



USAID
FROM THE AMERICAN PEOPLE

WEST BANK/GAZA

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

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

MONTHLY PROGRESS REPORT

From March 01, 2015 to March 31, 2015

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

DISCLAIMER

"This report is made possible by the support of the American People through the United States Agency for International Development (USAID.) The contents of this report are the sole responsibility of Saqqa and Khoudary CO. LTD. and do not necessarily reflect the views of USAID or the United States Government."



Table of Contents

1. Task Order Overview	02
1.1. Background	
1.2. Project Objective	
1.3. Statement of Work	
1.4. Overview Map	
2. Task Order Key Data	05
3. Project Dashboard Status	06
4. Safety Status	06
4.1 Safety Plan and Measures	
4.2 Safety Meetings	
4.3 Accident Status	
4.4 Notice of Unsafe Condition	
4.5 Safety Conclusion	
5. Traffic Control	08
5.1 Traffic Control Plan	
5.2 Traffic Control Measures	
6. Mitigation, Monitoring and Environmental Compliance	09
7. Construction Risk Management	09
8. Community Outreach	10
9. Gender Consideration	10
10. Meetings and Coordination activities	11
11. Site Visits	12
12. Procurement Status	13
12.1 Procurement during Mobilization Phase	
12.2 Material and Equipment Delivered on Site	
13. Progress and Scheduling	17
13.1 Activities during the Current Reporting Period	
13.2 Planned Activities for Next Month	
14. Task Order Indicators	19
14.1 Water Sector Task Order Indicator 1: Quantity of drinking water available as a result of USG assistance	
14.2 Water Sector Task Order Contract Indicator 2: Person Days of Employment Generated	
15. Working / Non – Working Days	20
16. Site Memorandum	20
17. Quality Control Status	21
17.1 Inspection Requests:	
17.2 Testing Reports:	
18. Submittals Status	27
19. Transmittals	30
20. Requests for Information	32
21. Payments	32



USAID | WEST BANK/GAZA

FROM THE AMERICAN PEOPLE

22. Variation Order Request	33
23. Variation Order	33
24. Obstacles and Challenges.....	34
25. Progress Photos	34
26. Annexes	41
A. Materials- Equipment Received Log	
B. Site Memorandum Log	
C. Inspection Request Log	
D. Submittals Log for the Reporting Period.	
E. RFI's Log for the Reporting Period	
F. Payment Log	
G. Transmittal Log	
H. Geo-MIS Data	
I. Risk Register	
J. Project Updated Schedule	
K. One Month Look ahead Schedule	
L. Completed and in progress activities	
M. Progress S-Curve versus Actual	
N. Approved CPM schedule and for Narrative report	



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

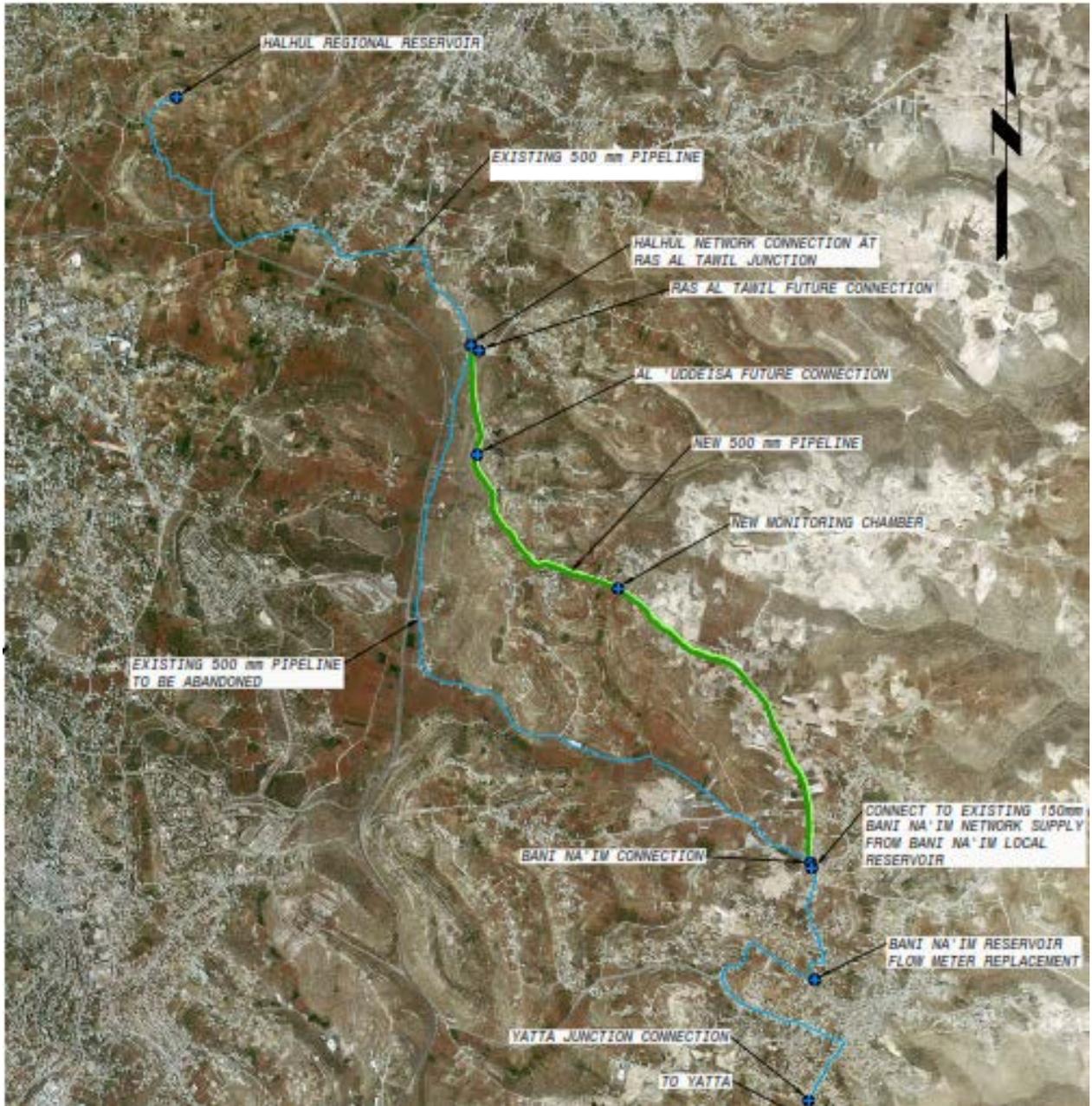


Figure 1: RAS AL TAWIL & AL 'UDEISA WATER INFRASTRUCTURE PHASE 1A



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

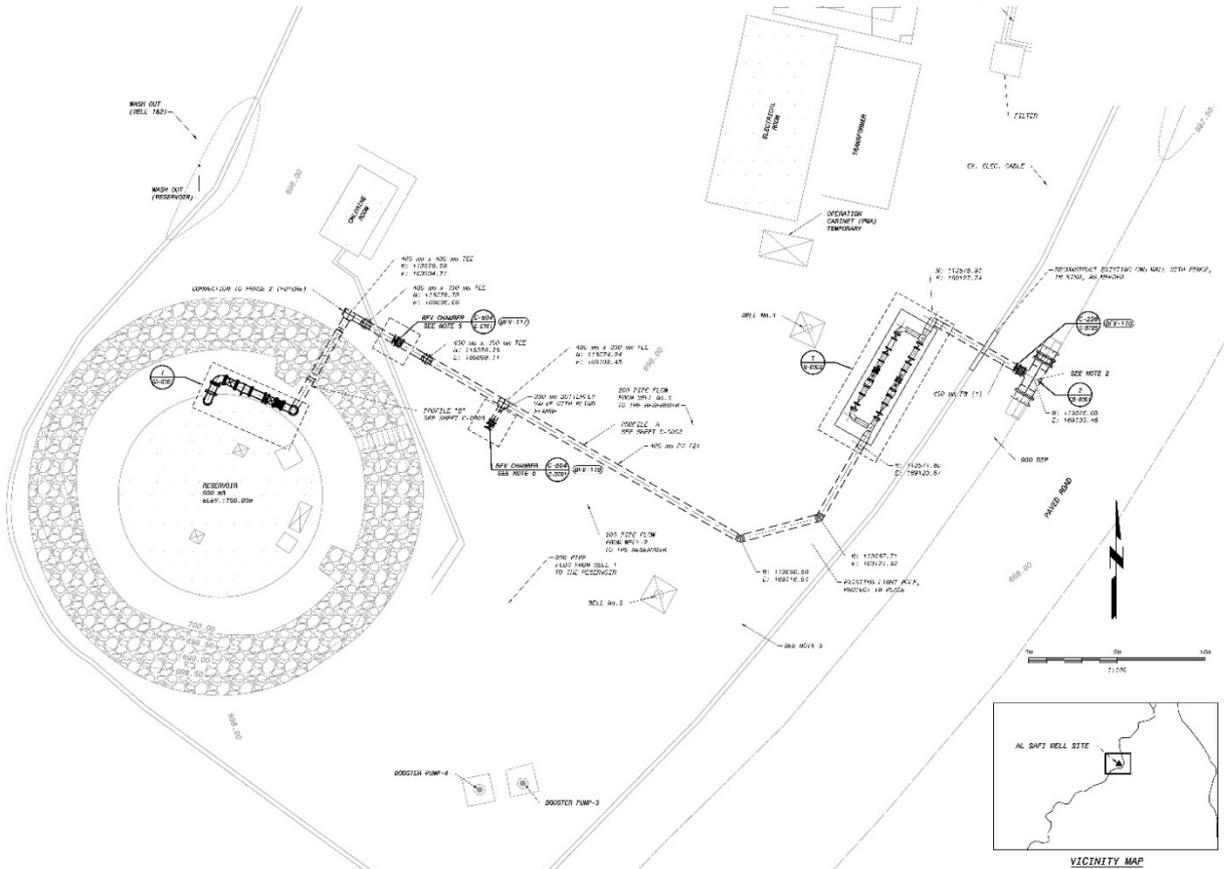


Figure 3: AL SAFI BOOSTER STATION – PHASE I PIPELINE CONNECTION



2. Task Order Key Data

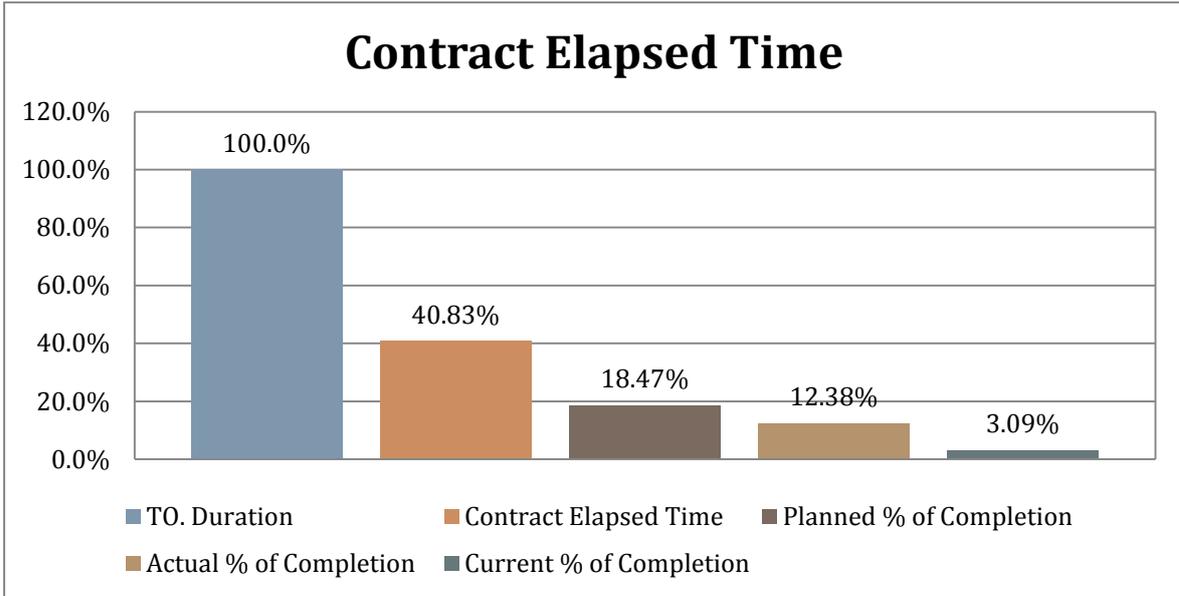
Task Order Name	RAS AL TAWIL & AL 'UDDEISA WATER INFRASTRUCTURE PHASE 1A AND AL SAFI BOOSTER STATION – PHASE I PIPELINE CONNECTION
Contract Number	AID-294-I-13-00002
Task Order Number	AID-294-TO-14-00002
Owner	Palestinian Water Authority (PWA)
Client	USAID West Bank and Gaza
Contractor	Saqqa and Khoudary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



3. Project Dashboard Status

Contract Elapsed Time as of March 31, 2015 [%]	40.83 %
Planned Percentage of Completion through March 31, 2015 [%]	18.47 %
Actual Percentage of Completion through March 31, 2015 [%]	12.38 %
Current Percentage of Completion through March 31, 2015 [%]	3.09 %
Float (Days)	(20) Negative

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



4. Safety Status

4.1. Safety Plan and Measures

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

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

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

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



Furthermore, a workshop Safety Inspection Checklist was prepared and submitted to CMC on February 28, 2015 and on March 15, 2015

An electrical Safety inspection checklist was also prepared and submitted to CMC on March 22, 2015

4.2. Safety Meetings

Saqqa and Khoudary conducted the following safety tool box meeting during February, 2015 for all employers:

Safety Tool Box Meeting Log			
No.	Meeting No.	Submitted Date	Subject
1	STBM-14-00002-UDSI-008	March 12, 2015	How to Keep yourself safe by using proper tools
2	STBM-14-00002-UDSI-009	March 22, 2015	PPE, Access Ladders

4.3. Accident Status

No accidents were reported during this reporting period.

4.4. Notice of Unsafe Condition

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

4.5. Safety Conclusion

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

During this reporting period many safety reports were issued:

- Risk Assessment Report (two reports) .
- Pre-Pour Checklist for Concrete Placement Location (two Reports)
- Workshop Safety Inspections Checklists (one report) .
- Electrical Safety Inspections Checklists (one report)

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



5. Traffic Control

5.1. Traffic Control Plan

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

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

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

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

5.2. Traffic Control Measures

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

6. Mitigation, Monitoring and Environmental Compliance

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

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

A close out of March, 2015 Environmental Check List was submitted to CMC by inspection request on March 30, 2015, CMC reviewed and approved the IR on March 31, 2015.

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

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

7. Construction Risk Management

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



Booster station in order to 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.

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.

During this reporting period, Saqqa and Khoudary coordinated with the adjacent schools and arranged for meetings with the school's students regarding the safety issues during the progress of work.

The following table summarizes the list of Community outreach meetings during this reporting period:

Community Outreach meetings		
Date	Location	Objective
March 10, 2015	UDSI Secondary School - Beit E'non-Hebron	A meeting was conducted with the school manager to discuss the safety and the measurements that should be taken into consideration during the construction period. Accordingly, a meeting was conducted with the school students on March 11, 2015.
March 10, 2015	Yatta Junction	A meeting was conducted with housewives to talk about the project importance and the safety considerations implemented during construction period. Copies from the approved flyers were distributed to them during the conducted meeting.
March 11, 2015	UDSI Secondary School - Beit E'non-Hebron	Coordination meeting was conducted with the school students to discuss the project importance and safety considerations .Copies from the approved flyers were distributed to them during the conducted meeting.

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. Another female Jr. Office engineer has also been hired since January, 2015 and they are both still working till this reporting period.

10. Meetings and Coordination activities

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

Coordination Meeting			
Date	Attendees	Subject	Description
March 01, 2015	Police Station (Hebron/Haras Branch) SAK - Hussam ilhem, Majd Masha`leh	Coordination Meeting - Traffic Control Plan from STA: 2+100 to STA: 3+880	A meeting was conducted with Police Station (Hebron/Haras Branch) regarding the Traffic Control Plan from STA: 2+100 to STA: 3+880. Accordingly, traffic control plan was prepared, stamped and submitted to Engineer.
March 02, 2015	BV- Rabah Najajreh, Talal Najjar SAK- Swilem Musallam, Hussam Milhem	Coordination Meeting	A meeting was conducted with Al-Aabed Concrete Ready Mix Plant at Beit Fajjar factory to discuss the concrete mix design and technical issues with presence of BV and SAK representatives.
March 04, 2015	Haddad Steel company - Ziyad Haddad BV - Khaled Haramy, Rabah Najajreh, Talal Najjar SAK- Swilem Musallam, Hussam Milhem	Coordination Meeting	A meeting was conducted with Haddad Steel company representative to discuss Manhole Cover issues at BV office Sa'er with presence of BV and SAK representatives.
March 09, 2015	USAID - Kamal Kasbary SAK -Jawdat Khoudary, Swilem Mosallam, Hussam Milhem, Majd Masha`leh, Ruba Abuhamdiya, Muwafaq Abu Zeineh, Loay Hanouneh BV - Rabah Najajreh , Talal Najjar, Ibrahim Halahleh, Nariman Barbarawi, Adnan Safi, Abe Siag	Bi-weekly Meeting	Bi-weekly progress meeting #07 was conducted to discuss the work progress at BV office- Sa'er.



	PWA - Taher Safi		
March 16, 2015	Sa`er Municipality - Shehdeh Froukh PWA - Taher Safi	Coordination Meeting	<ul style="list-style-type: none"> • Marking the location of DN100mm Ras al Tawil Emergency Service Connection Chamber with presence of PWA, BV and Sa`er municipality representatives. • Marking the location of DN150mm Al 'Uddiesa Emergency Service Connection Chamber with presence of PWA, BV and Sa`er municipality representatives.
March 23, 2015	USAID - Kamal Kasbary SAK - Swilem Mosallam, Hussam Milhem, Majd Masha`leh, Ruba Abuhamdiya, Loay Hanouneh BV - Rabah Najajreh , Nariman Barbarawi, Adnan Azazmeh	Bi-weekly Meeting	Bi-Weekly Progress Meeting #8 was conducted to discuss the work progress at BV Sa`er office.
March 28, 2015	BV- Daoud Qawasameh, Adnan Safi, Rabah Najajreh, Talal Najjar, SAK - Swilem Mosallam and Hussam Milhem.	Coordination Meeting	A coordination meeting was conducted with Bani Naim Municipality representatives the project status at Bani Naim Municipality Offices with presence of BV and SAK representatives.
March 29, 2015	BV - Ruba Abu Hamdiah , Hadeel Dawadeh Bani Naim Municipality - Khalil Zaidat	Coordination Meeting	A coordination meeting was conducted at Sa`er office with Bani Naim Municipality in presence of SAK representatives to arrange a community outreach meeting with the housewives and school students in Bani Naim.

