email-14-02-SAK-IN-0194	Draft MOM No. 020		BV	SAK	October 1, 2015
195	Email-14-02-SAK-IN-0195	20" Pipeline (Commissioning and Startup)		BV	SAK	October 1, 2015
196	Email-14-02-SAK-IN-0196	20" Pipeline (Commissioning and Startup)		PWA	SAK	October 3, 2015
197	Email-14-02-SAK-IN-0197	SCADA Training		BV	SAK	October 3, 2015
198	Email-14-02-SAK-IN-0198	SCADA Training		BV	SAK	October 4, 2015
199	Email-14-02-SAK-IN-0199	Final MOM No. 020		BV	SAK	October 4, 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**

Updated Date : October 31, 2015

INCOMING EMAILS LOG						
No.	DCN No.	Subject	From	Organization	To Organization	Received Date
200	Email-14-02-SAK-IN-0200	GSM/GPRS subscription		BV	SAK	October 4, 2015
201	Email-14-02-SAK-IN-0201	Final MOM No. 020		BV	SAK	October 4, 2015
202	Email-14-02-SAK-IN-0202	Remaining Works Prior to Handing Over		BV	SAK	October 6, 2015
203	Email-14-02-SAK-IN-0203	SCADA Training		BV	SAK	October 6, 2015
204	Email-14-02-SAK-IN-0204	Remaining Works Prior to Handing Over		BV	SAK	October 6, 2015
205	Email-14-02-SAK-IN-0205	SCADA Training		BV	SAK	October 6, 2015
206	Email-14-02-SAK-IN-0206	Cathodic protection system testing		BV	SAK	October 7, 2015
207	Email-14-02-SAK-IN-0207	SCADA Training		BV	SAK	October 7, 2015
208	Email-14-02-SAK-IN-0208	GSM/GPRS subscription		BV	SAK	October 8, 2015
209	Email-14-02-SAK-IN-0209	Remaining Works Prior to Handing Over		BV	SAK	October 8, 2015
210	Email-14-02-SAK-IN-0210	Al Safi Booster Station Connection		BV	SAK	October 15, 2015
211	Email-14-02-SAK-IN-0211	BERMAD training		BV	SAK	October 19, 2015
212	Email-14-02-SAK-IN-0212	Transmitters From Contractor		BV	SAK	October 19, 2015
213	Email-14-02-SAK-IN-0213	Daily Joint Reports		BV	SAK	October 19, 2015
214	Email-14-02-SAK-IN-0214	Punch list		BV	SAK	October 19, 2015
215	Email-14-02-SAK-IN-0215	Training		BV	SAK	October 19, 2015
216	Email-14-02-SAK-IN-0216	Training conducted submittal		BV	SAK	October 21, 2015
217	Email-14-02-SAK-IN-0217	Final O&M Manuals		BV	SAK	October 21, 2015



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 Booster Station - Phase I Pipeline Connection**

Updated Date : October 31, 2015

INCOMING EMAILS LOG						
No.	DCN No.	Subject	From	Organization	To Organization	Received Date
218	Email-14-02-SAK-IN-0218	Transmittals From Contractor		BV	SAK	October 26, 2015
219	Email-14-02-SAK-IN-0219	Comments on Contactor's Monthly Progress Report _ September 2015		USAID	SAK	October 26, 2015
220	Email-14-02-SAK-IN-0220	Task Order #14-00002 and #15-000002, completion walkthrough & inspection		BV	SAK	October 26, 2015
221	Email-14-02-SAK-IN-0221	Comments on Contactor's Monthly Progress Report _ September 2015		USAID	SAK	October 28, 2015
222	Email-14-02-SAK-IN-0222	MAG8000 product inquiry		BV	SAK	October 29, 2015
223	Email-14-02-SAK-IN-0223	Task Order #14-00002 and #15-000002, completion walkthrough & inspection		USAID	SAK	October 28, 2015
224	Email-14-02-SAK-IN-0224	Comments on Contactor's Monthly Progress Report _ September 2015		USAID	SAK	October 28, 2015
225	Email-14-02-SAK-IN-0225	MAG8000 product inquiry		BV	SAK	October 29, 2015
226	Email-14-02-SAK-IN-0226	Task Order #14-00002 and #15-000002, completion walkthrough & inspection		USAID	SAK	October 28, 2015



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Updated Date :October 25, 2015

CONTRACTOR LETTERS LOG

No.	Letter No.	Project	Description	Submitted Date	Organization	Organization	Remarks
LETTERS FROM CONTRACTOR TO LOCAL AUTHORITY							
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	



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 :October 25, 2015

CONTRACTOR LETTERS LOG

No.	Letter No.	Project	Description	Submitted Date	Organization	Organization	Remarks
22	LTR.02.SAK-LOCAL.022-A	UDSI	Paltel Fiber Cable -Reply on Paltel Letter	April 8, 2015	SAK	Paltel	
23	LTR.02.SAK-LOCAL.023-A	UDSI	Damagies in Al-Safi Booster Station	July 15, 2015	SAK	Al-Ahliya Insurance	
24	LTR.02.SAK-LOCAL.024-A	UDSI	Request for Water Supply	July 30, 2015	SAK	Saer Municipality	
25	LTR.02.SAK-LOCAL.025-A	UDSI	Hand Over mechanical items to Bani Naim Municipality	September 16, 2015	SAK	Bani Naem Municipality	
26	LTR.02.SAK-LOCAL.026-A	UDSI	Release Letter	October 3, 2015	SAK	Saer Municipality	
LETTERS FROM CONTRACTOR TO ENGINEERS							
LETTERS FROM CONTRACTOR TO USAID							
1	LTR.02.SAK-USAID.001-A	UDSI	Insurance & Bank Guarantee	October 31, 2014	SAK	USAID	
2	LTR.02.SAK-USAID.002-A	UDSI	Bank Guarantee	November 4, 2014	SAK	USAID	
3	LTR.02.SAK-USAID.003-A	UDSI	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, Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A
and Al Safi Booster Station - Phase

PERIOD FROM: Nov. 04, 2014

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

PERIOD TO: October 25, 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	69.00	64.00	51.00	53.00	22.00	259.00	10.88	18.00	241.00	
December	2014	81.00	81.00	102.38	97.00	208.75	570.13	23.95	27.00	543.13	
January	2015	73.00	87.00	147.25	101.00	228.88	637.13	26.77	38.00	599.13	
February	2015	72.25	115.50	218.38	146.00	190.00	742.13	31.18	46.00	696.13	
March	2015	78.00	150.00	205.13	142.00	209.63	784.75	32.97	54.00	730.75	
April	2015	88.13	188.63	611.50	432.88	214.75	1535.88	64.53	41.00	1494.88	
May	2015	85.38	184.13	730.00	538.13	240.25	1777.88	74.70	26.00	1751.88	
June	2015	85.13	166.88	661.63	370.25	234.13	1518.00	63.78	26.00	1492.00	
July	2015	69.00	113.75	489.63	230.25	189.50	1092.13	45.89	21.00	1071.13	
August	2015	76.75	126.00	419.63	233.00	173.25	1028.63	43.22	27.00	1001.63	
September	2015	41.00	84.00	122.00	118.25	181.00	546.25	22.95	20.50	525.75	
Total number of job days of employment for Task Order Manager that are not included in September monthly report (as per COR audit)		7	0	0	0	0	7.00	0.29	0	7	
Total of FY 2015		825.63	1360.88	3758.50	2461.75	2092.13	10498.88	441.13	344.50	10154.38	
October	2015	53.00	56.00	74.00	50.00	154.75	387.75	16.29	8.00	379.75	
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		53.00	56.00	74.00	50.00	154.75	387.75	16.29	8.00	379.75	
Grand Total		878.63	1416.88	3832.50	2511.75	2246.88	10886.63	457.42	352.50	10534.13	

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: Saqqa And Khoudary Co. Ltd. (SAK)

DATE	Site Staff Job Days **																					
	Worker/Classification (Hours)														Man-days*					Gender		
	Management			Engineers				Skilled labor			Unskilled labor		Other		Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female	
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer (F)	CWI	Quality Control Engineer	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	0
November 3, 2014															0	0	0	0	0	0	0	0
November 4, 2014	8	8	8	16		8									3	3	0	0	0	0	5	1
November 5, 2014	8	8	8	16		8									3	3	0	0	0	0	5	1
November 6, 2014	8	8	8	16		8									3	3	0	0	0	0	5	1
November 7, 2014															0	0	0	0	0	0	0	0
November 8, 2014	8	8	8	16		8					8				3	3	0	1	0	0	6	1
November 9, 2014	8	8	8	16		8				8					3	3	1	1	0	0	7	1
November 10, 2014	8	8	8	8	8	8				16					3	3	2	1	0	0	8	1
November 11, 2014	8	8	8	8	8	8				24					3	3	3	2	0	0	10	1
November 12, 2014	8	8	8	8		8				24					3	2	3	2	0	0	10	0
November 13, 2014	8	8	8	8		8				24					3	2	3	2	0	0	10	0
November 14, 2014															0	0	0	0	0	0	0	0
November 15, 2014	8	8	8	8		8				40					3	2	5	3	0	0	13	0
November 16, 2014	8	8	8	8		8				40					3	2	5	3	0	0	13	0
November 17, 2014	8	8	8	8		8				40					3	2	5	3	0	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	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	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	0
Total of Month	184.00	184.00	184.00	224.00	104.00	184.00	0.00	0.00	408.00	0.00	0.00	424.00	88.00	88.00	69.00	64.00	51.00	53.00	22.00	241.00	18.00	

* 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 & Envir. 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	21	1
December 25, 2014	8	8	8	8	8	8		32	8	8	8		40	8	15	15	3	3	7	5	5	22	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	21	1
December 28, 2014	8	8	8	8	8	8		24	8	8	8		32	16	24	15	3	3	6	4	7	22	1
December 29, 2014	8	8	8	8	8	8		24	8	8	8		32	16	24	15	3	3	6	4	7	22	1
December 30, 2014	8	8	8	8	8	8		24	8	8	4		32	16	24	15	3	3	6	4	7	21	1
December 31, 2014	8	8	8	8	8	8		24	8	8	2		32	16	24	15	3	3	5	4	7	21	1
Total of Month	216.00	216.00	216.00	216.00	216.00	216.00	0.00	512.00	152.00		99.00	0.00	776.00	272.00	1263.00	135.00	81.00	81.00	102.38	97.00	208.75	543.13	27.00

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

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

DATE	Site Staff Job Days **																							
	Worker/Classification (Hours)																Man-days*					Gender		
	Management			Engineers			Skilled labor				Unskilled labor		Other				Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female	
Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer (F)	CWI	Foreman	Skilled Labor	Welder	Driver	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Office Guard	Storage Guard	Accountant								
January 1, 2015	8	8	8	8	8	8		24	8	8	2		32	16	24	15		3	3	5	4	7	21	1
January 2, 2015															24	15		0	0	0	0	5	5	0
January 3, 2015	8	8	8	8	8	8		24	8	8	3		32	16	24	15		3	3	5	4	7	21	1
January 4, 2015	8	8	8	8	8	8		24	16	8	3		32	16	24	15	8	3	3	6	4	8	23	1
January 5, 2015	8	8	8	8	8	8		24	16	8	2		32	16	24	15	8	3	3	6	4	8	23	1
January 6, 2015	8	8	8	8	8	8		24	16	8	2		32	16	24	15	8	3	3	6	4	8	23	1
January 7, 2015	8	8	8	8	8	8		0	0	8	0		0	16	24	15	8	3	3	1	0	8	14	1
January 8, 2015															24	24		0	0	0	0	6	6	0
January 9, 2015															24	24		0	0	0	0	6	6	0
January 10, 2015	8														24	24	8	1	0	0	0	7	8	0
January 11, 2015	8	8	8	8	8	8		24	16	8	0		32	16	24	15	8	3	3	6	4	8	23	1
January 12, 2015	8	8	8	8	8	8		24	16	8	0		32	16	24	15	8	3	3	6	4	8	23	1
January 13, 2015	8	8	8	8	8	8		24	16	8	0		32	16	24	15	8	3	3	6	4	8	23	1
January 14, 2015	8	8	8	8	8	8		24	16	8	4		32	16	24	15	8	3	3	7	4	8	23	1
January 15, 2015	8	8	8	8	16	8		24	16	0	10		32	16	24	15	8	3	4	6	4	8	23	2
January 16, 2015															24	24		0	0	0	0	6	6	0
January 17, 2015	8	8	8	8	16	8		16	16	0	10		40	16	24	15	8	3	4	5	5	8	23	2
January 18, 2015	8	8	8	8	16	8		16	16	0	10		40	16	24	15	8	3	4	5	5	8	23	2
January 19, 2015	8	8	8	8	16	8		16	16	0	10		40	16	24	15	8	3	4	5	5	8	23	2
January 20, 2015	8	8	8	8	16	8		16	16	16	10		40	16	24	15	8	3	4	7	5	8	25	2
January 21, 2015	8	8	8	8	16	8		16	16	16	17		40	16	24	15	8	3	4	8	5	8	26	2
January 22, 2015	8	8	8	8	16	8		16	16	16	10		40	16	24	15	8	3	4	7	5	8	25	2
January 23, 2015															24	24		0	0	0	0	6	6	0
January 24, 2015	8	8	8	8	16	8		16	16	16	8		40	16	24	15	8	3	4	7	5	8	25	2
January 25, 2015	8	8	8	8	16	8		16	16	16	8		40	16	24	15	8	3	4	7	5	8	25	2
January 26, 2015	8	8	8	8	16	8		16	16	16	0		32	16	24	15	8	3	4	6	4	8	23	2
January 27, 2015	8	8	8	8	16	8		16	16	16	0		32	16	24	15	8	3	4	6	4	8	23	2
January 28, 2015	8	8	8	8	16	8		16	16	16	3		32	16	24	15	8	3	4	6	4	8	23	2
January 29, 2015	8	8	8	8	16	8		16	16	16	3		32	16	24	15	8	3	4	6	4	8	23	2
January 30, 2015															24	24		0	0	0	0	6	6	0
January 31, 2015	8	8	8	16	16	8		16	16	8	31		40	16	24	15	8	3	5	9	5	8	28	2
Total of Month	200.00	192.00	192.00	200.00	304.00	192.00	0.00	448.00	352.00	232.00	146.00	0.00	808.00	384.00	744.00	519.00	184.00	73.00	87.00	147.25	101.00	228.88	599.13	38.00

* 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 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	8	8	10	0	40	16	24	15	0	3	5	6	5	7	24	2
February 13, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24	0	0	0	0	0	6	6	0
February 14, 2015	0	8	8	16	16	8	0	24	16	16	0	0	48	16	24	15	0	2	5	7	6	7	25	2
February 15, 2015	8	8	8	16	16	8	0	24	32	8	14	0	64	16	24	15	0	3	5	10	8	7	31	2
February 16, 2015	8	8	8	16	16	8	0	24	32	8	19	0	64	16	24	15	0	3	5	10	8	7	31	2
February 17, 2015	8	8	8	16	16	8	0	24	32	8	17	0	64	16	24	15	0	3	5	10	8	7	31	2
February 18, 2015	8	8	8	16	16	8	0	24	16	8	9	0	32	16	24	15	0	3	5	7	4	7	24	2
February 19, 2015	8	8	8	16	16	8	0	16	24	8	3	0	16	16	24	15	0	3	5	6	2	7	21	2
February 20, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24	0	0	0	0	0	6	6	0
February 21, 2015	8	8	0	0	0	0	0	8	8	8	0	0	8	0	24	15	0	2	0	3	1	5	11	0
February 22, 2015	8	8	8	16	16	8	0	24	32	8	0	0	40	16	24	15	0	3	5	8	5	7	26	2
February 23, 2015	8	8	8	16	16	8	0	24	32	8	16	0	48	16	24	15	0	3	5	10	6	7	29	2
February 24, 2015	8	8	8	16	16	8	0	24	32	8	20	0	48	16	24	15	0	3	5	11	6	7	29	2
February 25, 2015	8	8	8	16	16	8	0	24	32	8	12	0	48	16	24	15	0	3	5	10	6	7	28	2
February 26, 2015	8	8	8	16	16	8	0	24	32	8	10	0	64	16	24	15	0	3	5	9	8	7	30	2
February 27, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24	0	0	0	0	0	6	6	0
February 28, 2015	8	8	8	16	16	8	0	24	32	8	21	0	64	16	24	15	0	3	5	11	8	7	32	2
Total of Month	188.00	202.00	188.00	368.00	368.00	188.00	0.00	608.00	528.00	236.00	375.00	0.00	1168.00	376.00	672.00	456.00	16.00	72.25	115.50	218.38	146.00	190.00	696.13	46.00

* 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

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

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

DATE	Site Staff Job Days **																							
	Worker/Classification (Hours)																Man-days*					Gender		
	Management			Engineers				Skilled labor				Unskilled labor		Other			Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female	
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Offree Engineer (F)	Jr.Site Engineer	CWI	Foreman	Skilled Labor	Welder	Driver	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Office Guard								Storage Yard Guard
March 1, 2015	8	8	8	16	16		8		24	32	8	1		64	16	24	15	3	5	8	8	7	29	2
March 2, 2015	8	8	8	16	16		8		16	32	8			48	16	24	15	3	5	7	6	7	26	2
March 3, 2015	8	8	8	16	16		8		16	32	8			48	16	24	15	3	5	7	6	7	26	2
March 4, 2015	8	8	8	16	16		8		24	24	8	5		48	16	24	15	3	5	8	6	7	27	2
March 5, 2015	8	8	8	16	16		8		24	16	8	1		48	16	24	15	3	5	6	6	7	25	2
March 6, 2015																24	24	0	0	0	0	6	6	0
March 7, 2015	0	8	8	16	16		8		24	16	8	17		48	16	24	15	2	5	8	6	7	26	2
March 8, 2015	0	8	0	16	16		8		24	24	8	21		48	16	24	15	1	5	10	6	7	27	2
March 9, 2015	8	8	8	16	16		8		24	24	8	4		48	16	24	15	3	5	8	6	7	26	2
March 10, 2015	8	8	8	16	16		8		24	24	8	16		48	16	24	15	3	5	9	6	7	28	2
March 11, 2015	8	8	8	16	16		8		24	24	8	11		48	16	24	15	3	5	8	6	7	27	2
March 12, 2015	8	8	8	16	16		8		24	24	8	0		24	16	24	15	3	5	7	3	7	23	2
March 13, 2015																24	24	0	0	0	0	6	6	0
March 14, 2015	8	8	8	16	16	8	8		16	16	8			16	16	24	15	3	6	5	2	7	21	2
March 15, 2015	8	8	8	16	16	8	8		24	24	8	8		32	16	24	15	3	6	8	4	7	26	2
March 16, 2015	8	8	8	16	16	8	8		24	24	8	1		32	16	24	15	3	6	7	4	7	25	2
March 17, 2015	8	8	8	16	16	0	8		24	24	8	12		32	16	24	15	3	5	9	4	7	25	2
March 18, 2015	8	8	8	16	16	8	8		16	24	8	0		32	16	24	15	3	6	6	4	7	24	2
March 19, 2015	8	8	8	16	16	8	8		16	24	8	8		32	16	24	15	3	6	7	4	7	25	2
March 20, 2015																24	24	0	0	0	0	6	6	0
March 21, 2015	8	8	8	16	16	8	8		16	24	8	12		32	16	24	15	3	6	8	4	7	25	2
March 22, 2015	8	8	8	16	16	8	8		16	24	8	16		32	16	24	15	3	6	8	4	7	26	2
March 23, 2015	8	8	8	16	16	8	8		16	24	8	16		32	16	24	15	3	6	8	4	7	26	2
March 24, 2015	8	8	8	16	16	8	8		24	24	8	13		48	16	24	15	3	6	9	6	7	29	2
March 25, 2015	8	8	8	16	16	8	8		24	24	8	0		48	16	24	15	3	6	7	6	7	27	2
March 26, 2015	8	8	8	16	16	8	8		24	16	8	2		56	16	24	15	3	6	6	7	7	27	2
March 27, 2015																24	24	0	0	0	0	6	6	0
March 28, 2015	8	8	8	16	16	8	8		16	16	8	7		48	16	24	15	3	6	6	6	7	26	2
March 29, 2015	8	8	8	16	16	8	8		16	16	8	18		48	16	24	15	3	6	7	6	7	27	2
March 30, 2015	8	8	8	16	16	8	8		24	32	8	12		48	16	24	15	3	6	10	6	7	29	2
March 31, 2015	8	8	8	16	16	8	8		24	32	8	16		48	16	24	15	3	6	10	6	7	30	2
Total of Month	200.00	216.00	208.00	432.00	432.00	120.00	216.00	0.00	568.00	640.00	216.00	217.00	0.00	1136.00	432.00	744.00	501.00	78.00	150.00	205.13	142.00	209.63	730.75	54.00

* 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
 Temporary 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: 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 (P)	Site Engineer	CWI	Foreman	Skilled Labor	Welder	Driver	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Office Guard	Storage Yard Guard								Equipment Night Guard
April 1, 2015	8	8	8	16	16	8	8	8	32	8	12	16	16	24	15			3	6	8	2	7	23	2	
April 2, 2015	8	0	8	16	16	8	8	24	32	8	12	64	16	24	15			2	6	10	8	7	30	2	
April 3, 2015														24	24			0	0	0	0	6	6	0	
April 4, 2015	8	0	8	16	16	8	8	24	32	8	20	64	16	24	15			2	6	11	8	7	31	2	
April 5, 2015	10	10	10	20	16	8	10	40	80	0	96	110	16	24	15			4	7	27	14	7	56	2	
April 6, 2015	10	10	10	20	16	18	10	40	80	8	105	110	16	24	15			4	8	29	14	7	60	2	
April 7, 2015	10	10	10	20	16	18	10	60	110	8	112	140	16	24	15			4	8	36	18	7	70	2	
April 8, 2015	10	10	10	20	16	18	10	60	100	8	110	190	16	24	15			4	8	35	24	7	75	2	
April 9, 2015	9	9	9	18	16	17	9	54	90	8	101	171	16	24	15			3	8	32	21	7	69	2	
April 10, 2015														24	24			0	0	0	0	6	6	0	
April 11, 2015	0	8	8	16	8	8	0	8	32	8	20	40	16	24	15			2	4	9	5	7	25	1	
April 12, 2015	8	8	8	16	8	8	0	8	32	8	4	40	16	24	15			3	4	7	5	7	24	1	
April 13, 2015	8	8	8	16	16	8	0	8	32	8	4	32	16	24	15			3	5	7	4	7	23	2	
April 14, 2015	10	10	10	20	16	10	10	60	100	8	98	170	16	24	15			4	7	33	21	7	70	2	
April 15, 2015	10	10	10	20	16	20	10	60	100	10	101	170	16	24	15			4	8	34	21	7	72	2	
April 16, 2015	8	8	8	16	8	16	8	8	24	8	0	24	16	24	15			3	6	5	3	7	23	1	
April 17, 2015														24	24			0	0	0	0	6	6	0	
April 18, 2015	10	10	10	20	16	30	9	60	80	10	96	162	16	24	15			4	9	31	20	7	69	2	
April 19, 2015	10	10	10	20	16	36	8	40	72	10	96	202	16	24	15	12		4	10	27	25	8	73	2	
April 20, 2015	10	10	10	20	16	27	8	40	72	10	96	202	16	24	15	12		4	9	27	25	8	72	2	
April 21, 2015	10	10	10	20	8	25	8	40	72	10	107	172	16	24	15	12		4	8	29	22	8	69	1	
April 22, 2015	10	10	10	20	8	36	8	50	54	10	88	160	16	24	15	12		4	9	25	20	8	65	1	
April 23, 2015	8	8	8	16	8	8	8	8	24	8	0	24	16	24	15	12		3	5	5	3	8	23	1	
April 24, 2015														24	24			0	0	0	0	6	6	0	
April 25, 2015	10	10	10	20	8	36	9	60	54	10	118	200	16	24	15	12		4	9	30	25	8	76	1	
April 26, 2015	10	10	10	20	8	25	8	60	54	10	122	200	16	24	15	12		4	8	31	25	8	75	1	
April 27, 2015	10	10	10	20	16	24	9	60	54	10	124	200	16	15	15	12		4	9	31	25	7	74	2	
April 28, 2015	10	10	10	20	8	24	9	60	54	10	128	200	16	15	15	12		4	8	32	25	7	74	1	
April 29, 2015	10	10	10	20	8	24	9	60	54	10	132	200	16	15	15	12		4	8	32	25	7	75	1	
April 30, 2015	10	10	10	20	8	24	9	60	54	10	132	200	16	15	15	12		4	8	32	25	7	75	1	
																		0	0	0	0	0	0	0	
Total of Month	235.00	227.00	243.00	486.00	328.00	492.00	203.00	0.00	1060.00	1574.00	224.00	2034.00	0.00	3463.00	416.00	684.00	486.00	132.00	88.13	188.63	611.50	432.88	214.75	1494.88	41.00

* 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
 Temporary Job Days Report