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
March 03, 2015	Leyzer Pergal (Welding	Workshop/Storage Yard	Welder's Qualification Tests



	Inspector) , Meicha BV - Dr. Salah Al Deen		
March 04, 2015	Haddad Steel company - Ziyad Haddad BV - Khaled Haramy, Rabah Najajreh, Talal Najjar, SAK- Swilem Musallam, Hussam Milhem	BV Office-Sa'er	To discuss Manhole Covers issues.
March 09, 2015	USAID-Kamal Kasbary PWA-Taher Safi	Site	To follow up the work progress.
March 16, 2015	PWA-Taher Safi Sa'er Municipality- Shihadeh Froukh	Site	Discussing the work.
March 18, 2015	Leyzer Pergal (Welding Inspector) , Meicha BV - Dr. Salah Al Deen	Workshop/Storage Yard	Welder's Qualification Tests
March 23, 2015	USAID-Kamal Kasbary	Site	To follow up the work progress.
March 25, 2015	USAID - Jacol Mueller , Brian Egger, Judy McCloskey, Ria Bailey , Kamal Kasbary	SAK Office –Sa'er	USAID Auditor

12. Procurement Status

12.1. Procurement activities

During the current reporting period, Saqqa and Khoudary Company ordered Steel Pipes, fittings and valves. The following table summarizes the status of the procured activities during the current reporting period:

Procurement Schedule for construction activities		
Procured items	Date of order	Expected delivery date
500mm&150 mm Pipes	December 18, 2014	March 07, 2015
Flange Adapters	March 07, 2015	April 18, 2015
Concrete Manholes	March 21, 2015	May 04, 2015



12.2. Material and Equipment Delivered on Site

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

Material Log		
Date	Material Delivered to Site	Quantity
March 1, 2015	Concrete (Concrete Barriers)	1.6 m3
	Concrete (Al Safi Booster Station)	6.5 m3
March 2, 2015	Concrete (Concrete Barriers)	1.6 m3
	Single Size Material	111.480 ton
	Somsom Material	54.190 ton
March 3, 2015	Concrete (Concrete Barriers)	1.6 m3
	Concrete (Al Safi Booster Station)	9.5 m3
	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 m3
	Somsom Material	51,430 ton
	Base Course Material	31.500 ton
	Electrical Conduits	50 L.m
March 5, 2015	Concrete (Concrete Barriers)	1.6 m3
	Concrete (Al Safi Booster Station)	4 m3
	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 m3
	Concrete (Al Safi Booster Station)	6 m3
	Single Size Material	56.120 ton
March 8, 2015	Concrete (Concrete Barriers)	1.6 m3
	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 m3
	Somsom Material	27.660 ton
	Single Size Material	26.040 ton
March 10, 2015	Concrete (Concrete Barriers)	1.6 m3
March 11, 2015	Concrete (Concrete Barriers)	1.6 m3
	Concrete (500mm Check Valve Chamber)	3.0 m3
March 12, 2015		
March 13, 2015		
March 14, 2015	Concrete (Concrete Barriers)	1.6 m3
	Somsom Material	29.200 ton



	Single Size Material	27.850 ton
	Conbextra HF (25kg)	2 set
March 15, 2015	Concrete (Concrete Barriers)	1.6 m3
	Concrete (Yatta Junction)	6.0 m3
	Somsom Material	28.490 ton
March 16, 2015	Concrete (Concrete Barriers)	1.6 m3
	Concrete (Yatta Junction)	2.0 m3
	Somsom Material	51.920 ton
March 17, 2015	Concrete (Concrete Barriers)	1.6 m3
	Single size material	53.450 ton
	Base Course Material	57.810 ton
March 18, 2015	Concrete (Concrete Barriers)	1.6 m3
March 19, 2015	Concrete (Concrete Barriers)	1.6 m3
March 20, 2015		
March 21, 2015	Concrete (Concrete Barriers)	1.6 m3
	Somsom Material	20.930 ton
March 22, 2015	Concrete (Concrete Barriers)	1.6 m3
	Welding Machine	2 Machine
	Nitoproof 30 (18 liter)	10 Barrel
	Somsom Material	47.260 ton
March 23, 2015	Concrete (Concrete Barriers)	1.6 m3
March 24, 2015	Concrete (Concrete Barriers)	1.6 m3
	Somsom Material	74.350 ton
	Concrete (Yatta Junction)	4 m3
March 25, 2015	Concrete (Concrete Barriers)	1.6 m3
	Somsom Material	48.220 ton
March 26, 2015	Concrete (Concrete Barriers)	1.6 m3
	Concrete (Yatta Junction)	7.0 m3
	Concrete (Safety Signs)	1 m3
	Somsom Material	46.410 ton
March 27, 2015		
March 28, 2015	Concrete (Concrete Barriers)	1.6 m3
	Concrete (Yatta Junction)	1.5 m3
	Concrete (Safety Signs)	1.5 m3
	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



The following table consists of all equipment used on site during March 2015:

		Equipment Log																															
Date		1-Mar-15	2-Mar-15	3-Mar-15	4-Mar-15	5-Mar-15	6-Mar-15	7-Mar-15	8-Mar-15	9-Mar-15	10-Mar-15	11-Mar-15	12-Mar-15	13-Mar-15	14-Mar-15	15-Mar-15	16-Mar-15	17-Mar-15	18-Mar-15	19-Mar-15	20-Mar-15	21-Mar-15	22-Mar-15	23-Mar-15	24-Mar-15	25-Mar-15	26-Mar-15	27-Mar-15	28-Mar-15	29-Mar-15	30-Mar-15	31-Mar-15	
Equipment	Quantity in use																																
	Idle																																
Cars	Quantity in use	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	
	Idle																																
Grader	Quantity in use																																
	Idle																																
Water Tank	Quantity in use																																
	Idle																																
Loader cat 950H	Quantity in use																1																
	Idle																																
Compactor	Quantity in use					1																											
	Idle							1	1																								
JCB	Quantity in use			1			1	1	1	1								1		1			1	1						1	1	1	
	Idle																																
Wheel Excavator /DX210W DOSAN 2009	Quantity in use									1																						1	
	Idle																																
Concrete Mixer	Quantity in use	1				1		1	1			1				1	1									1		1		2			
	Idle																																
Concrete Pump	Quantity in use															1	1																
	Idle																																
Double Cabinet Car	Quantity in use	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	
	Idle																																
Welding Machine /JACKLE G400S	Quantity in use	2	2	2		2		2	2	2	1	2			2	2	1	1	1	1	1		1	2	2	1	1	1		1	2	2	2
	Idle			2								2																					
Survey Station	Quantity in use					1		1															1	1									
	Idle																																
Truck /IVECO DAILY	Quantity in use							1																									
	Idle																																
Generator VANTAGE 400	Quantity in use	1	1	1		1		1	1	1	1	1			1	1	1	1	1	1			1	1	1	1	2	2		2	1	1	1
	Idle				1								1																				
Electrical Vibrator	Quantity in use	1										1				1	1									1		1					
	Idle																																
Crane	Quantity in use								1			1				1																2	
	Idle																																
Water Pump	Quantity in use																																
	Idle																																
Asphalt Cut Mashine	Quantity in use										1																						
	Idle																																
Dump Truck	Quantity in use								1		1	1												1	1	1	1				1	1	
	Idle																																
Helicopter for concrete	Quantity in use							1																									
	Idle																																



13. Progress and Scheduling

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

13.1. Activities During the Current Reporting Period

13.1.1 400mm Check Valve Chamber / Yatta Junction:

- Complete of civil works for 400mm Check Valve Chamber.
- Excavation works for the chamber.
- Casting concrete for the chamber.
- Backfilling material (single size and base course) around and above the 400mm Check Valve Chamber.

13.1.2 500mm Check Valve Chamber / Yatta Junction:

- Complete of civil works for 500mm Check Valve Chamber.
- Excavation works for the chamber.
- Casting concrete for the chamber.
- Backfilling material (single size and base course) around and above the 400mm Check Valve Chamber.

13.1.3 500mm Butterfly Valve Chamber / Yatta Junction:

- Complete of civil works for 500mm Butterfly Valve Chamber.
- Excavation works for the chamber.
- Casting concrete for the chamber.
- Backfilling material (single size and base course) around and above the 400mm Check Valve Chamber.

13.1.4 Ras At Tawil Emergency Service Connection Chamber:

- Complete excavation for Ras Al Tawil Emergency Service Connection Chamber/DN100mm.

13.1.5 Al Safi Booster Station:

- Complete installation works for the 400mm steel pipes.
- Complete backfilling works (bedding material and backfilling/ (Somsom, Single size and base course).

13.1.6 Storage Yard/Workshop:

- Continue importing Somsom material and backfilling single size materials inside storage yard.
- Continue casting of concrete for concrete barriers.
- Continue fabrication of steel barriers.

13.1.7 General:

- Start delivered of steel pipes.



- Prepared and inspected all Pre-casted Chambers at AL-Amir Factory. All pre-casted manholes will be delivered to the site.
- Prepared and inspected all 750mm manholes covers at AL Haddad Factory. All manhole covers will be delivered to the site.
- Traffic Control Plan was submitted and approved for area C from STA: 3+880 to STA: 5+597.
- A full set of Traffic Control Plan was submitted to the CMC.

13.2. Planned Activities for Next Month

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

13.2.1 Ras Al Tawil Pipelines:

- Start of trench excavation and backfilling works from STA. 1+000 to STA2+500 for proposed pipelines.
- Start installation works for 500 mm Steel Pipes from STA. 1+000 to STA2+500.
- Start installation works of 150 mm Steel Pipes from STA. 1+000 to STA2+500.
- Start installing the chambers along proposed pipelines.

13.2.2 Ras Al Tawil Emergency Service Connection Chamber:

- Casting concrete for the chamber.
- Backfilling material (single size and base course) around and above the chamber.
- Excavation for Al 'Uddiesa Emergency Service Connection Chamber/DN150mm.
- Cast of concrete for the chamber.
- Backfilling material (single size and base course) around and above the chamber.



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	2263.38
Person Days of Employment Generated During the Current Reporting Period	786.25
Accumulative Persons Days of Employment Generated	3050
Male Person Days of Employment	
Person Days of Employment Generated Previously	2135
Person Days of Employment Generated during the current reporting period	732
Accumulative Persons Days of Employment Generated	2867
Female Person Days of Employment	
Person Days of Employment Generated Previously	129
Person Days of Employment Generated during the current reporting period	54
Accumulative Persons Days of Employment Generated	183
Total Number of Full Time Equivalent Jobs (FTE)	
Number of Full Time Equivalent Jobs Generated Previously	95
Number of Full Time Equivalent Jobs Generated During Current Period	33
Total Number of Full Time Equivalent Jobs Generated	128

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



15. Working / Non – Working Days

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

Description	Days
Contractual Period of Performance (Original)	360 Calendar Days
Total Excusable Delays/Approved Time Extensions	---
Modified Period of Performance	---
Modified Completion Date	---
Number of Working Days during this month	26 Calendar Days
Accumulated Working Days	119 Calendar Days
Number of non-working days (holidays and weekends) during this reporting period	4 Calendar Days
Accumulated non-working days (holidays and weekends)	21 Calendar Days
Number of other non-working days due to bad weather (Rain)	1 Calendar Days
Accumulated other non-working days	7 Calendar Days

16. Site Memorandum

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

Site Memorandum log					
From C-E					
SM No.	From	To	Description	Submitted Date	Type
-	-	-	-	-	-
From E-C					
SM No.	From	To	Description	Received Date	Type
SM-14-00002-UDSI-E-C-005	CMC	Contractor	Revised Site Memo# SM-14-00002-UDSI-E-C-003 - Chambers' Changes Proposal	March 09, 2015	



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.

No issues were reported during the current reporting period with regard to the implementation of quality Control plan.



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-022-A	Welders Qualification Tests (refer to the attached ID and certificates).	March 2, 2015	March 3, 2015	March 5, 2015	2	A	
IR-14-00002-UDSI-028-A	Formwork and Steel reinforcement for DN300 butterfly valve chamber walls prior to cast of concrete.	March 1, 2015	March 1, 2015	March 2, 2015	1	A	
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	
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	
IR-14-00002-UDSI-030-A	Formwork and Steel reinforcement for DN400 mm butterfly valve chamber walls prior to cast of concrete.	March 3, 2015	March 3, 2015	March 4, 2015	1	A	
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	
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	
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	
IR-14-00002-UDSI-033-A	Reconstruction of the concrete wall and fence section that demolished during pipeline trench excavation and	March 4, 2015	March 3, 2015	March 5, 2015	1	C	



	Tee installation.						
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	
IR-14-00002-UDSI-034-A	Formwork and Steel reinforcement for DN300mm Butterfly Valve Chamber Top Slab prior to cast of concrete.	March 5, 2015	March 5, 2015	March 5, 2015	0	A	
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	
IR-14-00002-UDSI-036-A	16" Exposed Steel Pipes (2 pipe X 12.2 m).	March 7, 2015	March 7, 2015	March 8, 2015	1	A	
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	
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	
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	
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
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	
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	



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	
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	
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	
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	
IR-14-00002-UDSI-046-A	Offsite Inspection for bare steel pipes DN500 prior to apply Coating and Lining. Refer to attached certificates.	March 17, 2015	March 19, 2015			P	
IR-14-00002-UDSI-047-A	Marking the location of chambers - 500mm Butterfly Valve Yatta Junction	March 19, 2015	March 19, 2015	March 19, 2015	0	A	
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	
IR-14-00002-UDSI-049-A	Inspect of casted precast chamber (Quantity: 6 chambers) at Al-Amir Factory.	March 22, 2015	March 22, 2015	March 22, 2015	0	A	
IR-14-00002-UDSI-050-A	Inspect of casted Manhole	March 23, 2015	March 24, 2015	March 24, 2015	0	Retracted	-
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	
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	
IR-14-00002-UDSI-052-A	Inspection of Manhole Cover Al-Haddad Workshop	March 26, 2015	March 26, 2015	March 29, 2015	3	C	
IR-14-00002-UDSI-053-A	Formwork & steel reinforcement of top slab for 500mm Butterfly Valve chamber at Yatta Junction	March 26, 2015	March 28, 2015	March 28, 2015	0	A	



	prior to cast of concrete.						
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	
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
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	
IR-14-00002-UDSI-057-A	Complete excavation for Ras At Tawil Emergency Service Connection Chamber/DN100mm prior to start formwork and steel reinforcement for foundation.	March 30, 2015	March 30, 2015	March 31, 2015	1	D	A
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	
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			P	
*Note: A:No Exceptions Noted, B:Make Corrections Noted, C:Amend-Resubmit , D:Rejected-Resubmit, E:Review Not Required, P:Pending							



17.2. Testing Reports:

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

Test Reports Log					
Submittal No.	Description	Submitted Date	Response Date	Review Days	Status
TEST-14-00002-UDSI-005-A	Test Report - Reinforcement Deformed Steel Bars #BM/STL/15007 - Two (3 Bars specimens for each sample)	March 3, 2015	-		Retracted
TEST-14-00002-UDSI-005-A	Test Report # BM-CT-15343- Concrete Compressive Strength - Walls of Bani Nairn Reservoir Service Connection Chamber - 7 Days	March 3, 2015	March 3, 2015	0	A
TEST-14-00002-UDSI-006-A	Test Report # BM/CT/15351- Concrete Compressive Strength - Top Slab of Bani Nairn Reservoir Service Connection Chamber - 7 Days	March 3, 2015	March 3, 2015	0	A
TEST-14-00002-UDSI-007-A	Test Report # BM/CT/15359- Concrete Compressive Strength - Foundations of Butterfly Valve Chambers (DN300) and (DN400)/ Al Safi Booster Station- 7 Days	March 3, 2015	March 3, 2015	0	A
TEST-14-00002-UDSI-008-A	Test Report #BM/STL/15007- Reinforcement Deformed Steel Bars Two (3 Bars specimens for each sample)-Al safi Booster Station	March 4, 2015	March 4, 2015	0	A
TEST-14-00002-UDSI-009-A	Test Report - Concrete Compressive Strength(Base of the Check Valve I Diameter 400mm Yatta Junction) - Report # BM/CT/15376 - 7 Days	March 9, 2015	March 9, 2015	0	A
TEST-14-00002-UDSI-010-A	Test Report - Concrete Compressive Strength(Walls of the Check Valve I Diameter 400mm I Yatta Junction) - Report # BM/CT/15385 - 7 Days	March 9, 2015	March 9, 2015	0	A
TEST-14-00002-UDSI-011-A	Test Report - Concrete Compressive Strength(Top Slab of the Check Valve I Diameter 400mm Yatta Junction) - Report # BM/CT/15393 - 7 Days	March 9, 2015	March 9, 2015	0	A
TEST-14-00002-UDSI-012-A	Test Report - Interpretive Ground Investigation Report- Soil Corrosively Test Report ST/15024	March 12, 2015			P
TEST-14-00002-UDSI-013-A	Test Report - Concrete Compressive Strength(BFV / DN 300mm) - Report # BM/CT/15403 - 7 Days	March 15, 2015	March 15, 2015	0	A
TEST-14-00002-UDSI-014-A	Concrete Compressive Strength Test -Report # BM/CT/15412 (wall of DN400mm /Butterfly Valve Chamber/Al-Safi Booster Station)-7 Days	March 15, 2015	March 15, 2015	0	A

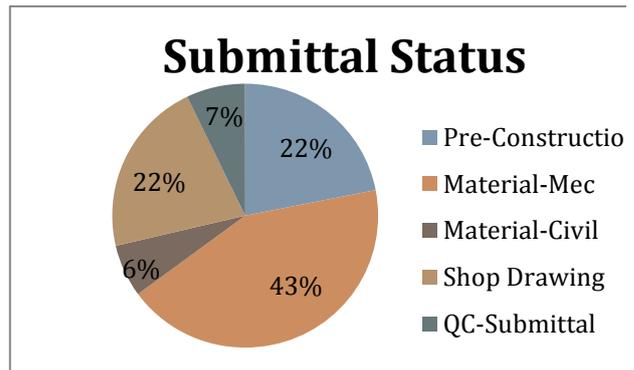


TEST-14-00002-UDSI-015-A	Test Report - Concrete Compressive Strength(Manhole Slab BFV / DN300mm + DN400mm) - Report # BM/CT/15430 - 7 Days	March 15, 2015	March 15, 2015	0	A
TEST-14-00002-UDSI-016-A	Test Report - Concrete Compressive Strength(Bani Na'em Reservoir Service Connection Concrete Footing) - Report # BM/CT/15307 - 28 Days	March 17, 2015	March 17, 2015	0	A
TEST-14-00002-UDSI-017-A	Test Report # BM/CT/15351- Concrete Compressive Strength - Top Slab of Bani Nairn Reservoir Service Connection Chamber - 28 Days	March 17, 2015	March 17, 2015	0	A
TEST-14-00002-UDSI-018-A	Test Report Concrete Compressive Strength - Walls of Bani Nairn Reservoir Service Connection Chamber # BM-CT-15343-- 28 Days	March 17, 2015	March 17, 2015	0	A
*Note: A:No Exceptions Noted, B:Make Corrections Noted, C:Amend-Resubmit, D:Rejected-Resubmit, E:Review Not Required, P:Pending					

18. Submittals Status

During the current reporting period pre-construction submittals, Material submittals, shop drawing and testing reports submittals were prepared and submitted to the CMC for review and approval. The following chart summarizes the status of submittals till the end of March.

Submittal Classification	
Pre-Construction Submittals	58
Material - Mechanical Submittals	114
Material - Civil Submittals	17
Shop drawing submittals	57
QC Submittals	19
Grand Total	265





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-005-C	Environmental Mitigation & Monitoring Plan	March 26, 2015	March 26, 2015	0	A
SUB-14-00002-UDSI-013-C	Strainer - CMC Reply Comments	March 26, 2015	March 26, 2015	0	A
SUB-14-00002-UDSI-015-B	Engineer's Field Offices Layout	March 26, 2015	March 26, 2015	0	A
SUB-14-00002-UDSI-017-D	PN16 & PN25 Dismantling Joint	March 29, 2015	March 30, 2015	1	A
SUB-14-00002-UDSI-029-C	Fabrication Alsafi Of Steel Tee 36" X 16"	March 29, 2015	March 30, 2015	1	A
SUB-14-00002-UDSI-049-C	Welding Procedure Specification	March 2, 2015	March 4, 2015	2	A
SUB-14-00002-UDSI-052-C	Test Procedure - 501mm Existing DIP Pipeline	March 29, 2015	March 30, 2015	1	A
SUB-14-00002-UDSI-069-B	PrC-East Concrete Chamber - Alternative	March 29, 2015	March 30, 2015	1	A
SUB-14-00002-UDSI-072-D	Shop Drawings for Flow Monitoring Chamber & yatta junction	March 15, 2015	March 15, 2015	0	A
SUB-14-00002-UDSI-099-C	Shop Drawings for Flow Monitoring Chamber 500mm (sta: 2+510 & sta: 5+580)	March 5, 2015	March 10, 2015	5	A
SUB-14-00002-UDSI-100-C	Shop Drawings for Transmission Pipe line from Sta- 2+460 to Sta. 4+040	March 29, 2015			P
SUB-14-00002-UDSI-102-C	Shop Drawing for Transmission Pipe Line from STA. 4+040 to STA.5+596	March 30, 2015			P
SUB-14-00002-UDSI-108-C	Shop Drawings Al Safi BS Flow & PRV Equipment Pad	March 1, 2015	March 4, 2015	3	A
SUB-14-00002-UDSI-109-B	Traffic Control Plan-Bani Naim Reservoir Area	March 29, 2015	March 30, 2015	1	A
SUB-14-00002-UDSI-118-B	Pipe Heat Shrinkable Tapes	March 8, 2015	March 9, 2015	1	B
SUB-14-00002-UDSI-119-B	Additional Documents for Structural drawing for 500mm& 400mm check valve chamber / Yatta layout	March 8, 2015	March 9, 2015	1	A
SUB-14-00002-UDSI-127-B	Manhole Cover 750 mm "Haddad Steel Company"	March 5, 2015	March 9, 2015	4	B



SUB-14-00002-UDSI-134-A	(Base Course) - Al Jabari Crusher Plant I Bani Na'im - Soil and Soil Aggregate Materials Testing Report # ST/15065	March 3, 2015	March 3, 2015	0	A
SUB-14-00002-UDSI-135-A	Updated Safety Plan (Safety Tool Box & Risk Assessment & Workshop Updated Workshop Safety Inspection Checklists)	March 5, 2015	March 5, 2015	0	A
SUB-14-00002-UDSI-136-A	Shop Drawings for Yaqeen / Bani Naim Reservoir	5-Mar-2015	9-Mar-2015	4	Retracted
SUB-14-00002-UDSI-136-A	Shop Drawings for flow monitoring and Valve Assembly for Yaqeen / Bani Naim Reservoir	March 12, 2015	March 18, 2015	6	B
SUB-14-00002-UDSI-137-A	Traffic Control Plan from Sta. 2+100 to sta.3+880	March 5, 2015	March 12, 2015	7	A
SUB-14-00002-UDSI-138-A	Contractor's Employee Commitment Letter	March 5, 2015	March 8, 2015	3	A
SUB-14-00002-UDSI-139-A	Epoxy Paint Nitocote EP405	March 5, 2015	March 12, 2015	7	B
SUB-14-00002-UDSI-140-A	Concrete Repair Method of Statement	March 12, 2015	March 15, 2015	3	A
SUB-14-00002-UDSI-141-A	Method of Statement for Closing the Opening in the Water Tank Slab	March 12, 2015	March 15, 2015	3	A
SUB-14-00002-UDSI-142-A	Welder's Qualification Testing Report	March 15, 2015	March 18, 2015	3	B
SUB-14-00002-UDSI-142-B	Welder's Qualification Testing Report	March 29, 2015			P
SUB-14-00002-UDSI-143-A	Flanged Flexible Expansion Joint for Al-Safi Tank connection	March 15, 2015	March 16, 2015	1	D
SUB-14-00002-UDSI-143-B	Flanged Flexible Expansion Joint for Al-Safi Booster station Tank Connection	March 22, 2015	March 24, 2015	2	B
SUB-14-00002-UDSI-144-A	Shop Drawings for 500mm Butterfly Valve Chamber for Yata Junction	March 15, 2015	March 16, 2015	1	B
SUB-14-00002-UDSI-145-A	Updated Schedule - Feb 2015	March 16, 2015	March 19, 2015	3	B
SUB-14-00002-UDSI-146-A	Protective Coating for Steel Pipes	March 18, 2015	March 25, 2015	7	B
SUB-14-00002-UDSI-147-A	As Built Frame & Cover Template	March 22, 2015	March 24, 2015	2	B
SUB-14-00002-UDSI-148-A	Traffic plan - area C	March 24, 2015	March 26, 2015	2	A
SUB-14-00002-UDSI-149-A	Filter Fabric (Geotextile) Material	March 26, 2015	March 26, 2015	0	A
SUB-14-00002-UDSI-150-A	Pre-Cast Chamber Certificates & Test Reports	March 26, 2015	March 26, 2015	0	A



SUB-14-00002-UDSI-151-A	Prime Coat Material MC (Bitumol M-10) , Tack Coat - Bitumol M-10 for Asphalt	March 26, 2015	March 26, 2015	0	A
SUB-14-00002-UDSI-152-A	(Traffic Control Plan-Full Set)	March 29, 2015			P
SUB-14-00002-UDSI-153-A	Al-Safi Booster Station Mechanical Coupling	March 30, 2015			P
SUB-14-00002-UDSI-154-A	Radiographic Third Party Testing Lab-Gabi Shoef	March 31, 2015			P
<p>*Note: A: No Exceptions Noted, B: Make Corrections Noted, C: Amend-Resubmit, D: Rejected-Resubmit, E: Review Not Required, P: Pending.</p>					

19. Transmittals:

The following Transmittals were sent during the current reporting periods:

Outgoing Emails Log				
DCN No.	Subject	From:	To :	Sent Date
Email-14-02-SAK-OUT-0084	Manhole Cover Logo	SAK	USAID	March 2, 2015
Email-14-02-SAK-OUT-0085	SCADA meeting	SAK	BV	March 4, 2015
Email-14-02-SAK-OUT-0086	UDSI - December Monthly Report - COR -Final	SAK	BV	March 4, 2015
Email-14-02-SAK-OUT-0087	SCADA meeting	SAK	BV	March 5, 2015
Email-14-02-SAK-OUT-0088	Saturday Schedule 22 KB Outgoing	SAK	BV	March 5, 2015
Email-14-02-SAK-OUT-0089	February Monthly Progress Report	SAK	USAID	March 5, 2015
Email-14-02-SAK-OUT-0090	February 2015 Geo-MIS Data	SAK	BV	March 8, 2015
Email-14-02-SAK-OUT-0091	Retract submittal no. 136-A	SAK	BV	March 9, 2015
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
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
Email-14-02-SAK-OUT-0094	Off-site inspection request	SAK	BV	March 12, 2015
Email-14-02-SAK-OUT-0095	Saturday Schedule	SAK	BV	March 12, 2015
Email-14-02-SAK-OUT-0096	Al Safi Booster Station	SAK	Amin Alamarin' <amin.alamari@ahlia.ps>; ashraf.krjeh@ahlia.ps	March 17, 2015
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



Email-14-02-SAK-OUT-0098	Accruals	SAK	USAID	March 23, 2015
Email-14-02-SAK-OUT-0099	SCADA Works	SAK	BV	March 24, 2015
Email-14-02-SAK-OUT-0100	Works in Area C	SAK	DCL/Mgassan@zahav.net.il	March 24, 2015
Email-14-02-SAK-OUT-0101	Works in Area C	SAK	DCL/Mgassan@zahav.net.il	March 24, 2015
Email-14-02-SAK-OUT-0102	SCADA Works	SAK	BV	March 24, 2015
Email-14-02-SAK-OUT-0103	Saturday Schedule	SAK	BV	March 26, 2015
Email-14-02-SAK-OUT-0104	RFI-14-00002-UDSI-C-E-008 (Cathodic protection system)	SAK	BV	March 30, 2015
Email-14-02-SAK-OUT-0105	Start Excavation	SAK	mohd.amro@paltel.net	March 30, 2015

INCOMING EMAILS LOG				
DCN No.	Subject	From	To	Received Date
Email-14-02-SAK-IN-0043	Draft MOM No. 006	BV	SAK	March 1, 2015
Email-14-02-SAK-IN-0044	Retract Site Memo No. 005	BV	SAK	March 3, 2015
Email-14-02-SAK-IN-0045	SCADA Meeting	BV	SAK	March 4, 2015
Email-14-02-SAK-IN-0046	Final MOM No. 006	BV	SAK	March 5, 2015
Email-14-02-SAK-IN-0047	Progress Meeting No. 007_Agenda	BV	SAK	March 8, 2015
Email-14-02-SAK-IN-0048	Draft MOM No. 007	BV	SAK	March 12, 2015
Email-14-02-SAK-IN-0049	Final MOM No. 007	BV	SAK	March 18, 2015
Email-14-02-SAK-IN-0050	Progress Meeting No. 008_Agenda	BV	SAK	March 22, 2015
Email-14-02-SAK-IN-0051	Re: TO 14-02 Accruals	USAID	SAK	March 23, 2015
Email-14-02-SAK-IN-0052	Draft MOM No. 008	BV	SAK	March 26, 2015
Email-14-02-SAK-IN-0053	SCADA Meeting	BV	SAK	March 31, 2015
Email-14-02-SAK-IN-0043	Draft MOM No. 006	BV	SAK	March 1, 2015



CONTRACTOR LETTERS LOG				
Letter No.	Description	Submitted Date	From	To
LETTERS FROM CONTRACTOR TO LOCAL AUTHORITY				
LTR.02.SAK-LOCAL.018-A	Start Excavation in Bani Naim Pipeline	March 31, 2015	SAK	Hebron Police
LTR.02.SAK-LOCAL.019-A	Start Excavation in Bani Naim Pipeline	March 31, 2015	SAK	Paltel
LTR.02.SAK-LOCAL.020-A	Start Excavation in Bani Naim Pipeline	March 31, 2015	SAK	Bani Naem Municipality
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 Requests for Information were issued during this reporting period:

Request for information log				
RFI No.	Description	Submitted Date	Response Date	Review Days
RFI-14-00002-UDSI-C-E-008	Cathodic protection system for the 6 ² pipeline	March 12, 2015	March 22, 2015	Retracted By Contractor
RFI-14-00002-UDSI-C-E-008	Cathodic protection system	March 22, 2015		P
RFI-14-00002-UDSI-C-E-009	Alternative to the modular link seals.	March 25, 2015		P
*Note: A: No Exceptions Noted, B: Make Corrections Noted, C: Amend-Resubmit, D: Rejected-Resubmit, E: Review Not Required.				

21. Payments

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

Progress Payment Log					
Invoice No.	Invoiced Amount	Cumulative Amount	Task Order Amount	Remaining Amount	Date Submitted to B&V
Pay-14-000002-UDSI-002	\$ 175,000	\$ 336,632	\$4,462,836	\$4,126,204	March 03, 2015



22. Variation Order Request

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	Status
VOR-14-00002-UDSI-002-A	New Item due to change in requirements SM-14-00002-UDSI-E-C-003 1. Check Valve chamber DN 400mm on the existing 400mm DIP pipe 2. Butterfly Valve Chamber DN 500mm on the existing 500mm DIP pipe	\$ 5979.00	0	February 25, 2015	March 09, 2015	
VOR-14-00002-UDSI-002-B	New Item due to change in requirements SM-14-00002-UDSI-E-C-003 Check Valve chamber DN 400mm on the existing 400mm DIP pipe	\$65745.00	0	March 26, 2015	P	
VOR-14-00002-UDSI-003-A	Supply and install Gear Assisted manual actuators for valves larger than 100mm.	\$63705.00	0	March 26, 2015	P	
VOR-14-00002-UDSI-004-A	Bani Naim Reservoir Service Connection Chamber	\$50106.00	0	March 26, 2015	P	

23. Variation Order

No Variation Orders were issued during this reporting period.

Variation Order Log					
Variation Order No.	Description	PVOs/VOs	PVOs/VOs (Calendar Days)	PVO/VO Status	Date Approved By USAID
No Variation Order was issued during the current reporting period					



24. Obstacles and Challenges

24.1. Challenges

During the preparation for commencement of construction activities the following challenge was noticed and the proper action was taken:

Challenges and Action Taken	
Challenges	Action Taken
Cathodic protection system	RFI was submitted to CMC on March 22, 2015 regarding this issue.

24.2. Obstacles

No obstacles

25. Progress Photos



Photo #1: Safety Arrangement for Yatta Junction



Photo #2: Installing of 16” Steel Pipes at Al Safi Booster Station



Photo #3: Public Relation Visit for Uddiesa School



Photo #4: Formwork and Steel Reinforcement for Walls of 500mm Check Valve Chamber at Yatta Junction



Photo#5: Cast of Concrete for Walls of 500mm Check Valve Chamber at Yatta Junction



Photo#6: Welder's Qualification Tests at Workshop



Photo#7: Offsite Inspection for DN150mm Steel Pipes at AVROT Factory



Photo#8: Excavation for DN500mm Butterfly Valve Chamber at Yatta Junction



Photo#9: Bi-Weekly Meeting #8 at B&V Saer Main Office



Photo#10: Formwork & Steel Reinforcement for Foundation of DN500mm BFV at Yatta Junction



Photo#11: USAID Visits/Workshop



Photo#12: Offsite Inspection for Manhole Cover at Haddad Steel Company



Photo#13: Cast of Concrete for Walls of 500mm BFV at Yatta Junction



Annexes

- A. Materials- Equipment Received Log
- B. Site Memorandum Log
- C. Inspection Request Log
- D. Submittals Log.
- E. RFI's Log for the Reporting Period
- F. Payment Log
- G. Transmittal Log
- H. Geo-MIS Data
- I. Risk Register
- J. Project Updated Schedule
- K. One Month Look ahead Schedule (Not used for the current reporting period)
- L. Completed and in progress activities (Not used for the current reporting period)
- M. Progress S-Curve versus Actual (Not used for the current reporting period)



Annex A:

Materials- Equipment Received Log



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



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

Material Log

Date	Material Delivered to Site	Quantity
Month : November 2014		
November 1, 2014	None	None
November 2, 2014	None	None
November 3, 2014	None	None
November 4, 2014	None	None
November 5, 2014	None	None
November 6, 2014	None	None
November 7, 2014	None	None
November 8, 2014	None	None
November 9, 2014	None	None
November 10, 2014	None	None
November 11, 2014	None	None
November 12, 2014	None	None
November 13, 2014	None	None
November 14, 2014	None	None
November 15, 2014	None	None
November 16, 2014	None	None
November 17, 2014	None	None
November 18, 2014	None	None
November 19, 2014	None	None
November 20, 2014	None	None
November 21, 2014	None	None
November 22, 2014	None	None
November 23, 2014	None	None
November 24, 2014	None	None
November 25, 2014	None	None
November 26, 2014	None	None
November 27, 2014	None	None
November 28, 2014	None	None
November 29, 2014	None	None
November 30, 2014	None	None
Month : December 2014		
December 1, 2014		
December 2, 2014		
December 3, 2014		
December 4, 2014	Bedding Material (Somsom)	90-ton
December 5, 2014		
December 6, 2014	Bedding Material (Somsom)	60-ton
December 7, 2014		
	Bedding Material (Somsom)	60-ton
December 8, 2014	Single Size Material	30-ton
	Base Course Material	60-ton
December 9, 2014	Single Size Material	40-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