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

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

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

DATE	Site Staff Job Days **																									
	Worker/Classification (Hours)																		Man-days*					Gender		
	Management			Engineers				Skilled labor					Unskilled labor		Other				Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female	
	Task Order Manager	Quality Control 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								
May 1, 2015																24	24			0	0	0	0	6	6	0
May 2, 2015	10	10	10	20	8	24	9		60	54	10	116		200	16	15	15	12	4	8	30	25	7	73	1	
May 3, 2015	10	10	10	20	8	24	9		60	54	10	116		200	16	15	15	12	4	8	30	25	7	73	1	
May 4, 2015	10	10	10	20	8	24	9		60	54	10	116		200	16	15	15	12	4	8	30	25	7	73	1	
May 5, 2015	10	10	10	20	8	24	9		60	54	10	116		200	16	15	15	12	4	8	30	25	7	73	1	
May 6, 2015	10	10	10	20	8	24	9		60	54	10	118		200	16	15	15	12	4	8	30	25	7	73	1	
May 7, 2015	10	10	8	20	8	24	9		60	54	10	118		200	16	15	15	12	4	8	30	25	7	73	1	
May 8, 2015																24	24			0	0	0	0	6	6	0
May 9, 2015	0	10	10	20	8	24	9		60	54	10	108		170	16	15	15	12	3	8	29	21	7	67	1	
May 10, 2015	5	9	10	18	8	24	9		54	54	9	103		166	16	15	15	12	3	7	28	21	7	65	1	
May 11, 2015	9	9	9	16	8	24	8		36	54	9	111		158	16	15	15	12	3	7	26	20	7	63	1	
May 12, 2015	9	9	9	18	8	24	8		54	54	9	119		191	16	15	15	12	3	7	30	24	7	70	1	
May 13, 2015	10	10	10	20	8	30	9		60	54	10	131		206	16	24	15	12	4	8	32	26	8	77	1	
May 14, 2015	10	10	10	20	8	30	9		60	54	10	103		182	18	24	15	12	4	8	28	23	9	71	1	
May 15, 2015																24	24			0	0	0	0	6	6	0
May 16, 2015	10	10	10	20	8	29	9		60	54	10	112		182	18	24	15	12	4	8	30	23	9	72	1	
May 17, 2015	10	10	10	18	8	29	9		60	54	10	112		190	18	24	15	12	4	8	30	24	9	73	1	
May 18, 2015	10	10	8	20	8	20	9		60	54	10	112		190	18	24	15	12	4	7	30	24	9	72	1	
May 19, 2015	10	10	0	20	8	20	9		60	54	10	112		190	18	24	15	12	3	7	30	24	9	71	1	
May 20, 2015	10	10	0	20	8	20	9		60	54	10	113		190	18	24	15	12	3	7	30	24	9	71	1	
May 21, 2015	10	10	0	20	8	18	9		60	54	10	122		190	18	24	15	12	3	7	31	24	9	72	1	
May 22, 2015																24	24			0	0	0	0	6	6	0
May 23, 2015	10	10	0	20	8	20	9		60	54	10	113		190	18	24	15	12	3	7	30	24	9	71	1	
May 24, 2015	10	10	10	10	8	20	8		60	54	20	113		162	18	24	15	12	4	6	31	20	9	68	1	
May 25, 2015	9	9	9	18	8	18	8		54	54	18	113		113	18	24	15	12	3	7	30	14	9	62	1	
May 26, 2015	9	9	9	18	8	18	8		54	54	18	113		113	18	24	15	12	3	7	30	14	9	62	1	
May 27, 2015	9	9	9	18	8	18	0		36	27	18	69		72	18	24	15	12	3	6	19	9	9	44	1	
May 28, 2015	8	9	8	18	8	18	8		32	24	18	54		64	18	24	15	12	3	7	16	8	9	41	1	
May 29, 2015																24	24			0	0	0	0	6	6	0
May 30, 2015	0	10	9	20	8	0	8		36	45	20	96		72	18	24	15	12	2	5	25	9	9	48	1	
May 31, 2015	6	9	9	18	8	18	0		36	24	18	74		114	18	24	15	12	3	6	19	14	9	49	1	
Total of Month	224.00	252.00	207.00	490.00	208.00	566.00	209.00	0.00	1412.00	1308.00	317.00	2803.00	0.00	4305.00	446.00	654.00	510.00	312.00	85.38	184.13	730.00	538.13	240.25	1751.88	26.00	

* Total Man-days = Total Hours / 8

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



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

PERIOD FROM: 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 (F)	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
Total of Month	216.00	233.00	232.00	464.00	208.00	446.00	217.00	0.00	1002.00	1262.00	466.00	2563.00	0.00	2962.00	366.00	709.00	486.00	312.00	85.13	166.88	661.63	370.25	234.13	1492.00	26.00

* 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
 Temporary Job Days Report



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

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

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

DATE	Site Staff Job Days **																								
	Worker/Classification (Hours)															Man-days*					Gender				
	Management			Engineers				Skilled labor				Unskilled labor		Other				Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female	
	Task Order Manager	Quality Control Manager	Safety & Envir. Manager	Project Engineer	Office Engineer (F)	Site Engineer	CWI	Foreman	Skilled Labor	Welder	Driver	Equipment Operator	Plumber	Unskilled Labor	Office Boy	Office Guard	Storage Yard Guard								Equipment/Night Guard
July 1, 2015	8	8	8	16	8	16	8		24	40	16	80		88	8	23	15	12	3	6	20	11	7	46	1
July 2, 2015	8	8	8	16	8	16	8		24	40	16	83		88	8	23	15	12	3	6	20	11	7	47	1
July 3, 2015	7	7	0	7					21		7	56		35		24	24		2	1	11	4	6	24	0
July 4, 2015	8	8	8	16	8	16	8		24	40	16	72		88	8	23	15	12	3	6	19	11	7	45	1
July 5, 2015	8	8	8	16	8	16	8		24	40	16	80		88	8	23	15	12	3	6	20	11	7	46	1
July 6, 2015	8	8	8	16	8	16	8		24	40	16	88		88	8	23	15	12	3	6	21	11	7	47	1
July 7, 2015	8	8	8	16	8	16	8		24	32	16	88		88	8	23	15	12	3	6	20	11	7	46	1
July 8, 2015	8	8	8	16	8	16	8		40	32	16	88		72	8	23	15	0	3	6	22	9	6	45	1
July 9, 2015	8	8	8	16	8	16	8		40	32	16	88		72	8	23	15	0	3	6	22	9	6	45	1
July 10, 2015	7	7	0	7					21		7	56		35		24	24	0	2	1	11	4	6	24	0
July 11, 2015	8	8	8	16	8	16	8		40	32	16	88		72	8	23	15	0	3	6	22	9	6	45	1
July 12, 2015	8	8	8	16	8	16	8		40	32	16	88		72	8	23	15	0	3	6	22	9	6	45	1
July 13, 2015	8	8	8	16	8	16	8		40	32	16	88		72	8	23	15	0	3	6	22	9	6	45	1
July 14, 2015	8	8	8	16	8	16	8		40	32	16	88		72	8	23	15	0	3	6	22	9	6	45	1
July 15, 2015	0	8	8	8	0		8		40	32	16	88		16	8	23	15	0	2	2	22	2	6	34	0
July 16, 2015																24	24		0	0	0	0	6	6	0
July 17, 2015																24	24		0	0	0	0	6	6	0
July 18, 2015																24	24		0	0	0	0	6	6	0
July 19, 2015																24	24		0	0	0	0	6	6	0
July 20, 2015																24	24		0	0	0	0	6	6	0
July 21, 2015	8	8	8	16	8	0	8		40	32	16	80		72	8	23	15	0	3	4	21	9	6	42	1
July 22, 2015	8	8	8	16	8	0	8		40	40	16	88		72	8	23	15	0	3	4	23	9	6	44	1
July 23, 2015	8	8	8	16	8	0	8		40	40	16	80		72	8	23	15	0	3	4	22	9	6	43	1
July 24, 2015	4								4			4		4		24	24	0	1	0	1	1	6	8	0
July 25, 2015	8	8	8	16	8	0	8		40	40	16	130		96	8	23	15	0	3	4	28	12	6	52	1
July 26, 2015	8	8	8	16	8	0	8		40	40	16	80		96	8	23	15	0	3	4	22	12	6	46	1
July 27, 2015	8	8	8	16	8	0	8		40	40	16	80		96	8	23	15	0	3	4	22	12	6	46	1
July 28, 2015	8	8	8	16	8	0	8		40	40	16	48		96	8	23	15	0	3	4	18	12	6	42	1
July 29, 2015	8	8	8	16	8	8	8		40	40	16	48		96	8	23	15	0	3	5	18	12	6	43	1
July 30, 2015	8	8	8	16	8	8	8		40	40	16	56		96	8	23	15	0	3	5	19	12	6	44	1
July 31, 2015																24	24		0	0	0	0	6	6	0
Total of Month	186.00	190.00	176.00	358.00	168.00	208.00	176.00	0.00	830.00	808.00	366.00	1913.00	0.00	####	176.00	722.00	546.00	72.00	69.00	113.75	489.63	230.25	189.50	1071.13	21.00

* Total Man-days = Total Hours / 8

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



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

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

DATE	Site Staff Job Days **																									
	Worker/Classification (Hours)																Man-days*					Gender				
	Management			Engineers							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	Skilled Labor	Welder	Driver	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Office Guard	Storage Yard Guard								Equipment Night Guard		
August 1, 2015	8	8	8	16	8	8	8	40	40	16	64		96	8	23	15		3	5	20	12	6	45	1		
August 2, 2015	8	8	8	16	8	8	8	40	40	16	68		96	8	23	15		3	5	21	12	6	45	1		
August 3, 2015	8	8	8	16	8	8	8	40	40	16	84		96	8	23	15		3	5	23	12	6	47	1		
August 4, 2015	8	8	8	16	8	8	8	40	40	16	40		96	8	23	15		3	5	17	12	6	42	1		
August 5, 2015	8	8	8	16	8	8	8	40	40	16	48		96	8	23	15		3	5	18	12	6	43	1		
August 6, 2015	4	8	8	16	8	0	8	40	40	16	56		96	8	23	15		3	4	19	12	6	42	1		
August 7, 2015																		0	0	0	0	6	6	0		
August 8, 2015	0	8	8	16	8	0	8	56	40	16	88		120	8	23	15		2	4	25	15	6	51	1		
August 9, 2015	8	8	8	16	8	0	8	56	40	16	96		120	8	23	15		3	4	26	15	6	53	1		
August 10, 2015	8	8	8	16	8	8	8	56	32	16	64		72	8	23	15		3	5	21	9	6	43	1		
August 11, 2015	8	8	8	16	8	8	8	32	32	16	24		56	8	23	15		3	5	13	7	6	33	1		
August 12, 2015	8	8	8	16	8	8	8	32	32	16	24		56	8	23	15		3	5	13	7	6	33	1		
August 13, 2015	8	8	8	16	8	8	8	32	32	16	28		56	8	23	15		3	5	14	7	6	33	1		
August 14, 2015																		0	0	0	0	6	6	0		
August 15, 2015	8	8	8	16	8	0	8	32	24	16	24		48	8	23	15		3	4	12	6	6	30	1		
August 16, 2015	8	8	8	16	8	0	8	32	24	16	24		48	8	23	15		3	4	12	6	6	30	1		
August 17, 2015	8	8	8	16	8	0	8	32	24	16	24		48	8	23	15		3	4	12	6	6	30	1		
August 18, 2015	8	8	8	16	8	0	8	32	24	16	24		48	8	23	15		3	4	12	6	6	30	1		
August 19, 2015	8	8	8	16	8	0	8	32	24	16	36		48	8	23	15		3	4	14	6	6	31	1		
August 20, 2015	8	8	8	16	8	0	8	32	24	16	32		48	8	23	15		3	4	13	6	6	31	1		
August 21, 2015																		0	0	0	0	6	6	0		
August 22, 2015	8	8	8	16	8	8	8	24	16	16	24		40	8	23	15		3	5	10	5	6	28	1		
August 23, 2015	8	8	8	16	8	8	8	56	24	16	97		88	8	23	15		3	5	24	11	6	48	1		
August 24, 2015	8	8	8	16	8	8	8	24	24	16	32		56	8	23	15		3	5	12	7	6	32	1		
August 25, 2015	8	8	8	16	8	8	8	24	24	16	32		56	8	23	15		3	5	12	7	6	32	1		
August 26, 2015	8	8	8	16	8	8	8	24	24	16	32		56	8	23	15		3	5	12	7	6	32	1		
August 27, 2015	4	8	8	16	8	8	8	24	24	16	32		56	8	23	15		3	5	12	7	6	31	1		
August 28, 2015		6						12										1	0	2	0	0	2	0		
August 29, 2015	0	8	8	16	8	8	8	24	24	16	32		56	8	23	15		2	5	12	7	6	31	1		
August 30, 2015	0	8	8	16	8	8	8	24	24	16	32		56	8	23	15		2	5	12	7	6	31	1		
August 31, 2015	0	8	8	16	8	8	8	24	24	8	16		56	8	23	15		2	5	9	7	6	28	1		
Total of Month	176.00	222.00	216.00	432.00	216.00	144.00	216.00	956.00	800.00	424.00	1177.00	0.00	1864.00	216.00	693.00	477.00	0.00	76.75	126.00	419.63	233.00	173.25	1001.63	27.00		

* 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
 Temporary 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: September 01, 2015
 PERIOD TO: September 30, 2015

DATE	Site Staff Job Days **																									
	Worker/Classification (Hours)															Man-days*					Gender					
	Management			Engineers							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	Skilled Labor	Welder	Driver	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Office Guard	Storage Yard Guard								Equipment Night Guard		
September 1, 2015		8	8	16	8	8	8	24	24	8	8		56	8	23	15		2	5	8	7	6	27	1		
September 2, 2015		8	8	16	8	8	8	24	24	8	8		48	8	23	15		2	5	8	6	6	26	1		
September 3, 2015		8	8	16	8		4	24	16	8	8		48	8	23	15		2	4	7	6	6	23	1		
September 4, 2015															24	24		0	0	0	0	6	6	0		
September 5, 2015		8	8	16	8		8	24	8	8	0		48	8	23	15		2	4	5	6	6	22	1		
September 6, 2015		8	8	16	8	8	6	24	8	8	24		48	8	23	15		2	5	8	6	6	26	1		
September 7, 2015		8	8	16	8		6	40	8	8	48		72	8	23	15		2	4	13	9	6	33	1		
September 8, 2015		8	8	16	8		6	24	8	8	8		48	8	23	15		2	4	6	6	6	23	1		
September 9, 2015		8	8	16	8		6	24	8	8			48	8	23	15		2	4	5	6	6	22	1		
September 10, 2015		8	8	16	8		6	24	8	8			48	8	23	15		2	4	5	6	6	22	1		
September 11, 2015															24	24		0	0	0	0	6	6	0		
September 12, 2015		8	8	16	8		6	24	8	8			48	8	23	15		2	4	5	6	6	22	1		
September 13, 2015		4	8	16	8		6	24	8	8	12		48	8	23	15		2	4	7	6	6	23	1		
September 14, 2015		4	8	16	4		6	24	8	8	12		48	8	23	15		2	3	7	6	6	23	1		
September 15, 2015		4	8	16	2		6	24	8	8	6		48	8	23	15		2	3	6	6	6	22	0		
September 16, 2015		4	8	16	8		6	24	8	8	12		48	8	23	15		2	4	7	6	6	23	1		
September 17, 2015		8	8	16	8		6	24	8	8			48	8	23	15		2	4	5	6	6	22	1		
September 18, 2015															24	24		0	0	0	0	6	6	0		
September 19, 2015	0	6	8	16	8		6	8	8	8			16	16	23	15		2	4	3	2	7	16	1		
September 20, 2015	0	6	8	16	8		6	16		8			32	16	23	15		2	4	3	4	7	18	1		
September 21, 2015	0	8	8	16	8		6	8		8			24	16	23	15		2	4	2	3	7	17	1		
September 22, 2015	0	6	6	12	6		6	6		8			18	12	23	15		2	3	2	2	6	14	1		
September 23, 2015															24	24		0	0	0	0	6	6	0		
September 24, 2015															24	24		0	0	0	0	6	6	0		
September 25, 2015															24	24		0	0	0	0	6	6	0		
September 26, 2015															24	24		0	0	0	0	6	6	0		
September 27, 2015															24	24		0	0	0	0	6	6	0		
September 28, 2015	0	8	8	16	8		6	8		8			24	16	23	15		2	4	2	3	7	17	1		
September 29, 2015	0	8	8	16	8		6	32		8			40	16	23	15		2	4	5	5	7	22	1		
September 30, 2015	0	8	8	16	8		6	32		8			40	16	23	15		2	4	5	5	7	22	1		
Total of Month	0.00	154.00	174.00	348.00	164.00	24.00	136.00	486.00	168.00	176.00	146.00	0.00	946.00	228.00	698.00	522.00	0.00	41.00	84.00	122.00	118.25	181.00	525.75	20.50		

* 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
 Temporary Job Days Report



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

PERIOD FROM: October 01, 2015
 PERIOD TO: October 25, 2015

DATE	Site Staff Job Days **																							
	Worker/Classification (Hours)																Man-days*					Gender		
	Management			Engineers				Total Skilled				Unskilled labor		Other			Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female	
	Task Order Manager	Quality Control Manager	Safety & Envir. Manager	Project Engineer	Office Engineer (F)	Site Engineer	CWI	Skilled Labor	Welder	Driver	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Office Guard	Storage Yard Guard								Equipment Night Guard
October 1, 2015	8	8	8	16	8		6	32		8			40	16	23	15		3	4	5	5	7	23	1
October 2, 2015															24	24		0	0	0	0	6	6	0
October 3, 2015	8	8	8	16	8		6	32	0	8			40	16	23	15		3	4	5	5	7	23	1
October 4, 2015	8	8	8	16	8		6	32	8	8			40	16	23	15		3	4	6	5	7	24	1
October 5, 2015	8	8	8	16	8		6	16	8	8			24	16	23	15		3	4	4	3	7	20	1
October 6, 2015	8	8	8	16	8		6	16	8	8			24	16	23	15		3	4	4	3	7	20	1
October 7, 2015	8	8	8	16	8		6	16	4	8	0		24	16	23	15		3	4	4	3	7	19	1
October 8, 2015	8	8	8	16	8		6	16		8	8		24	16	23	15		3	4	4	3	7	20	1
October 9, 2015															24	24		0	0	0	0	6	6	0
October 10, 2015	8	8	8	16	8		6	16		8	8		24	16	23	15		3	4	4	3	7	20	1
October 11, 2015	8	8	8	8			8	16		8	0		24	16	23	15		3	2	3	3	7	18	0
October 12, 2015	8	8	8	8			8	16		8	0		24	16	23	15		3	2	3	3	7	18	0
October 13, 2015	8	8	8	8			8	16		8	0		16	16	23	15		3	2	3	2	7	17	0
October 14, 2015	8	8	0	8			8	16		0	0		16	16	23	15		2	2	2	2	7	15	0
October 15, 2015	8	8		8			8	16		0	14		16	8	23	15		2	2	4	2	6	16	0
October 16, 2015															24	24		0	0	0	0	6	6	0
October 17, 2015	8	8		8			8	16		0			8	0	23	15		2	2	2	1	5	12	0
October 18, 2015	8	8		8			8	16		8	2		8		23	15		2	2	3	1	5	13	0
October 19, 2015	8	8		8			8	16		8	12		8	8	23	15		2	2	5	1	6	15	0
October 20, 2015	8	8	0	8			8	16		8			8	8	23	15		2	2	3	1	6	14	0
October 21, 2015	8	8	0	8			8	16		8			8	8	23	15		2	2	3	1	6	14	0
October 22, 2015	8	8	0	8			8	16		8			8	8	23	15		2	2	3	1	6	14	0
October 23, 2015															24	24		0	0	0	0	6	6	0
October 24, 2015	8	8	0	8			8	16		8			8	8	23	15		2	2	3	1	6	14	0
October 25, 2015	8	8	0	8			8	16		0			8	8	23	15		2	2	2	1	6	13	0
October 26, 2015																		0	0	0	0	0	0	0
October 27, 2015																		0	0	0	0	0	0	0
October 28, 2015																		0	0	0	0	0	0	0
October 29, 2015																		0	0	0	0	0	0	0
October 30, 2015																		0	0	0	0	0	0	0
October 31, 2015																		0	0	0	0	0	0	0
Total of Month	168.00	168.00	88.00	232.00	64.00	0.00	152.00	384.00	28.00	136.00	44.00	0.00	400.00	248.00	579.00	411.00	0.00	53.00	56.00	74.00	50.00	154.75	379.75	8.00

* Total Man-days = Total Hours / 8

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Annex I:

Risk Register

None encountered to date



Annex J:

October CPM Schedule

Activity ID	Activity Name	Original Duration	Actual Start	Actual Finish	Total Float	Activity % Complete	2015												2016		
							Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Revised - VO 02 Ras Al Tawil & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi Booster Station							29-Oct-15 A, Revised - VO 02 R...														
Milestones							29-Oct-15 A, Milestones														
General Milestones							29-Oct-15 A, General Milestone...														
UDS-A-001	Notice to Proceed (NTP)	0.00	04-Nov-14			100%	◆ Notice to Proceed (NTP)														
UDS-A-011	Completion of Task Order	0.00		29-Oct-15		100%	◆ Completion of Task Order														
Intermediate Milestones							29-Oct-15 A, Intermediate Mile...														
UDS-IA-01	Start of Mobilization	0.00	04-Nov-14			100%	◆ Start of Mobilization														
UDS-IA-02	Finish of Mobilization	0.00		17-Dec-14		100%	◆ Finish of Mobilization														
UDS-IA-03	Start of Pre-Construction Submittals	0.00	04-Nov-14			100%	◆ Start of Pre-Construction Subm...														
UDS-IA-04	Finish of Pre-Construction Submittals	0.00		23-Feb-15		100%	◆ Finish of Pre-Construction Sub...														
UDS-IA-05	Start of Construction Submittals	0.00	10-Nov-14			100%	◆ Start of Construction Submitta...														
UDS-IA-06	Finish of Construction Submittals	0.00		01-Oct-15		100%	◆ Finish of Construction Submitt...														
UDS-IA-16	Start of Construction (Ground Breaking)	0.00	31-Jan-15			100%	◆ Start of Construction (Ground ...														
UDS-IA-20	Start of Construction of Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A	0.00	31-Jan-15			100%	◆ Start of Construction of Ras A...														
UDS-IA-26	Finish of Construction of Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A	0.00		06-Oct-15		100%	◆ Finish of Construction of Ras ...														
UDS-IA-30	Start of Construction of Al Safi Booster Station – Phase I Pipeline Connection	0.00	07-Feb-15			100%	◆ Start of Construction of Al Sa...														
UDS-IA-36	Finish of Construction of Al Safi Booster Station – Phase I Pipeline Connection	0.00		06-Oct-15		100%	◆ Finish of Construction of Al S...														
UDS-IA-46	Project Duration	275.00	04-Nov-14	29-Oct-15		100%	Project Duration														
UDS-IA-56	Issuance of VO 01	0.00	27-May-15			100%	◆ Issuance of VO 01														
UDS-IA-66	Issuance of VO 02	0.00	13-Aug-15			100%	◆ Issuance of VO 02														
PreConstruction Phase							26-Mar-15 A, PreConstruction P...														
Construction Phase							29-Oct-15 A, Construction Phas...														
Construction Submittals							08-Sep-15 A, Construction Subm...														
Procurement							31-Aug-15 A, Procurement														
Execution							29-Oct-15 A, Execution														
Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A							29-Oct-15 A, Ras Al Taweel & A...														
Yatta Junction Traffic Control							01-Oct-15 A, Yatta Junction Tr...														
E-R880	Implementation of Traffic Control Plan at Yatta Junction and Bani Naim reservoir	2.00	25-Jan-15	31-Jan-15		100%	■ Implementation of Traffic Cont...														
E-R890	Maintain of Traffic Control Plan at Yatta Junction and Bani Naim reservoir	83.00	31-Jan-15	16-Jul-15		100%	Maintain of Traffic Control Pl...														
Yatta Junction and Bani Naim Reservoir Service Connection							11-Aug-15 A, Yatta Junction an...														
E-R110	Construction of Flow Monitoring chamber as per detail M-VCFM at Yatta Junction (Yaqaen)	10.00	06-Jul-15	11-Aug-15		100%	■ Construction of Flow Monitorin...														
E-R120	Construction of DN 500 mm Check Valve chamber as per detail A/M-0001 at Yatta Junction	15.00	24-Feb-15	19-Mar-15		100%	■ Construction of DN 500 mm Chec...														
E-R130	Construction of Bani Naim Reservoir Connection Chamber as per Detail A/M-0002	20.00	31-Jan-15	15-Apr-15		100%	■ Construction of Bani Naim Rese...														
E-R980	Construction of DN 500mm Butterfly Valve chamber on the existing 500 mm DIP Pipe at Yatta Junction	15.00	28-Feb-15	17-Mar-15		100%	■ Construction of DN 500mm Butte...														
E-R990	Construction of DN 400 mm Check Valve chamber on the existing 400mm DIP pipe at Yatta Junction	15.00	28-Feb-15	17-Mar-15		100%	■ Construction of DN 400 mm Chec...														
Testing of Existing Pipeline							01-Oct-15 A, Testing of Existi...														
E-T-01	Clean, disinfect and test existing 500 mm DIP pipeline from Halhoul Regional Reservoir to connection	7.00	01-Dec-14	01-Oct-15		100%	Clean, disinfect and test exis...														
Phase 1							06-Jul-15 A, Phase 1														
E-R100	Implementation of Traffic Control Plan Phase 1	2.00	23-Mar-15	31-Mar-15		100%	■ Implementation of Traffic Cont...														
E-R850	Maintain of Traffic Control Plan Phase 1	42.30	31-Mar-15	06-Jul-15		100%	Maintain of Traffic Control Pl...														
Pipeline segment from Station 1+000 to station 2+000							20-Jun-15 A, Pipeline segment ...														
Dual Trench 500mm and 150mm Pipelines and chambers							18-May-15 A, Dual Trench 500mm...														
E-R140	Cut-in Connect to existing 500mm DIP as per detail A/CD-0001 and 6" pipe (Southern Connection)	5.00	07-May-15	07-May-15		100%	Cut-in Connect to existing 500...														
E-R150	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 1+000 to ST 2+000	20.00	05-Apr-15	04-May-15		100%	■ Exc., Bed., Install. and Backf...														
E-R160	Construction of 150mm Gate Valve chamber at station 0+956	15.00	29-Apr-15	18-May-15		100%	■ Construction of 150mm Gate Val...														
E-R170	Construction of 500mm BFV chamber at station 1+017 (Bani Na'im BFV Chamber 1)	15.00	15-Apr-15	18-May-15		100%	■ Construction of 500mm BFV cham...														
E-R175	Construction of 200mm WO chamber at station 1+205 for 500mm pipe	15.00	02-May-15	18-May-15		100%	■ Construction of 200mm WO chamb...														
E-R280	Construction of 150mm Gate Valve chamber at station 1+955	15.00	02-May-15	18-May-15		100%	■ Construction of 150mm Gate Val...														
80mm pipes and chambers							20-Jun-15 A, 80mm pipes and ch...														
E-R180	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 0+959	1.00	05-May-15	01-Jun-15		100%	■ Excavation, Bedding, Installat...														
E-R190	Construction of 80mm Gate Valve chamber at station 0+959	15.00	05-May-15	20-Jun-15		100%	■ Construction of 80mm Gate Valv...														
E-R220	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+440	1.00	04-May-15	20-May-15		100%	■ Excavation, Bedding, Installat...														
E-R230	Construction of 80mm Gate Valve chamber at station 1+440	15.00	04-May-15	07-Jun-15		100%	■ Construction of 80mm Gate Valv...														
E-R240	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+820	1.00	19-May-15	19-May-15		100%	Excavation, Bedding, Installat...														
E-R250	Construction of 80mm Gate Valve chamber at station 1+820	15.00	20-May-15	06-Jun-15		100%	■ Construction of 80mm Gate Valv...														
E-R260	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+955	1.00	03-May-15	21-May-15		100%	■ Excavation, Bedding, Installat...														
E-R270	Construction of 80mm Gate Valve chamber at station 1+955	15.00	03-May-15	08-Jun-15		100%	■ Construction of 80mm Gate Valv...														
Phase 2							17-Aug-15 A, Phase 2														