Material Log

Date	Material Delivered to Site	Quantity
December 10, 2014	Single Size Material	57-ton
	Concrete B-250	20.5m ³
December 11, 2014		
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
	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



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



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

Material Log

Date	Material Delivered to Site	Quantity
Month : 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
	Concrete	1.6 m ³
January 13, 2015	Single Size Material	54.113 ton
	Holiday Test Machine (elcometer 280)	1 set
	Concrete	1.6 m ³
January 14, 2015	Single Size Material	57.030 ton
	Holiday Test Machine (elcometer 280)	1 set
	Concrete	1.6 m ³
January 15, 2015	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
	Concrete	1.6 m ³
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
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



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



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

Material Log

Date	Material Delivered to Site	Quantity
January 22, 2015	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
	Concrete Barriers	1.6 m ³
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
February 4, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	27.630 ton
	Concrete (Foundation)	10.5 m ³
	36.0" Flange Gasket	3 PCS
	38.3" Flange Gasket	3 PCs
	16" Steel Pipes	78 m long
	8" Steel Pipes	30 m long
16" Elbows 90 ^o	8 PCs	
16" Elbows 45 ^o	12 PCs	



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



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

Material Log

Date	Material Delivered to Site	Quantity
February 5, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	111,140 ton
	Somsom Material	86,570 ton
February 6, 2015		
February 7, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (B300/Mofalfal)	8.0 m ³
	Single Size Material	30.460 ton
February 8, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	25.990 ton
	90° Steel Elbow (8") with cement lining and FBE coating.	3 PCs
	90° Steel Elbow (6") with cement lining and FBE coating.	6 PCs
	8"X6" Steel reducer with cement lining and FBE coating.	1 PCs
February 9, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	49.540 ton
	Somsom Material	56.490 ton
	90° Steel Elbow (6") with cement lining and FBE coating.	6 PCs
	6" Steel Pipes	10 m long
February 10, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	82.100 ton
	Somsom Material	29.030 ton
February 11, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	53.910 ton
	Somsom Material	55.600 ton
	Concrete	15 m ³
February 12, 2015	HDPE 6" Pipe PN16/DN150 with cover for antennas	5 PCs
	Single Size Material	26.220 ton
February 13, 2015		
February 14, 2015	16"x16" Insulated Tee with cement lining	3 PCs
	Canusa Wrap with closure (WLO-B450-30-BK)	30m long
	Canusa Wrap/closure (CIW-B100-15-BK) thick 10 cm	15m long
	Canusa Wrap Tape 2" HCO (thick 10 cm/10 m long)	3 PCs
February 15, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Top Slab)	8.5 m ³
	Single Size Material	54.080 ton
	Somsom Material	83.820 ton
February 16, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Single Size Material	24.820 ton



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**

Material Log

Date	Material Delivered to Site	Quantity
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		
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
	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Al Safi Booster Station)	9.5 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 Al Safi
 Booster Station - Phase I Pipeline Connection**

Material Log

Date	Material Delivered to Site	Quantity
March 3, 2015	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
March 5, 2015	Electrical Conduits	50 L.m
	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
March 6, 2015	16" Exposed steel pipes	12.2 L.m
	Blind Flanges	4 PCs
	Concrete (Concrete Barriers)	1.6 m ³
March 7, 2015	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
March 9, 2015	Single Size Material	28.540 ton
	Concrete (Concrete Barriers)	1.6 m ³
	Somsom Material	27.660 ton
March 10, 2015	Single Size Material	26.040 ton
	Concrete (Concrete Barriers)	1.6 m ³
March 11, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (500mm Check Valve Chamber)	3.0 m ³
March 12, 2015		
March 13, 2015		
March 14, 2015	Concrete (Concrete Barriers)	1.6 m ³
	Somsom Material	29.200 ton
	Single Size Material	27.850 ton
March 15, 2015	Conbextra HF (25kg)	2 set
	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Yatta Junction)	6.0 m ³
March 16, 2015	Somsom Material	28.490 ton
	Concrete (Concrete Barriers)	1.6 m ³
	Concrete (Yatta Junction)	2.0 m ³
March 17, 2015	Somsom Material	51.920 ton
	Concrete (Concrete Barriers)	1.6 m ³
	Single size material	53.450 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 'Udeisa Water Infrastructure Phase 1A and AI Safi
Booster Station - Phase I Pipeline Connection

Material Log

Date	Material Delivered to Site	Quantity
	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
	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
	Single Size Material	22.710 ton
	Base Course Material	22.130 ton
March 31, 2015	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



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

SITE MEMOS LOG_TO ENGINEER						
No.	SM No.	Project	Description	Submitted Date	Type	Remarks
1	SM-14-00002-UDSI-E-C-001	UDSI	Installation of 3" Future Connections on the 6" Main Pipeline	January 11, 2015	Site Instruction	
2	SM-14-00002-UDSI-E-C-002	UDSI	Response to SM-14-00002-UDSI-C-E-001(Network Branches with Gate Valve Chamber)	January 18, 2015	Other	
3	SM-14-00002-UDSI-E-C-003	UDSI	Changes Proposal - Request to Submit VOR to Capture Changes in Location and Quantities of Chambers	January 29, 2015	Site Instruction	
4	SM-14-00002-UDSI-E-C-004	UDSI	Relocation of flow monitoring chamber (Relocation of Flow Monitoring Chamber from Yatta-Junction to Yaqeen (Bani Naim) Reservoir")	February 24, 2015	Site Instruction	
5	SM-14-00002-UDSI-E-C-005	UDSI	SM-14-00002-UDSI-E-C-005- Revised Site memo No.3	March 2, 2015	Retracted by CMC	
6	SM-14-00002-UDSI-E-C-005	UDSI	Revised Site Memo# SM-14-00002-UDSI-E-C-003 - Chambers' Changes Proposal	March 9, 2015	Site Instruction	



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 Al Safi
 Booster Station - Phase I Pipeline Connection**

INSPECTION REQUEST LOG									
No.	IR No.	Description	Submitted Date	Inspection Date	Contract Due Date	Response Date	Review Days	1st Inspection	2nd Inspection
1	IR-14-00002-UDSI-001-A	Temporary Sign Installation (2 Signs) - Saer Temporary Sign & Bein Nacim Temporary Sign	December 14, 2014	December 15, 2014	December 16, 2014	December 15, 2014	0	A	
2	IR-14-00002-UDSI-002-A	Hand Over of CMC Primary Field Office - Saer (Ras AL-Taweel Project)	December 15, 2014	December 15, 2014	December 16, 2014	December 16, 2014	1	C	
3	IR-14-00002-UDSI-002-B	Hand Over of CMC Primary Field Office - Saer (Ras AL-Taweel Project)	December 17, 2014	December 17, 2014	December 18, 2014	December 17, 2014	0	A	
4	IR-14-00002-UDSI-003-A	Al-safi Temporary Sign Installation	December 22, 2014	December 23, 2014	December 24, 2014	December 24, 2014	1	A	
5	IR-14-00002-UDSI-004-A	Inspection for Steel Barrier Sample in reference to RFI # 1	December 27, 2014	December 28, 2014	December 29, 2014	December 29, 2014	1	A	
6	IR-14-00002-UDSI-005-A	Delivered Material (16" Butterfly valve -HAKOHAV / DN400PN40)	January 5, 2015	January 5, 2015	January 6, 2015	January 6, 2015	4	Retracted	
7	IR-14-00002-UDSI-005-A	Delivered Material (16" Butterfly valve -HAKOHAV / DN400PN40)	January 12, 2015	January 13, 2015	January 14, 2015	January 13, 2015	0	A	
8	IR-14-00002-UDSI-006-A	Pressure Leakage Test for existing 500m DIP pipeline from Halbul reservoir to route connection at sta.5+597	January 20, 2015	January 20, 2015	January 21, 2015	January 22, 2015	2	Retracted	
9	IR-14-00002-UDSI-006-A	Pressure Leakage Test for existing 500m DIP pipeline from Halbul reservoir to route connection at sta.5+597	January 25, 2015	January 25, 2015	January 26, 2015	February 5, 2015	11	Retracted	
10	IR-14-00002-UDSI-007-A	Welding and fabrication of Tee Assembly for Al-Safi Booster Station Connection	January 20, 2015	January 20, 2015	January 21, 2015	January 21, 2015	1	A	
11	IR-14-00002-UDSI-008-A	Marking the location for Bani Naim Reservoir Services Connection Chamber	January 26, 2015	January 27, 2015	January 28, 2015	January 27, 2015	0	A	
12	IR-14-00002-UDSI-009-A	Coating and cement lining repair of Tee Assembly for Al-Safi Booster Station Connection	January 29, 2015	February 1, 2015	February 2, 2015	February 1, 2015	0	C	
13	IR-14-00002-UDSI-009-B	Coating and cement lining repair of Tee Assembly for Al-Safi Booster Station Connection	February 5, 2015	February 5, 2015	February 6, 2015	February 5, 2015	0	A	
14	IR-14-00002-UDSI-010-A	Delivered Material to the site / 3", 4", 6", 10" and 12" Steel Flanges PN16 (Hubbed Slip on-Type 12). Refer to attached MRR and material certificates.	January 31, 2015	February 1, 2015	February 2, 2015	February 1, 2015	0	A	
15	IR-14-00002-UDSI-011-A	Install of safety signs and preparation works prior to start excavation for the Bani Naim Reservoir Service Connection Chamber.	January 31, 2015	January 31, 2015	February 1, 2015	January 31, 2015	0	A	
16	IR-14-00002-UDSI-012-A	Complete of excavation and cast of blinding concrete for Bani Naim Reservoir Service Connection Chamber prior to start of formwork & steel reinforcement for foundation.	February 2, 2015	February 2, 2015	February 3, 2015	February 2, 2015	0	A	
17	IR-14-00002-UDSI-013-A	Formwork and steel reinforcement for foundation for Bani Naim Service Connection Chamber prior to cast of concrete. (Time of cast concrete: 3:30 PM)	February 4, 2015	February 4, 2015	February 5, 2015	February 4, 2015	0	A	
18	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" Elbows 45o (12 PCs).	February 5, 2015	February 5, 2015	February 6, 2015	February 5, 2015	0	A	



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**

INSPECTION REQUEST LOG									
No.	IR No.	Description	Submitted Date	Inspection Date	Contract Due Date	Response Date	Review Days	1st Inspection	2nd Inspection
19	IR-14-00002-UDSI-015-A	Install of Tee for Al Safi Booster Station Connection □	February 7, 2015	February 7, 2015	February 8, 2015	February 8, 2015	1	A	
20	IR-14-00002-UDSI-016-A	Formwork and steel reinforcement of wall for Bani Naim Service Connection Chamber prior to cast of concrete (Time of cast concrete: 3:30 PM)	February 11, 2015	February 11, 2015	February 12, 2015	February 11, 2015	0	A	
21	IR-14-00002-UDSI-017-A	Formwork and steel reinforcement of top slab for Bani Naim Service Connection Chamber prior to cast of concrete (Time of cast concrete: 3:30 PM)	February 12, 2015	February 14, 2015	February 15, 2015	February 15, 2015	1	D	A
22	IR-14-00002-UDSI-018-A	Inspect of casted precast chamber (Quantity: 23 chambers).	February 16, 2015	February 16, 2015	February 17, 2015	February 16, 2015	0	A	
23	IR-14-00002-UDSI-019-A	Apply of Bitumen for Bani Naim Reservoir Service Connection Chamber (1st coat & 2nd coat) prior to start backfill around the chamber	February 16, 2015	February 17, 2015	February 18, 2015	February 18, 2015	1	C	A
24	IR-14-00002-UDSI-020-A	Inspection of Foundations & Encasement-BFV Safi	February 17, 2015	February 17, 2015	February 18, 2015	February 18, 2015	1	A	
25	IR-14-00002-UDSI-021-A	Concrete Encasement for installed 16" pipes (between Equipment Pad and Inlet Butterfly Valve Chamber).	February 17, 2015	February 17, 2015	February 18, 2015	February 18, 2015	1	A	
26	IR-14-00002-UDSI-022-A	Welders Qualification Tests (refer to the attached ID and certificates).	February 22, 2015	February 24, 2015	February 25, 2015			Retracted	
27	IR-14-00002-UDSI-022-A	Welders Qualification Tests (refer to the attached ID and certificates).	March 2, 2015	March 3, 2015	March 4, 2015	March 5, 2015	2	A	
28	IR-14-00002-UDSI-023-A	Installing of safety signs in the Yatta Junction prior to start excavation for chambers.	February 22, 2015	February 23, 2015	February 24, 2015	February 24, 2015	1	A	
29	IR-14-00002-UDSI-024-A	Marking the location of check valve chambers in the Yatta Junction prior to start excavation.	February 22, 2015	February 23, 2015	February 24, 2015	February 24, 2015	1	A	
30	IR-14-00002-UDSI-025-A	Formwork and steel reinforcement of foundation for 400mm check valve chamber at Yatta Junction (Time of cast concrete: 4:00 PM)	February 24, 2015	February 24, 2015	February 25, 2015	February 24, 2015	0	A	
31	IR-14-00002-UDSI-026-A	Formwork and steel reinforcement of foundation for 400mm check valve chamber at Yatta Junction	February 25, 2015	February 25, 2015	February 26, 2015	February 26, 2015	1	A	
32	IR-14-00002-UDSI-027-A	Formwork and steel reinforcement of top slab for 400mm check valve chamber at Yatta Junction	February 26, 2015	February 28, 2015	March 1, 2015	March 1, 2015	1	A	
33	IR-14-00002-UDSI-028-A	Formwork and Steel reinforcement for DN300 butterfly valve chamber walls prior to cast of concrete.	March 1, 2015	March 1, 2015	March 2, 2015	March 2, 2015	1	A	
34	IR-14-00002-UDSI-029-A	Surface preparation for walls of 400 mm Check Valve Chamber at Yatta Junction prior to apply bitumen (1st Coat & 2nd Coat).	March 3, 2015	March 3, 2015	March 4, 2015	March 3, 2015	0	D	
35	IR-14-00002-UDSI-029-B	Surface preparation for walls of 400 mm Check Valve Chamber at Yatta Junction prior to apply bitumen (1st Coat & 2nd Coat).	March 8, 2015	March 8, 2015	March 9, 2015	March 8, 2015	0	A	
36	IR-14-00002-UDSI-030-A	Formwork and Steel reinforcement for DN400 mm butterfly valve chamber walls prior to cast of concrete.	March 3, 2015	March 3, 2015	March 4, 2015	March 4, 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

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

INSPECTION REQUEST LOG									
No.	IR No.	Description	Submitted Date	Inspection Date	Contract Due Date	Response Date	Review Days	1st Inspection	2nd Inspection
37	IR-14-00002-UDSI-031-A	Surface preparation for walls of DN300mm Butterfly Valve Chamber at Al Safi Booster Station prior to apply bitumen (1st Coat & 2nd Coat).	March 4, 2015	March 4, 2015	March 5, 2015	March 4, 2015	0	A	
38	IR-14-00002-UDSI-032-A	Surface preparation for walls of DN400mm Butterfly Valve Chamber at Al Safi Booster Station prior to apply bitumen (1st Coat & 2nd Coat)	March 4, 2015	March 4, 2015	March 5, 2015	March 5, 2015	1	C	
39	IR-14-00002-UDSI-032-B	Surface preparation for walls of DN400mm Butterfly Valve Chamber at Al Safi Booster Station prior to apply bitumen (1st Coat & 2nd Coat).	March 7, 2015	March 7, 2015	March 8, 2015	March 8, 2015	1	A	
40	IR-14-00002-UDSI-033-A	Reconstruction of the concrete wall and fence section that demolished during pipeline trench excavation and Tee installation.	March 4, 2015	March 3, 2015	March 4, 2015	March 5, 2015	1	C	
41	IR-14-00002-UDSI-033-B	Reconstruction of the concrete wall and fence section that demolished during pipeline trench excavation and Tee installation.	March 15, 2015	March 15, 2015	March 16, 2015	March 16, 2015	1	C	
42	IR-14-00002-UDSI-034-A	Formwork and Steel reinforcement for DN300mm Butterfly Valve Chamber Top Slab prior to cast of concrete.	March 5, 2015	March 5, 2015	March 6, 2015	March 5, 2015	0	A	
43	IR-14-00002-UDSI-035-A	Formwork and Steel reinforcement for DN400mm Butterfly Valve Chamber Top Slab prior to cast of concrete.	March 5, 2015	March 5, 2015	March 6, 2015	March 5, 2015	0	A	
44	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	March 8, 2015	1	A	
45	IR-14-00002-UDSI-037-A	Marking the location of 500mm check valve chamber in the Yatta Junction prior to start excavation.	March 8, 2015	March 8, 2015	March 9, 2015	March 8, 2015	0	A	
46	IR-14-00002-UDSI-038-A	Safety arrangement and excavation for 500mm Check Valve chamber at Yatta Junction prior to start of formwork & steel reinforcement for foundation.	March 10, 2015	March 10, 2015	March 11, 2015	March 10, 2015	0	A	
47	IR-14-00002-UDSI-039-A	Formwork & steel reinforcement of foundation for 500mm Check Valve chamber at Yatta Junction prior to cast of concrete.	March 11, 2015	March 11, 2015	March 12, 2015	March 11, 2015	0	A	
48	IR-14-00002-UDSI-040-A	Formwork & steel reinforcement of Walls for 500mm Check Valve chamber at Yatta Junction prior to cast of concrete	March 12, 2015	March 14, 2015	March 15, 2015	March 15, 2015	1	C	A
49	IR-14-00002-UDSI-041-A	Offsite Inspection for bare steel pipes DN150 prior to apply Coating and Lining. Refer to attached certificates.	March 16, 2015	March 16, 2015	March 17, 2015	March 17, 2015	1	C	
50	IR-14-00002-UDSI-041-B	Offsite Inspection for bare steel pipes DN150 prior to apply Coating and Lining. Refer to attached certificates.	March 18, 2015	March 19, 2015	March 20, 2015	March 22, 2015	3	A	
51	IR-14-00002-UDSI-042-A	Marking the location of Ras At Tawil Emergency Service Connection Chamber/DN100mm.	March 15, 2015	March 16, 2015	March 17, 2015	March 16, 2015	0	A	
52	IR-14-00002-UDSI-043-A	Formwork & steel reinforcement of Top Slab for 500mm Check Valve chamber at Yatta Junction prior to cast of concrete.	March 16, 2015	March 16, 2015	March 17, 2015	March 16, 2015	0	A	
53	IR-14-00002-UDSI-044-A	Welders Qualification Tests (refer to the attached ID).	March 17, 2015	March 18, 2015	March 19, 2015	March 18, 2015	0	A	
54	IR-14-00002-UDSI-045-A	Surface Preparation & Apply coating prior to backfilling for 500 Check Valve at Yatta)	March 17, 2015	March 17, 2015	March 18, 2015	March 17, 2015	0	A	



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**

INSPECTION REQUEST LOG									
No.	IR No.	Description	Submitted Date	Inspection Date	Contract Due Date	Response Date	Review Days	1st Inspection	2nd Inspection
55	IR-14-00002-UDSI-046-A	Offsite Inspection for bare steel pipes DN500 prior to apply Coating and Lining. Refer to attached certificates.	March 17, 2015	March 19, 2015	March 20, 2015			P	
56	IR-14-00002-UDSI-047-A	Marking the location of chambers - 500mm Butterfly Valve Yatta Junction	March 19, 2015	March 19, 2015	March 20, 2015	March 19, 2015	0	A	
57	IR-14-00002-UDSI-048-A	Marking the location of trench for proposed pipelines sta1000 to 1500	March 22, 2015	March 22, 2015	March 23, 2015	March 22, 2015	0	A	
58	IR-14-00002-UDSI-049-A	Inspect of casted precast chamber (Quantity: 6 chambers) at Al-Amir Factory.	March 22, 2015	March 22, 2015	March 23, 2015	March 22, 2015	0	A	
59	IR-14-00002-UDSI-050-A	Inspect of casted Manhole	March 23, 2015	March 24, 2015	March 25, 2015	March 24, 2015	0	Retracted	
60	IR-14-00002-UDSI-050-A	Formwork & Steel Reinforcement for 500mm BFV at Yatta Junction Foundations	March 24, 2015	March 24, 2015	March 25, 2015	March 24, 2015	0	A	
61	IR-14-00002-UDSI-051-A	Formwork & Steel Reinforcement for 500mm BFV at Yatta Junction Walls	March 26, 2015	March 26, 2015	March 27, 2015	March 26, 2015	0	A	
62	IR-14-00002-UDSI-052-A	Inspection of Manhole Cover Al-Haddad Workshop	March 26, 2015	March 26, 2015	March 27, 2015	March 29, 2015	3	C	
63	IR-14-00002-UDSI-053-A	Formwork & steel reinforcement of top slab for 500mm Butterfly Valve chamber at Yatta Junction prior to cast of concrete.	March 26, 2015	March 28, 2015	March 29, 2015	March 28, 2015	0	A	
64	IR-14-00002-UDSI-054-A	Inspection for ciming lining & coating for DN 150mm & 500mm steel pipe at Avarot.	March 29, 2015	March 30, 2015	March 31, 2015	March 31, 2015	1	A	
65	IR-14-00002-UDSI-055-A	Safety arrangement and signs installation for Ras At Tawil Emergency Service Connection Chamber/DN100mm prior to start excavation.	March 29, 2015	March 29, 2015	March 30, 2015	March 31, 2015	2	D	A
66	IR-14-00002-UDSI-056-A	Close out of March 2015 Environmental Check List.	March 30, 2015	March 31, 2015	April 1, 2015	March 31, 2015	0	A	
67	IR-14-00002-UDSI-057-A	Complete excavation for Ras At Tawil Emergency Service Connection Chamber/DN100mm prior to start formwork and steel reinforcement for foundation.	March 30, 2015	March 30, 2015	March 31, 2015	March 31, 2015	1	D	A
68	IR-14-00002-UDSI-058-A	Surface preparation and apply of coating (1st & 2nd layers) for DN500mm Butterfly Valve Chamber at Yatta Junction prior to start backfilling around and above the chamber.	March 31, 2015	March 31, 2015	April 1, 2015	March 31, 2015	0	A	
69	IR-14-00002-UDSI-059-A	Inspect of delivered material: Filter Fabric (Geotextile) Material (200gr/1.67m width). Refer to attached Material Receiving Report (1000m long).	March 31, 2015	March 31, 2015	April 1, 2015			P	



Annex D:

Submittals Log.



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



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

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

Booster Station - Phase I Pipeline Connection

TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
1	SUB-14-00002-UDSI-001-A	UDSI	Scheduling Qualification	Pre-Construction	November 6, 2014	December 6, 2014	November 12, 2014	6	A
2	SUB-14-00002-UDSI-002-A	UDSI	Guarantee Certificate	Pre-Construction	November 6, 2014	December 6, 2014	November 18, 2014	12	E
3	SUB-14-00002-UDSI-003-A	UDSI	Insurance Certificate	Pre-Construction	November 6, 2014	December 6, 2014	November 30, 2014	24	E
4	SUB-14-00002-UDSI-004-A	UDSI	Submittal Schedule	Pre-Construction	November 6, 2014	December 6, 2014	November 12, 2014	6	A
5	SUB-14-00002-UDSI-005-A	UDSI	Environmental Mitigation & Monitoring Plan	Pre-Construction	November 6, 2014	December 6, 2014	November 18, 2014	12	C
6	SUB-14-00002-UDSI-005-B	UDSI	Environmental Mitigation & Monitoring Plan	Pre-Construction	December 7, 2014	January 6, 2015	December 10, 2014	3	B
7	SUB-14-00002-UDSI-005-C	UDSI	Environmental Mitigation & Monitoring Plan	Pre-Construction	March 26, 2015	April 25, 2015	March 26, 2015	0	A
8	SUB-14-00002-UDSI-006-A	UDSI	QC Plan	Pre-Construction	November 9, 2014	December 9, 2014	November 25, 2014	16	C
9	SUB-14-00002-UDSI-006-B	UDSI	QC Plan	Pre-Construction	December 1, 2014	December 31, 2014	December 8, 2014	7	B
10	SUB-14-00002-UDSI-007-A	UDSI	Safety Plan	Pre-Construction	November 9, 2014	December 9, 2014	November 26, 2014	17	C
11	SUB-14-00002-UDSI-007-B	UDSI	Safety Plan	Pre-Construction	December 1, 2014	December 31, 2014	December 8, 2014	7	B
12	SUB-14-00002-UDSI-008-A	UDSI	General Construction Method Statement	Pre-Construction	November 9, 2014	December 9, 2014	November 26, 2014	17	C
13	SUB-14-00002-UDSI-008-B	UDSI	General Construction Method Statement	Pre-Construction	December 3, 2014	January 2, 2015	December 29, 2014	26	B
14	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
15	SUB-14-00002-UDSI-010-A	UDSI	Office Furniture	Pre-Construction	November 11, 2014	December 11, 2014	November 12, 2014	1	A
16	SUB-14-00002-UDSI-011-A	UDSI	Field Office Computer System	Pre-Construction	November 11, 2014	December 11, 2014	November 18, 2014	7	B
17	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



**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

TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
18	SUB-14-00002-UDSI-012-A	UDSI	PN16 & PN25 Butterfly Valves	Material-Mec	November 11, 2014	December 11, 2014	November 19, 2014	8	D
19	SUB-14-00002-UDSI-012-B	UDSI	PN16 & PN25 Butterfly Valves	Material-Mec	November 26, 2014	December 26, 2014	December 3, 2014	7	C
20	SUB-14-00002-UDSI-012-C	UDSI	PN16 & PN25 Butterfly Valves	Material-Mec	December 7, 2014	January 6, 2015	December 16, 2014	9	B
21	SUB-14-00002-UDSI-013-A	UDSI	Strainer	Material-Mec	November 11, 2014	December 11, 2014	November 19, 2014	8	C
22	SUB-14-00002-UDSI-013-B	UDSI	Strainer	Material-Mec	December 27, 2014	January 26, 2015	January 4, 2015	8	B
23	SUB-14-00002-UDSI-013-C	UDSI	Strainer - CMC Reply Comments	Material-Mec	March 26, 2015	April 25, 2015	March 26, 2015	0	A
24	SUB-14-00002-UDSI-014-A	UDSI	Flanged Socket	Material-Mec	November 11, 2014	December 11, 2014	November 19, 2014	8	D
25	SUB-14-00002-UDSI-014-B	UDSI	Flanged Socket	Material-Mec	December 30, 2014	January 29, 2015	January 11, 2015	12	C
26	SUB-14-00002-UDSI-014-B	UDSI	Flanged Socket	Material-Mec	December 8, 2014	January 7, 2015	Retracted Date dec 21, 2014	#VALUE!	Retracted
27	SUB-14-00002-UDSI-014-C	UDSI	Flanged Socket	Material-Mec	January 21, 2015	February 20, 2015	February 4, 2015	14	B
28	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
29	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
30	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
31	SUB-14-00002-UDSI-017-A	UDSI	PN16 & PN25 Dismantling Joint	Material-Mec	November 12, 2014	December 12, 2014	November 19, 2014	7	C
32	SUB-14-00002-UDSI-017-B	UDSI	PN16 & PN25 Dismantling Joint	Material-Mec	November 26, 2014	December 26, 2014	December 8, 2014	12	C
33	SUB-14-00002-UDSI-017-C	UDSI	PN16 & PN25 Dismantling Joint	Material-Mec	December 9, 2014	January 8, 2015	December 16, 2014	7	B
34	SUB-14-00002-UDSI-017-D	UDSI	PN16 & PN25 Dismantling Joint	Material-Mec	March 29, 2015	April 28, 2015	March 30, 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

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

Booster Station - Phase I Pipeline Connection

TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
35	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
36	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
37	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
38	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
39	SUB-14-00002-UDSI-019-A	UDSI	Pressure Transmitter - AL-Safi	Material-Mec	November 13, 2014	December 13, 2014	November 23, 2014	10	C
40	SUB-14-00002-UDSI-019-B	UDSI	Pressure Transmitter - AL-Safi	Material-Mec	December 8, 2014	January 7, 2015	December 22, 2014	14	B
41	SUB-14-00002-UDSI-020-A	UDSI	Pressure Transmitter - Multiple	Material-Mec	November 13, 2014	December 13, 2014	November 25, 2014	12	D
42	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
43	SUB-14-00002-UDSI-021-A	UDSI	Lighting Surge Arrestor	Material-Mec	November 13, 2014	December 13, 2014	November 25, 2014	12	A
44	SUB-14-00002-UDSI-022-A	UDSI	Electromagnetic Flowmeter - MAG5100	Material-Mec	November 13, 2014	December 13, 2014	November 25, 2014	12	D
45	SUB-14-00002-UDSI-022-B	UDSI	Electromagnetic Flowmeter -MAG 3100	Material-Mec	December 10, 2014	January 9, 2015	December 23, 2014	13	Retracted
46	SUB-14-00002-UDSI-022-B	UDSI	Electromagnetic Flowmeter -MAG 3101	Material-Mec	January 21, 2015	February 20, 2015	February 3, 2015	13	A
47	SUB-14-00002-UDSI-023-A	UDSI	Electromagnetic Flowmeter MAG8000	Material-Mec	November 13, 2014	December 13, 2014	November 30, 2014	17	C
48	SUB-14-00002-UDSI-023-B	UDSI	Electromagnetic Flowmeter MAG8000	Material-Mec	December 8, 2014	January 7, 2015	December 18, 2014	10	B
49	SUB-14-00002-UDSI-024A	UDSI	6" & 20" Steel Pipes	Material-Mec	November 17, 2014	December 17, 2014	November 19, 2014	2	C
50	SUB-14-00002-UDSI-024-B	UDSI	20" Steel Pipes	Material-Mec	December 2, 2014	January 1, 2015	December 8, 2014	6	B
51	SUB-14-00002-UDSI-025-A	UDSI	Construction Risk Management Plan	Pre-Construction	November 17, 2014	December 17, 2014	December 2, 2014	45	Retracted



**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

TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
52	SUB-14-00002-UDSI-025-A	UDSI	Construction Risk Management Plan	Pre-Construction	December 16, 2014	January 15, 2015	December 22, 2014	6	A
53	SUB-14-00002-UDSI-026-A	UDSI	Storage Yard	Pre-Construction	November 17, 2014	December 17, 2014	November 18, 2014	1	B
54	SUB-14-00002-UDSI-027-A	UDSI	Manhole Covers	Material-Civil	November 17, 2014	December 17, 2014	November 20, 2014	3	C
55	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
56	SUB-14-00002-UDSI-028-A	UDSI	Mobiles & SIM	Pre-Construction	November 19, 2014	December 19, 2014	November 20, 2014	1	A
57	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
58	SUB-14-00002-UDSI-029-B	UDSI	Fabrication Alsafi Of Steel Tee 36" X 16"	Material-Mec	November 27, 2014	December 27, 2014	November 30, 2014	3	B
59	SUB-14-00002-UDSI-029-C	UDSI	Fabrication Alsafi Of Steel Tee 36" X 16"	Material-Mec	March 29, 2015	April 28, 2015	March 30, 2015	1	A
60	SUB-14-00002-UDSI-030-A	UDSI	Temporary Project Signs	Pre-Construction	November 26, 2014	December 26, 2014	November 27, 2014	1	A
61	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
62	SUB-14-00002-UDSI-032-A	UDSI	AreEyes Lab - Welding and Welders	Material-Mec	November 30, 2014	December 30, 2014	December 8, 2014	8	A
63	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
64	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
65	SUB-14-00002-UDSI-035-A	UDSI	Temporary Sign Location	Pre-Construction	December 2, 2014	January 1, 2015	December 3, 2014	1	A
66	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
67	SUB-14-00002-UDSI-037-A	UDSI	CLA-VAL: Flow control Valve DN150	Material-Mec	December 4, 2014	January 3, 2015	December 8, 2014	4	C
68	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



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

TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
69	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
70	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
71	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
72	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
73	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
74	SUB-14-00002-UDSI-041-A	UDSI	Excavation & Trenching Safety Plan	Pre-Construction	December 7, 2014	January 6, 2015	December 8, 2014	1	B
75	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
76	SUB-14-00002-UDSI-043-A	UDSI	Pipes Marking	Material-Mec	December 8, 2014	January 7, 2015	December 17, 2014	9	A
77	SUB-14-00002-UDSI-044-A	UDSI	6" Steel Pipes	Material-Mec	December 8, 2014	January 7, 2015	December 10, 2014	2	C
78	SUB-14-00002-UDSI-044-B	UDSI	6" Steel Pipes	Material-Mec	December 15, 2014	January 14, 2015	December 16, 2014	1	B
79	SUB-14-00002-UDSI-045-A	UDSI	Asphalt Mix Design	Test - Source	December 8, 2014	January 7, 2015	December 10, 2014	2	B
80	SUB-14-00002-UDSI-046-A	UDSI	Concrete Ready-Mix Designs	Test - Source	December 8, 2014	January 7, 2015	December 10, 2014	2	B
81	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
82	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
83	SUB-14-00002-UDSI-049-A	UDSI	Welding Procedure Specification	Material-Mec	December 10, 2014	January 9, 2015	December 16, 2014	6	B
84	SUB-14-00002-UDSI-049-B	UDSI	Welding Procedure Specification	Material-Mec	February 12, 2015	March 14, 2015	February 25, 2015	13	C



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



TASK ORDER SUBMITTALS LOG

No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
85	SUB-14-00002-UDSI-049-C	UDSI	Welding Procedure Specification	Material-Mec	March 2, 2015	April 1, 2015	March 4, 2015	2	A
86	SUB-14-00002-UDSI-050-A	UDSI	Dumping Site	Pre-Construction	December 10, 2014	January 9, 2015	December 15, 2014	5	A
87	SUB-14-00002-UDSI-051-A	UDSI	PrC-East Concrete Chamber	Material-Civil	December 11, 2014	January 10, 2015	December 22, 2014	11	B
88	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
89	SUB-14-00002-UDSI-052-B	UDSI	Test Procedure - 501mm Existing DIP Pipeline	Material-Mec	December 27, 2014	January 26, 2015	January 5, 2015	9	B
90	SUB-14-00002-UDSI-052-C	UDSI	Test Procedure - 501mm Existing DIP Pipeline	Material-Mec	March 29, 2015	April 28, 2015	March 30, 2015	1	A
91	SUB-14-00002-UDSI-053-A	UDSI	CPM Schedule	Schedule	December 11, 2014	January 10, 2015	December 31, 2014	20	C
92	SUB-14-00002-UDSI-053-B	UDSI	CPM Schedule	Schedule	January 25, 2015	February 24, 2015	January 29, 2015	4	B
93	SUB-14-00002-UDSI-053-C	UDSI	CPM Schedule	Schedule	February 8, 2015	March 10, 2015	February 11, 2015	3	A
94	SUB-14-00002-UDSI-054-A	UDSI	High Potential Magnesium Anodes	Material-Mec	December 14, 2014	January 13, 2015	December 22, 2014	8	B
95	SUB-14-00002-UDSI-055-A	UDSI	SHOP DRAWING FOR TRANSMISSION PIPE LINE FROM ST-1+000 TO 1+500	Shop Drawing	December 14, 2014	January 13, 2015	January 6, 2015	23	B
96	SUB-14-00002-UDSI-056-A	UDSI	Check Valve	Material-Mec	December 14, 2014	January 13, 2015	January 4, 2015	21	C
97	SUB-14-00002-UDSI-056-B	UDSI	Check Valve	Material-Mec	January 22, 2015	February 21, 2015	February 3, 2015	12	B
98	SUB-14-00002-UDSI-057-A	UDSI	Steel Reinforcement Manufacturers Data	Material-Mec	December 14, 2014	January 13, 2015	December 15, 2014	1	B
99	SUB-14-00002-UDSI-058-A	UDSI	Test Station for Cathodic Protection	Material-Mec	December 14, 2014	January 13, 2015	December 29, 2014	15	B
100	SUB-14-00002-UDSI-059-A	UDSI	Gate Valves (GV2) 6" & 8"	Material-Mec	December 14, 2014	January 13, 2015	December 16, 2014	2	C
101	SUB-14-00002-UDSI-059-B	UDSI	Gate Valves (GV2) 6" & 8"	Material-Mec	January 12, 2015	February 11, 2015	January 20, 2015	8	B