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

Activity ID	Activity Name	Original Duration	Actual Start	Actual Finish	Total Float	Activity % Complete	2015												2016		
							Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Pipeline segment from Station 2+000 to station 3+000							14-Jul-15 A, Pipeline segment ...														
E-R830	Implementation of Traffic Control Plan Phase 2	2.00	20-Apr-15	22-Apr-15		100%	Implementation of Traffic Cont...														
E-R860	Maintain of Traffic Control Plan Phase 2	73.00	22-Apr-15	14-Jul-15		100%	Maintain of Traffic Control Pl...														
Dual Trench 500mm and 150mm Pipelines and chambers							30-Jun-15 A, Dual Trench 500mm...														
E-R300	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 2+000 to ST 3+000	20.00	22-Apr-15	19-May-15		100%	Exc., Bed., Install. and Backf...														
E-R350	Construction of 500mm BFV chamber at station 2+513 (500mm isolation chamber 2)	15.00	18-May-15	03-Jun-15		100%	Construction of 500mm BFV cham...														
E-R372	Construction of 100mm AVAR chamber at station 2+222 for 500mm pipe	15.00	17-May-15	17-Jun-15		100%	Construction of 100mm AVAR cha...														
E-R400	Construction of Flow Meter Monitoring chamber at station 2+510	15.00	07-May-15	03-Jun-15		100%	Construction of Flow Meter Mon...														
E-R700	Construction of 75mm AVAR chamber at station 2+220 for 150mm pipe	15.00	17-May-15	30-Jun-15		100%	Construction of 75mm AVAR cham...														
80mm pipes and chambers							07-Jun-15 A, 80mm pipes and ch...														
E-R310	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 2+367	1.00	17-May-15	19-May-15		100%	Excavation, Bedding, Installat...														
E-R320	Construction of 80mm Gate Valve chamber at station 2+367	15.00	18-May-15	07-Jun-15		100%	Construction of 80mm Gate Valv...														
E-R900	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 2+506	1.00	17-May-15	19-May-15		100%	Excavation, Bedding, Installat...														
E-R910	Construction of 80mm Gate Valve chamber at station 2+506	15.00	18-May-15	07-Jun-15		100%	Construction of 80mm Gate Valv...														
E-R920	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 2+940	1.00	17-May-15	19-May-15		100%	Excavation, Bedding, Installat...														
E-R930	Construction of 80mm Gate Valve chamber at station 2+940	15.00	18-May-15	07-Jun-15		100%	Construction of 80mm Gate Valv...														
Pipeline segment from Station 3+000 to station 4+000							17-Aug-15 A, Pipeline segment ...														
Dual Trench 500mm and 150mm Pipelines and chambers							17-Aug-15 A, Dual Trench 500mm...														
E-R330	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 3+000 to ST 4+000	20.00	07-May-15	02-Jun-15		100%	Exc., Bed., Install. and Backf...														
E-R360	Construction of 75mm AVAR chamber at station 3+032 for 150mm pipe	15.00	20-May-15	17-Jun-15		100%	Construction of 75mm AVAR cham...														
E-R370	Construction of 100mm AVAR chamber at station 3+030 for 500mm pipe	15.00	20-May-15	17-Jun-15		100%	Construction of 100mm AVAR cha...														
E-R420	Construction of 200mm WO chamber at station 3+513 for 500mm pipe	15.00	27-May-15	17-Jun-15		100%	Construction of 200mm WO chamb...														
E-R490	Construction of 75mm AVAR chamber at station 3+862 for 150mm pipe	15.00	16-Jun-15	17-Aug-15		100%	Construction of 75mm AVAR cham...														
E-R500	Construction of 100mm AVAR chamber at station 3+860 for 500mm pipe	15.00	16-Jun-15	17-Aug-15		100%	Construction of 100mm AVAR cha...														
E-R510	Construction of 75mm WO chamber at station 3+995 for 150mm pipe	15.00	01-Jun-15	17-Jun-15		100%	Construction of 75mm WO chambe...														
E-R520	Construction of 200mm WO chamber at station 4+000 for 500mm pipe	15.00	01-Jun-15	14-Jul-15		100%	Construction of 200mm WO chamb...														
80mm pipes and chambers							16-Jul-15 A, 80mm pipes and ch...														
E-R380	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+238	1.00	18-May-15	26-May-15		100%	Excavation, Bedding, Installat...														
E-R390	Construction of 80mm Gate Valve chamber at station 3+238	15.00	19-May-15	04-Jun-15		100%	Construction of 80mm Gate Valv...														
E-R430	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+415	1.00	26-May-15	01-Jun-15		100%	Excavation, Bedding, Installat...														
E-R440	Construction of 80mm Gate Valve chamber at station 3+415	15.00	26-May-15	20-Jun-15		100%	Construction of 80mm Gate Valv...														
E-R450	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+631	1.00	27-May-15	01-Jun-15		100%	Excavation, Bedding, Installat...														
E-R460	Construction of 80mm Gate Valve chamber at station 3+631	15.00	27-May-15	20-Jun-15		100%	Construction of 80mm Gate Valv...														
E-R470	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+852	1.00	31-May-15	04-Jun-15		100%	Excavation, Bedding, Installat...														
E-R480	Construction of 80mm Gate Valve chamber at station 3+852	15.00	31-May-15	16-Jul-15		100%	Construction of 80mm Gate Valv...														
Phase 3							11-Oct-15 A, Phase 3														
Pipeline segment from Station 4+000 to station 5+000							11-Oct-15 A, Pipeline segment ...														
E-R840	Implementation of Traffic Control Plan Phase 3 (Area C)	2.00	17-May-15	19-May-15		100%	Implementation of Traffic Cont...														
E-R870	Maintain of Traffic Control Plan Phase 3 (Area C)	96.00	03-Jun-15	11-Oct-15		100%	Maintain of Traffic Control Pl...														
Dual Trench 500mm and 150mm Pipelines and chambers							25-Aug-15 A, Dual Trench 500mm...														
E-R530	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 4+000 to ST 5+000	20.00	19-May-15	15-Jun-15		100%	Exc., Bed., Install. and Backf...														
E-R560	Construction of 75mm AVAR chamber at station 4+393 for 150mm pipe	15.00	17-Jun-15	20-Aug-15		100%	Construction of 75mm AVAR cham...														
E-R570	Construction of 150mm AVAR chamber at station 4+395 for 500mm pipe	15.00	17-Jun-15	17-Aug-15		100%	Construction of 150mm AVAR cha...														
E-R600	Construction of 150mm Gate Valve chamber at station 4+680	15.00	07-Jul-15	17-Aug-15		100%	Construction of 150mm Gate Val...														
E-R650	Construction of 200mm WO chamber at station 4+603 for 500mm pipe	15.00	07-Jul-15	17-Aug-15		100%	Construction of 200mm WO chamb...														
E-R660	Excavation, Bedding, Installation and Backfilling of 150mm steel pipeline from station 4+850 to station 4+865	2.00	02-Jun-15	02-Aug-15		100%	Excavation, Bedding, Installat...														
E-R670	Construction of 150mm Gate Valve chamber at station 4+815	15.00	23-Jul-15	19-Aug-15		100%	Construction of 150mm Gate Val...														
E-R680	Construction of Al-Uddeisa Emergency Service Connection Chamber at Station 4+860 as per detail M-0004	20.00	09-Jul-15	25-Aug-15		100%	Construction of Al-Uddeisa Eme...														
E-R690	Construction of 150mm Gate Valve chamber at station 4+895	15.00	24-Jun-15	22-Aug-15		100%	Construction of 150mm Gate Val...														
E-R710	Construction of 150mm AVAR chamber at station 4+900 for 500mm pipe	15.00	01-Jul-15	24-Aug-15		100%	Construction of 150mm AVAR cha...														
80mm pipes and chambers							05-Sep-15 A, 80mm pipes and ch...														
E-R540	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+098	1.00	09-Jun-15	01-Aug-15		100%	Excavation, Bedding, Installat...														
E-R550	Construction of 80mm Gate Valve chamber at station 4+098	15.00	09-Jun-15	18-Aug-15		100%	Construction of 80mm Gate Valv...														
E-R620	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+428	1.00	04-Jul-15	01-Aug-15		100%	Excavation, Bedding, Installat...														
E-R630	Construction of 80mm Gate Valve chamber at station 4+428	15.00	04-Jul-15	18-Aug-15		100%	Construction of 80mm Gate Valv...														
E-R635	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+575	1.00	17-Jun-15	01-Aug-15		100%	Excavation, Bedding, Installat...														
E-R645	Construction of 80mm Gate Valve chamber at station 4+575	15.00	17-Jun-15	18-Aug-15		100%	Construction of 80mm Gate Valv...														
E-R720	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+981	1.00	23-Jul-15	02-Aug-15		100%	Excavation, Bedding, Installat...														
E-R730	Construction of 80mm Gate Valve chamber at station 4+981	15.00	23-Jul-15	05-Sep-15		100%	Construction of 80mm Gate Valv...														

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



Annex K:

S-Curve versus Actual



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

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

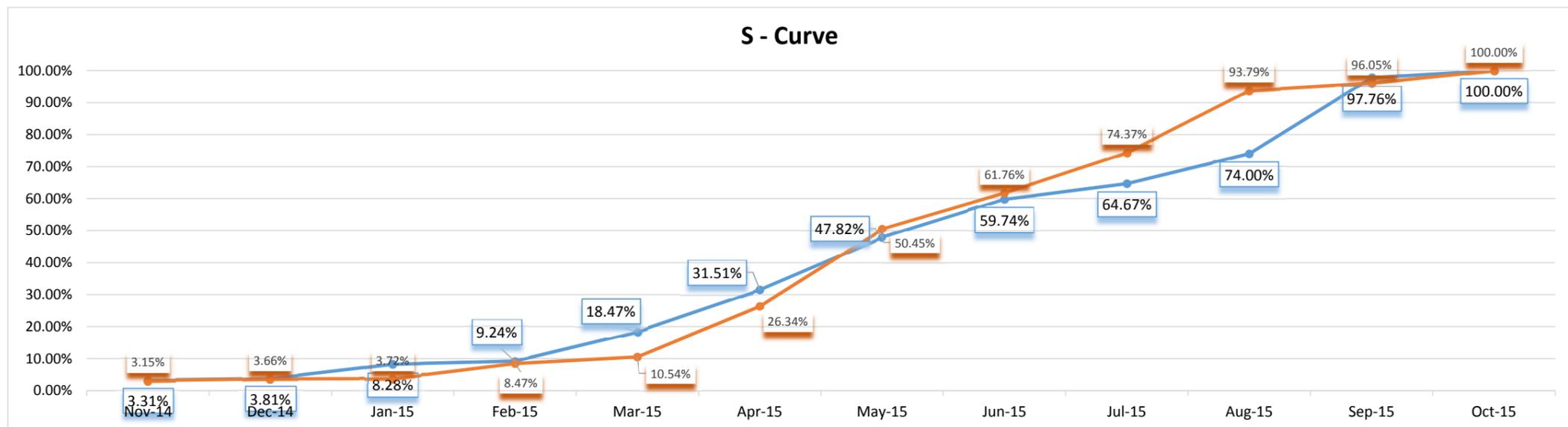
TASK ORDER NO. AID-294-TO-14-00002

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

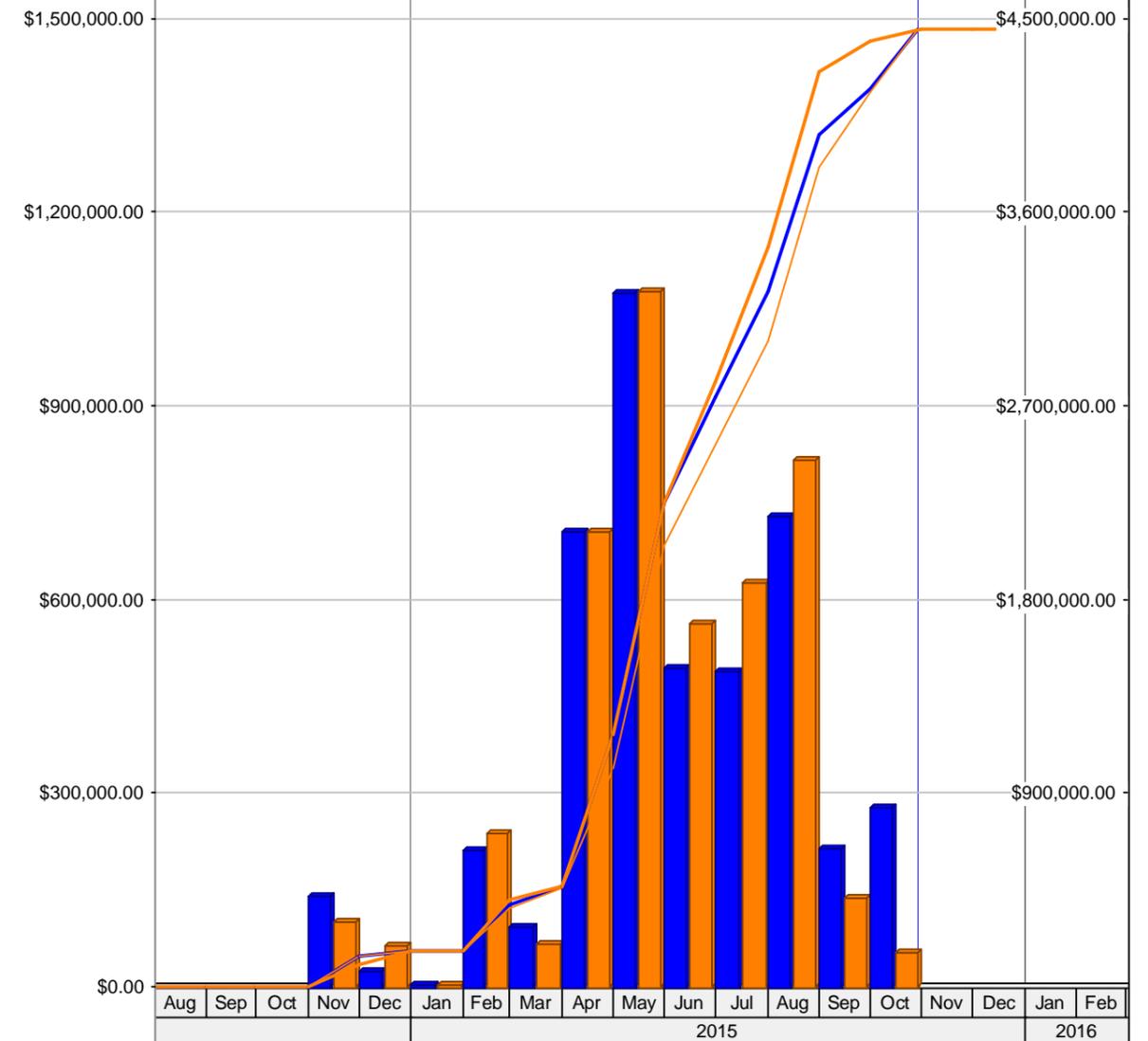


Revised S-Curve R03

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%
Planned Value (Revised CPM)	\$ 140,549.50	\$22,620.16	\$2,614.72	\$211,826.22	\$92,096.62	\$704,743.77	\$1,074,856.69	\$504,381.93	\$562,030.86	\$865,988.52	\$100,599.82	\$176,189.53
Accumulative Planned Value (Revised CPM)	\$ 140,549.50	\$ 163,169.66	\$165,784.38	\$ 377,610.60	\$ 469,707.22	\$ 1,174,450.99	\$ 2,249,307.68	\$ 2,753,689.61	\$ 3,315,720.47	\$ 4,181,708.99	\$ 4,282,308.81	\$ 4,458,498.34
Planned % (Revised CPM)	3.15%	0.51%	0.06%	4.75%	2.07%	15.81%	24.11%	11.31%	12.61%	19.42%	2.26%	3.95%
Accumulative Planned % (Revised CPM)	3.15%	3.66%	3.72%	8.47%	10.54%	26.34%	50.45%	61.76%	74.37%	93.79%	96.05%	100.00%



WBS Name	Start	Finish	Schedule % Complete	Cost % Complete	2015												2016	
					Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Revised - VO 02 Ras Al Tawil & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi B	04-Nov-14 A	29-Oct-15 A	100%	100%	[Summary Bar]													
Milestones	04-Nov-14 A	29-Oct-15 A	0%	0%	[Summary Bar]													
General Milestones	04-Nov-14 A	29-Oct-15 A	0%	0%	[Summary Bar]													
Intermediate Milestones	04-Nov-14 A	29-Oct-15 A	0%	0%	[Summary Bar]													
PreConstruction Phase	04-Nov-14 A	26-Mar-15 A	100%	100%	[Summary Bar]													
Mobilization	04-Nov-14 A	10-Dec-14 A	100%	100%	[Summary Bar]													
PreConstruction Submittals	04-Nov-14 A	23-Feb-15 A	0%	0%	[Summary Bar]													
Traffic Control Plan, Coordination and Permits	04-Nov-14 A	26-Mar-15 A	0%	0%	[Summary Bar]													
Construction Phase	10-Nov-14 A	29-Oct-15 A	100%	100%	[Summary Bar]													
Construction Submittals	10-Nov-14 A	08-Sep-15 A	0%	0%	[Summary Bar]													
Procurement	17-Dec-14 A	31-Aug-15 A	0%	0%	[Summary Bar]													
Execution	01-Dec-14 A	29-Oct-15 A	100%	100%	[Summary Bar]													
Post Construction Phase	07-Oct-15 A	29-Oct-15 A	100%	100%	[Summary Bar]													
Post Construction Submittals	07-Oct-15 A	29-Oct-15 A	100%	100%	[Summary Bar]													



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

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



Annex L:

As Built CPM Schedule and Narrative Report (as per VO#3)



UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT
WEST BANK / GAZA

LOCAL CONSTRUCTION PROGRAM
(LCP)

CMC: BLACK & VEATCH

As Built CPM Schedule
October 29, 2015

Prepared by:



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

As Built 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. Variation Order

Variation Order	Impact on the CPM Schedule
<u>Variation Order No. 01</u> <u>1. Changes in Requirements.</u>	
<ul style="list-style-type: none"> • 1.1 Use of Steel Mini Guards in lieu of Concrete New Jersey Barrier. 	No Impact
<ul style="list-style-type: none"> • 1.2 Modifications to the Original 	New activities were added to capture the new

Chambers Designs and Requirements.	scope of work and activity description was modified to reflect the modified scope.
<ul style="list-style-type: none"> 1.3 Changes in the Trench Typical Cross Section for Main Pipeline. 	No impact
<ul style="list-style-type: none"> 1.4 Additional Work for the Segment from Sta. 2+100 to Sta. 5+585. 	New activities were added to capture the new scope of work
<ul style="list-style-type: none"> New Project Definitive Quantities 	Impacted the cost loading of all related activities as revised in VO 01.
<u>Variation Order No. 02</u>	
<u>New Items and New Definitive Quantities</u>	
<ul style="list-style-type: none"> 1.1 Supply and Install 3/4" Steel Pipeline Crossings. 	New activity was added for supply and install 3/4" pipeline crossing.
<ul style="list-style-type: none"> 1.2 Provide Concrete Protection where Necessary. 	New activities were added to capture the new scope of work
<ul style="list-style-type: none"> 1.3 Construction of Storm Water Catch Basin at Sta. 4+600. 	New activities were added to capture the new scope of work
<ul style="list-style-type: none"> New Project Definitive Quantities 	Impacted the cost loading of all related activities as per revised BOQ quantity issued under in VO 02.
<u>Variation Order No. 03</u>	
<ul style="list-style-type: none"> Pre-Final Definitive Quantities 	Impacted the cost loading of all related activities as per revised BOQ quantity issued under in VO 03.

1.5. Overview Map

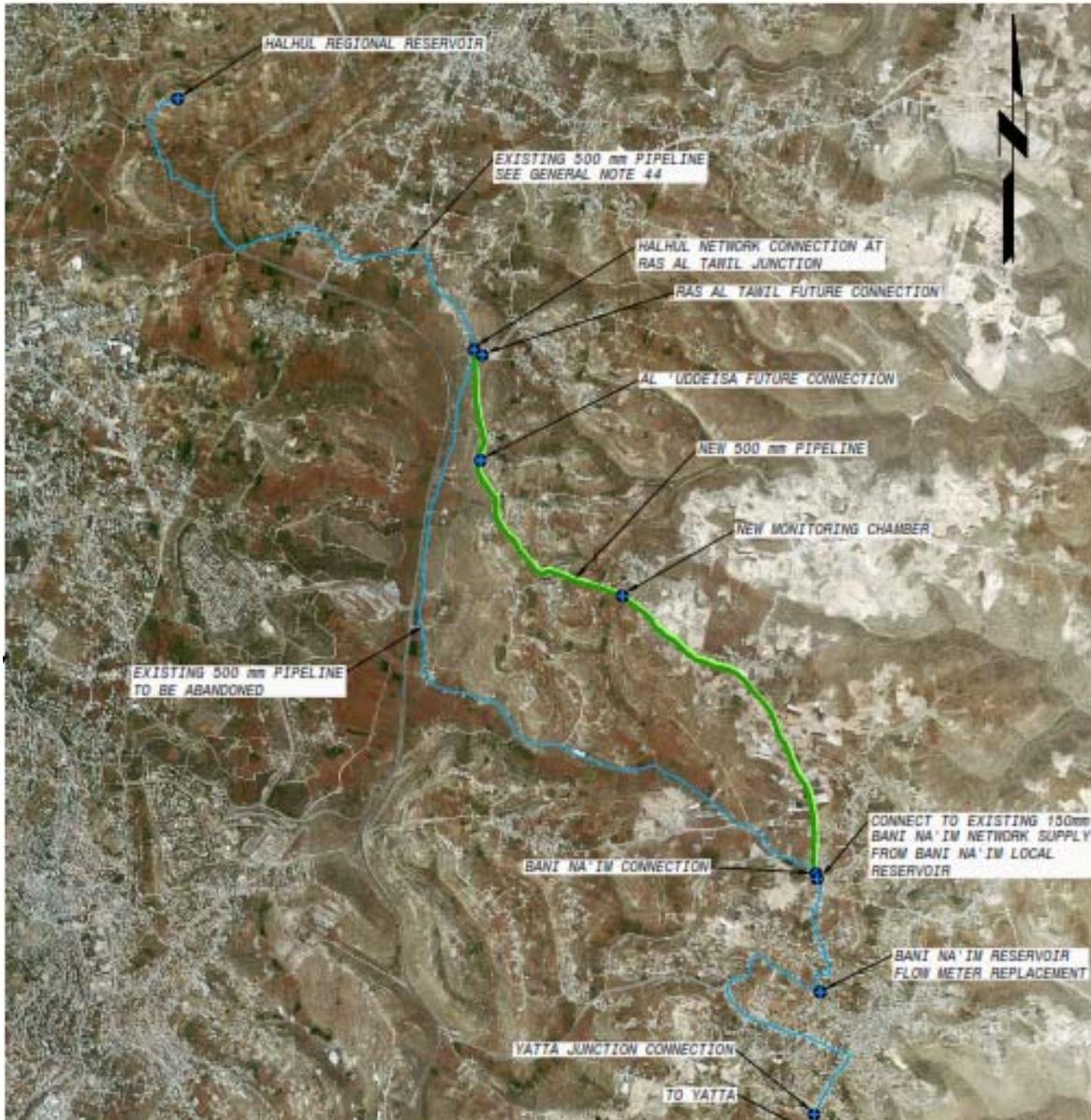
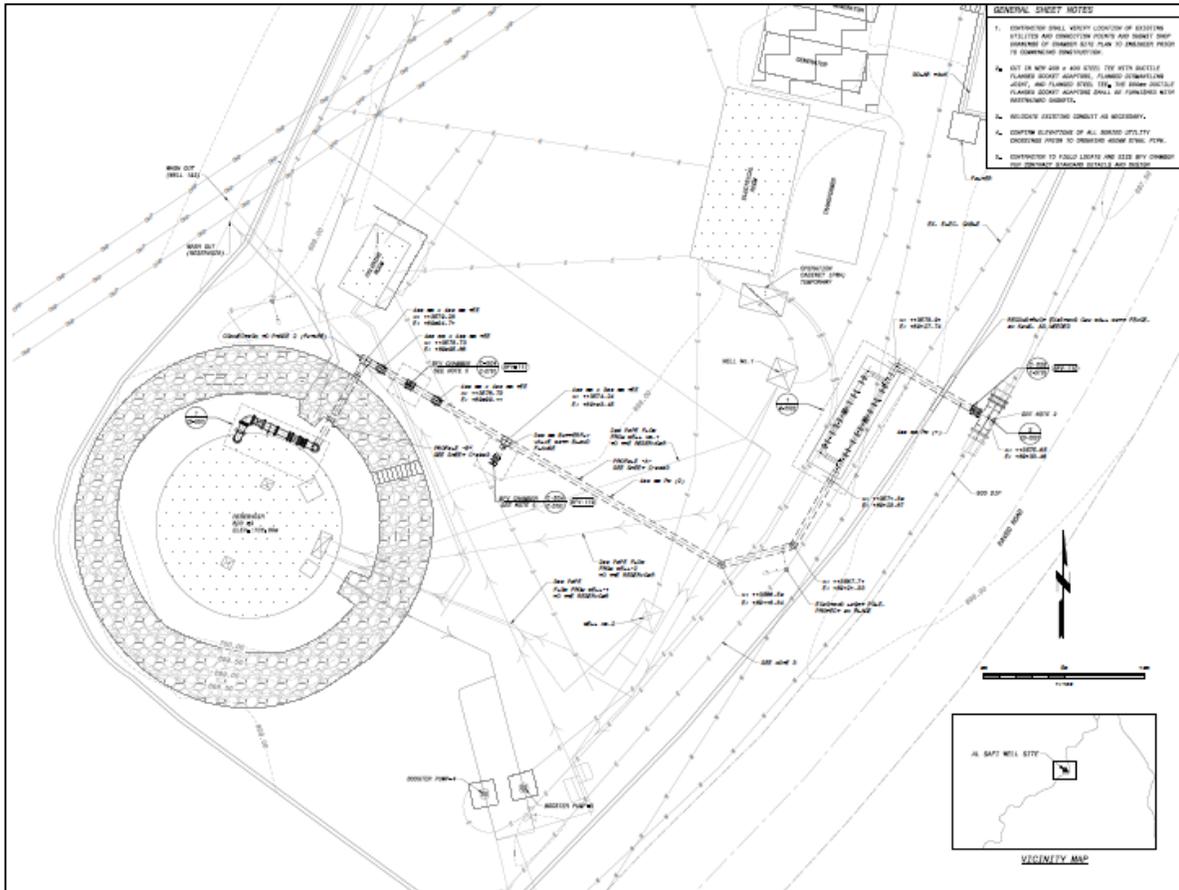


Figure 1: RAS AL TAWIL & AL 'UDEISA WATER INFRASTRUCTURE PHASE 1A



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



2. Task Order Key Data

Task Order Name	RAS AL TAWIL & AL 'UDEISA 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	\$ 4,458,598.34
Modified Day work Amount	\$ 4,237.66
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)	January 31, 2015

3. Project Dashboard Status

Contract Elapsed Time as of October 29, 2015 [%]	100 % (360 days)
Planned Percentage of Completion through October 29, 2015 [%]	100 %
Actual Percentage of Completion through October 29, 2015 [%]	100 %
Float (Days)	0 days

4. Contract Milestones:

The contractual milestones are:

Start Milestone - Notice to Proceed: November 04, 2014

Finish Milestone - Project Completion: October 29, 2015

5. 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.