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

TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
102	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
103	SUB-14-00002-UDSI-061-A	UDSI	Manhole cover inscription	Material-Civil	December 18, 2014	January 17, 2015	December 24, 2014	6	A
104	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
105	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
106	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
107	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
108	SUB-14-00002-UDSI-064-A	UDSI	Updated Submittals Schedule	Schedule	December 22, 2014	January 21, 2015	December 29, 2014	7	A
109	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
110	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
111	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
112	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
113	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
114	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
115	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
116	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
117	SUB-14-00002-UDSI-069-A	UDSI	PrC-East Concrete Chamber - Alternative	Material-Civil	December 27, 2014	January 26, 2015	January 11, 2015	15	B
118	SUB-14-00002-UDSI-069-B	UDSI	PrC-East Concrete Chamber - Alternative	Material-Civil	March 29, 2015	April 28, 2015	March 30, 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

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

Booster Station - Phase I Pipeline Connection

TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
119	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
120	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
121	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
122	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
123	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
124	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
125	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
126	SUB-14-00002-UDSI-073-A	UDSI	Flange Gasket	Material-Mec	December 30, 2014	January 29, 2015	January 4, 2015	5	B
127	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
128	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
129	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
130	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
131	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
132	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
133	SUB-14-00002-UDSI-078-A	UDSI	Insulating Flange Kit /SGM	Material-Mec	January 4, 2015	February 3, 2015	January 11, 2015	7	B
134	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
135	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



**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

TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
136	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
137	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
138	SUB-14-00002-UDSI-082-A	UDSI	Pipe Support - Sample	Material-Mec	January 5, 2015	February 4, 2015	January 11, 2015	6	D
139	SUB-14-00002-UDSI-082-B	UDSI	Pipe Support - Sample	Material-Mec	February 23, 2015	March 25, 2015	February 25, 2015	2	B
140	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
141	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
142	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
143	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
144	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
145	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
146	SUB-14-00002-UDSI-088-A	UDSI	Combination Air Valve	Material-Mec	January 12, 2015	February 11, 2015	January 18, 2015	6	B
147	SUB-14-00002-UDSI-089-A	UDSI	Shop Drawings Butterfly Valve Chamber	Shop Drawing	January 13, 2015	February 12, 2015	January 31, 2015	18	Retracted
148	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
149	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
150	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
151	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
152	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



**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

TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
153	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
154	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
155	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
156	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
157	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
158	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
159	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
160	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
161	SUB-14-00002-UDSI-094-A	UDSI	Bolts, Washers & Nuts	Material-Mec	January 17, 2015	February 16, 2015	January 25, 2015	8	B
162	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
163	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
164	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
165	SUB-14-00002-UDSI-096-A	UDSI	Combination Air Valve	Material-Mec	January 18, 2015	February 17, 2015	January 25, 2015	7	B
166	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
167	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
168	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
169	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



**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

TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
170	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
171	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
172	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
173	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
174	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
175	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
176	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			P
177	SUB-14-00002-UDSI-101-A	UDSI	Steel Fittings	Material-Mec	January 20, 2015	February 19, 2015	January 25, 2015	5	B
178	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
179	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
180	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			P
181	SUB-14-00002-UDSI-103-A	UDSI	16" & 8" Steel Pipes	Material-Mec	January 22, 2015	February 21, 2015	January 28, 2015	6	B
182	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
183	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
184	SUB-14-00002-UDSI-106-A	UDSI	Radiographic Testing Safety Plan	Material-Mec	January 25, 2015	February 24, 2015	January 27, 2015	2	C
185	SUB-14-00002-UDSI-106-B	UDSI	Radiographic Testing Safety Plan	Material-Mec	February 17, 2015	March 19, 2015	February 25, 2015	8	A
186	SUB-14-00002-UDSI-107-A	UDSI	Bani Naim Reservoir Service Connection Chamber	Material-Mec	January 26, 2015	February 25, 2015	January 27, 2015	1	C



**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

TASK ORDER SUBMITTALS LOG

No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
187	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
188	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
189	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
190	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
191	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
192	SUB-14-00002-UDSI-109-B	UDSI	Traffic Control Plan-Bani Naim Reservoir Area	Traffic Control Plan	March 29, 2015	April 28, 2015	March 30, 2015	1	A
193	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
194	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
195	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
196	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
197	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
198	SUB-14-00002-UDSI-114-A	UDSI	Shop Drawing for Cathodic Protection System	Shop Drawing	February 5, 2015	March 7, 2015	February 17, 2015	42	Retracted
199	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
200	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
201	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
202	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
203	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



**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

TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
204	SUB-14-00002-UDSI-118-A	UDSI	Pipe Heat Shrinkable Tapes	Material-Mec	February 5, 2015	March 7, 2015	February 18, 2015	13	D
205	SUB-14-00002-UDSI-118-B	UDSI	Pipe Heat Shrinkable Tapes	Material-Mec	March 8, 2015	April 7, 2015	March 9, 2015	1	B
206	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
207	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
208	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
209	SUB-14-00002-UDSI-121-A	UDSI	Updated Submittals Schedule	Schedule	February 9, 2015	March 11, 2015	February 23, 2015	14	B
210	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
211	SUB-14-00002-UDSI-123-A	UDSI	Updated Construction Risk Management Program	Updated	February 10, 2015	March 12, 2015	February 11, 2015	1	A
212	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
213	SUB-14-00002-UDSI-125-A	UDSI	Alternative Steel Fittings	Material-Mec	February 11, 2015	March 13, 2015	February 18, 2015	7	B
214	SUB-14-00002-UDSI-126-A	UDSI	Alternative Check Valve	Material-Mec	February 15, 2015	March 17, 2015	February 25, 2015	10	B
215	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
216	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
217	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
218	SUB-14-00002-UDSI-129-A	UDSI	Key Personnel	Pre-Construction	February 22, 2015	March 24, 2015	February 23, 2015	1	E
219	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
220	SUB-14-00002-UDSI-131-A	UDSI	Branding Implementation Strategy	Pre-Construction	February 22, 2015	March 24, 2015	March 8, 2015	14	A



**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

TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
221	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
222	SUB-14-00002-UDSI-133-A	UDSI	Supplementary Information of Insurances	Pre-Construction	February 26, 2015	March 28, 2015	March 4, 2015	6	E
223	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
224	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
225	SUB-14-00002-UDSI-136-A	UDSI	Shop Drawings for Yaqeen / Bani Naim Reservoir	Shop Drawing	5-Mar-2015	4-Apr-2015	9-Mar-2015	4	Retracted
226	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
227	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
228	SUB-14-00002-UDSI-138-A	UDSI	Contractor's Employee Commitment Letter	safety	March 5, 2015	April 4, 2015	March 8, 2015	3	A
229	SUB-14-00002-UDSI-139-A	UDSI	Epoxy Paint Nitocote EP405	Material-Mec	March 5, 2015	April 4, 2015	March 12, 2015	7	B
230	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
231	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
232	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
233	SUB-14-00002-UDSI-142-B	UDSI	Welder's Qualification Testing Report	Material-Mec	March 29, 2015	April 28, 2015			P
234	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
235	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
236	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
237	SUB-14-00002-UDSI-145-A	UDSI	Updated Schedule - Feb 2015	Schedule	March 16, 2015	April 15, 2015	March 19, 2015	3	B



**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

TASK ORDER SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
238	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
239	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
240	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
241	SUB-14-00002-UDSI-149-A	UDSI	Filter Fabric (Geotextile) Material	Material-Mec	March 26, 2015	April 25, 2015	March 26, 2015	0	A
242	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
243	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
244	SUB-14-00002-UDSI-152-A	UDSI	(Traffic Control Plan-Full Set)	Traffic Control Plan	March 29, 2015	April 28, 2015			P
245	SUB-14-00002-UDSI-153-A	UDSI	Al-Safi Booster Station Mechanical Coupling	Material-Mec	March 30, 2015	April 29, 2015			P
246	SUB-14-00002-UDSI-154-A	UDSI	Radiographic Third Party Testing Lab-Gabi Shoef	Material-Mec	March 31, 2015	April 30, 2015			P



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



Ras Al Tawil & Al 'Uddeisa Water Infrastructure and Al Safi Booster Station-UDSI

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

QC SUBMITTALS LOG									
No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
16	TEST-14-00002-UDSI-015-A	UDSI	Test Report - Concrete Compressive Strength(Manhole Slab BFV / DN300mm + DN400mm) - Report # BM/CT/15430 - 7 Days	Concrete	March 15, 2015	April 14, 2015	March 15, 2015	0	A
17	TEST-14-00002-UDSI-016-A	UDSI	Test Report - Concrete Compressive Strength(Bani Na'em Reservoir Service Connection Concrete Footing) - Report # BM/CT/15307 - 28 Days	Concrete	March 17, 2015	April 16, 2015	March 17, 2015	0	A
18	TEST-14-00002-UDSI-017-A	UDSI	Test Report # BM/CT/15351-Concrete Compressive Strength - Top Slab of Bani Nairn Reservoir Service Connection Chamber - 28 Days	Concrete	March 17, 2015	April 16, 2015	March 17, 2015	0	A
19	TEST-14-00002-UDSI-018-A	UDSI	Test Report Concrete Compressive Strength - Walls of Bani Nairn Reservoir Service Connection Chamber # BM-CT-15343-- 28 Days	Concrete	March 17, 2015	April 16, 2015	March 17, 2015	0	A



Annex E:

RFI's Log for the Reporting Period



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



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

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		P
11	RFI-14-00002-UDSI-C-E-009	UDSI	Alternative to the modular link seals.	March 25, 2015	April 24, 2015		P



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

PROGRESS PAYMENT LOG										
No.	Payment No.	TO No.	Invoiced Amount	Cumulative Amount	Task Order Amount	Remaining Amount	Date Received by 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



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**

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



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



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

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



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



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

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



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



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



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



OUTGOING EMAILS LOG					
No.	DCN No.	Subject	From : Organization	To : Organization	Sent Date
18	Email-14-02-SAK-OUT-0018	Technical Meeting	SAK	BV	November 26, 2014
19	Email-14-02-SAK-OUT-0019	Retract Sub # SUB-14-00002-UDSI-025-A	SAK	BV	December 2, 2014
20	Email-14-02-SAK-OUT-0020	November Monthly Progress Report	SAK	USAID	December 5, 2014
21	Email-14-02-SAK-OUT-0021	November Geo-MIS data	SAK	BV	December 7, 2014
22	Email-14-02-SAK-OUT-0022	Vetting Request for A'amal Company	SAK	USAID	December 8, 2014
23	Email-14-02-SAK-OUT-0023	Draft MOM No. 001	SAK	BV	December 13, 2014
24	Email-14-02-SAK-OUT-0024	Key Personnel	SAK	USAID	December 15, 2014
25	Email-14-02-SAK-OUT-0025	Al Safi Connection	SAK	PWA	December 16, 2014
26	Email-14-02-SAK-OUT-0026	Cost Monthly Projections	SAK	USAID	December 18, 2014
27	Email-14-02-SAK-OUT-0027	Cost Monthly Projections	SAK	USAID	December 18, 2014
28	Email-14-02-SAK-OUT-0028	Key Personnel	SAK	USAID	December 20, 2014
29	Email-14-02-SAK-OUT-0029	Mobilization Payment Check List	SAK	BV	December 22, 2014
30	Email-14-02-SAK-OUT-0030	Draft Mobilization Payment	SAK	BV	December 24, 2014
31	Email-14-02-SAK-OUT-0031	Traffic Plan Area C	SAK	BV	December 24, 2014
32	Email-14-02-SAK-OUT-0032	TO-14-02-UDSI: Saturday Schedule	SAK	BV	December 24, 2014
33	Email-14-02-SAK-OUT-0033	November Monthly Progress Report	SAK	BV	December 28, 2014
34	Email-14-02-SAK-OUT-0034	Site Walkthrough at Saer Are	SAK	BV	December 28, 2014



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



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



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



OUTGOING EMAILS LOG					
No.	DCN No.	Subject	From : Organization	To : Organization	Sent Date
52	Email-14-02-SAK-OUT-0052	Saturday Schedule	SAK	BV	January 15, 2015
53	Email-14-02-SAK-OUT-0053	Al Safi Booster Station Connection	SAK	BV	January 19, 2015
54	Email-14-02-SAK-OUT-0054	: Permit Request	SAK	USAID	January 19, 2015
55	Email-14-02-SAK-OUT-0055	Traffic Control Plan/Area C	SAK	BV	January 19, 2015
56	Email-14-02-SAK-OUT-0056	Task Order #14-00002, Insurance Policies.	SAK	USAID	January 21, 2015
57	Email-14-02-SAK-OUT-0057	Saturday Schedule	SAK	BV	January 22, 2015
58	Email-14-02-SAK-OUT-0058	Urgent Submittals	SAK	BV	January 26, 2015
59	Email-14-02-SAK-OUT-0059	SCADA Works	SAK	BV	January 26, 2015
60	Email-14-02-SAK-OUT-0060	Al Safi Booster Station Connection	SAK	BV	January 28, 2015
61	Email-14-02-SAK-OUT-0061	Key Personnel	SAK	USAID	January 29, 2015
62	Email-14-02-SAK-OUT-0062	Saturday Schedule	SAK	BV	January 29, 2015
63	Email-14-02-SAK-OUT-0063	Retract- SUB-14-00002-UDSI-089-A	SAK	BV	January 31, 2015
64	Email-14-02-SAK-OUT-0064	Start Excavation	SAK	BV	February 1, 2015
65	Email-14-02-SAK-OUT-0065	Traffic Control Plan/Area C	SAK	BV	February 2, 2015
66	Email-14-02-SAK-OUT-0066	December Monthly Progress Report	SAK	USAID	February 3, 2015
67	Email-14-02-SAK-OUT-0067	Retract- SUB-14-00002-UDSI-114-A	SAK	BV	February 3, 2015
68	Email-14-02-SAK-OUT-0068	Al Safi Booster Station Connection	SAK	BV/PWA	February 4, 2015



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



OUTGOING EMAILS LOG					
No.	DCN No.	Subject	From : Organization	To : Organization	Sent Date
69	Email-14-02-SAK-OUT-0069	Modified Monthly Progress Report, December 2014	SAK	USAID	February 4, 2015
70	Email-14-02-SAK-OUT-0070	Retract- IR-14-00002-UDSI-006-A (Pressure Leakage Test	SAK	BV	February 5, 2015
71	Email-14-02-SAK-OUT-0071	Saturday Schedule	SAK	BV	February 5, 2015
72	Email-14-02-SAK-OUT-0072	January Monthly Progress Report	SAK	USAID	February 5, 2015
73	Email-14-02-SAK-OUT-0073	Al Safi Booster Station Connection	SAK	BV	February 8, 2015
74	Email-14-02-SAK-OUT-0074	Traffic Control Plan Area C	SAK	USAID	February 11, 2015
75	Email-14-02-SAK-OUT-0075	Traffic Control Plan Area C	SAK	BV	February 11, 2015
76	Email-14-02-SAK-OUT-0076	Saturday Schedule	SAK	BV	February 12, 2015
77	Email-14-02-SAK-OUT-0077	Retract- SUB-14-00002-UDSI-114-A	SAK	BV	February 17, 2015
78	Email-14-02-SAK-OUT-0078	Saturday Schedule	SAK	BV	February 19, 2015
79	Email-14-02-SAK-OUT-0079	Traffic Plan Area C (2 E-MAILS)	SAK	BV	February 22, 2015
80	Email-14-02-SAK-OUT-0080	Traffic Plan Area C (2 E-MAILS)	SAK	BV	February 23, 2015
81	Email-14-02-SAK-OUT-0081	Retract- IR-14-00002-UDSI-022-A	SAK	BV	February 24, 2015
82	Email-14-02-SAK-OUT-0082	Al Safi Booster Station	SAK	BV	February 25, 2015
83	Email-14-02-SAK-OUT-0083	Saturday Schedule	SAK	BV	February 26, 2015
84	Email-14-02-SAK-OUT-0084	Manhole Cover Logo	SAK	USAID	March 2, 2015
85	Email-14-02-SAK-OUT-0085	SCADA meeting	SAK	BV	March 4, 2015



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



OUTGOING EMAILS LOG					
No.	DCN No.	Subject	From : Organization	To : Organization	Sent Date
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
96	Email-14-02-SAK-OUT-0096	Al Safi Booster Station	SAK	أحمد الزمانين <amin.alarin@ahlia.>	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



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



OUTGOING EMAILS LOG					
No.	DCN No.	Subject	From : Organization	To : Organization	Sent Date
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



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**

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	Damages in Al-Safi Booster Station	February 25, 2015	SAK	Al-Ahliya Insurance	
18	LTR.02.SAK-LOCAL.018-A	UDSI	Start Excavation in Bani Naim Pipeline	March 31, 2015	SAK	Hebron Police	
19	LTR.02.SAK-LOCAL.019-A	UDSI	Start Excavation in Bani Naim Pipeline	March 31, 2015	SAK	Paltel	
20	LTR.02.SAK-LOCAL.020-A	UDSI	Start Excavation in Bani Naim Pipeline	March 31, 2015	SAK	Bani Naem Municipality	



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**

CONTRACTOR LETTERS LOG

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



Annex H:

Geo-MIS Data



USAID WEST BANK/ GAZA - LOCAL CONSTRUCTION PROGRAM

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

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

TASK ORDER SHORT NAME. UDSI

Temporay Job Days Summary Report



Task Order Name: Project 1, Kas Al Jawee & Al Udeisa water infrastructure

Phase 1A and AI Safi

Booster Station - Phase

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

PERIOD FROM: Nov. 04, 2014

PERIOD TO: March 31, 2015

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Segregation By Gender		Notes of Comments
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other			Female	Male	
November	2014	69	64	51	53	22	259	11	18	241	
December	2014	81	81	101	97	209	569	24	27	542	
January	2015	73	87	157	101	229	647	27	38	609	
February	2015	72	116	265	146	190	789	33	46	743	
March	2015	78	150	207	142	210	786	33	54	732	
April	2015										
May	2015										
June	2015										
July	2015										
August	2015										
September	2015										
Total of FY 2015		373	498	781	539	859	3050	128	183	2867	
October	2015										
November	2015										
December	2015										
January	2016										
February	2016										
March	2016										
April	2016										
May	2016										
June	2016										
July	2016										
August	2016										
September	2016										
Total of FY 2016							0	0	0	0	

Note :

* No of Full Time Equivalent (FTE) Jobs in the Month = Total Job Days / Avg. Days in the Month(23.8)

** This data collection sheet is for Palestinian staff only , experts and foreign employee shall not be included.



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



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

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 & Envr. Manager	Project Engineer	Office Engineer (I)	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
November 3, 2014															0	0	0	0	0	0	0
November 4, 2014	8	8	8	16		8									3	3	0	0	0	5	1
November 5, 2014	8	8	8	16		8									3	3	0	0	0	5	1
November 6, 2014	8	8	8	16		8									3	3	0	0	0	5	1
November 7, 2014															0	0	0	0	0	0	0
November 8, 2014	8	8	8	16		8					8				3	3	0	1	0	6	1
November 9, 2014	8	8	8	16		8		8			8				3	3	1	1	0	7	1
November 10, 2014	8	8	8	8	8	8		16			8				3	3	2	1	0	8	1
November 11, 2014	8	8	8	8	8	8		24			16				3	3	3	2	0	10	1
November 12, 2014	8	8	8	8		8		24			16				3	2	3	2	0	10	0
November 13, 2014	8	8	8	8		8		24			16				3	2	3	2	0	10	0
November 14, 2014															0	0	0	0	0	0	0
November 15, 2014	8	8	8	8		8		40			24				3	2	5	3	0	13	0
November 16, 2014	8	8	8	8		8		40			24				3	2	5	3	0	13	0
November 17, 2014	8	8	8	8		8		40			24				3	2	5	3	0	13	0
November 18, 2014	8	8	8	8	8	8		16			40	8	8		3	3	2	5	2	14	1
November 19, 2014	8	8	8	8	8	8		16			40	8	8		3	3	2	5	2	14	1
November 20, 2014	8	8	8	8	8	8		16			40	8	8		3	3	2	5	2	14	1
November 21, 2014															0	0	0	0	0	0	0
November 22, 2014	8	8	8	8	8	8		24			32	8	8		3	3	3	4	2	14	1
November 23, 2014	8	8	8	8	8	8		24			32	8	8		3	3	3	4	2	14	1
November 24, 2014	8	8	8	8	8	8		16			16	8	8		3	3	2	2	2	11	1
November 25, 2014	8	8	8	8	8	8		16			16	8	8		3	3	2	2	2	11	1
November 26, 2014	8	8	8	8	8	8		16			16	8	8		3	3	2	2	2	11	1
November 27, 2014	8	8	8	8	8	8		16			16	8	8		3	3	2	2	2	11	1
November 28, 2014															0	0	0	0	0	0	0
November 29, 2014	8	8	8	8	8	8		16			16	8	8		3	3	2	2	2	11	1
November 30, 2014	8	8	8	8	8	8		16			16	8	8		3	3	2	2	2	11	1
															0	0	0	0	0	0	0
Total of Month	184	184	184	224	104	184	0	0	408	0	0	424	88	88	69	64	51	53	22	241	18

* Total Man-days = Total Hours / 8

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



USAID WEST BANK/ GAZA
 LOCAL CONSTRUCTION PROGRAM
 CONTRACT NO. AID-294-I-13-00002
 TASK ORDER NO. AID-294-TO-14-00002
 TASK ORDER SHORT NAME. UDSI
 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: Dec 01, 2014

PERIOD TO: Dec 31, 2014

DATE	Site Staff Job Days **																					
	Worker/Classification (Hours)														Man-days*					Gender		
	Management			Engineers			Skilled labor			Unskilled labor		Other			Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female	
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer (F)	CWI	Foreman	Skilled Labor	Welder	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				32	8	48	0	3	3	2	4	7	18	1
December 7, 2014	8	8	8	8	8	8		16				32	8	48	0	3	3	2	4	7	18	1
December 8, 2014	8	8	8	8	8	8		16				32	8	48	0	3	3	2	4	7	18	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	10		32	16	24	15	3	3	5	4	7	21	1
December 25, 2014	8	8	8	8	8	8		32	8	16		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	11		32	16	24	15	3	3	5	4	7	21	1
December 28, 2014	8	8	8	8	8	8		24	8	16		32	16	24	15	3	3	6	4	7	22	1
December 29, 2014	8	8	8	8	8	8		24	8	16		32	16	24	15	3	3	6	4	7	22	1
December 30, 2014	8	8	8	8	8	8		24	8	12		32	16	24	15	3	3	6	4	7	21	1
December 31, 2014	8	8	8	8	8	8		24	8	10		32	16	24	15	3	3	5	4	7	21	1
Total of Month	216	216	216	216	216	216	0	512	152	143	0	776	272	1263	135	81	81	101	97	209	542	27

* Total Man-days = Total Hours / 8

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



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



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

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

DATE	Site Staff Job Days **																							
	Worker/Classification (Hours)															Man-days*					Gender			
	Management			Engineers			Skilled labor					Unskilled labor		Other			Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female	
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer (F)	CWI	Foreman	Skilled Labor	Welder	Driver	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Office Guard	Storage Guard								Accountant
January 1, 2015	8	8	8	8	8	8		24	8	8	2		32	16	24	15		3	3	5	4	7	21	1
January 2, 2015															24	15		0	0	0	0	5	5	0
January 3, 2015	8	8	8	8	8	8		24	8	8	3		32	16	24	15		3	3	5	4	7	21	1
January 4, 2015	8	8	8	8	8	8		24	16	8	3		32	16	24	15	8	3	3	6	4	8	23	1
January 5, 2015	8	8	8	8	8	8		24	16	8	2		32	16	24	15	8	3	3	6	4	8	23	1
January 6, 2015	8	8	8	8	8	8		24	16	8	2		32	16	24	15	8	3	3	6	4	8	23	1
January 7, 2015	8	8	8	8	8	8		0	0	8	0		0	16	24	15	8	3	3	1	0	8	14	1
January 8, 2015															24	24		0	0	0	0	6	6	0
January 9, 2015															24	24		0	0	0	0	6	6	0
January 10, 2015	8														24	24	8	1	0	0	0	7	8	0
January 11, 2015	8	8	8	8	8	8		24	16	8	0		32	16	24	15	8	3	3	6	4	8	23	1
January 12, 2015	8	8	8	8	8	8		24	16	8	0		32	16	24	15	8	3	3	6	4	8	23	1
January 13, 2015	8	8	8	8	8	8		24	16	8	0		32	16	24	15	8	3	3	6	4	8	23	1
January 14, 2015	8	8	8	8	8	8		24	16	8	4		32	16	24	15	8	3	3	7	4	8	23	1
January 15, 2015	8	8	8	8	16	8		24	16	16	8		32	16	24	15	8	3	4	8	4	8	25	2
January 16, 2015															24	24		0	0	0	0	6	6	0
January 17, 2015	8	8	8	8	16	8		16	16	16	8		40	16	24	15	8	3	4	7	5	8	25	2
January 18, 2015	8	8	8	8	16	8		16	16	16	8		40	16	24	15	8	3	4	7	5	8	25	2
January 19, 2015	8	8	8	8	16	8		16	16	16	8		40	16	24	15	8	3	4	7	5	8	25	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	16	48		40	16	24	15	8	3	5	12	5	8	31	2
Total of Month	200	192	192	200	304	192	0	448	352	304	155	0	808	384	744	519	184	73	87	157	101	229	609	38

* Total Man-days = Total Hours / 8

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



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



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

PERIOD FROM: 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	16	3	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	36	132	0	96	24	24	15	0	4	6	33	12	8	60	2
February 8, 2015	8	8	8	16	16	8	0	24	16	24	44	0	48	16	24	15	0	3	5	14	6	7	32	2
February 9, 2015	8	8	8	16	16	8	0	24	16	24	51	0	48	16	24	15	0	3	5	14	6	7	33	2
February 10, 2015	8	8	8	16	16	8	0	24	16	24	54	0	48	16	24	15	0	3	5	15	6	7	34	2
February 11, 2015	8	8	8	16	16	8	0	24	16	32	10	0	48	16	24	15	0	3	5	10	6	7	29	2
February 12, 2015	8	8	8	16	16	8	0	24	16	32	2	0	40	16	24	15	0	3	5	9	5	7	27	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	16	38	0	64	16	24	15	0	3	5	14	8	7	35	2
February 16, 2015	8	8	8	16	16	8	0	24	32	16	27	0	64	16	24	15	0	3	5	12	8	7	33	2
February 17, 2015	8	8	8	16	16	8	0	24	32	16	46	0	64	16	24	15	0	3	5	15	8	7	36	2
February 18, 2015	8	8	8	16	16	8	0	24	16	16	15	0	32	16	24	15	0	3	5	9	4	7	26	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	48	0	48	16	24	15	0	3	5	14	6	7	33	2
February 25, 2015	8	8	8	16	16	8	0	24	32	8	12	0	48	16	24	15	0	3	5	10	6	7	28	2
February 26, 2015	8	8	8	16	16	8	0	24	32	8	10	0	64	16	24	15	0	3	5	9	8	7	30	2
February 27, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24	0	0	0	0	0	6	6	0
February 28, 2015	8	8	8	16	16	8	0	24	32	8	21	0	64	16	24	15	0	3	5	11	8	7	32	2
Total of Month	188	202	188	368	368	188	0	608	536	396	578	0	1168	376	672	456	16	72	116	265	146	190	743	46

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

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

DATE	Site Staff Job Days **																							
	Worker/Classification (Hours)															Man-days*					Gender			
	Management			Engineers				Skilled labor				Unskilled labor		Other			Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female	
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer (F)	It 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	28		48	16	24	15	3	5	11	6	7	29	2
March 11, 2015	8	8	8	16	16		8		24	24	8	11		48	16	24	15	3	5	8	6	7	27	2
March 12, 2015	8	8	8	16	16		8		24	24	8	0		24	16	24	15	3	5	7	3	7	23	2
March 13, 2015																24	24	0	0	0	0	6	6	0
March 14, 2015	8	8	8	16	16	8	8		16	16	8			16	16	24	15	3	6	5	2	7	21	2
March 15, 2015	8	8	8	16	16	8	8		24	24	8	8		32	16	24	15	3	6	8	4	7	26	2
March 16, 2015	8	8	8	16	16	8	8		24	24	8	1		32	16	24	15	3	6	7	4	7	25	2
March 17, 2015	8	8	8	16	16	0	8		24	24	8	12		32	16	24	15	3	5	9	4	7	25	2
March 18, 2015	8	8	8	16	16	8	8		16	24	8	0		32	16	24	15	3	6	6	4	7	24	2
March 19, 2015	8	8	8	16	16	8	8		16	24	8	8		32	16	24	15	3	6	7	4	7	25	2
March 20, 2015																24	24	0	0	0	0	6	6	0
March 21, 2015	8	8	8	16	16	8	8		16	24	8	12		32	16	24	15	3	6	8	4	7	25	2
March 22, 2015	8	8	8	16	16	8	8		16	24	8	16		32	16	24	15	3	6	8	4	7	26	2
March 23, 2015	8	8	8	16	16	8	8		16	24	8	16		32	16	24	15	3	6	8	4	7	26	2
March 24, 2015	8	8	8	16	16	8	8		24	24	8	13		48	16	24	15	3	6	9	6	7	29	2
March 25, 2015	8	8	8	16	16	8	8		24	24	8	0		48	16	24	15	3	6	7	6	7	27	2
March 26, 2015	8	8	8	16	16	8	8		24	16	8	2		56	16	24	15	3	6	6	7	7	27	2
March 27, 2015																24	24	0	0	0	0	6	6	0
March 28, 2015	8	8	8	16	16	8	8		16	16	8	7		48	16	24	15	3	6	6	6	7	26	2
March 29, 2015	8	8	8	16	16	8	8		16	16	8	18		48	16	24	15	3	6	7	6	7	27	2
March 30, 2015	8	8	8	16	16	8	8		24	32	8	12		48	16	24	15	3	6	10	6	7	29	2
March 31, 2015	8	8	8	16	16	8	8		24	32	8	16		48	16	24	15	3	6	10	6	7	30	2
Total of Month	200	216	208	432	432		216	0	568	640	216	229	0	1136	432	744	501	78	150	207	142	210	732	54

* Total Man-days = Total Hours / 8

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



Annex I:

Risk Register

None encountered to date



Annex J:

Project Updated Schedule

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Schedule % Complete	Performance % Complete	2015											
								Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Biweekly Ras Al Tawil & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi Booster Station																			
Milestones																			
General Milestones																			
UDS-A-001	Notice to Proceed (NTP)	0d	04-Nov-14 A			100%	100%	Notice to Proceed (NTP)											
UDS-A-011	Completion of Task Order	0d		18-Nov-15*	-20d	0%	0%												
Intermediate Milestones																			
UDS-IA-01	Start of Mobilization	0d	04-Nov-14 A			100%	100%	Start of Mobilization											
UDS-IA-02	Finish of Mobilization	0d		17-Dec-14 A		100%	100%	Finish of Mobilization											
UDS-IA-03	Start of Pre-Construction Submittals	0d	04-Nov-14 A			100%	100%	Start of Pre-Construction Submittals											
UDS-IA-04	Finish of Pre-Construction Submittals	0d		23-Feb-15 A		100%	100%	Finish of Pre-Construction Submittals											
UDS-IA-05	Start of Construction Submittals	0d	10-Nov-14 A			100%	100%	Start of Construction Submittals											
UDS-IA-06	Finish of Construction Submittals	0d		12-May-15	170d	0%	0%	Finish of Construction Submittals											
UDS-IA-16	Start of Construction (Ground Breaking)	0d	31-Jan-15 A			100%	100%	Start of Construction (Ground Breaking)											
UDS-IA-20	Start of Construction of Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A	0d	31-Jan-15 A			100%	100%	Start of Construction of Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A											
UDS-IA-26	Finish of Construction of Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A	0d		22-Oct-15	-5d	0%	0%	Finish of Construction of Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A											
UDS-IA-30	Start of Construction of Al Safi Booster Station - Phase I Pipeline Connection	0d	07-Feb-15 A			100%	100%	Start of Construction of Al Safi Booster Station - Phase I Pipeline Connection											
UDS-IA-36	Finish of Construction of Al Safi Booster Station - Phase I Pipeline Connection	0d		22-Oct-15	-5d	0%	0%	Finish of Construction of Al Safi Booster Station - Phase I Pipeline Connection											
UDS-IA-46	Project Duration	275d	04-Nov-14 A	18-Nov-15	-16d	40.36%	34.18%	Project Duration											
PreConstruction Phase								26-Mar-15 A, PreConstruction P...											
Construction Phase																			
Construction Submittals								14-Jun-15, Construction Submitt...											
Shopdrawing submittals								12-May-15, Shopdrawing submitt...											
Chambers Shopdrawing								10-Mar-15 A, Chambers Shopdraw...											
Water Pipeline Shopdrawing								06-Apr-15, Water Pipeline Shop...											
500mm, 150mm and 80mm Pipes								06-Apr-15, 500mm, 150mm and 80...											
UDS-CS-10	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 1+000 to Sta. 1+500	5d	04-Dec-14 A	14-Dec-14 A		100%	100%	Prep. & Sub. Shop drawing for ...											
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	21d	14-Dec-14 A	06-Jan-15 A		100%	100%	Review & Approval of Shop draw...											
UDS-CS-20	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 1+500 to Sta.2+000	6d	10-Dec-14 A	27-Dec-14 A		100%	100%	Prep. & Sub. Shop drawing for ...											
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	21d	27-Dec-14 A	06-Jan-15 A		100%	100%	Review & Approval of Shop draw...											
UDS-CS-30	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 2+000 to Sta.3+000	6d	20-Dec-14 A	11-Feb-15 A		100%	100%	Prep. & Sub. Shopdrawing for ...											
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	21d	11-Feb-15 A	06-Apr-15	8d	100%	80%	Review & Approval of Shop draw...											
UDS-CS-40	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 3+000 to Sta.4+000	6d	28-Dec-14 A	11-Feb-15 A		100%	100%	Prep. & Sub. Shopdrawing for ...											
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	21d	11-Feb-15 A	06-Apr-15	24d	100%	80%	Review & Approval of Shop draw...											
UDS-CS-50	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 4+000 to Sta.5+00	6d	21-Jan-15 A	11-Feb-15 A		100%	100%	Prep. & Sub. Shopdrawing for ...											
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	21d	11-Feb-15 A	06-Apr-15	41d	100%	80%	Review & Approval of Shop draw...											
UDS-CS-55	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 5+000 to Sta.5+597	6d	21-Jan-15 A	11-Feb-15 A		100%	100%	Prep. & Sub. Shopdrawing for ...											
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	21d	11-Feb-15 A	06-Apr-15	64d	100%	80%	Review & Approval of Shop draw...											
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 Conr	10d	25-Jan-15 A	31-Jan-15 A		100%	100%	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	21d	31-Jan-15 A	09-Feb-15 A		100%	100%	Review & Approval of Shop draw...											
UDS-CS-250	Prep. & Sub. Shop drawing for Connect to Existing 500mm DIP as per detail B/CD-0001 (Northen Connection)	10d	25-Jan-15 A	31-Jan-15 A		100%	100%	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 (Northen Coni	21d	31-Jan-15 A	09-Feb-15 A		100%	100%	Review & Approval of Shop draw...											
Civil Shopdrawing								12-May-15, Civil Shopdrawing											
UDS-CS-260	Prep. & Sub. Shop drawing for Roads	10d	31-Mar-15	11-Apr-15	125d	80%	0%	Prep. & Sub. Shop drawing for ...											
UDS-CS-260 R&A	Review & Approval of Shop drawing for Roads	21d	13-Apr-15	12-May-15	103d	0%	0%	Review & Approval of Shop draw...											
UDS-CS-270	Prep. & Sub. Shop drawing for Formwork	8d	31-Mar-15	08-Apr-15	46d	100%	0%	Prep. & Sub. Shop drawing for ...											
UDS-CS-270 R&A	Review & Approval of Shop drawing for Formwork	21d	09-Apr-15	11-May-15	38d	100%	0%	Review & Approval of Shbp draw...											
Al-Safi Shopdrawing								25-Feb-15 A, Al-Safi Shopdrawl...											
UDS-CS-280	Prep. & Sub. Shop drawing for connection of DN400 steel pipe to DN900 existing DIP	10d	10-Dec-14 A	25-Jan-15 A		100%	100%	Prep. & Subj Shop drawing for ...											
UDS-CS-280 R&A	Review & Approval of Shop drawing for connection of DN400 steel pipe to DN900 existing DIP	21d	25-Jan-15 A	03-Feb-15 A		100%	100%	Review & Approval of Shop draw...											
UDS-CS-290	Prep. & Sub. Shop drawing for Steel Pipe Tank Connection	10d	20-Jan-15 A	25-Jan-15 A		100%	100%	Prep. & Subj Shop drawing for ...											
UDS-CS-290 R&A	Review & Approval of Shop drawing for Steel Pipe Tank Connection	21d	25-Jan-15 A	03-Feb-15 A		100%	100%	Review & Approval of Shop draw...											