6. 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).

7. 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.

8. 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.

9. Period of Performance

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

1. Task Order Constraints

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

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

Preparation & Submit Environmental Monitoring and Mitigation Plan	Due no later than 45 days after issuance of NTP, and prior to commencement of any construction activity.
Preparation & Submit Original CPM Construction Schedule	Due no later than 45 days after issuance of NTP

10. SAK General approach and Work Plan

Saqqa 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.

Saqqa 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 Baseline schedule WBS.

11. As Built Work Breakdown Structure WBS:

WBS Code	WBS Name
TO 14-02 Revised-VO2	Revised - VO 02 Ras Al Tawil & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi Booster Station
TO 14-02 Revised-VO2.1	Milestones
TO 14-02 Revised-VO2.1.1	General Milestones
TO 14-02 Revised-VO2.1.2	Intermediate Milestones
TO 14-02 Revised-VO2.2	PreConstruction Phase
TO 14-02 Revised-VO2.2.MOB	Mobilization
TO 14-02 Revised-VO2.2.2	PreConstruction Submittals
TO 14-02 Revised-VO2.2.1	Traffic Control Plan, Coordination and Permits
TO 14-02 Revised-VO2.3	Construction Phase
TO 14-02 Revised-VO2.3.1	Construction Submittals
TO 14-02 Revised-VO2.3.1.1	Shopdrawing submittals
TO 14-02 Revised-VO2.3.1.1.1	Water Pipeline Shopdrawing
TO 14-02 Revised-VO2.3.1.1.1.1	500mm, 150mm and 80mm Pipes
TO 14-02 Revised-VO2.3.1.1.1.2	Connect to the existing
TO 14-02 Revised-VO2.3.1.1.2	Chambers Shopdrawing
TO 14-02 Revised-VO2.3.1.1.2.1	Gate Valve Chambers
TO 14-02 Revised-VO2.3.1.1.2.2	AVAR Chambers
TO 14-02 Revised-VO2.3.1.1.2.3	WO Washout Chambers
TO 14-02 Revised-VO2.3.1.1.2.4	BFV Chambers
TO 14-02 Revised-VO2.3.1.1.2.5	Flow Meter Monitoring chamber
TO 14-02 Revised-VO2.3.1.1.2.6	Connection Chambers
TO 14-02 Revised-VO2.3.1.1.2.7	Check Valve Chambers
TO 14-02 Revised-VO2.3.1.1.5	Civil Shopdrawing
TO 14-02 Revised-VO2.3.1.1.3	Al-Safi Shopdrawing
TO 14-02 Revised-VO2.3.1.2	Material Submittals
TO 14-02 Revised-VO2.3.1.2.1	Mechanical Material Submittals
TO 14-02 Revised-VO2.3.1.2.2	Civil Material Submittals
TO 14-02 Revised-VO2.3.1.2.3	Electrical Material Submittals
TO 14-02 Revised-VO2.3.1.3	Method Statement
TO 14-02 Revised-VO2.3.1.4	Miscellaneous
TO 14-02 Revised-VO2.3.5	Procurement
TO 14-02 Revised-VO2.3.5.1	Procurement of Mechanical Pipes and Fittings
TO 14-02 Revised-VO2.3.5.2	Procurement of Electrical Materials
TO 14-02 Revised-VO2.3.2	Execution
TO 14-02 Revised-VO2.3.2.1	Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A
TO 14-02 Revised-VO2.3.2.1.3	Yatta Junction Traffic Control
TO 14-02 Revised-VO2.3.2.1.3.6	Yatta Junction and Bani Naim Reservoir Service Connection
TO 14-02 Revised-VO2.3.2.1.3.7	Testing of Existing Pipeline
TO 14-02 Revised-VO2.3.2.1.12	Phase 1
TO 14-02 Revised-VO2.3.2.1.12.1	Pipeline segment from Station 1+000 to station 2+000
TO 14-02 Revised-VO2.3.2.1.12.1.1	Dual Trench 500mm and 150mm Pipelines and chambers
TO 14-02 Revised-VO2.3.2.1.12.1.2	80mm pipes and chambers
TO 14-02 Revised-VO2.3.2.1.1	Phase 2
TO 14-02 Revised-VO2.3.2.1.1.2	Pipeline segment from Station 2+000 to station 3+000
TO 14-02 Revised-VO2.3.2.1.1.2.1	Dual Trench 500mm and 150mm Pipelines and chambers
TO 14-02 Revised-VO2.3.2.1.1.2.2	80mm pipes and chambers
TO 14-02 Revised-VO2.3.2.1.1.3	Pipeline segment from Station 3+000 to station 4+000
TO 14-02 Revised-VO2.3.2.1.1.3.1	Dual Trench 500mm and 150mm Pipelines and chambers
TO 14-02 Revised-VO2.3.2.1.1.3.2	80mm pipes and chambers
TO 14-02 Revised-VO2.3.2.1.2	Phase 3
TO 14-02 Revised-VO2.3.2.1.2.4	Pipeline segment from Station 4+000 to station 5+000
TO 14-02 Revised-VO2.3.2.1.2.4.1	Dual Trench 500mm and 150mm Pipelines and chambers
TO 14-02 Revised-VO2.3.2.1.2.4.2	80mm pipes and chambers
TO 14-02 Revised-VO2.3.2.1.2.5	Pipeline segment from Station 5+000 to station 5+580.24
TO 14-02 Revised-VO2.3.2.1.2.5.1	Dual Trench 500mm and 150mm Pipelines and chambers
TO 14-02 Revised-VO2.3.2.1.2.5.2	80mm pipes and chambers
TO 14-02 Revised-VO2.3.2.1.8	Mechanical Electrical installation
TO 14-02 Revised-VO2.3.2.1.8.1	Mechanical Valves and Fittings
TO 14-02 Revised-VO2.3.2.1.8.2	Instrumentation and SCADA Programming
TO 14-02 Revised-VO2.3.2.1.8.3	Cathodic Protection
TO 14-02 Revised-VO2.3.2.1.9	Reinstatement and Road Work
TO 14-02 Revised-VO2.3.2.1.9.4	Change in Plan/Profile for the road form Sta. 2+100 to Sta. 5+585
TO 14-02 Revised-VO2.3.2.1.11	Miscellaneous
TO 14-02 Revised-VO2.3.2.1.10	Testing, Training and Commissioning
TO 14-02 Revised-VO2.3.2.2	Al Safi Booster Station – Phase 1 Pipeline Connection
TO 14-02 Revised-VO2.3.2.2.1	Civil and Mechanical Work
TO 14-02 Revised-VO2.3.2.2.2	SCADA Programming
TO 14-02 Revised-VO2.3.2.2.3	Testing, Training and Commissioning
TO 14-02 Revised-VO2.3.2.4	Variation Orders
TO 14-02 Revised-VO2.3.2.4.2	Variation Order no 02
TO 14-02 Revised-VO2.4	Post Construction Phase
TO 14-02 Revised-VO2.4.1	Post Construction Submittals

12. Work Groups and Crews:

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

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

1. Group 1: Transmission Pipelines group

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

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

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

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

2. Group 2: Instrumentations and SCADA

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

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

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

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

Table-1: Resources (Manpower and Equipment)

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	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	Pressure Testing Apparatus						
Survey Work	SAK	2		2					2		2																									
Shop Drawings		1							2																											
Traffic, Control, Detour and Safety Measures		1	1		1					1	1				1									1												
Group 1																																				
Transmission Pipelines																																				
Trench Excavation	SAK	1							3	3			1																							
Bedding & Backfilling		1							3	2											2															
Pipeline Installation and Cathode Protection		1	1						2	3	2			1					1	4			1									2				
Concrete Encasement						2			3	2													1													
Civil & Structural works for valves and connection Chambers		1	2	20	4	6	5		2	3	1				2	2	1						1			2										
Mechanical works for valves and connection Chambers		1	1						1	2	3																					1				
Restoration, Cleaning Washing, Hydraulic/Weld testing & Disinfection		1								2	3														1										2	

Table-2: Resources (Manpower and Equ

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
Asphalt/Road Reinstatement																													
Asphalt/Road Reinstatement	SAK	1			5				4	5		2			1		1	1			1	1	1				1	1	
Group 2																													
Electro-mechanical Works																													
Instrumentations & SCADA works	SAK	1							3	2																			1

13. 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.

14. Scheduling assumptions

14.1. Project Constraint:

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

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

14.2. Activity Codes:

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

14.3. Calendars:

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

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

- Working Days: 7 days / week.
- Working Hours: 8 hours / day.
- UDSI - 6 Day Work: for Contractor's activities:
 - Working Days: 6 days / week
 - Working Hours: 8 hours / day
 - Weekly Holiday: Friday
 - Including local holidays listed below.
 - Including rainy days listed below.
- UDSI - 5 Day Work: for Engineer's activities:
 - Working Days: 5 days / week
 - Working Hours: 8 hours / day
 - Weekly Holiday: Friday and Saturday.
 - Including local holidays listed below.
- Working Hours (Normal): 8 hours / day,
- Working Hours during month of Ramadan: Saturday – Thursday, 5 hours / day,

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

- Official Palestinian Holidays:
 - ✓ November 15, 2014: Independence Day (Palestinian State Declaration)
 - ✓ December 25, 2014: Christmas Day (Western calendar).
 - ✓ January 01, 2015: National Day
 - ✓ April 12, 2015: Easter Day (Eastern)
 - ✓ May 01, 2015: Labor Day (International)
 - ✓ July 18 to July 20, 2015: Eid al-Fitr (Feast of Breaking the Fast)
 - ✓ September 23 to September 27, 2015: Eid al-Adha (Feast of the Sacrifice)
 - ✓ November 15, 2015: Independence Day (Palestinian State Declaration)
 - ✓ December 25, 2015: Christmas Day (Western calendar).
 - ✓ Any public holiday that falls on a Friday will be taken on a Thursday but if that Thursday is part of the holiday then the preceding non-holiday day will be taken instead
 - ✓ Any public holiday that falls on a Saturday (for UDSI - 5 Day Work) will be taken on a Sunday but if that Sunday is part of the holiday then the following non-holiday day will be taken instead

- Weather Delays:

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

- ✓ Two days during November 2014: November 23 and 24, 2014.
- ✓ Two days during December 2014: December 15 and 16, 2014.
- ✓ Five days during January 2015: January 3, 4, 7, 8, and 10, 2015.
- ✓ Two days during February 2015: February 5, 7, 2015.
- ✓ One day during March 2015: March 5, 2015.

✓ **Actual Rainy Days**

Date	Weather
Saturday, January 03, 2015	Rain
Sunday, January 04, 2015	Rain
Wednesday, January 07, 2015	Rain/Snow
Thursday, January 08, 2015	Snow
Friday, January 09, 2015	Snow
Saturday, January 10, 2015	Rain
Sunday, January 11, 2015	Rain
Thursday, January 15, 2015	Rain
Friday, January 16, 2015	Rain
Friday, February 13, 2015	Rain
Wednesday, February 18, 2015	Rain
Thursday, February 19, 2015	Snow
Friday, February 20, 2015	Snow
Saturday, February 21, 2015	Snow
Wednesday, March 04, 2015	Rain
Wednesday, April 01, 2015	Rain
Saturday, April 11, 2015	Rain
Sunday, April 12, 2015	Rain
Thursday, April 16, 2015	Rain
Thursday, April 23, 2015	Rain

14.4. Duration Estimates:

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

Duration estimate based on the Productivity rates mentioned above.

For submittal review activities, the original duration was established to be 21 working days associated with project calendar of 5 day work week, which is equal to 30 calendar days as per contract specifications

14.5. Primavera Setting

A. Schedule Options:

- i. defined as “Use expected finish dates”;
- ii. Scheduling progressed activities set as “Use only retained logic”, not progress override option;
- iii. Critical Path activities defined as Total Float less than or equal to zero;
- iv. Calculating start-to-start lag from “early start” dates; and computing total float as “finish float = late finish – early finish”;
- v. Calendar set for scheduling relationship lag as “Predecessor Activity Calendar.”

- B. Activity progress will be shown using Remaining Duration. Date format DDMMYY.
- C. The Default activity type is “Independent Task”.
- D. Date/time activity constraint(s): included in the original BL schedule as per executed task order Section F.5 REPORTS AND DELIVERABLES OR OUTPUTS.

14.6. Scheduling setting

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

- Calculate multiple float paths.....No

14.7. As - Built Scheduling Statistics:

# Projects.....	1
# Activities.....	394
# Not Started.....	0
# In Progress.....	0
# Completed.....	394
# Relationships.....	874
# Activities with Constraint.....	13

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-IA-56	Issuance of VO 01
Activity:	UDS-IA-66	Issuance of VO 02
Activity:	UDS-PC-SUB-02	Preparation & Submit Scheduling Qualification Submittal
Activity:	UDS-PC-SUB-03	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)
Activity:	UDS-PC-SUB-10	Preparation & Submit Quality Control Plan with Testing Lab C.V
Activity:	UDS-PC-SUB-11	Preparation & Submit Safety Plan
Activity:	UDS-PC-SUB-13	Preparation & Submit Environmental Monitoring and Mitigation Plan
Activity:	UDS-PC-SUB-15	Preparation & Submit Original CPM Construction Schedule
Activity:	UDS-PC-SUB-15-R&A	Review & Approval of Original CPM Construction Schedule

Graphical Report for:
UDSI – As Built Schedule October 29, 2015

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015												2016	
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
As Built - Ras Al Tawil & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi Booster Station						29-Oct-15 A, As Built -													
Milestones						29-Oct-15 A, Milestone													
General Milestones						29-Oct-15 A, General M													
UDS-A-001	Notice to Proceed (NTP)	0	04-Nov-14 A			◆ Notice to Proceed (NTP)													
UDS-A-011	Completion of Task Order	0		29-Oct-15 A														◆ Completion of Task Or	
Intermediate Milestones						29-Oct-15 A, Intermedi													
UDS-IA-01	Start of Mobilization	0	04-Nov-14 A			◆ Start of Mobilization													
UDS-IA-02	Finish of Mobilization	0		17-Dec-14 A														◆ Finish of Mobilization	
UDS-IA-03	Start of Pre-Construction Submittals	0	04-Nov-14 A			◆ Start of Pre-Construction Subm...													
UDS-IA-04	Finish of Pre-Construction Submittals	0		23-Feb-15 A														◆ Finish of Pre-Construction Sub...	
UDS-IA-05	Start of Construction Submittals	0	10-Nov-14 A			◆ Start of Construction Submitta...													
UDS-IA-06	Finish of Construction Submittals	0		01-Oct-15 A														◆ Finish of Construction Submi	
UDS-IA-16	Start of Construction (Ground Breaking)	0	31-Jan-15 A															◆ Start of Construction (Ground ...	
UDS-IA-20	Start of Construction of Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A	0	31-Jan-15 A															◆ Start of Construction of Ras A...	
UDS-IA-26	Finish of Construction of Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A	0		06-Oct-15 A														◆ Finish of Construction of Ra	
UDS-IA-30	Start of Construction of Al Safi Booster Station – Phase I Pipeline Connection	0	07-Feb-15 A															◆ Start of Construction of Al Sa...	
UDS-IA-36	Finish of Construction of Al Safi Booster Station – Phase I Pipeline Connection	0		06-Oct-15 A														◆ Finish of Construction of Al S	
UDS-IA-46	Project Duration	275	04-Nov-14 A	29-Oct-15 A														Project Duration	
UDS-IA-56	Issuance of VO 01	0	27-May-15 A															◆ Issuance of VO 01	
UDS-IA-66	Issuance of VO 02	0	13-Aug-15 A															◆ Issuance of VO 02	
PreConstruction Phase						26-Mar-15 A, PreConstruction P...													
Mobilization						10-Dec-14 A, Mobilization													
UDS-MOB-01	Pre-Construction Dilapidation Survey	5	05-Dec-14 A	10-Dec-14 A														■ Pre-Construction Dilapidation ...	
UDS-MOB-02	Provide, furnish and erect Temporary Project Signs	1	30-Nov-14 A	30-Nov-14 A														Provide, furnish and erect Tem...	
UDS-MOB-03	Supply and furnish Field Office Furniture and Miscellaneous	2	13-Nov-14 A	15-Nov-14 A														■ Supply and furnish Field Offic...	
UDS-MOB-04	Supply and install Field Office Computer Systems and IT Equipments	2	05-Dec-14 A	07-Dec-14 A														■ Supply and install Field Offic...	
UDS-MOB-05	Arrange for and erect Contractor's work and Storage Yards	2	04-Nov-14 A	06-Nov-14 A														■ Arrange for and erect Contract...	
UDS-MOB-06	Moving onto the Sites of all Plant and equipments	3	07-Nov-14 A	10-Nov-14 A														■ Moving onto the Sites of all P...	
UDS-MOB-07	Post OSHA-required notices and establish safety programs	2	04-Nov-14 A	06-Nov-14 A														■ Post OSHA-required notices and...	
UDS-MOB-08	Installation of Temporary Facilities as per section 01500	5	04-Nov-14 A	09-Nov-14 A														■ Installation of Temporary Faci...	
UDS-MOB-09	Mobilization Summary	23	04-Nov-14 A	03-Dec-14 A														Mobilization Summary	
PreConstruction Submittals						23-Feb-15 A, PreConstruction S...													
UDS-PC-SUB-01	Preparation & Submit Copy of Bank Guarantee Certificates	1	04-Nov-14 A	06-Nov-14 A														■ Preparation & Submit Copy of B...	
UDS-PC-SUB-01-R&A	Review & Approval of Bank Guarantee Certificates	21	06-Nov-14 A	18-Nov-14 A														■ Review & Approval of Bank Guar...	
UDS-PC-SUB-02	Preparation & Submit Scheduling Qualification Submittal	1	04-Nov-14 A	06-Nov-14 A														■ Preparation & Submit Schedulin...	
UDS-PC-SUB-02-R&A	Review & Approval of Scheduling Qualification Submittal	21	06-Nov-14 A	12-Nov-14 A														■ Review & Approval of Schedulin...	
UDS-PC-SUB-03	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)	2	04-Nov-14 A	09-Nov-14 A														■ Preparation & Submit Prelimina...	
UDS-PC-SUB-03-R&A	Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation)	21	09-Nov-14 A	20-Nov-14 A														■ Review & Approval of Prelimina...	
UDS-PC-SUB-04	Preparation & Submit Submittals Schedule	2	04-Nov-14 A	06-Nov-14 A														■ Preparation & Submit Submittal...	
UDS-PC-SUB-04-R&A	Review & Approval of Submittals Schedule	21	06-Nov-14 A	12-Nov-14 A														■ Review & Approval of Submittal...	
UDS-PC-SUB-05	Preparation & Submit Key Staff	2	18-Feb-15 A	22-Feb-15 A														■ Preparation & Submit Key Staff	
UDS-PC-SUB-05-R&A	Review & Approval of Key Staff	2	22-Feb-15 A	23-Feb-15 A														Review & Approval of Key Staff	
UDS-PC-SUB-06	Preparation & Submit Project Temporary Signs	2	04-Nov-14 A	26-Nov-14 A														■ Preparation & Submit Project T...	
UDS-PC-SUB-06-R&A	Review & Approval of Project Temporary Signs	11	26-Nov-14 A	27-Nov-14 A														Review & Approval of Project T...	
UDS-PC-SUB-07	Preparation & Submit Engineer's Field Office Location and Layout	2	04-Nov-14 A	11-Nov-14 A														■ Preparation & Submit Engineer'...	
UDS-PC-SUB-07-R&A	Review & Approval of Engineer's Field Office Location and Layout	11	11-Nov-14 A	12-Nov-14 A														Review & Approval of Engineer'...	
UDS-PC-SUB-08	Preparation & Submit Field Office Furniture and Equipment Plan	2	06-Nov-14 A	11-Nov-14 A														■ Preparation & Submit Field Off...	
UDS-PC-SUB-08-R&A	Review & Approval of Field Office Furniture and Equipment Plan	12	11-Nov-14 A	12-Nov-14 A														Review & Approval of Field Off...	
UDS-PC-SUB-09	Preparation & Submit Field Office Computer Systems and Miscellaneous	5	04-Nov-14 A	01-Dec-14 A														■ Preparation & Submit Field Off...	
UDS-PC-SUB-09-R&A	Review & Approval of Field Office Computer Systems and Miscellaneous	15	01-Dec-14 A	03-Dec-14 A														Review & Approval of Field Off...	
UDS-PC-SUB-10	Preparation & Submit Quality Control Plan with Testing Lab C.V	5	04-Nov-14 A	01-Dec-14 A														■ Preparation & Submit Quality C...	
UDS-PC-SUB-10-R&A	Review & Approval of Quality Control Plan with Testing Lab C.V	21	01-Dec-14 A	08-Dec-14 A														■ Review & Approval of Quality C...	

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

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015												2016	
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Connect to the existing						▼ 09-Feb-15 A, Connect to the ex...													
UDS-CS-240	Prep. & Sub. Shop drawing for Cut-in Connect to existing 500mm DIP as per A/CD-0001 and 6" (Southern Connecti	10	25-Jan-15 A	31-Jan-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-240 R&A	Review & Approval of Shop drawing for Cut-in Connect to existing 500mm DIP as per A/CD-0001 6" (Southern Coni	21	31-Jan-15 A	09-Feb-15 A		■ Review & Approval of Shop draw...													
UDS-CS-250	Prep. & Sub. Shop drawing for Connect to Existing 500mm DIP as per detail B/CD-0001 (Nortnen Connection)	10	25-Jan-15 A	31-Jan-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-250 R&A	Review & Approval of Shop drawing for Connect to Existing 500mm DIP as per detail B/CD-0001 (Nortnen Connecti	21	31-Jan-15 A	09-Feb-15 A		■ Review & Approval of Shop draw...													
Chambers Shopdrawing						▼ 10-Mar-15 A, Chambers Shopdraw...													
Gate Valve Chambers						▼ 25-Feb-15 A, Gate Valve Chambe...													
UDS-CS-060	Prep. & Sub. Shop drawing for 150mm Gate Valve Chamber	6	11-Jan-15 A	19-Jan-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-060 R&A	Review & Approval of Shop drawing for 150mm Gate Valve Chamber	21	19-Jan-15 A	25-Feb-15 A		■ Review & Approval of Shop draw...													
UDS-CS-090	Prep. & Sub. Shop drawing for 80mm Gate Valve chamber	6	11-Jan-15 A	19-Jan-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-090 R&A	Review & Approval of Shop drawing for 80mm Gate Valve chamber	21	19-Jan-15 A	25-Feb-15 A		■ Review & Approval of Shop draw...													
AVAR Chambers						▼ 12-Feb-15 A, AVAR Chambers													
UDS-CS-110	Prep. & Sub. Shop drawing for 75mm AVAR chamber on 150mm pipe	6	25-Jan-15 A	31-Jan-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-110 R&A	Review & Approval of Shop drawing for 75mm AVAR chamber on 150mm pipe	21	31-Jan-15 A	12-Feb-15 A		■ Review & Approval of Shop draw...													
UDS-CS-120	Prep. & Sub. Shop drawing for 100mm AVAR chamber on 500mm pipe	6	25-Jan-15 A	31-Jan-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-120 R&A	Review & Approval of Shop drawing for 100mm AVAR chamber on 500mm pipe	21	31-Jan-15 A	12-Feb-15 A		■ Review & Approval of Shop draw...													
UDS-CS-160	Prep. & Sub. Shop drawing for 150mm AVAR chamber on 500mm pipe	6	25-Jan-15 A	31-Jan-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-160 R&A	Review & Approval of Shop drawing for 150mm AVAR chamber on 500mm pipe	21	31-Jan-15 A	12-Feb-15 A		■ Review & Approval of Shop draw...													
WO Washout Chambers						▼ 25-Feb-15 A, WO Washout Chambe...													
UDS-CS-140	Prep. & Sub. Shop drawing for 75mm WO chamber on 150mm pipe	6	25-Jan-15 A	31-Jan-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-140 R&A	Review & Approval of Shop drawing for 75mm WO chamber on 150mm pipe	21	31-Jan-15 A	25-Feb-15 A		■ Review & Approval of Shop draw...													
UDS-CS-150	Prep. & Sub. Shop drawing for 200mm WO chamber on 500mm pipe	6	25-Jan-15 A	31-Jan-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-150 R&A	Review & Approval of Shop drawing for 200mm WO chamber on 500mm pipe	21	31-Jan-15 A	25-Feb-15 A		■ Review & Approval of Shop draw...													
BFV Chambers						▼ 25-Feb-15 A, BFV Chambers													
UDS-CS-070	Prep. & Sub. Shop drawing for 500mm BFV chamber at station 1+010 (Bani Na'im BFV Chamber 1)	6	31-Jan-15 A	18-Feb-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-070 R&A	Review & Approval of Shop drawing for 500mm BFV chamber at station 1+010 (Bani Na'im BFV Chamber 1)	21	18-Feb-15 A	25-Feb-15 A		■ Review & Approval of Shop draw...													
UDS-CS-080	Prep. & Sub. Shop drawing for 500mm BFV chamber at station 1+960 (500mm isolation Chamber 1)	6	31-Jan-15 A	18-Feb-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-080 R&A	Review & Approval of Shop drawing for 500mm BFV chamber at station 1+960 (500mm isolation Chamber 1)	21	18-Feb-15 A	25-Feb-15 A		■ Review & Approval of Shop draw...													
UDS-CS-100	Prep. & Sub. Shop drawing for 500mm BFV chamber at station 3+050 (500mm isolation chamber 2)	6	31-Jan-15 A	18-Feb-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-100 R&A	Review & Approval of Shop drawing for 500mm BFV chamber at station 3+050 (500mm isolation chamber 2)	21	18-Feb-15 A	25-Feb-15 A		■ Review & Approval of Shop draw...													
UDS-CS-180	Prep. & Sub. Shop drawing for 500mm BFV chamber at station 4+510 (500mm isolation chamber 3)	6	31-Jan-15 A	18-Feb-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-180 R&A	Review & Approval of Shop drawing for 500mm BFV chamber at station 4+510 (500mm isolation chamber 3)	21	18-Feb-15 A	25-Feb-15 A		■ Review & Approval of Shop draw...													
UDS-CS-185	Prep. & Sub. Shop drawing for BFV chamber at station 5+570 (500mm isolation chamber 3)	6	31-Jan-15 A	18-Feb-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-185 R&A	Review & Approval of Shop drawing for BFV chamber at station 5+570 (350mm isolation chamber 3)	21	18-Feb-15 A	25-Feb-15 A		■ Review & Approval of Shop draw...													
Flow Meter Monitoring chamber						▼ 10-Mar-15 A, Flow Meter Monito...													
UDS-CS-130	Prep. & Sub. Shop drawing for Flow Meter Monitoring chamber at station 3+420 and at station 5+580	6	20-Jan-15 A	05-Mar-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-130 R&A	Review & Approval of Shop drawing for Flow Meter Monitoring chamber at station 3+420 and at station 5+580	21	05-Mar-15 A	10-Mar-15 A		■ Review & Approval of Shop draw...													
UDS-CS-210	Prep. & Sub. Shop drawing for Flow Monitoring chamber as per detail M-VCFM at Yatta Junction	15	25-Jan-15 A	11-Feb-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-210 R&A	Review & Approval of Shop drawing for Flow Monitoring chamber as per detail M-VCFM at Yatta Junction	21	11-Feb-15 A	25-Feb-15 A		■ Review & Approval of Shop draw...													
Connection Chambers						▼ 25-Feb-15 A, Connection Chambe...													
UDS-CS-190	Prep. & Sub. Shop drawing for Al-Uddeisa Emergency Service Connection Chamber at Station 4+860	6	01-Feb-15 A	12-Feb-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-190 R&A	Review & Approval of Shop drawing for Al-Uddeisa Emergency Service Connection Chamber at Station 4+860	21	12-Feb-15 A	25-Feb-15 A		■ Review & Approval of Shop draw...													
UDS-CS-200	Prep. & Sub. Shop drawing for Ras At-Tawil Emergency Service Connection Chamber at Station 5+570 as per detail	6	01-Feb-15 A	12-Feb-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-200 R&A	Review & Approval of Shop drawing for Ras At-Tawil Emergency Service Connection Chamber at Station 5+570	21	12-Feb-15 A	25-Feb-15 A		■ Review & Approval of Shop draw...													
UDS-CS-220	Prep. & Sub. Shop drawing for Bani Naim Reservoir Connection Chamber as per Detail A/M-0002	6	20-Jan-15 A	29-Jan-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-220 R&A	Review & Approval of Shop drawing for Bani Naim Reservoir Connection Chamber as per Detail A/M-0002	21	29-Jan-15 A	31-Jan-15 A		■ Review & Approval of Shop draw...													
Check Valve Chambers						▼ 09-Feb-15 A, Check Valve Chamb...													
UDS-CS-230	Prep. & Sub. Shop drawing for Check Valve chamber as per detail A/M-0001 at Yatta Junction	20	18-Dec-14 A	08-Feb-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-230 R&A	Review & Approval of Shop drawing for Check Valve chamber as per detail A/M-0001 at Yatta Junction	21	08-Feb-15 A	09-Feb-15 A		■ Review & Approval of Shop draw...													
Civil Shopdrawing						▼ 25-Jun-15 A, Civil Shopdrawing													
UDS-CS-260	Prep. & Sub. Shop drawing for Roads	10	20-Apr-15 A	22-Jun-15 A		■ Prep. & Sub. Shop drawing for ...													
UDS-CS-260 R&A	Review & Approval of Shop drawing for Roads	21	22-Jun-15 A	25-Jun-15 A		■ Review & Approval of Shop draw...													

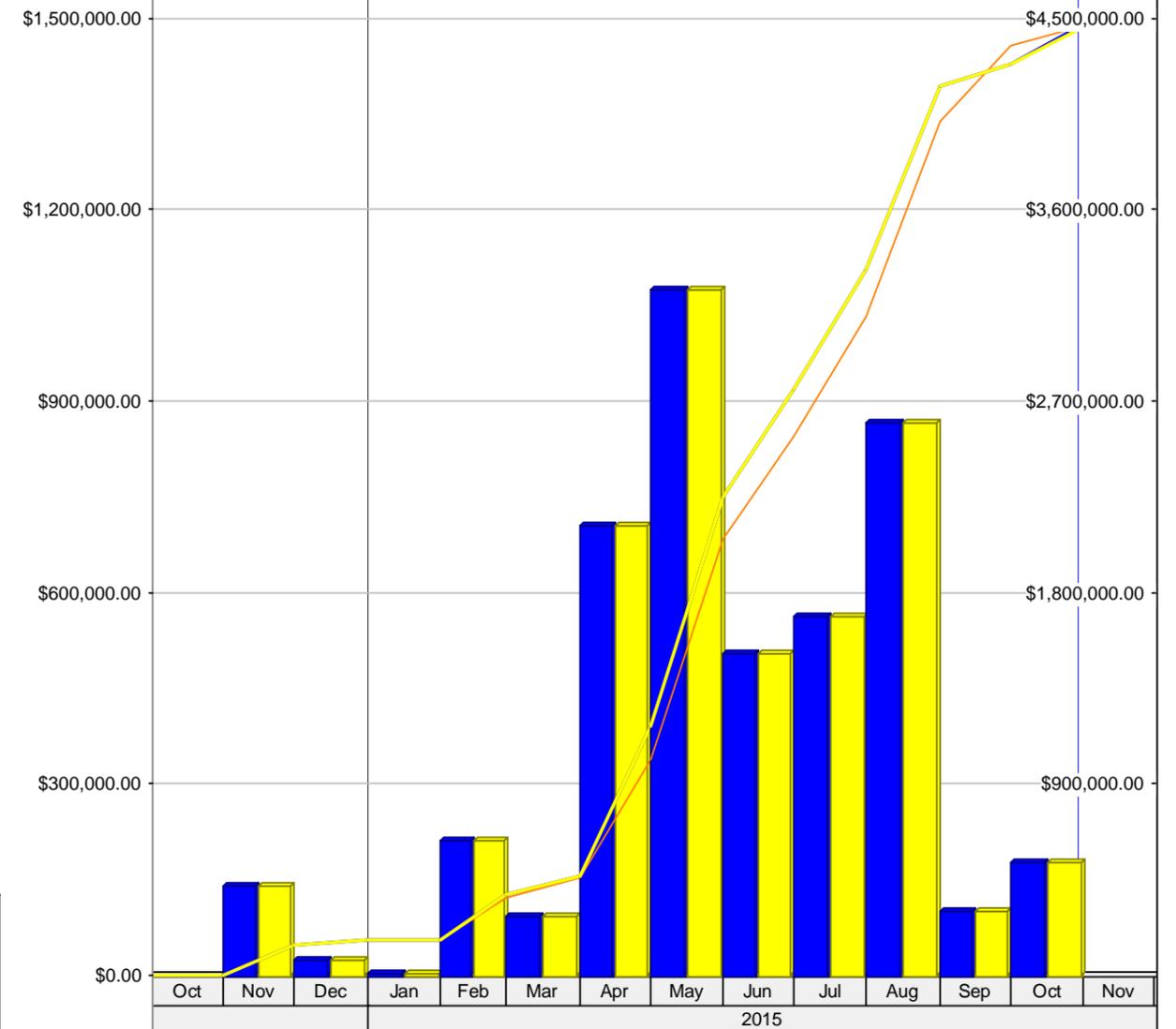
■ Actual Work
 ■ Critical Remaining Work
 ▼ Summary
■ Remaining Work
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015												2016	
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Al-Safi Shopdrawing						25-Feb-15 A, Al-Safi Shopdrawi...													
UDS-CS-280	Prep. & Sub. Shop drawing for connection of DN400 steel pipe to DN900 existing DIP	10	10-Dec-14 A	25-Jan-15 A		Prep. & Sub. Shop drawing for ...													
UDS-CS-280 R&A	Review & Approval of Shop drawing for connection of DN400 steel pipe to DN900 existing DIP	21	25-Jan-15 A	03-Feb-15 A		Review & Approval of Shop draw...													
UDS-CS-290	Prep. & Sub. Shop drawing for Steel Pipe Tank Connection	10	20-Jan-15 A	25-Jan-15 A		Prep. & Sub. Shop drawing for ...													
UDS-CS-290 R&A	Review & Approval of Shop drawing for Steel Pipe Tank Connection	21	25-Jan-15 A	03-Feb-15 A		Review & Approval of Shop draw...													
UDS-CS-300	Prep. & Sub. Shop drawing for Flow Monitoring & Flow Control Valve Assembly	12	26-Jan-15 A	10-Feb-15 A		Prep. & Sub. Shop drawing for ...													
UDS-CS-300 R&A	Review & Approval of Shop drawing for Flow Monitoring & Flow Control Valve Assembly	21	10-Feb-15 A	25-Feb-15 A		Review & Approval of Shop draw...													
UDS-CS-310	Prep. & Sub. Shop drawing for 300mm and 400mm BFV chambers	6	27-Jan-15 A	08-Feb-15 A		Prep. & Sub. Shop drawing for ...													
UDS-CS-310 R&A	Review & Approval of Shop drawing for 300mm and 400mm BFV chambers	21	08-Feb-15 A	10-Feb-15 A		Review & Approval of Shop draw...													
UDS-CS-320	Prep. & Sub. Shop drawing for Instrumentations	10	25-Jan-15 A	01-Feb-15 A		Prep. & Sub. Shop drawing for ...													
UDS-CS-320 R&A	Review & Approval of Shop drawing for Instrumentations	21	01-Feb-15 A	09-Feb-15 A		Review & Approval of Shop draw...													
Material Submittals						26-Mar-15 A, Material Submitta...													
Mechanical Material Submittals						04-Mar-15 A, Mechanical Materi...													
UDS-MMS-010	Prep. & Sub. 500mm Steel Pipes	5	16-Nov-14 A	02-Dec-14 A		Prep. & Sub. 500mm Steel Pipes													
UDS-MMS-010-RA	Review & Approval of 500 mm Steel Pipes	21	02-Dec-14 A	08-Dec-14 A		Review & Approval of 500 mm St...													
UDS-MMS-020	Prep. & Sub. Butterfly Valve	5	16-Nov-14 A	07-Dec-14 A		Prep. & Sub. Butterfly Valve													
UDS-MMS-020-RA	Review & Approval of Butterfly Valve	21	07-Dec-14 A	16-Dec-14 A		Review & Approval of Butterfly...													
UDS-MMS-030	Prep. & Sub. Gate Valve	5	06-Dec-14 A	12-Jan-15 A		Prep. & Sub. Gate Valve													
UDS-MMS-030-RA	Review & Approval of Gate Valve	21	12-Jan-15 A	20-Jan-15 A		Review & Approval of Gate Valv...													
UDS-MMS-040	Prep. & Sub. Combination Air Valve	5	22-Dec-14 A	18-Jan-15 A		Prep. & Sub. Combination Air V...													
UDS-MMS-040-RA	Review & Approval of Combination Air Valve	21	18-Jan-15 A	25-Jan-15 A		Review & Approval of Combinati...													
UDS-MMS-050	Prep. & Sub. Check Valve	10	22-Dec-14 A	22-Jan-15 A		Prep. & Sub. Check Valve													
UDS-MMS-050-RA	Review & Approval of Check Valve	21	22-Jan-15 A	03-Feb-15 A		Review & Approval of Check Val...													
UDS-MMS-060	Prep. & Sub. Flow Control Valve	5	26-Jan-15 A	18-Feb-15 A		Prep. & Sub. Flow Control Valv...													
UDS-MMS-060-RA	Review & Approval of Flow Control Valve	21	18-Feb-15 A	25-Feb-15 A		Review & Approval of Flow Cont...													
UDS-MMS-070	Prep. & Sub. Pressure Relief Valve	10	08-Dec-14 A	28-Jan-15 A		Prep. & Sub. Pressure Relief V...													
UDS-MMS-070-RA	Review & Approval of Pressure Relief Valve	21	28-Jan-15 A	03-Feb-15 A		Review & Approval of Pressure ...													
UDS-MMS-080	Prep. & Sub. Strainer	5	22-Nov-14 A	27-Dec-14 A		Prep. & Sub. Strainer													
UDS-MMS-080-RA	Review & Approval of Strainer	21	27-Dec-14 A	04-Jan-15 A		Review & Approval of Strainer													
UDS-MMS-090	Prep. & Sub. Combined flow control and Pressure Reducing Valve	5	22-Dec-14 A	26-Jan-15 A		Prep. & Sub. Combined flow con...													
UDS-MMS-090-RA	Review & Approval of Combined flow control and Pressure Reducing Valve	21	26-Jan-15 A	29-Jan-15 A		Review & Approval of Combined ...													
UDS-MMS-110	Prep. & Sub. Dismantling joints	5	22-Nov-14 A	09-Dec-14 A		Prep. & Sub. Dismantling joint...													
UDS-MMS-110-RA	Review & Approval of Dismantling joints	21	09-Dec-14 A	16-Dec-14 A		Review & Approval of Dismanti...													
UDS-MMS-120	Prep. & Sub. Mechanical coupling & socket adapters	5	01-Dec-14 A	09-Dec-14 A		Prep. & Sub. Mechanical coupli...													
UDS-MMS-120-RA	Review & Approval of Mechanical coupling & socket adapters	21	09-Dec-14 A	16-Dec-14 A		Review & Approval of Mechanica...													
UDS-MMS-140	Prep. & Sub. Float (level) control valves	5	29-Dec-14 A	31-Jan-15 A		Prep. & Sub. Float (level) con...													
UDS-MMS-140-RA	Review & Approval of Float (level) control valves	21	31-Jan-15 A	04-Feb-15 A		Review & Approval of Float (le...													
UDS-MMS-150	Prep. & Sub. Flange Gaskets	5	25-Dec-14 A	30-Dec-14 A		Prep. & Sub. Flange Gaskets													
UDS-MMS-150-RA	Review & Approval of Flange Gaskets	21	30-Dec-14 A	04-Jan-15 A		Review & Approval of Flange Ga...													
UDS-MMS-160	Prep. & Sub. Galvanized Malleable Iron Fittings Up to 2"	4	17-Jan-15 A	20-Jan-15 A		Prep. & Sub. Galvanized Mallea...													
UDS-MMS-160-RA	Review & Approval of Galvanized Malleable Iron Fittings Up to 2"	21	20-Jan-15 A	25-Jan-15 A		Review & Approval of Galvanize...													
UDS-MMS-170	Prep. & Sub. Bolts, studs, nuts, and washers	4	11-Jan-15 A	17-Jan-15 A		Prep. & Sub. Bolts, studs, nut...													
UDS-MMS-170-RA	Review & Approval of Bolts, studs, nuts, and washers	21	17-Jan-15 A	25-Jan-15 A		Review & Approval of Bolts, st...													
UDS-MMS-180	Prep. & Sub. Flanges	5	01-Jan-15 A	05-Jan-15 A		Prep. & Sub. Flanges													
UDS-MMS-180-RA	Review & Approval of Flanges	21	05-Jan-15 A	11-Jan-15 A		Review & Approval of Flanges													
UDS-MMS-190	Prep. & Sub. Pressure Gauge, ball valve, and snubber	5	01-Jan-15 A	04-Jan-15 A		Prep. & Sub. Pressure Gauge, b...													
UDS-MMS-190-RA	Review & Approval of Pressure Gauge, ball valve, and snubber	21	04-Jan-15 A	11-Jan-15 A		Review & Approval of Pressure ...													
UDS-MMS-200	Prep. & Sub. Steel fittings (elbows, reducers, tees, etc)	5	10-Jan-15 A	20-Jan-15 A		Prep. & Sub. Steel fittings (e...													
UDS-MMS-200-RA	Review & Approval of Steel fittings (elbows, reducers, tees, etc)	21	20-Jan-15 A	25-Jan-15 A		Review & Approval of Steel fit...													
UDS-MMS-210	Prep. & Sub. Heat Shrinkable for Steel Pipes	5	15-Jan-15 A	25-Jan-15 A		Prep. & Sub. Heat Shrinkable f...													
UDS-MMS-210-RA	Review & Approval of Heat Shrinkable for Steel Pipes	21	25-Jan-15 A	02-Feb-15 A		Review & Approval of Heat Shri...													
UDS-MMS-220	Prep. & Sub. Steel pipes marking Sample	4	01-Dec-14 A	08-Dec-14 A		Prep. & Sub. Steel pipes marki...													

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

Report for:
**As Built Resource and Cost Loading and S-
Curve**

WBS Name	Start	Finish	Schedule % Complete	Cost % of Budget	2015													
					Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
As Built - Ras Al Tawil & AI 'Uddeisa Water Infrastructure Phase 1A and AI Safi Boos	04-Nov-14 A	29-Oct-15 A	100%	100%	v-14 A													29-Oct-
Milestones	04-Nov-14 A	29-Oct-15 A	0%	0%	v-14 A													29-Oct-
General Milestones	04-Nov-14 A	29-Oct-15 A	0%	0%	v-14 A													29-Oct-
Intermediate Milestones	04-Nov-14 A	29-Oct-15 A	0%	0%	v-14 A													29-Oct-
PreConstruction Phase	04-Nov-14 A	26-Mar-15 A	100%	100%	v-14 A													29-Oct-
Mobilization	04-Nov-14 A	10-Dec-14 A	100%	100%	v-14 A													29-Oct-
PreConstruction Submittals	04-Nov-14 A	23-Feb-15 A	0%	0%	v-14 A													29-Oct-
Traffic Control Plan, Coordination and Permits	04-Nov-14 A	26-Mar-15 A	0%	0%	v-14 A													29-Oct-
Construction Phase	10-Nov-14 A	29-Oct-15 A	100%	100%	Nov-14 A													29-Oct-
Construction Submittals	10-Nov-14 A	08-Sep-15 A	0%	0%	Nov-14 A													29-Oct-
Procurement	17-Dec-14 A	31-Aug-15 A	0%	0%	17-Dec-14 A													29-Oct-
Execution	01-Dec-14 A	29-Oct-15 A	100%	100%	01-Dec-14 A													29-Oct-
Post Construction Phase	07-Oct-15 A	29-Oct-15 A	100%	100%														29-Oct-
Post Construction Submittals	07-Oct-15 A	29-Oct-15 A	100%	100%														29-Oct-



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

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

AC-02 Activity Costs

WBS		Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
SAK		Saqqa and Khoudary Co. Ltd.				
SAK-WB		SAK - West Bank				
SAK-WB-W		SAK - West Bank - Water Projects				
UDSI		UDSI				
UDSI-Up		Updates				
TO 14-02		As Built - Ras Al Tawil & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi Booster				
Revised-VO		Station				
TO 14-02		Milestones				
TO 14-02		General Milestones				
	UDS-A-001	Notice to Proceed (NTP)	Completed	\$0.00	\$0.00	\$0.00
	UDS-A-011	Completion of Task Order	Completed	\$0.00	\$0.00	\$0.00
Subtotal				\$0.00	\$0.00	\$0.00
TO 14-02		Intermediate Milestones				
	UDS-IA-01	Start of Mobilization	Completed	\$0.00	\$0.00	\$0.00
	UDS-IA-02	Finish of Mobilization	Completed	\$0.00	\$0.00	\$0.00
	UDS-IA-03	Start of Pre-Construction Submittals	Completed	\$0.00	\$0.00	\$0.00
	UDS-IA-04	Finish of Pre-Construction Submittals	Completed	\$0.00	\$0.00	\$0.00
	UDS-IA-05	Start of Construction Submittals	Completed	\$0.00	\$0.00	\$0.00
	UDS-IA-06	Finish of Construction Submittals	Completed	\$0.00	\$0.00	\$0.00
	UDS-IA-16	Start of Construction (Ground Breaking)	Completed	\$0.00	\$0.00	\$0.00
	UDS-IA-20	Start of Construction of Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A	Completed	\$0.00	\$0.00	\$0.00
	UDS-IA-26	Finish of Construction of Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A	Completed	\$0.00	\$0.00	\$0.00
	UDS-IA-30	Start of Construction of Al Safi Booster Station – Phase I Pipeline Connection	Completed	\$0.00	\$0.00	\$0.00
	UDS-IA-36	Finish of Construction of Al Safi Booster Station – Phase I Pipeline Connection	Completed	\$0.00	\$0.00	\$0.00
	UDS-IA-46	Project Duration	Completed	\$0.00	\$0.00	\$0.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
UDS-IA-56	Issuance of VO 01	Completed	\$0.00	\$0.00	\$0.00
UDS-IA-66	Issuance of VO 02	Completed	\$0.00	\$0.00	\$0.00
UDS-IA-76	Issuance of VO 03	Completed	\$0.00	\$0.00	\$0.00
Subtotal			\$0.00	\$0.00	\$0.00
Subtotal			\$0.00	\$0.00	\$0.00
TO 14-02	PreConstruction Phase				
TO 14-02	Mobilization				
UDS-MOB-01	Pre-Construction Dilapidation Survey	Completed	\$0.00	\$0.00	\$0.00
UDS-MOB-02	Provide, furnish and erect Temporary Project Signs	Completed	\$0.00	\$0.00	\$0.00
UDS-MOB-03	Supply and furnish Field Office Furniture and Miscellaneous	Completed	\$0.00	\$0.00	\$0.00
UDS-MOB-04	Supply and install Field Office Computer Systems and IT Equipments	Completed	\$0.00	\$0.00	\$0.00
UDS-MOB-05	Arrange for and erect Contractor's work and Storage Yards	Completed	\$0.00	\$0.00	\$0.00
UDS-MOB-06	Moving onto the Sites of all Plant and equipments	Completed	\$0.00	\$0.00	\$0.00
UDS-MOB-07	Post OSHA-required notices and establish safety programs	Completed	\$0.00	\$0.00	\$0.00
UDS-MOB-08	Installation of Temporary Facilities as per section 01500	Completed	\$0.00	\$0.00	\$0.00
UDS-MOB-09	Mobilization Summary	Completed	\$161,632.00	\$161,632.00	\$0.00
Subtotal			\$161,632.00	\$161,632.00	\$0.00
TO 14-02	PreConstruction Submittals				
UDS-PC-SUB-01	Preparation & Submit Copy of Bank Guarantee Certificates	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-01-R&A	Review & Approval of Bank Guarantee Certificates	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-02	Preparation & Submit Scheduling Qualification Submittal	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-02-R&A	Review & Approval of Scheduling Qualification Submittal	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-03	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)	Completed	\$0.00	\$0.00	\$0.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
UDS-PC-SUB-03-R&A	Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation)	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-04	Preparation & Submit Submittals Schedule	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-04-R&A	Review & Approval of Submittals Schedule	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-05	Preparation & Submit Key Staff	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-05-R&A	Review & Approval of Key Staff	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-06	Preparation & Submit Project Temporary Signs	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-06-R&A	Review & Approval of Project Temporary Signs	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-07	Preparation & Submit Engineer's Field Office Location and Layout	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-07-R&A	Review & Approval of Engineer's Field Office Location and Layout	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-08	Preparation & Submit Field Office Furniture and Equipment Plan	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-08-R&A	Review & Approval of Field Office Furniture and Equipment Plan	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-09	Preparation & Submit Field Office Computer Systems and Miscellaneous	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-09-R&A	Review & Approval of Field Office Computer Systems and Miscellaneous	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-10	Preparation & Submit Quality Control Plan with Testing Lab C.V	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-10-R&A	Review & Approval of Quality Control Plan with Testing Lab C.V	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-11	Preparation & Submit Safety Plan	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-11-R&A	Review & Approval of Safety Plan	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-13	Preparation & Submit Environmental Monitoring and Mitigation Plan	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-13-R&A	Review & Approval of Environmental Monitoring and Mitigation Plan	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-14	Preparation & Submit General Construction Method Statement	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-14-R&A	Review & Approval of General Construction Method Statement	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-15	Preparation & Submit Original CPM Construction Schedule	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-15-R&A	Review & Approval of Original CPM Construction Schedule	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-16	Preparation & Submit Construction Risk Management Program	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-16-R&A	Review & Approval of Construction Risk Management Program	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-17	Preparation & Submit Dilapidation Survey	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-17-R&A	Review & Approval of Dilapidation Survey	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-19	Preparation & Submit Insurances	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-19-R&A	Review & Approval of Insurances	Completed	\$0.00	\$0.00	\$0.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
UDS-PC-SUB-20	Preparation & Submit Lists of Permits and Licenses	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-20-R&A	Review & Approval of Lists of Permits and Licenses	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-21	Preparation & Submit Dumping Site	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-21-R&A	Review & Approval of Dumping Site	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-22	Preparation & Submit Storage Yard	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-22-R&A	Review & Approval of Storage Yard	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-23	Preparation & Submit Trench Safety Plan	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-23-R&A	Review & Approval of Trench Safety Plan	Completed	\$0.00	\$0.00	\$0.00
Subtotal			\$0.00	\$0.00	\$0.00
TO 14-02	Traffic Control Plan, Coordination and Permits				
UDS-COR-01	Receive Final for Construction Drawings	Completed	\$0.00	\$0.00	\$0.00
UDS-COR-02	Coordination with the DCL to obtain all the necessary approvals inclusive of traffic plans - Area C	Completed	\$0.00	\$0.00	\$0.00
UDS-COR-03	Coordination with Local authorities and obtain required permits for start of construction	Completed	\$0.00	\$0.00	\$0.00
UDS-COR-12	Coordination with the COGAT to obtain all the necessary approvals	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-12	Preparation & Submit Traffic Control Plan from Station 1+000 to Sta. 2+100 (Area A)	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-12-R&A	Review & Approval of Traffic Control Plan from Station 1+000 to Sta. 2+100 (Area A)	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-30	Preparation & Submit Traffic Control Plan from Sta. 2+100 to Sta. 3+880 (Area A +Area B)	Completed	\$0.00	\$0.00	\$0.00
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)	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-40	Preparation & Submit Traffic Control Plan for Area A from Sta. 3+880 to Sta. 5+597 (Area C)	Completed	\$0.00	\$0.00	\$0.00
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)	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-50	Preparation & Submit Traffic Control Plan for Yatta Junction and Bani Naim reservoir	Completed	\$0.00	\$0.00	\$0.00
UDS-PC-SUB-50-R&A	Review & Approval of Traffic Control Plan for Yatta Junction and Bani Naim reservoir	Completed	\$0.00	\$0.00	\$0.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
Subtotal			\$0.00	\$0.00	\$0.00
Subtotal			\$161,632.00	\$161,632.00	\$0.00
TO 14-02	Construction Phase				
TO 14-02	Construction Submittals				
TO 14-02	Shopdrawing submittals				
TO 14-02	Water Pipeline Shopdrawing				
TO 14-02	500mm, 150mm and 80mm Pipes				
UDS-CS-10	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 1+000 to Sta. 1+500	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-10 R&A	Review & Approval of Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 1+000 to Sta.1+500	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-20	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 1+500 to Sta.2+000	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-20 R&A	Review & Approval of Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 1+500 to Sta.2+000	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-30	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 2+000 to Sta.3+000	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-30 R&A	Review & Approval of Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 2+000 to Sta.3+000	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-40	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 3+000 to Sta.4+000	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-40 R&A	Review & Approval of Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 3+000 to Sta.4+000	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-50	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 4+000 to Sta.5+00	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-50 R&A	Review & Approval of Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 4+000 to Sta.5+00	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-55	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 5+000 to Sta.5+597	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-55 R&A	Review & Approval of Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 5+000 to Sta.5+597	Completed	\$0.00	\$0.00	\$0.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
	Subtotal		\$0.00	\$0.00	\$0.00
TO 14-02	Connect to the existing				
	UDS-CS-240 Prep. & Sub. Shop drawing for Cut-in Connect to existing 500mm DIP as per A/CD-0001 and 6" (Southern Connection)	Completed	\$0.00	\$0.00	\$0.00
	UDS-CS-240 R&A Review & Approval of Shop drawing for Cut-in Connect to existing 500mm DIP as per A/CD-0001 6" (Southern Connection)	Completed	\$0.00	\$0.00	\$0.00
	UDS-CS-250 Prep. & Sub. Shop drawing for Connect to Existing 500mm DIP as per detail B/CD-0001 (Northen Connection)	Completed	\$0.00	\$0.00	\$0.00
	UDS-CS-250 R&A Review & Approval of Shop drawing for Connect to Existing 500mm DIP as per detail B/CD-0001 (Northen Connection)	Completed	\$0.00	\$0.00	\$0.00
	Subtotal		\$0.00	\$0.00	\$0.00
	Subtotal		\$0.00	\$0.00	\$0.00
TO 14-02	Chambers Shopdrawing				
TO 14-02	Gate Valve Chambers				
	UDS-CS-060 Prep. & Sub. Shop drawing for 150mm Gate Valve Chamber	Completed	\$0.00	\$0.00	\$0.00
	UDS-CS-060 R&A Review & Approval of Shop drawing for 150mm Gate Valve Chamber	Completed	\$0.00	\$0.00	\$0.00
	UDS-CS-090 Prep. & Sub. Shop drawing for 80mm Gate Valve chamber	Completed	\$0.00	\$0.00	\$0.00
	UDS-CS-090 R&A Review & Approval of Shop drawing for 80mm Gate Valve chamber	Completed	\$0.00	\$0.00	\$0.00
	Subtotal		\$0.00	\$0.00	\$0.00
TO 14-02	AVAR Chambers				
	UDS-CS-110 Prep. & Sub. Shop drawing for 75mm AVAR chamber on 150mm pipe	Completed	\$0.00	\$0.00	\$0.00
	UDS-CS-110 R&A Review & Approval of Shop drawing for 75mm AVAR chamber on 150mm pipe	Completed	\$0.00	\$0.00	\$0.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
UDS-CS-120	Prep. & Sub. Shop drawing for 100mm AVAR chamber on 500mm pipe	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-120 R&A	Review & Approval of Shop drawing for 100mm AVAR chamber on 500mm pipe	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-160	Prep. & Sub. Shop drawing for 150mm AVAR chamber on 500mm pipe	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-160 R&A	Review & Approval of Shop drawing for 150mm AVAR chamber on 500mm pipe	Completed	\$0.00	\$0.00	\$0.00
Subtotal			\$0.00	\$0.00	\$0.00
TO 14-02	WO Washout Chambers				
UDS-CS-140	Prep. & Sub. Shop drawing for 75mm WO chamber on 150mm pipe	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-140 R&A	Review & Approval of Shop drawing for 75mm WO chamber on 150mm pipe	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-150	Prep. & Sub. Shop drawing for 200mm WO chamber on 500mm pipe	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-150 R&A	Review & Approval of Shop drawing for 200mm WO chamber on 500mm pipe	Completed	\$0.00	\$0.00	\$0.00
Subtotal			\$0.00	\$0.00	\$0.00
TO 14-02	BFV Chambers				
UDS-CS-070	Prep. & Sub. Shop drawing for 500mm BFV chamber at station 1+010 (Bani Na'im BFV Chamber 1)	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-070 R&A	Review & Approval of Shop drawing for 500mm BFV chamber at station 1+010 (Bani Na'im BFV Chamber 1)	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-080	Prep. & Sub. Shop drawing for 500mm BFV chamber at station 1+960 (500mm isolation Chamber 1)	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-080 R&A	Review & Approval of Shop drawing for 500mm BFV chamber at station 1+960 (500mm isolation Chamber 1)	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-100	Prep. & Sub. Shop drawing for 500mm BFV chamber at station 3+050 (500mm isolation chamber 2)	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-100 R&A	Review & Approval of Shop drawing for 500mm BFV chamber at station 3+050 (500mm isolation chamber 2)	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-180	Prep. & Sub. Shop drawing for 500mm BFV chamber at station 4+510 (500mm isolation chamber 3)	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-180 R&A	Review & Approval of Shop drawing for 500mm BFV chamber at station 4+510 (500mm isolation chamber 3)	Completed	\$0.00	\$0.00	\$0.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
UDS-CS-185	Prep. & Sub. Shop drawing for BFV chamber at station 5+570 (500mm isolation chamber 3)	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-185 R&A	Review & Approval of Shop drawing for BFV chamber at station 5+570 (350mm isolation chamber 3)	Completed	\$0.00	\$0.00	\$0.00
Subtotal			\$0.00	\$0.00	\$0.00
TO 14-02	Flow Meter Monitoring chamber				
UDS-CS-130	Prep. & Sub. Shop drawing for Flow Meter Monitoring chamber at station 3+420 and at station 5+580	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-130 R&A	Review & Approval of Shop drawing for Flow Meter Monitoring chamber at station 3+420 and at station 5+580	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-210	Prep. & Sub. Shop drawing for Flow Monitoring chamber as per detail M-VCFM at Yatta Junction	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-210 R&A	Review & Approval of Shop drawing for Flow Monitoring chamber as per detail M-VCFM at Yatta Junction	Completed	\$0.00	\$0.00	\$0.00
Subtotal			\$0.00	\$0.00	\$0.00
TO 14-02	Connection Chambers				
UDS-CS-190	Prep. & Sub. Shop drawing for Al-Uddeisa Emergency Service Connection Chamber at Station 4+860	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-190 R&A	Review & Approval of Shop drawing for Al-Uddeisa Emergency Service Connection Chamber at Station 4+860	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-200	Prep. & Sub. Shop drawing for Ras At-Tawil Emergency Service Connection Chamber at Station 5+570 as per detail M-0003	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-200 R&A	Review & Approval of Shop drawing for Ras At-Tawil Emergency Service Connection Chamber at Station 5+570	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-220	Prep. & Sub. Shop drawing for Bani Naim Reservoir Connection Chamber as per Detail A/M-0002	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-220 R&A	Review & Approval of Shop drawing for Bani Naim Reservoir Connection Chamber as per Detail A/M-0002	Completed	\$0.00	\$0.00	\$0.00
Subtotal			\$0.00	\$0.00	\$0.00
TO 14-02	Check Valve Chambers				

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
UDS-CS-230	Prep. & Sub. Shop drawing for Check Valve chamber as per detail A/M-0001 at Yatta Junction	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-230 R&A	Review & Approval of Shop drawing for Check Valve chamber as per detail A/M-0001 at Yatta Junction	Completed	\$0.00	\$0.00	\$0.00
Subtotal			\$0.00	\$0.00	\$0.00
Subtotal			\$0.00	\$0.00	\$0.00
TO 14-02	Civil Shopdrawing				
UDS-CS-260	Prep. & Sub. Shop drawing for Roads	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-260 R&A	Review & Approval of Shop drawing for Roads	Completed	\$0.00	\$0.00	\$0.00
Subtotal			\$0.00	\$0.00	\$0.00
TO 14-02	Al-Safi Shopdrawing				
UDS-CS-280	Prep. & Sub. Shop drawing for connection of DN400 steel pipe to DN900 existing DIP	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-280 R&A	Review & Approval of Shop drawing for connection of DN400 steel pipe to DN900 existing DIP	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-290	Prep. & Sub. Shop drawing for Steel Pipe Tank Connection	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-290 R&A	Review & Approval of Shop drawing for Steel Pipe Tank Connection	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-300	Prep. & Sub. Shop drawing for Flow Monitoring & Flow Control Valve Assembly	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-300 R&A	Review & Approval of Shop drawing for Flow Monitoring & Flow Control Valve Assembly	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-310	Prep. & Sub. Shop drawing for 300mm and 400mm BFV chambers	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-310 R&A	Review & Approval of Shop drawing for 300mm and 400mm BFV chambers	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-320	Prep. & Sub. Shop drawing for Instrumentations	Completed	\$0.00	\$0.00	\$0.00
UDS-CS-320 R&A	Review & Approval of Shop drawing for Instrumentations	Completed	\$0.00	\$0.00	\$0.00
Subtotal			\$0.00	\$0.00	\$0.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
Subtotal			\$0.00	\$0.00	\$0.00
TO 14-02	Material Submittals				
TO 14-02	Mechanical Material Submittals				
	UDS-MMS-010 Prep. & Sub. 500mm Steel Pipes	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-010-RA Review & Approval of 500 mm Steel Pipes	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-020 Prep. & Sub. Butterfly Valve	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-020-RA Review & Approval of Butterfly Valve	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-030 Prep. & Sub. Gate Valve	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-030-RA Review & Approval of Gate Valve	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-040 Prep. & Sub. Combination Air Valve	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-040-RA Review & Approval of Combination Air Valve	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-050 Prep. & Sub. Check Valve	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-050-RA Review & Approval of Check Valve	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-060 Prep. & Sub. Flow Control Valve	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-060-RA Review & Approval of Flow Control Valve	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-070 Prep. & Sub. Pressure Relief Valve	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-070-RA Review & Approval of Pressure Relief Valve	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-080 Prep. & Sub. Strainer	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-080-RA Review & Approval of Strainer	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-090 Prep. & Sub. Combined flow control and Pressure Reducing Valve	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-090-RA Review & Approval of Combined flow control and Pressure Reducing Valve	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-110 Prep. & Sub. Dismantling joints	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-110-RA Review & Approval of Dismantling joints	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-120 Prep. & Sub. Mechanical coupling & socket adapters	Completed	\$0.00	\$0.00	\$0.00
	UDS-MMS-120-RA Review & Approval of Mechanical coupling & socket adapters	Completed	\$0.00	\$0.00	\$0.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
UDS-MMS-140	Prep. & Sub. Float (level) control valves	Completed	\$0.00	\$0.00	\$0.00
UDS-MMS-140-RA	Review & Approval of Float (level) control valves	Completed	\$0.00	\$0.00	\$0.00
UDS-MMS-150	Prep. & Sub. Flange Gaskets	Completed	\$0.00	\$0.00	\$0.00
UDS-MMS-150-RA	Review & Approval of Flange Gaskets	Completed	\$0.00	\$0.00	\$0.00
UDS-MMS-160	Prep. & Sub. Galvanized Malleable Iron Fittings Up to 2"	Completed	\$0.00	\$0.00	\$0.00
UDS-MMS-160-RA	Review & Approval of Galvanized Malleable Iron Fittings Up to 2"	Completed	\$0.00	\$0.00	\$0.00
UDS-MMS-170	Prep. & Sub. Bolts, studs, nuts, and washers	Completed	\$0.00	\$0.00	\$0.00
UDS-MMS-170-RA	Review & Approval of Bolts, studs, nuts, and washers	Completed	\$0.00	\$0.00	\$0.00
UDS-MMS-180	Prep. & Sub. Flanges	Completed	\$0.00	\$0.00	\$0.00
UDS-MMS-180-RA	Review & Approval of Flanges	Completed	\$0.00	\$0.00	\$0.00
UDS-MMS-190	Prep. & Sub. Pressure Gauge, ball valve, and snubber	Completed	\$0.00	\$0.00	\$0.00
UDS-MMS-190-RA	Review & Approval of Pressure Gauge, ball valve, and snubber	Completed	\$0.00	\$0.00	\$0.00
UDS-MMS-200	Prep. & Sub. Steel fittings (elbows, reducers, tees, etc	Completed	\$0.00	\$0.00	\$0.00
UDS-MMS-200-RA	Review & Approval of Steel fittings (elbows, reducers, tees, etc	Completed	\$0.00	\$0.00	\$0.00
UDS-MMS-210	Prep. & Sub. Heat Shrinkable for Steel Pipes	Completed	\$0.00	\$0.00	\$0.00
UDS-MMS-210-RA	Review & Approval of Heat Shrinkable for Steel Pipes	Completed	\$0.00	\$0.00	\$0.00
UDS-MMS-220	Prep. & Sub. Steel pipes marking Sample	Completed	\$0.00	\$0.00	\$0.00
UDS-MMS-220-RA	Review & Approval of Steel pipes marking Sample	Completed	\$0.00	\$0.00	\$0.00
UDS-MMS-230	Prep. & Sub. 450mm, 400mm. 350mm, 300mm, 250mm, 200mm, 150mm, 100mm, 80mm Steel Pipes	Completed	\$0.00	\$0.00	\$0.00
UDS-MMS-230-RA	Review & Approval of 450mm, 400mm. 350mm, 300mm, 250mm, 200mm, 150mm, 100mm, 80mm Steel Pipes	Completed	\$0.00	\$0.00	\$0.00
Subtotal			\$0.00	\$0.00	\$0.00
TO 14-02	Civil Material Submittals				
UDS-CMS-10	Prep. & Sub. Bedding Material	Completed	\$0.00	\$0.00	\$0.00
UDS-CMS-10-RA	Review & Approval of Bedding Material	Completed	\$0.00	\$0.00	\$0.00
UDS-CMS-20	Prep. & Sub. Single Size Backfilling Material	Completed	\$0.00	\$0.00	\$0.00
UDS-CMS-20-RA	Review & Approval of Single Size Backfilling Material	Completed	\$0.00	\$0.00	\$0.00
UDS-CMS-30	Prep. & Sub. Base Course	Completed	\$0.00	\$0.00	\$0.00

AC-02 Activity Costs

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Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
UDS-CMS-30-RA	Review & Approval of Base Course	Completed	\$0.00	\$0.00	\$0.00
UDS-CMS-40	Prep. & Sub. Concrete Mix Design	Completed	\$0.00	\$0.00	\$0.00
UDS-CMS-40-RA	Review & Approval of Concrete Mix Design	Completed	\$0.00	\$0.00	\$0.00
UDS-CMS-45	Prep. & Sub. Steel Reinforcement	Completed	\$0.00	\$0.00	\$0.00
UDS-CMS-45-RA	Review & Approval of Steel Reinforcement	Completed	\$0.00	\$0.00	\$0.00
UDS-CMS-50	Prep. & Sub. Bituminous Cold Material (for external coating for Concrete Chambers)	Completed	\$0.00	\$0.00	\$0.00
UDS-CMS-50-RA	Review & Approval of Bituminous Cold Material (for external coating for Concrete Chambers)	Completed	\$0.00	\$0.00	\$0.00
UDS-CMS-60	Prep. & Sub. Manhole covers and frames	Completed	\$0.00	\$0.00	\$0.00
UDS-CMS-60-RA	Review & Approval of Manhole covers and frames	Completed	\$0.00	\$0.00	\$0.00
UDS-CMS-70	Prep. & Sub. Pipe's supports	Completed	\$0.00	\$0.00	\$0.00
UDS-CMS-70-RA	Review & Approval of Pipe's supports	Completed	\$0.00	\$0.00	\$0.00
UDS-CMS-80	Prep. & Sub. Manhole Rungs	Completed	\$0.00	\$0.00	\$0.00
UDS-CMS-80-RA	Review & Approval of Manhole Rungs	Completed	\$0.00	\$0.00	\$0.00
UDS-CMS-90	Prep. & Sub. Asphalt Mix Design	Completed	\$0.00	\$0.00	\$0.00
UDS-CMS-90-RA	Review & Approval of Asphalt Mix Design	Completed	\$0.00	\$0.00	\$0.00
UDS-CMS-91	Prep. & Sub. Prime Coat and Tack Coat	Completed	\$0.00	\$0.00	\$0.00
UDS-CMS-91-RA	Review & Approval of Prime Coat and Tack Coat	Completed	\$0.00	\$0.00	\$0.00
Subtotal			\$0.00	\$0.00	\$0.00
TO 14-02	Electrical Material Submittals				
UDS-EMS-10	Prep. & Sub. Pressure differential switches	Completed	\$0.00	\$0.00	\$0.00
UDS-EMS-10-RA	Review & Approval of Pressure differential switches	Completed	\$0.00	\$0.00	\$0.00
UDS-EMS-30	Prep. & Sub. Cathode protection: Anodes, Test Stations	Completed	\$0.00	\$0.00	\$0.00
UDS-EMS-30-RA	Review & Approval of Cathode protection: Anodes, Test Stations	Completed	\$0.00	\$0.00	\$0.00
UDS-EMS-40	Prep. & Sub. Cathode protection: Accessories, flanges insulating kit and Link Seal	Completed	\$0.00	\$0.00	\$0.00
UDS-EMS-40-RA	Review & Approval of Cathode protection: Accessories, flanges insulating kit and Link Seal	Completed	\$0.00	\$0.00	\$0.00
UDS-EMS-50	Prep. & Sub. Pressure Transmitters	Completed	\$0.00	\$0.00	\$0.00

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Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
UDS-EMS-50-RA	Review & Approval of Pressure Transmitters	Completed	\$0.00	\$0.00	\$0.00
UDS-EMS-60	Prep. & Sub. Magnetic flow-meters	Completed	\$0.00	\$0.00	\$0.00
UDS-EMS-60-RA	Review & Approval of Magnetic flow-meters	Completed	\$0.00	\$0.00	\$0.00
UDS-EMS-70	Prep. & Sub. Magnetic flow-meters for Al-Safi	Completed	\$0.00	\$0.00	\$0.00
UDS-EMS-70-RA	Review & Approval of Magnetic flow-meters for Al-Safi	Completed	\$0.00	\$0.00	\$0.00
Subtotal			\$0.00	\$0.00	\$0.00
Subtotal			\$0.00	\$0.00	\$0.00
TO 14-02	Method Statement				
UDS-MS-009	Prep. & Sub. Method statement for testing of existing pipeline	Completed	\$0.00	\$0.00	\$0.00
UDS-MS-009-RA	Review & Approval of Method statement for testing of existing pipeline	Completed	\$0.00	\$0.00	\$0.00
UDS-MS-010	Prep. & Sub. Pipeline installation method statement	Completed	\$0.00	\$0.00	\$0.00
UDS-MS-010-RA	Review & Approval of Pipeline installation method statement	Completed	\$0.00	\$0.00	\$0.00
UDS-MS-020	Prep. & Sub. Method Statement for Repairing Pipe Cement Mortar Lining	Completed	\$0.00	\$0.00	\$0.00
UDS-MS-020-RA	Review & Approval of Method Statement for Repairing Pipe Cement Mortar Lining	Completed	\$0.00	\$0.00	\$0.00
UDS-MS-030	Prep. & Sub. Method Statement for Radiographic Testing and safety plan	Completed	\$0.00	\$0.00	\$0.00
UDS-MS-030-RA	Review & Approval of Method Statement for Radiographic Testing and safety plan	Completed	\$0.00	\$0.00	\$0.00
UDS-MS-040	Prep. & Sub. Cathode protection: Installation method statement and Shop Drawing	Completed	\$0.00	\$0.00	\$0.00
UDS-MS-040-RA	Review & Approval of Cathode protection: Installation method statement and Shop Drawing	Completed	\$0.00	\$0.00	\$0.00
UDS-MS-050	Prep. & Sub. Coating procedure for exposed and/or inside manhole pipes and fittings	Completed	\$0.00	\$0.00	\$0.00
UDS-MS-050-RA	Review & Approval of Coating procedure for exposed and/or inside manhole pipes and fittings	Completed	\$0.00	\$0.00	\$0.00
UDS-MS-060	Prep. & Sub. Method Statement for Pipeline Testing and Disinfection	Completed	\$0.00	\$0.00	\$0.00
UDS-MS-060-RA	Review & Approval of Method Statement for Pipeline Testing and Disinfection	Completed	\$0.00	\$0.00	\$0.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
Subtotal			\$0.00	\$0.00	\$0.00
TO 14-02	Miscellaneous				
UDS-MIS-10	Prep. & Sub. Welding Procedure	Completed	\$0.00	\$0.00	\$0.00
UDS-MIS-10-RA	Review & Approval of Welding Procedure	Completed	\$0.00	\$0.00	\$0.00
UDS-MIS-30	Prep. & Sub. Identification Tape	Completed	\$0.00	\$0.00	\$0.00
UDS-MIS-30-RA	Review & Approval of Identification Tape	Completed	\$0.00	\$0.00	\$0.00
UDS-MIS-50	Prep. & Sub. Water Quality Testing Lab	Completed	\$0.00	\$0.00	\$0.00
UDS-MIS-50-RA	Review & Approval of Water Quality Testing Lab	Completed	\$0.00	\$0.00	\$0.00
UDS-MIS-60	Prep. & Sub. Welding testing Labs e.g. Arc-Eyes (Visual) & Morex (RT)	Completed	\$0.00	\$0.00	\$0.00
UDS-MIS-60-RA	Review & Approval of Welding testing Labs e.g. Arc-Eyes (Visual) & Morex (RT)	Completed	\$0.00	\$0.00	\$0.00
UDS-MIS-70	Prep. & Sub. Proposed Welders for Welders Qualification Test - CVs	Completed	\$0.00	\$0.00	\$0.00
UDS-MIS-70-RA	Review & Approval of Proposed Welders for Welders Qualification Test - CVs	Completed	\$0.00	\$0.00	\$0.00
UDS-MIS-80	Prep. & Sub. Training Submittal (Qualification and Material)	Completed	\$0.00	\$0.00	\$0.00
UDS-MIS-80-RA10	Review & Approval of Training Submittal (Qualification and Material)	Completed	\$0.00	\$0.00	\$0.00
Subtotal			\$0.00	\$0.00	\$0.00
Subtotal			\$0.00	\$0.00	\$0.00
TO 14-02	Procurement				
PRO-01	Order of 500 mm, 350mm, 150mm, 80mm Steel Pipes	Completed	\$0.00	\$0.00	\$0.00
PRO-1020	Manufacturing of 500 mm, 350mm, 150mm, 80mm Steel Pipes	Completed	\$0.00	\$0.00	\$0.00
PRO-1030	Delivery of 500 mm, 350mm, 150mm, 80mm Steel Pipes	Completed	\$0.00	\$0.00	\$0.00
PRO-1031	Order of Mechanical electrical fittings	Completed	\$0.00	\$0.00	\$0.00
PRO-1032	Manufacturing of Mechanical and electrical fittings	Completed	\$0.00	\$0.00	\$0.00
PRO-1035	Delivery of Mechanical and electrical fittings	Completed	\$0.00	\$0.00	\$0.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost	
Subtotal			\$0.00	\$0.00	\$0.00	
TO 14-02	Execution					
TO 14-02	Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A					
TO 14-02	Yatta Junction Traffic Control					
	E-R880	Implementation of Traffic Control Plan at Yatta Junction and Bani Naim reservoir	Completed	\$0.00	\$0.00	\$0.00
	E-R890	Maintain of Traffic Control Plan at Yatta Junction and Bani Naim reservoir	Completed	\$0.00	\$0.00	\$0.00
TO 14-02	Yatta Junction and Bani Naim Reservoir Service Connection					
	E-R110	Construction of Flow Monitoring chamber as per detail M-VCFM at Yatta Junction (Yaqeen)	Completed	\$40,000.00	\$40,000.00	\$0.00
	E-R120	Construction of DN 500 mm Check Valve chamber as per detail A/M-0001 at Yatta Junction	Completed	\$27,200.00	\$27,200.00	\$0.00
	E-R130	Construction of Bani Naim Reservoir Connection Chamber as per Detail A/M-0002	Completed	\$20,000.00	\$20,000.00	\$0.00
	E-R980	Construction of DN 500mm Butterfly Valve chamber on the existing 500 mm DIP Pipe at Yatta Junction	Completed	\$14,289.60	\$14,289.60	\$0.00
	E-R990	Construction of DN 400 mm Check Valve chamber on the existing 400mm DIP pipe at Yatta Junction	Completed	\$26,298.00	\$26,298.00	\$0.00
Subtotal			\$127,787.60	\$127,787.60	\$0.00	
TO 14-02	Testing of Existing Pipeline					
	E-T-01	Clean, disinfect and test existing 500 mm DIP pipeline from Halhoul Regional Reservoir to connection	Completed	\$14,800.00	\$14,800.00	\$0.00
Subtotal			\$14,800.00	\$14,800.00	\$0.00	
Subtotal			\$142,587.60	\$142,587.60	\$0.00	
TO	Phase 1					

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
E-R100	Implementation of Traffic Control Plan Phase 1	Completed	\$0.00	\$0.00	\$0.00
E-R850	Maintain of Traffic Control Plan Phase 1	Completed	\$0.00	\$0.00	\$0.00
TO 14-02	Pipeline segment from Station 1+000 to station 2+000				
TO 14-02	Dual Trench 500mm and 150mm Pipelines and chambers				
E-R140	Cut-in Connect to existing 500mm DIP as per detail A/CD-0001 and 6" pipe (Southern Connection)	Completed	\$6,500.00	\$6,500.00	\$0.00
E-R150	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 1+000 to ST 2+000	Completed	\$414,757.67	\$414,757.67	\$0.00
E-R160	Construction of 150mm Gate Valve chamber at station 0+956	Completed	\$3,200.00	\$3,200.00	\$0.00
E-R170	Construction of 500mm BFV chamber at station 1+017 (Bani Na'im BFV Chamber 1)	Completed	\$12,800.00	\$12,800.00	\$0.00
E-R175	Construction of 200mm WO chamber at station 1+205 for 500mm pipe	Completed	\$5,600.00	\$5,600.00	\$0.00
E-R280	Construction of 150mm Gate Valve chamber at station 1+955	Completed	\$3,200.00	\$3,200.00	\$0.00
Subtotal			\$446,057.67	\$446,057.67	\$0.00
TO 14-02	80mm pipes and chambers				
E-R180	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 0+959	Completed	\$370.60	\$370.60	\$0.00
E-R190	Construction of 80mm Gate Valve chamber at station 0+959	Completed	\$2,400.00	\$2,400.00	\$0.00
E-R220	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+440	Completed	\$391.00	\$391.00	\$0.00
E-R230	Construction of 80mm Gate Valve chamber at station 1+440	Completed	\$2,400.00	\$2,400.00	\$0.00
E-R240	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+820	Completed	\$2,845.80	\$2,845.80	\$0.00
E-R250	Construction of 80mm Gate Valve chamber at station 1+820	Completed	\$2,400.00	\$2,400.00	\$0.00
E-R260	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+955	Completed	\$7,983.20	\$7,983.20	\$0.00
E-R270	Construction of 80mm Gate Valve chamber at station 1+955	Completed	\$2,400.00	\$2,400.00	\$0.00
Subtotal			\$21,190.60	\$21,190.60	\$0.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost	
Subtotal			\$467,248.27	\$467,248.27	\$0.00	
Subtotal			\$467,248.27	\$467,248.27	\$0.00	
TO 14-02	Phase 2					
TO 14-02	Pipeline segment from Station 2+000 to station 3+000					
	E-R830	Implementation of Traffic Control Plan Phase 2	Completed	\$0.00	\$0.00	\$0.00
	E-R860	Maintain of Traffic Control Plan Phase 2	Completed	\$0.00	\$0.00	\$0.00
TO 14-02	Dual Trench 500mm and 150mm Pipelines and chambers					
	E-R300	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 2+000 to ST 3+000	Completed	\$366,786.85	\$366,786.85	\$0.00
	E-R350	Construction of 500mm BFV chamber at station 2+513 (500mm isolation chamber 2)	Completed	\$12,800.00	\$12,800.00	\$0.00
	E-R372	Construction of 100mm AVAR chamber at station 2+222 for 500mm pipe	Completed	\$4,000.00	\$4,000.00	\$0.00
	E-R400	Construction of Flow Meter Monitoring chamber at station 2+510	Completed	\$49,600.00	\$49,600.00	\$0.00
	E-R700	Construction of 75mm AVAR chamber at station 2+220 for 150mm pipe	Completed	\$4,000.00	\$4,000.00	\$0.00
Subtotal			\$437,186.85	\$437,186.85	\$0.00	
TO 14-02	80mm pipes and chambers					
	E-R310	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 2+367	Completed	\$380.80	\$380.80	\$0.00
	E-R320	Construction of 80mm Gate Valve chamber at station 2+367	Completed	\$2,400.00	\$2,400.00	\$0.00
	E-R900	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 2+506	Completed	\$2,869.60	\$2,869.60	\$0.00
	E-R910	Construction of 80mm Gate Valve chamber at station 2+506	Completed	\$2,400.00	\$2,400.00	\$0.00
	E-R920	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 2+940	Completed	\$705.50	\$705.50	\$0.00
	E-R930	Construction of 80mm Gate Valve chamber at station 2+940	Completed	\$2,400.00	\$2,400.00	\$0.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
Subtotal			\$11,155.90	\$11,155.90	\$0.00
Subtotal			\$448,342.75	\$448,342.75	\$0.00
TO 14-02	Pipeline segment from Station 3+000 to station 4+000				
TO 14-02	Dual Trench 500mm and 150mm Pipelines and chambers				
E-R330	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 3+000 to ST 4+000	Completed	\$378,700.00	\$378,700.00	\$0.00
E-R360	Construction of 75mm AVAR chamber at station 3+032 for 150mm pipe	Completed	\$4,000.00	\$4,000.00	\$0.00
E-R370	Construction of 100mm AVAR chamber at station 3+030 for 500mm pipe	Completed	\$4,000.00	\$4,000.00	\$0.00
E-R420	Construction of 200mm WO chamber at station 3+513 for 500mm pipe	Completed	\$5,600.00	\$5,600.00	\$0.00
E-R490	Construction of 75mm AVAR chamber at station 3+862 for 150mm pipe	Completed	\$4,000.00	\$4,000.00	\$0.00
E-R500	Construction of 100mm AVAR chamber at station 3+860 for 500mm pipe	Completed	\$4,000.00	\$4,000.00	\$0.00
E-R510	Construction of 75mm WO chamber at station 3+995 for 150mm pipe	Completed	\$2,800.00	\$2,800.00	\$0.00
E-R520	Construction of 200mm WO chamber at station 4+000 for 500mm pipe	Completed	\$5,600.00	\$5,600.00	\$0.00
Subtotal			\$408,700.00	\$408,700.00	\$0.00
TO 14-02	80mm pipes and chambers				
E-R380	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+238	Completed	\$2,174.30	\$2,174.30	\$0.00
E-R390	Construction of 80mm Gate Valve chamber at station 3+238	Completed	\$2,400.00	\$2,400.00	\$0.00
E-R430	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+415	Completed	\$436.90	\$436.90	\$0.00
E-R440	Construction of 80mm Gate Valve chamber at station 3+415	Completed	\$2,400.00	\$2,400.00	\$0.00
E-R450	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+631	Completed	\$2,733.60	\$2,733.60	\$0.00
E-R460	Construction of 80mm Gate Valve chamber at station 3+631	Completed	\$2,400.00	\$2,400.00	\$0.00
E-R470	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+852	Completed	\$2,279.70	\$2,279.70	\$0.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
E-R480	Construction of 80mm Gate Valve chamber at station 3+852	Completed	\$2,400.00	\$2,400.00	\$0.00
Subtotal			\$17,224.50	\$17,224.50	\$0.00
Subtotal			\$425,924.50	\$425,924.50	\$0.00
Subtotal			\$874,267.25	\$874,267.25	\$0.00
TO 14-02	Phase 3				
TO 14-02	Pipeline segment from Station 4+000 to station 5+000				
E-R840	Implementation of Traffic Control Plan Phase 3 (Area C)	Completed	\$0.00	\$0.00	\$0.00
E-R870	Maintain of Traffic Control Plan Phase 3 (Area C)	Completed	\$0.00	\$0.00	\$0.00
TO 14-02	Dual Trench 500mm and 150mm Pipelines and chambers				
E-R530	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 4+000 to ST 5+000	Completed	\$379,334.00	\$379,334.00	\$0.00
E-R560	Construction of 75mm AVAR chamber at station 4+393 for 150mm pipe	Completed	\$4,000.00	\$4,000.00	\$0.00
E-R570	Construction of 150mm AVAR chamber at station 4+395 for 500mm pipe	Completed	\$5,600.00	\$5,600.00	\$0.00
E-R600	Construction of 150mm Gate Valve chamber at station 4+680	Completed	\$3,200.00	\$3,200.00	\$0.00
E-R650	Construction of 200mm WO chamber at station 4+603 for 500mm pipe	Completed	\$5,600.00	\$5,600.00	\$0.00
E-R660	Excavation, Bedding, Installation and Backfilling of 150mm steel pipeline from station 4+850 to station 4+865	Completed	\$4,824.64	\$4,824.64	\$0.00
E-R670	Construction of 150mm Gate Valve chamber at station 4+815	Completed	\$3,200.00	\$3,200.00	\$0.00
E-R680	Construction of Al-Uddeisa Emergency Service Connection Chamber at Station 4+860 as per detail M-0004	Completed	\$12,800.00	\$12,800.00	\$0.00
E-R690	Construction of 150mm Gate Valve chamber at station 4+895	Completed	\$3,200.00	\$3,200.00	\$0.00
E-R710	Construction of 150mm AVAR chamber at station 4+900 for 500mm pipe	Completed	\$5,600.00	\$5,600.00	\$0.00
Subtotal			\$427,358.64	\$427,358.64	\$0.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
TO 14-02	80mm pipes and chambers				
E-R540	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+098	Completed	\$1,059.10	\$1,059.10	\$0.00
E-R550	Construction of 80mm Gate Valve chamber at station 4+098	Completed	\$2,400.00	\$2,400.00	\$0.00
E-R620	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+428	Completed	\$2,414.00	\$2,414.00	\$0.00
E-R630	Construction of 80mm Gate Valve chamber at station 4+428	Completed	\$2,400.00	\$2,400.00	\$0.00
E-R635	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+575	Completed	\$1,528.30	\$1,528.30	\$0.00
E-R645	Construction of 80mm Gate Valve chamber at station 4+575	Completed	\$2,400.00	\$2,400.00	\$0.00
E-R720	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+981	Completed	\$1,377.00	\$1,377.00	\$0.00
E-R730	Construction of 80mm Gate Valve chamber at station 4+981	Completed	\$2,400.00	\$2,400.00	\$0.00
E-R940	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+840	Completed	\$802.40	\$802.40	\$0.00
E-R950	Construction of 80mm Gate Valve chamber at station 4+840	Completed	\$2,400.00	\$2,400.00	\$0.00
E-R960	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+914	Completed	\$1,598.00	\$1,598.00	\$0.00
E-R970	Construction of 80mm Gate Valve chamber at station 4+914	Completed	\$2,400.00	\$2,400.00	\$0.00
Subtotal			\$23,178.80	\$23,178.80	\$0.00
Subtotal			\$450,537.44	\$450,537.44	\$0.00
TO 14-02	Pipeline segment from Station 5+000 to station 5+580.24				
TO 14-02	Dual Trench 500mm and 150mm Pipelines and chambers				
E-R740	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 5+000 to ST 5+580.24	Completed	\$216,726.36	\$216,726.36	\$0.00
E-R770	Construction of 500mm BFV chamber at station 5+575 (350mm isolation chamber 3)	Completed	\$10,400.00	\$10,400.00	\$0.00
E-R772	Construction of 500mm BFV chamber at station 5+115 (500mm isolation chamber 2)	Completed	\$12,800.00	\$12,800.00	\$0.00
E-R780	Construction of 200mm WO chamber at station 5+521 for 500mm pipe	Completed	\$5,600.00	\$5,600.00	\$0.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
E-R790	Excavation, Bedding, Installation and Backfilling of 350mm and 100mm steel pipelines from station 5+575	Completed	\$14,630.88	\$14,630.88	\$0.00
E-R800	Construction of Ras At-Tawil Emergency Service Connection Chamber at Station 5+575 as per detail M-0003	Completed	\$10,800.00	\$10,800.00	\$0.00
E-R810	Construction of 500mm Flow Meter Monitoring chamber at station 5+562	Completed	\$49,600.00	\$49,600.00	\$0.00
E-R820	Connect to Existing 500mm DIP as per detail B/CD-0001 (Northen Connection)	Completed	\$5,000.00	\$5,000.00	\$0.00
Subtotal			\$325,557.24	\$325,557.24	\$0.00
TO 14-02	80mm pipes and chambers				
E-R750	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 5+188	Completed	\$2,429.30	\$2,429.30	\$0.00
E-R760	Construction of 80mm Gate Valve chamber at station 5+188	Completed	\$2,400.00	\$2,400.00	\$0.00
E-R762	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 5+543	Completed	\$1,490.90	\$1,490.90	\$0.00
E-R763	Construction of 80mm Gate Valve chamber at station 5+543	Completed	\$2,400.00	\$2,400.00	\$0.00
Subtotal			\$8,720.20	\$8,720.20	\$0.00
Subtotal			\$334,277.44	\$334,277.44	\$0.00
Subtotal			\$784,814.88	\$784,814.88	\$0.00
TO 14-02	Mechanical Electrical installation				
TO 14-02	Mechanical Valves and Fittings				
E-M-01	Installation of all mechanical fittings and valves for Chambers - Phase 1	Completed	\$273,281.40	\$273,281.40	\$0.00
E-M-02	Installation of all mechanical fittings and valves for Chambers - Phase 2	Completed	\$373,200.00	\$373,200.00	\$0.00
Subtotal			\$646,481.40	\$646,481.40	\$0.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost	
TO 14-02	Instrumentation and SCADA Programming					
	E-S-171	Supply and Install Instruments as per section 13500 for Bani Naim service connection and Flow Monitoring Chamber	Completed	\$102,000.00	\$102,000.00	\$0.00
	E-S-172	SCADA Head-End Integration and Programming	Completed	\$4,800.00	\$4,800.00	\$0.00
	Subtotal			\$106,800.00	\$106,800.00	\$0.00
TO 14-02	Cathodic Protection					
	E-S-184	Installation of Cathodic Protection - Phase 1 (from Station 1+000 to station 3+500)	Completed	\$12,600.00	\$12,600.00	\$0.00
	E-S-194	Installation of Cathodic Protection - Phase 2 (from Station 3+500 to station 5+580.24)	Completed	\$11,100.00	\$11,100.00	\$0.00
	Subtotal			\$23,700.00	\$23,700.00	\$0.00
	Subtotal			\$776,981.40	\$776,981.40	\$0.00
TO 14-02	Reinstatement and Road Work					
	E1000	Asphalt reinstatement over trench with 500 mm pipes St.1+000 to 1+019 and 5+565 to 5+597 and over trench 6" at Sta. 950	Completed	\$5,205.50	\$5,205.50	\$0.00
	E1010	Asphalt reinstatement in narrow roads up to 3.0 m width, 3+416 to 3+436,	Completed	\$3,600.00	\$3,600.00	\$0.00
	E1020	Basecourse reinstatement over dual trench with 500 and 150 mm pipes St. 5+080 to 5+565.	Completed	\$6,120.00	\$6,120.00	\$0.00
	E1030	Asphalt reinstatement over trench with 500 and 150 mm, St. 1+019 to 1+920	Completed	\$86,406.40	\$86,406.40	\$0.00
	E1040	Asphalt reinstatement in narrow roads up to 3.0 m width, St.1+920 to 3+416, 3+436 to 5+080	Completed	\$485,822.88	\$485,822.88	\$0.00
	E1050	Asphalt reinstatement over trench with 80 mm pipes	Completed	\$1,544.00	\$1,544.00	\$0.00
	E1060	Asphalt reinstatement over trench with 350 mm pipes	Completed	\$343.00	\$343.00	\$0.00
TO 14-02	Change in Plan/Profile for the road from Sta. 2+100 to Sta. 5+585					

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
A1000	Excavation to the specified levels as per modified plan/profile of road per SM-14-00002-UDSI-E-C-006	Completed	\$19,564.26	\$19,564.26	\$0.00
A1010	Filling horizontal layers not exceeding 200mm in depth	Completed	\$49,398.10	\$49,398.10	\$0.00
Subtotal			\$68,962.36	\$68,962.36	\$0.00
Subtotal			\$658,004.14	\$658,004.14	\$0.00
TO 14-02	Miscellaneous				
E-R1000	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline	Completed	\$0.00	\$0.00	\$0.00
E1070	Concrete Encasement	Completed	\$14,763.00	\$14,763.00	\$0.00
E1090	Pipe Marking	Completed	\$1,100.00	\$1,100.00	\$0.00
Subtotal			\$15,863.00	\$15,863.00	\$0.00
TO 14-02	Testing, Training and Commissioning				
E-S-140	Cleaning, washing, hydraulic test and disinfection for Ras Al Taweel & Al 'Uddeisa Transmission Pipeline	Completed	\$18,779.00	\$18,779.00	\$0.00
E-S-145	Site inspection/ Support/ Start up (Precommissioning)	Completed	\$4,000.00	\$4,000.00	\$0.00
E-S-150	Training	Completed	\$4,000.00	\$4,000.00	\$0.00
E-S-160	O&M Technical Manuals	Completed	\$4,000.00	\$4,000.00	\$0.00
E-S-173	Testing and Commissioning of Electrical and Control System and Equipment	Completed	\$3,400.00	\$3,400.00	\$0.00
E-S-174	Testing and Commissioning of the entire system	Completed	\$4,000.00	\$4,000.00	\$0.00
Subtotal			\$38,179.00	\$38,179.00	\$0.00
Subtotal			\$3,757,945.54	\$3,757,945.54	\$0.00
TO 14-02	Al Safi Booster Station – Phase I Pipeline Connection				

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
COR-1120	Coordination with Engineer for the temporary outage of existing pipeline	Completed	\$0.00	\$0.00	\$0.00
TO 14-02	Civil and Mechanical Work				
E-S-09	Fabrication of New 900 X 400 steel Tee	Completed	\$0.00	\$0.00	\$0.00
E-S-10	Disconnect the 900 DIP Main Pipeline and installation of New 900 X 400 steel Tee with Ductile Flanged Socket Adaptors	Completed	\$90,000.00	\$90,000.00	\$0.00
E-S-20	Installation of 400 mm Flanged dismantling Joint and 400mm Flanged Butterfly Valve including 400 mm steel pipe	Completed	\$85,000.00	\$85,000.00	\$0.00
E-S-30	Construction of Conceret Pad as per detail S-190 - S-DT06 and Reconstruct Concrete wall and fence and Asphalt Reinstatem	Completed	\$6,000.00	\$6,000.00	\$0.00
E-S-40	Installation of Flow Meter and PRV Equipment Pad as per sheet M-0001	Completed	\$140,000.00	\$140,000.00	\$0.00
E-S-50	Installation of yard pipeline including Two BFV chambers , C-504/C-DT61	Completed	\$63,047.80	\$63,047.80	\$0.00
E-S-60	Installation of Tank Connection as per Detail CD-0001	Completed	\$90,000.00	\$90,000.00	\$0.00
Subtotal			\$474,047.80	\$474,047.80	\$0.00
TO 14-02	SCADA Programming				
E-S-70	Instrumentation and Power Wiring for Flow and Pressure Transmitters	Completed	\$2,000.00	\$2,000.00	\$0.00
E-S-80	PLC/ RTU and SCADA Programming	Completed	\$3,700.00	\$3,700.00	\$0.00
Subtotal			\$5,700.00	\$5,700.00	\$0.00
TO 14-02	Testing, Training and Commissioning				
E-S-090	Cleaning, washing, hydraulic test and disinfection for the entire pipelines in AlSafi	Completed	\$650.00	\$650.00	\$0.00
E-S-100	Site inspection/ Support/ Start up (Precommissioning)	Completed	\$2,000.00	\$2,000.00	\$0.00
E-S-110	Training	Completed	\$2,000.00	\$2,000.00	\$0.00
E-S-120	O&M Technical Manuals	Completed	\$2,000.00	\$2,000.00	\$0.00
E-S-90	Testing and Commissioning of Electrical and Control System and Equipment	Completed	\$2,000.00	\$2,000.00	\$0.00
Subtotal			\$8,650.00	\$8,650.00	\$0.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
Subtotal			\$488,397.80	\$488,397.80	\$0.00
TO 14-02	Variation Orders				
TO 14-02	Variation Order no 02				
A1020	Installation of 3/4" pipes	Completed	\$5,187.00	\$5,187.00	\$0.00
A1030	Concrete protection	Completed	\$1,343.00	\$1,343.00	\$0.00
A1040	Installation of Precast Concrete Catch Basin	Completed	\$3,585.00	\$3,585.00	\$0.00
Subtotal			\$10,115.00	\$10,115.00	\$0.00
Subtotal			\$10,115.00	\$10,115.00	\$0.00
Subtotal			\$4,256,458.34	\$4,256,458.34	\$0.00
Subtotal			\$4,256,458.34	\$4,256,458.34	\$0.00
TO 14-02	Post Construction Phase				
TO 14-02	Post Construction Submittals				
PCS1000	Warranties	Completed	\$0.00	\$0.00	\$0.00
PCS1010	Site Hand over and Final Acceptance Certificate	Completed	\$0.00	\$0.00	\$0.00
PCS1020	Final Report	Completed	\$0.00	\$0.00	\$0.00
PCS1030	Final Operation and Maintenance O&M Manual	Completed	\$0.00	\$0.00	\$0.00
PCS1040	As-Built Drawings	Completed	\$0.00	\$0.00	\$0.00
PCS1050	Spare Parts	Completed	\$0.00	\$0.00	\$0.00
PCS1060	Release of Liens and Waiver of Debts and Claims letter	Completed	\$0.00	\$0.00	\$0.00

AC-02 Activity Costs

WBS

Activity ID	Activity Name	Activity Status	BL Total Cost	Actual Total Cost	Remaining Total Cost
PCS1070	Preparation of Final Payment	Completed	\$0.00	\$0.00	\$0.00
PCS1080	Training Completion Documents	Completed	\$0.00	\$0.00	\$0.00
PCS1090	Clearance Certificate from Local Authorities	Completed	\$0.00	\$0.00	\$0.00
PCS1100	Demobilization	Completed	\$40,408.00	\$40,408.00	\$0.00
Subtotal			\$40,408.00	\$40,408.00	\$0.00
Subtotal			\$40,408.00	\$40,408.00	\$0.00
Subtotal			\$4,458,498.34	\$4,458,498.34	\$0.00
Subtotal			\$4,458,498.34	\$4,458,498.34	\$0.00
Subtotal			\$4,458,498.34	\$4,458,498.34	\$0.00
Subtotal			\$4,458,498.34	\$4,458,498.34	\$0.00
Subtotal			\$4,458,498.34	\$4,458,498.34	\$0.00
Subtotal			\$4,458,498.34	\$4,458,498.34	\$0.00
Total			\$4,458,498.34	\$4,458,498.34	\$0.00

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
UDSI-A-1-1-51 Trench Excavation for 500 mm Main pipes. St.1+000 to 1+019, 3+416 to 3+436, and 5+565 to 5+597			
E-R150	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 1+000 to ST 2+000	17	17
E-R300	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 2+000 to ST 3+000	157	157
E-R330	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 3+000 to ST 4+000	0	0
E-R740	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 5+000 to ST 5+580.24	27	27
	Total	201	201
UDSI-A-1-1-50 Trench Excavation for 350 mm Ras Al Tawil future connection as on sheet C-0024 pipes			
E-R790	Excavation, Bedding, Installation and Backfilling of 350mm and 100mm steel pipelines from station 5+575	30	30
	Total	30	30
UDSI-A-1-1-49 Trench Excavation for 150 mm pipes St. 0+995 to St. 1+020			
E-R150	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 1+000 to ST 2+000	98	98
	Total	98	98
UDSI-A-1-1-52 Trench Excavation for 150 mm pipes future connections to Al Udiesha Network and booster station			
E-R660	Excavation, Bedding, Installation and Backfilling of 150mm steel pipeline from station 4+850 to station 4+865	36	36
	Total	36	36
UDSI-A-1-1-53 Double line Trench Excavation for DN500 mm and DN150 mm pipes (main and distribution pipes with in 1+020 to 3+416, and 3+436 to 5+565)			
E-R150	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 1+000 to ST 2+000	980	980
E-R300	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 2+000 to ST 3+000	830	830
E-R330	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 3+000 to ST 4+000	1000	1000
E-R530	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 4+000 to ST 5+000	1000	1000

Footer 1

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
E-R740	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 5+000 to ST 5+580.24	541	541
Total		4351	4351

UDSI-A-1-1-54 Trench Excavation for 80 mm pipes service connections along 150mm pipes

E-R1000	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline	0	0
E-R180	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 0+959	2	2
E-R220	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+440	2	2
E-R240	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+820	17	17
E-R260	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+955	47	47
E-R310	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 2+367	2	2
E-R900	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 2+506	17	17
E-R920	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 2+940	4	4
E-R380	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+238	13	13
E-R430	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+415	3	3
E-R450	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+631	16	16
E-R470	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+852	13	13
E-R540	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+098	6	6
E-R620	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+428	14	14
E-R635	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+575	9	9
E-R940	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+840	5	5
E-R960	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+914	9	9
E-R720	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+981	8	8
E-R750	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 5+188	14	14
E-R762	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 5+543	9	9
Total		211	211

UDSI-A-1-2-25 Backfill for pipe and trench zone,500mm pipes. St.3+416 to 3+436

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
E-R150	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 1+000 to ST 2+000	8	8
E-R300	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 2+000 to ST 3+000	157	157
E-R330	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 3+000 to ST 4+000	0	0
E-R740	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 5+000 to ST 5+580.24	2	2
Total		167	167

UDSI-A-1-2-26 Double line Trench backfill for 500 mm and 150 mm pipes (main and distribution pipes , within station 1+020 to 3+416, and 3+436 to 5+565)

E-R150	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 1+000 to ST 2+000	971	971
E-R300	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 2+000 to ST 3+000	814	814
E-R330	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 3+000 to ST 4+000	1000	1000
E-R530	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 4+000 to ST 5+000	963	963
E-R740	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 5+000 to ST 5+580.24	481	481
Total		4229	4229

UDSI-A-1-2-27 Trench Dams within double line trench for 500mm and 150mm pipes, where trench slope is greater than 10%.

E-R530	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 4+000 to ST 5+000	0	0
E-R740	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 5+000 to ST 5+580.24	0	0
Total		0	0

UDSI-A-1-3-53 Backfill for pipe and trench zone,500mm pipes from St. 3+416 to 3+436

E-R150	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 1+000 to ST 2+000	8	8
E-R300	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 2+000 to ST 3+000	157	157
E-R330	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 3+000 to ST 4+000	0	0
E-R740	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 5+000 to ST 5+580.24	16	16
Total		181	181

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
UDSI-A-1-3-54 Backfill for Double line Trench backfill for 500 mm and 150 mm pipes (main and distribution pipes , from station 1+020 to 3+416, and 3+436 to 5+565)			
E-R150	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 1+000 to ST 2+000	971	971
E-R300	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 2+000 to ST 3+000	830	830
E-R330	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 3+000 to ST 4+000	1000	1000
E-R530	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 4+000 to ST 5+000	1000	1000
E-R740	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 5+000 to ST 5+580.24	541	541
Total		4342	4342
UDSI-A-1-3-50 Backfill for Pipeline encasement and low strength concrete trench for pipes DN 500.			
E-R150	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 1+000 to ST 2+000	19	19
E-R740	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 5+000 to ST 5+580.24	10	10
Total		29	29
UDSI-A-1-3-49 Backfill for Pipeline encasement and low strength concrete trench for pipes DN 350.			
E-R790	Excavation, Bedding, Installation and Backfilling of 350mm and 100mm steel pipelines from station 5+575	30	30
Total		30	30
UDSI-A-1-3-51 Backfill for Pipeline encasement and low strength concrete trench for pipes DN 150.			
E-R150	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 1+000 to ST 2+000	132	132
E-R660	Excavation, Bedding, Installation and Backfilling of 150mm steel pipeline from station 4+850 to station 4+865	3	3
Total		135	135
UDSI-A-1-3-52 Backfill for Pipeline encasement and low strength concrete trench for pipes DN 80. Service connections as on sheets C-0003 to C-0024.			

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
E-R1000	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline	0	0
E-R180	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 0+959	2	2
E-R220	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+440	2	2
E-R240	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+820	17	17
E-R260	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+955	47	47
E-R310	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 2+367	2	2
E-R900	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 2+506	17	17
E-R920	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 2+940	4	4
E-R380	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+238	13	13
E-R430	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+415	3	3
E-R450	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+631	16	16
E-R470	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+852	13	13
E-R540	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+098	6	6
E-R620	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+428	14	14
E-R635	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+575	9	9
E-R940	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+840	5	5
E-R960	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+914	9	9
E-R720	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+981	8	8
E-R750	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 5+188	14	14
E-R762	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 5+543	9	9
Total		211	211

UDSI-A-2-1-41 Steel Pipe and fittings for main pipeline, 500 mm

E-R150	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 1+000 to ST 2+000	985	985
E-R300	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 2+000 to ST 3+000	1000	1000
E-R330	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 3+000 to ST 4+000	1000	1000
E-R530	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 4+000 to ST 5+000	1000	1000

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
E-R740	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 5+000 to ST 5+580.24	567	567
	Total	4552	4552
UDSI-A-2-1-42 Steel Pipe and fittings for Ras Al Tawil future connection with blind flange, 350mm			
E-R790	Excavation, Bedding, Installation and Backfilling of 350mm and 100mm steel pipelines from station 5+575	30	30
	Total	30	30
UDSI-A-2-1-45 Steel Pipe and fittings for network pipeline, 150 mm			
E-R150	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 1+000 to ST 2+000	1044	1044
E-R300	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 2+000 to ST 3+000	862	862
E-R330	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 3+000 to ST 4+000	980	980
E-R530	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 4+000 to ST 5+000	1000	1000
E-R740	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 5+000 to ST 5+580.24	563	563
	Total	4449	4449
UDSI-A-2-1-43 Steel Pipe and fittings for future connection with blind flange to Al Udiessa Network and booster station, 150 mm			
E-R660	Excavation, Bedding, Installation and Backfilling of 150mm steel pipeline from station 4+850 to station 4+865	36	36
	Total	36	36
UDSI-A-2-1-44 Steel Pipe and fittings for service connections, 80 mm			
E-R1000	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline	0	0
E-R180	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 0+959	2	2
E-R220	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+440	2	2
E-R240	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+820	17	17
E-R260	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+955	47	47

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RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
E-R310	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 2+367	2	2
E-R900	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 2+506	17	17
E-R920	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 2+940	4	4
E-R380	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+238	13	13
E-R430	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+415	3	3
E-R450	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+631	16	16
E-R470	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+852	13	13
E-R540	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+098	6	6
E-R620	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+428	14	14
E-R635	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+575	9	9
E-R940	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+840	5	5
E-R960	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+914	9	9
E-R720	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+981	8	8
E-R750	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 5+188	14	14
E-R762	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 5+543	9	9
Total		211	211

UDSI-A-2-2-17 Furnish and install Anodes

E-S-184	Installation of Cathodic Protection - Phase 1 (from Station 1+000 to station 3+500)	37	37
E-S-194	Installation of Cathodic Protection - Phase 2 (from Station 3+500 to station 5+580.24)	32	32
Total		69	69

UDSI-A-2-2-18 Furnish and install test stations

E-S-184	Installation of Cathodic Protection - Phase 1 (from Station 1+000 to station 3+500)	3	3
E-S-194	Installation of Cathodic Protection - Phase 2 (from Station 3+500 to station 5+580.24)	3	3
Total		6	6

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
UDSI-A-3-17 Connection 150mm to one existing pipe			
E-R140	Cut-in Connect to existing 500mm DIP as per detail A/CD-0001 and 6" pipe (Southern Connection)	1	1
Total		1	1
UDSI-A-3-18 Cut-in Connect 500mm to one existing pipe			
E-R820	Connect to Existing 500mm DIP as per detail B/CD-0001 (Northern Connection)	1	1
E-R140	Cut-in Connect to existing 500mm DIP as per detail A/CD-0001 and 6" pipe (Southern Connection)	1	1
Total		2	2
UDSI-A-4-1-9 Supply, install and construct Check Valve chamber at Yatta Junction . DN 500 mm.			
E-R120	Construction of DN 500 mm Check Valve chamber as per detail A/M-0001 at Yatta Junction	0	0
E-M-01	Installation of all mechanical fittings and valves for Chambers - Phase 1	1	1
E-M-02	Installation of all mechanical fittings and valves for Chambers - Phase 2	0	0
Total		1	1
UDSI-A-4-2-34 Supply and install and construct complete Bani Naim Reservoir Service Connection Chamber			
E-R130	Construction of Bani Naim Reservoir Connection Chamber as per Detail A/M-0002	0	0
E-M-01	Installation of all mechanical fittings and valves for Chambers - Phase 1	1	1
E-M-02	Installation of all mechanical fittings and valves for Chambers - Phase 2	0	0
Total		1	1
UDSI-A-4-2-36 SCADA Head-End Integration and Programming per Section 13500B,P&IDs,			
E-S-172	SCADA Head-End Integration and Programming	1	1
Total		1	1

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
UDSI-A-4-2-33 Supply and Install Instruments Including all Appurtenances Required for Complete and Functional System			
E-S-171	Supply and Install Instruments as per section 13500 for Bani Naim service connection and Flow Monitoring Chamber	1	1
Total		1	1
UDSI-A-4-2-35 Testing and Commissioning of Electrical and Control System and Equipment complete			
E-S-173	Testing and Commissioning of Electrical and Control System and Equipment	1	1
Total		1	1
UDSI-A-4-3-42 Supply, install and construct Main Monitoring water meter chamber complete at STA.3+420, 5+580. DN 500 mm.			
E-R810	Construction of 500mm Flow Meter Monitoring chamber at station 5+562	0	0
E-R400	Construction of Flow Meter Monitoring chamber at station 2+510	0	0
E-M-02	Installation of all mechanical fittings and valves for Chambers - Phase 2	1	1
Total		2	2
UDSI-A-4-3-41 Supply, install and construct Main Monitoring water meter chamber complete at Yatta Junction DN 400 mm.			
E-R110	Construction of Flow Monitoring chamber as per detail M-VCFM at Yatta Junction (Yaqeen)	0	0
E-M-01	Installation of all mechanical fittings and valves for Chambers - Phase 1	1	1
E-M-02	Installation of all mechanical fittings and valves for Chambers - Phase 2	0	0
Total		1	1
UDSI-A-4-3-44 SCADA Head-End Integration and Programming			

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
E-S-172	SCADA Head-End Integration and Programming	3	3
	Total	3	3
UDSI-A-4-3-45 Supply and Install Instruments per Section 13500A,P&Ids,Drawings and Specification Including all Appurtenances Required for Complete and Functional System			
E-S-171	Supply and Install Instruments as per section 13500 for Bani Naim service connection and Flow Monitoring Chamber	3	3
	Total	3	3
UDSI-A-4-3-43 Testing and Commissioning of Electrical and Control System and Equipment			
E-S-173	Testing and Commissioning of Electrical and Control System and Equipment	3	3
	Total	3	3
UDSI-A-4-4-34 Supply and install complete DN 500 mm BFV and its chamber			
E-R170	Construction of 500mm BFV chamber at station 1+017 (Bani Na'im BFV Chamber 1)	0	0
E-R350	Construction of 500mm BFV chamber at station 2+513 (500mm isolation chamber 2)	0	0
E-R772	Construction of 500mm BFV chamber at station 5+115 (500mm isolation chamber 2)	0	0
E-M-01	Installation of all mechanical fittings and valves for Chambers - Phase 1	1	1
E-M-02	Installation of all mechanical fittings and valves for Chambers - Phase 2	1	1
	Total	3	3
UDSI-A-4-4-33 Supply and install complete DN 150 mm Gate Valve and its chamber			
E-R160	Construction of 150mm Gate Valve chamber at station 0+956	0	0
E-R280	Construction of 150mm Gate Valve chamber at station 1+955	0	0
E-R600	Construction of 150mm Gate Valve chamber at station 4+680	0	0
E-R670	Construction of 150mm Gate Valve chamber at station 4+815	0	0

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RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
E-R690	Construction of 150mm Gate Valve chamber at station 4+895	0	0
E-M-01	Installation of all mechanical fittings and valves for Chambers - Phase 1	1	1
E-M-02	Installation of all mechanical fittings and valves for Chambers - Phase 2	2	2
Total		5	5
UDSI-A-4-4-35 Supply and install complete DN 80 mm Gate Valve and its chamber			
E-R190	Construction of 80mm Gate Valve chamber at station 0+959	0	0
E-R230	Construction of 80mm Gate Valve chamber at station 1+440	0	0
E-R250	Construction of 80mm Gate Valve chamber at station 1+820	0	0
E-R270	Construction of 80mm Gate Valve chamber at station 1+955	0	0
E-R320	Construction of 80mm Gate Valve chamber at station 2+367	0	0
E-R910	Construction of 80mm Gate Valve chamber at station 2+506	0	0
E-R930	Construction of 80mm Gate Valve chamber at station 2+940	0	0
E-R390	Construction of 80mm Gate Valve chamber at station 3+238	0	0
E-R440	Construction of 80mm Gate Valve chamber at station 3+415	0	0
E-R460	Construction of 80mm Gate Valve chamber at station 3+631	0	0
E-R480	Construction of 80mm Gate Valve chamber at station 3+852	0	0
E-R550	Construction of 80mm Gate Valve chamber at station 4+098	0	0
E-R630	Construction of 80mm Gate Valve chamber at station 4+428	0	0
E-R645	Construction of 80mm Gate Valve chamber at station 4+575	0	0
E-R950	Construction of 80mm Gate Valve chamber at station 4+840	0	0
E-R970	Construction of 80mm Gate Valve chamber at station 4+914	0	0
E-R730	Construction of 80mm Gate Valve chamber at station 4+981	0	0
E-R760	Construction of 80mm Gate Valve chamber at station 5+188	0	0
E-R763	Construction of 80mm Gate Valve chamber at station 5+543	0	0
E-M-01	Installation of all mechanical fittings and valves for Chambers - Phase 1	4	4
E-M-02	Installation of all mechanical fittings and valves for Chambers - Phase 2	7	7
Total		19	19

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
UDSI-A-4-4-36 Supply and install complete DN 350 mm BFV and its chamber			
E-R770	Construction of 500mm BFV chamber at station 5+575 (350mm isolation chamber 3)	0	0
E-M-02	Installation of all mechanical fittings and valves for Chambers - Phase 2	1	1
Total		1	1
UDSI-A-4-5-25 Supply and install complete DN 100 mm Combination Air Valve (combination of air and vacuum valve and air release valve), piping, and its chamber on DN 500 mm pipeline			
E-R372	Construction of 100mm AVAR chamber at station 2+222 for 500mm pipe	0	0
E-R370	Construction of 100mm AVAR chamber at station 3+030 for 500mm pipe	0	0
E-R500	Construction of 100mm AVAR chamber at station 3+860 for 500mm pipe	0	0
E-M-02	Installation of all mechanical fittings and valves for Chambers - Phase 2	2	2
Total		3	3
UDSI-A-4-5-26 Supply and install complete DN 150 mm Combination Air Valve (combination of air and vacuum valve and air release valve), piping, and its chamber on DN 500 mm pipeline			
E-R570	Construction of 150mm AVAR chamber at station 4+395 for 500mm pipe	0	0
E-R710	Construction of 150mm AVAR chamber at station 4+900 for 500mm pipe	0	0
E-M-02	Installation of all mechanical fittings and valves for Chambers - Phase 2	1	1
Total		2	2
UDSI-A-4-5-27 Supply and install complete DN 75 mm Combination Air Valve (combination of air and vacuum valve and air release valve), piping, and its chamber on DN 150 mm pipeline			
E-R700	Construction of 75mm AVAR chamber at station 2+220 for 150mm pipe	0	0
E-R360	Construction of 75mm AVAR chamber at station 3+032 for 150mm pipe	0	0
E-R490	Construction of 75mm AVAR chamber at station 3+862 for 150mm pipe	0	0

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RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
E-R560	Construction of 75mm AVAR chamber at station 4+393 for 150mm pipe	0	0
E-M-02	Installation of all mechanical fittings and valves for Chambers - Phase 2	2	2
Total		4	4

UDSI-A-4-6-17 Supply and install complete DN 200mm washout pipeline and its chamber on DN 500mm pipes

E-R175	Construction of 200mm WO chamber at station 1+205 for 500mm pipe	0	0
E-R420	Construction of 200mm WO chamber at station 3+513 for 500mm pipe	0	0
E-R520	Construction of 200mm WO chamber at station 4+000 for 500mm pipe	0	0
E-R650	Construction of 200mm WO chamber at station 4+603 for 500mm pipe	0	0
E-R780	Construction of 200mm WO chamber at station 5+521 for 500mm pipe	0	0
E-M-01	Installation of all mechanical fittings and valves for Chambers - Phase 1	1	1
E-M-02	Installation of all mechanical fittings and valves for Chambers - Phase 2	2	2
Total		5	5

UDSI-A-4-6-18 Supply and install complete DN 75mm washout pipeline and its chamber on DN 150mm pipes

E-R510	Construction of 75mm WO chamber at station 3+995 for 150mm pipe	0	0
E-M-01	Installation of all mechanical fittings and valves for Chambers - Phase 1	0	0
E-M-02	Installation of all mechanical fittings and valves for Chambers - Phase 2	1	1
Total		1	1

UDSI-A-4-7-17 Supply and install and construct complete Emergency Service Connection chambers . Refer to Ras At Tawil Emergency Service Connection Chamber DN 100 mm

E-R800	Construction of Ras At-Tawil Emergency Service Connection Chamber at Station 5+575 as per detail M-0003	0	0
E-M-02	Installation of all mechanical fittings and valves for Chambers - Phase 2	1	1
Total		1	1

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
UDSI-A-4-7-18 Supply and install and construct complete Emergency Service Connection chambers . Refer to AI 'Uddiesa Emergency Service Connection Chamber DN 150 mm			
E-R680	Construction of AI-Uddeisa Emergency Service Connection Chamber at Station 4+860 as per detail M-0004	0	0
E-M-02	Installation of all mechanical fittings and valves for Chambers - Phase 2	1	1
	Total	1	1
UDSI-A-5-65 Asphalt reinstatement over trench with 500 mm pipes . St.1+000 to 1+019 and 5+565 to 5+597			
E1000	Asphalt reinstatement over trench with 500 mm pipes St.1+000 to 1+019 and 5+565 to 5+597 and over trench 6" at Sta. 950	20	20
	Total	20	20
UDSI-A-5-66 Asphalt reinstatement in narrow roads up to 3.0 m width, removal of the asphalted area and reconstruction to match original asphalt level. 3+416 to 3+436,			
E1010	Asphalt reinstatement in narrow roads up to 3.0 m width, 3+416 to 3+436,	72	72
	Total	72	72
UDSI-A-5-68 Asphalt reinstatement over trench with 350 mm pipes			
E1060	Asphalt reinstatement over trench with 350 mm pipes	5	5
	Total	5	5
UDSI-A-5-67 Asphalt reinstatement over trench with 150 mm pipes. St. 0+995 to St. 1+020,			
E1000	Asphalt reinstatement over trench with 500 mm pipes St.1+000 to 1+019 and 5+565 to 5+597 and over trench 6" at Sta. 950	64	64
	Total	64	64
UDSI-A-5-72 Base course reinstatement over dual trench with 500 and 150 mm pipes, including 300mm base course			
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RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
E1020	Basecourse reinstatement over dual trench with 500 and 150 mm pipes St. 5+080 to 5+565.	510	510
	Total	510	510
UDSI-A-5-69 Asphalt reinstatement over trench with 500 and 150 mm, St. 1+019 to 1+920			
E1030	Asphalt reinstatement over trench with 500 and 150 mm, St. 1+019 to 1+920	1080	1080
	Total	1080	1080
UDSI-A-5-70 Asphalt reinstatement in narrow roads up to 3.0 m width, St.1+920 to 3+416, 3+436 to 5+080			
E1040	Asphalt reinstatement in narrow roads up to 3.0 m width, St.1+920 to 3+416, 3+436 to 5+080	17993	17993
	Total	17993	17993
UDSI-A-5-71 Asphalt reinstatement over trench with 80 mm pipes			
E1050	Asphalt reinstatement over trench with 80 mm pipes	39	39
	Total	39	39
UDSI-A-6-17 Cleaning, washing, hydraulic test and disinfection for all the new pipelines in the project.			
E-S-140	Cleaning, washing, hydraulic test and disinfection for Ras Al Taweel & Al 'Uddeisa Transmission Pipeline	9390	9390
	Total	9390	9390
UDSI-A-6-18 Clean, disinfect and test existing 500 mm DIP pipeline from Halhoul Regional Reservoir to Reroute Connection at Station 5+597			
E-T-01	Clean, disinfect and test existing 500 mm DIP pipeline from Halhoul Regional Reservoir to connection	3700	3700
	Total	3700	3700

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
UDSI-A-7-9 Marking pipe as per Specs & Detail, C-518.			
E1090	Pipe Marking	11	11
	Total	11	11
UDSI-A-8-17 Concrete encasement			
E1070	Concrete Encasement	141	141
	Total	141	141
UDSI-A-9-36 Testing			
E-S-174	Testing and Commissioning of the entire system	1	1
	Total	1	1
UDSI-A-9-33 Training			
E-S-150	Training	1	1
	Total	1	1
UDSI-A-9-35 O&M Technical Manuals			
E-S-160	O&M Technical Manuals	1	1
	Total	1	1
UDSI-A-9-34 Site inspection/ Support/ Start up			
E-S-145	Site inspection/ Support/ Start up (Precommissioning)	1	1
	Total	1	1

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
UDSI-B-1-1-9 Trench Excavation for 400 mm pipes			
E-S-50	Installation of yard pipeline including Two BFV chambers , C-504/C-DT61	41	41
	Total	41	41
UDSI-B-1-2-9 Backfill for pipe and trench zone, 400mm pipes			
E-S-50	Installation of yard pipeline including Two BFV chambers , C-504/C-DT61	41	41
	Total	41	41
UDSI-B-1-3-9 Backfill for pipe and trench zone, 400mm pipes			
E-S-50	Installation of yard pipeline including Two BFV chambers , C-504/C-DT61	41	41
	Total	41	41
UDSI-B-2-1-9 Steel Pipe and fittings, 400 mm			
E-S-50	Installation of yard pipeline including Two BFV chambers , C-504/C-DT61	41	41
	Total	41	41
UDSI-B-3-17 DN400 steel pipe to DN900 existing DIP Connection:			
E-S-10	Disconnect the 900 DIP Main Pipeline and installation of New 900 X 400 steel Tee with Ductile Flanged Socket Adaptors	1	1
	Total	1	1
UDSI-B-3-18 Steel Pipe Tank Connection:			
E-S-60	Installation of Tank Connection as per Detail CD-0001	1	1
	Total	1	1

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
UDSI-B-4-1-26 Supply and install complete DN 300 mm flanged butterfly Valve and its chamber			
E-S-50	Installation of yard pipeline including Two BFV chambers , C-504/C-DT61	1	1
	Total	1	1
UDSI-B-4-1-25 Supply and install complete DN 400 mm flanged buried butterfly Valve (Al Safi Tee to 900mm pipeline)			
E-S-20	Installation of 400 mm Flanged dismantling Joint and 400mm Flanged Butterfly Valve including 400 mm steel pipe	1	1
	Total	1	1
UDSI-B-4-1-27 Supply and install complete DN 400 mm flanged butterfly Valve and its chamber			
E-S-50	Installation of yard pipeline including Two BFV chambers , C-504/C-DT61	1	1
	Total	1	1
UDSI-B-4-2-9 Supply and install all Flow Monitoring & Flow Control Valve Assembly as per M-0001			
E-S-40	Installation of Flow Meter and PRV Equipment Pad as per sheet M-0001	1	1
	Total	1	1
UDSI-B-5-9 Asphalt reinstatement over trench with 400 mm & 900mm pipes			
E-S-30	Construction of Conceret Pad as per detail S-190 - S-DT06 and Reconstruct Concrete wall and fence and Asphalt Reinstatem	5	5
	Total	5	5
UDSI-B-6-9 Reconstruction of the concrete wall and fence section that might be demolished during pipeline trench excavation (Optional)			

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
E-S-30	Construction of Conceret Pad as per detail S-190 - S-DT06 and Reconstruct Concrete wall and fence and Asphalt Reinstatem	1	1
Total		1	1
UDSI-B-7-9 Cleaning, washing, hydraulic test and disinfection for the entire pipelines in the project.			
E-S-090	Cleaning, washing, hydraulic test and disinfection for the entire pipelines in AlSafi	65	65
Total		65	65
UDSI-B-9-44 PLC / RTU Programming			
E-S-80	PLC/ RTU and SCADA Programming	1	1
Total		1	1
UDSI-B-9-41 SCADA Head-End Integration and Programming			
E-S-80	PLC/ RTU and SCADA Programming	1	1
Total		1	1
UDSI-B-9-45 SCADA system Front End Processor (FEP) programming modifications / additions and communication system modifications / additions for the transmission of added I/O points			
E-S-80	PLC/ RTU and SCADA Programming	1	1
Total		1	1
UDSI-B-9-42 Instrumentation Wiring for Flow and Pressure Transmitters			
E-S-70	Instrumentation and Power Wiring for Flow and Pressure Transmitters	1	1
Total		1	1

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
UDSI-B-9-43 Power wiring for Flow Meters			
E-S-70	Instrumentation and Power Wiring for Flow and Pressure Transmitters	1	1
	Total	1	1
UDSI-B-10-33 Testing			
E-S-90	Testing and Commissioning of Electrical and Control System and Equipment	1	1
	Total	1	1
UDSI-B-10-35 Training			
E-S-110	Training	1	1
	Total	1	1
UDSI-B-10-36 O&M Technical Manuals			
E-S-120	O&M Technical Manuals	1	1
	Total	1	1
UDSI-B-10-34 Site inspection/ Support/ Start up			
E-S-100	Site inspection/ Support/ Start up (Precommissioning)	1	1
	Total	1	1
UDSI-MOB-8 Mobilization			
UDS-MOB-09	Mobilization Summary	1	1
	Total	1	1

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
UDSI-DEMOB-8 Demobilization			
PCS1100	Demobilization	1	1
		Total	1
VO 1.1.1 Supply and install DN 400mm check valve and its chamber on the existing 400mm DIP pipe			
E-R990	Construction of DN 400 mm Check Valve chamber on the existing 400mm DIP pipe at Yatta Junction	0	0
E-M-01	Installation of all mechanical fittings and valves for Chambers - Phase 1	1	1
		Total	1
VO 1.2.1 Supply and install DN 500mm Butterfly Valve and its chamber on the existing 500 mm DIP Pipe			
E-R980	Construction of DN 500mm Butterfly Valve chamber on the existing 500 mm DIP Pipe at Yatta Junction	0	0
E-M-01	Installation of all mechanical fittings and valves for Chambers - Phase 1	1	1
		Total	1
VO 1.3.1 Excavation			
A1000	Excavation to the specified levels as per modified plan/profile of road per SM-14-00002-UDSI-E-C-006	851	851
		Total	851
VO 1.3.1-1 Filling horizontal layers not exceeding 200mm in depth,			
A1010	Filling horizontal layers not exceeding 200mm in depth	2600	2600
		Total	2600
VO 2.1.1 3/4" pipes			
A1020	Installation of 3/4" pipes	133	133

Footer 1

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code Activity ID	Resource Name Activity	Planned Units	Actual Units
		Total	133
			133
VO 2.2.1	Concrete class - B300		
A1030	Concrete protection	3	3
		Total	3
			3
VO 2.2.2	High Tensile steel		
A1030	Concrete protection	1	1
		Total	1
			1
VO 2.3.1	Concrete Catch Basin		
A1040	Installation of Precast Concrete Catch Basin	1	1
		Total	1
			1
VO 2.3.2	10" UPVC Pipes		
A1040	Installation of Precast Concrete Catch Basin	21	21
		Total	21
			21