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

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Schedule % Complete	Performance % Complete	2015														
								Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov		
UDS-CS-300	Prep. & Sub. Shop drawing for Flow Monitoring & Flow Control Valve Assembly	12d	26-Jan-15 A	10-Feb-15 A		100%	100%															
UDS-CS-300 R&A	Review & Approval of Shop drawing for Flow Monitoring & Flow Control Valve Assembly	21d	10-Feb-15 A	25-Feb-15 A		100%	100%															
UDS-CS-310	Prep. & Sub. Shop drawing for 300mm and 400mm BFV chambers	6d	27-Jan-15 A	08-Feb-15 A		100%	100%															
UDS-CS-310 R&A	Review & Approval of Shop drawing for 300mm and 400mm BFV chambers	21d	08-Feb-15 A	10-Feb-15 A		100%	100%															
UDS-CS-320	Prep. & Sub. Shop drawing for Instrumentations	10d	25-Jan-15 A	01-Feb-15 A		100%	100%															
UDS-CS-320 R&A	Review & Approval of Shop drawing for Instrumentations	21d	01-Feb-15 A	09-Feb-15 A		100%	100%															
Material Submittals		132d	10-Nov-14 A	06-May-15	110d	0%	0%	04-Mar-15, Material Submittals														
Mechanical Material Submittals		103d	16-Nov-14 A	04-Mar-15 A		0%	0%	04-Mar-15, Mechanical Material Submittals														
UDS-MMS-010	Prep. & Sub. 500mm Steel Pipes	5d	16-Nov-14 A	02-Dec-14 A		100%	100%															
UDS-MMS-010-RA	Review & Approval of 500 mm Steel Pipes	21d	02-Dec-14 A	08-Dec-14 A		100%	100%															
UDS-MMS-020	Prep. & Sub. Butterfly Valve	5d	16-Nov-14 A	07-Dec-14 A		100%	100%															
UDS-MMS-020-RA	Review & Approval of Butterfly Valve	21d	07-Dec-14 A	16-Dec-14 A		100%	100%															
UDS-MMS-030	Prep. & Sub. Gate Valve	5d	06-Dec-14 A	12-Jan-15 A		100%	100%															
UDS-MMS-030-RA	Review & Approval of Gate Valve	21d	12-Jan-15 A	20-Jan-15 A		100%	100%															
UDS-MMS-040	Prep. & Sub. Combination Air Valve	5d	22-Dec-14 A	18-Jan-15 A		100%	100%															
UDS-MMS-040-RA	Review & Approval of Combination Air Valve	21d	18-Jan-15 A	25-Jan-15 A		100%	100%															
UDS-MMS-050	Prep. & Sub. Check Valve	10d	22-Dec-14 A	22-Jan-15 A		100%	100%															
UDS-MMS-050-RA	Review & Approval of Check Valve	21d	22-Jan-15 A	03-Feb-15 A		100%	100%															
UDS-MMS-060	Prep. & Sub. Flow Control Valve	5d	26-Jan-15 A	18-Feb-15 A		100%	100%															
UDS-MMS-060-RA	Review & Approval of Flow Control Valve	21d	18-Feb-15 A	25-Feb-15 A		100%	100%															
UDS-MMS-070	Prep. & Sub. Pressure Relief Valve	10d	08-Dec-14 A	28-Jan-15 A		100%	100%															
UDS-MMS-070-RA	Review & Approval of Pressure Relief Valve	21d	28-Jan-15 A	03-Feb-15 A		100%	100%															
UDS-MMS-080	Prep. & Sub. Strainer	5d	22-Nov-14 A	27-Dec-14 A		100%	100%															
UDS-MMS-080-RA	Review & Approval of Strainer	21d	27-Dec-14 A	04-Jan-15 A		100%	100%															
UDS-MMS-090	Prep. & Sub. Combined flow control and Pressure Reducing Valve	5d	22-Dec-14 A	26-Jan-15 A		100%	100%															
UDS-MMS-090-RA	Review & Approval of Combined flow control and Pressure Reducing Valve	21d	26-Jan-15 A	29-Jan-15 A		100%	100%															
UDS-MMS-110	Prep. & Sub. Dismantling joints	5d	22-Nov-14 A	09-Dec-14 A		100%	100%															
UDS-MMS-110-RA	Review & Approval of Dismantling joints	21d	09-Dec-14 A	16-Dec-14 A		100%	100%															
UDS-MMS-120	Prep. & Sub. Mechanical coupling & socket adapters	5d	01-Dec-14 A	09-Dec-14 A		100%	100%															
UDS-MMS-120-RA	Review & Approval of Mechanical coupling & socket adapters	21d	09-Dec-14 A	16-Dec-14 A		100%	100%															
UDS-MMS-140	Prep. & Sub. Float (level) control valves	5d	29-Dec-14 A	31-Jan-15 A		100%	100%															
UDS-MMS-140-RA	Review & Approval of Float (level) control valves	21d	31-Jan-15 A	04-Feb-15 A		100%	100%															
UDS-MMS-150	Prep. & Sub. Flange Gaskets	5d	25-Dec-14 A	30-Dec-14 A		100%	100%															
UDS-MMS-150-RA	Review & Approval of Flange Gaskets	21d	30-Dec-14 A	04-Jan-15 A		100%	100%															
UDS-MMS-160	Prep. & Sub. Galvanized Malleable Iron Fittings Up to 2"	4d	17-Jan-15 A	20-Jan-15 A		100%	100%															
UDS-MMS-160-RA	Review & Approval of Galvanized Malleable Iron Fittings Up to 2"	21d	20-Jan-15 A	25-Jan-15 A		100%	100%															
UDS-MMS-170	Prep. & Sub. Bolts, studs, nuts, and washers	4d	11-Jan-15 A	17-Jan-15 A		100%	100%															
UDS-MMS-170-RA	Review & Approval of Bolts, studs, nuts, and washers	21d	17-Jan-15 A	25-Jan-15 A		100%	100%															
UDS-MMS-180	Prep. & Sub. Flanges	5d	01-Jan-15 A	05-Jan-15 A		100%	100%															
UDS-MMS-180-RA	Review & Approval of Flanges	21d	05-Jan-15 A	11-Jan-15 A		100%	100%															
UDS-MMS-190	Prep. & Sub. Pressure Gauge, ball valve, and snubber	5d	01-Jan-15 A	04-Jan-15 A		100%	100%															
UDS-MMS-190-RA	Review & Approval of Pressure Gauge, ball valve, and snubber	21d	04-Jan-15 A	11-Jan-15 A		100%	100%															
UDS-MMS-200	Prep. & Sub. Steel fittings (elbows, reducers, tees, etc)	5d	10-Jan-15 A	20-Jan-15 A		100%	100%															
UDS-MMS-200-RA	Review & Approval of Steel fittings (elbows, reducers, tees, etc)	21d	20-Jan-15 A	25-Jan-15 A		100%	100%															
UDS-MMS-210	Prep. & Sub. Heat Shrinkable for Steel Pipes	5d	15-Jan-15 A	25-Jan-15 A		100%	100%															
UDS-MMS-210-RA	Review & Approval of Heat Shrinkable for Steel Pipes	21d	25-Jan-15 A	02-Feb-15 A		100%	100%															
UDS-MMS-220	Prep. & Sub. Steel pipes marking Sample	4d	01-Dec-14 A	08-Dec-14 A		100%	100%															
UDS-MMS-220-RA	Review & Approval of Steel pipes marking Sample	21d	08-Dec-14 A	17-Dec-14 A		100%	100%															
UDS-MMS-230	Prep. & Sub. 450mm, 400mm, 350mm, 300mm, 250mm, 200mm, 150mm, 100mm, 80mm Steel Pipes	5d	15-Dec-14 A	22-Feb-15 A		100%	100%															
UDS-MMS-230-RA	Review & Approval of 450mm, 400mm, 350mm, 300mm, 250mm, 200mm, 150mm, 100mm, 80mm Steel Pipes	21d	22-Feb-15 A	04-Mar-15 A		100%	100%															
Civil Material Submittals		125d	16-Nov-14 A	26-Mar-15 A		0%	0%	26-Mar-15 A, Civil Material Submittals														
UDS-CMS-10	Prep. & Sub. Bedding Material	4d	04-Dec-14 A	07-Dec-14 A		100%	100%															
UDS-CMS-10-RA	Review & Approval of Bedding Material	21d	07-Dec-14 A	08-Dec-14 A		100%	100%															

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

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Schedule % Complete	Performance % Complete	2015														
								Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov		
UDS-CMS-20	Prep. & Sub. Single Size Backfilling Material	4d	01-Dec-14 A	07-Dec-14 A		100%	100%															
UDS-CMS-20-RA	Review & Approval of Single Size Backfilling Material	21d	07-Dec-14 A	08-Dec-14 A		100%	100%															
UDS-CMS-30	Prep. & Sub. Base Course	7d	18-Feb-15 A	28-Feb-15 A		100%	100%															
UDS-CMS-30-RA	Review & Approval of Base Course	21d	03-Mar-15 A	03-Mar-15 A		100%	100%															
UDS-CMS-40	Prep. & Sub. Concrete Mix Design	28d	01-Dec-14 A	08-Dec-14 A		100%	100%															
UDS-CMS-40-RA	Review & Approval of Concrete Mix Design	21d	08-Dec-14 A	10-Dec-14 A		100%	100%															
UDS-CMS-45	Prep. & Sub. Steel Reinforcement	4d	04-Dec-14 A	14-Dec-14 A		100%	100%															
UDS-CMS-45-RA	Review & Approval of Steel Reinforcement	21d	14-Dec-14 A	15-Dec-14 A		100%	100%															
UDS-CMS-50	Prep. & Sub. Bituminous Cold Material (for external coating for Concrete Chambers)	3d	17-Dec-14 A	27-Dec-14 A		100%	100%															
UDS-CMS-50-RA	Review & Approval of Bituminous Cold Material (for external coating for Concrete Chambers)	21d	27-Dec-14 A	11-Jan-15 A		100%	100%															
UDS-CMS-60	Prep. & Sub. Manhole covers and frames	5d	16-Nov-14 A	26-Nov-14 A		100%	100%															
UDS-CMS-60-RA	Review & Approval of Manhole covers and frames	21d	26-Nov-14 A	30-Nov-14 A		100%	100%															
UDS-CMS-70	Prep. & Sub. Pipe's supports	4d	01-Jan-15 A	05-Jan-15 A		100%	100%															
UDS-CMS-70-RA	Review & Approval of Pipe's supports	21d	05-Jan-15 A	11-Jan-15 A		100%	100%															
UDS-CMS-80	Prep. & Sub. Manhole Rungs	5d	08-Dec-14 A	10-Dec-14 A		100%	100%															
UDS-CMS-80-RA	Review & Approval of Manhole Rungs	21d	10-Dec-14 A	15-Dec-14 A		100%	100%															
UDS-CMS-90	Prep. & Sub. Asphalt Mix Design	7d	01-Dec-14 A	08-Dec-14 A		100%	100%															
UDS-CMS-90-RA	Review & Approval of Asphalt Mix Design	21d	08-Dec-14 A	10-Dec-14 A		100%	100%															
UDS-CMS-91	Prep. & Sub. Prime Coat and Tack Coat	4d	23-Mar-15 A	26-Mar-15 A		100%	100%															
UDS-CMS-91-RA	Review & Approval of Prime Coat and Tack Coat	21d	26-Mar-15 A	26-Mar-15 A		100%	100%															
Electrical Material Submittals		122d	10-Nov-14 A	06-May-15	110d	0%	0%	06-May-15: Electrical Material...														
UDS-EMS-10	Prep. & Sub. Pressure differential switches	9d	06-Dec-14 A	29-Jan-15 A		100%	100%															
UDS-EMS-10-RA	Review & Approval of Pressure differential switches	21d	29-Jan-15 A	04-Feb-15 A		100%	100%															
UDS-EMS-20	Prep. & Sub. Antenna gsm / gprs Modem	5d	31-Mar-15	05-Apr-15	111d	100%	0%															
UDS-EMS-20-RA	Review & Approval of Antenna gsm / gprs Modem	21d	06-Apr-15	06-May-15	91d	100%	0%															
UDS-EMS-30	Prep. & Sub. Cathode protection: Anodes, Test Stations	5d	11-Dec-14 A	14-Dec-14 A		100%	100%															
UDS-EMS-30-RA	Review & Approval of Cathode protection: Anodes, Test Stations	21d	14-Dec-14 A	29-Dec-14 A		100%	100%															
UDS-EMS-40	Prep. & Sub. Cathode protection: Accessories, flanges insulating kit and Link Seal	5d	11-Dec-14 A	14-Dec-14 A		100%	100%															
UDS-EMS-40-RA	Review & Approval of Cathode protection: Accessories, flanges insulating kit and Link Seal	21d	14-Dec-14 A	29-Dec-14 A		100%	100%															
UDS-EMS-50	Prep. & Sub. Pressure Transmitters	5d	30-Nov-14 A	08-Dec-14 A		100%	100%															
UDS-EMS-50-RA	Review & Approval of Pressure Transmitters	21d	08-Dec-14 A	22-Dec-14 A		100%	100%															
UDS-EMS-60	Prep. & Sub. Magnetic flow-meters	5d	06-Dec-14 A	21-Jan-15 A		100%	100%															
UDS-EMS-60-RA	Review & Approval of Magnetic flow-meters	21d	21-Jan-15 A	03-Feb-15 A		100%	100%															
UDS-EMS-70	Prep. & Sub. Magnetic flow-meters for Al-Safi	5d	10-Nov-14 A	13-Nov-14 A		100%	100%															
UDS-EMS-70-RA	Review & Approval of Magnetic flow-meters for Al-Safi	21d	13-Nov-14 A	25-Nov-14 A		100%	100%															
Method Statement		136d	10-Nov-14 A	06-May-15	119d	0%	0%	06-May-15: Method Statement														
UDS-MS-009	Prep. & Sub. Method statement for testing of existing pipeline	5d	04-Dec-14 A	27-Dec-14 A		100%	100%															
UDS-MS-009-RA	Review & Approval of Method statement for testing of existing pipeline	21d	27-Dec-14 A	05-Jan-15 A		100%	100%															
UDS-MS-010	Prep. & Sub. Pipeline installation method statement	5d	10-Nov-14 A	03-Dec-14 A		100%	100%															
UDS-MS-010-RA	Review & Approval of Pipeline installation method statement	21d	03-Dec-14 A	29-Dec-14 A		100%	100%															
UDS-MS-020	Prep. & Sub. Method Statement for Repairing Pipe Cement Mortar Lining	4d	17-Nov-14 A	25-Jan-15 A		100%	100%															
UDS-MS-020-RA	Review & Approval of Method Statement for Repairing Pipe Cement Mortar Lining	21d	25-Jan-15 A	29-Jan-15 A		100%	100%															
UDS-MS-030	Prep. & Sub. Method Statement for Radiographic Testing and safety plan	5d	22-Nov-14 A	25-Jan-15 A		100%	100%															
UDS-MS-030-RA	Review & Approval of Method Statement for Radiographic Testing and safety plan	21d	25-Jan-15 A	27-Jan-15 A		100%	100%															
UDS-MS-040	Prep. & Sub. Cathode protection: Installation method statement and Shop Drawing	5d	01-Feb-15 A	05-Feb-15 A		100%	100%															
UDS-MS-040-RA	Review & Approval of Cathode protection: Installation method statement and Shop Drawing	21d	05-Feb-15 A	08-Apr-15	-13d	100%	70%															
UDS-MS-050	Prep. & Sub. Coating procedure for exposed and/or inside manhole pipes and fittings	5d	06-Dec-14 A	27-Dec-14 A		100%	100%															
UDS-MS-050-RA	Review & Approval of Coating procedure for exposed and/or inside manhole pipes and fittings	21d	27-Dec-14 A	11-Jan-15 A		100%	100%															
UDS-MS-060	Prep. & Sub. Method Statement for Pipeline Testing and Disinfection	5d	31-Mar-15	05-Apr-15	106d	100%	0%															
UDS-MS-060-RA	Review & Approval of Method Statement for Pipeline Testing and Disinfection	21d	06-Apr-15	06-May-15	98d	100%	0%															
Miscellaneous		165d	16-Nov-14 A	14-Jun-15	90d	0%	0%	14-Jun-15: Miscellaneous														
UDS-MIS-10	Prep. & Sub. Welding Procedure	5d	16-Nov-14 A	12-Feb-15 A		100%	100%															
UDS-MIS-10-RA	Review & Approval of Welding Procedure	21d	12-Feb-15 A	04-Mar-15 A		100%	100%															

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

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Schedule % Complete	Performance % Complete	2015											
								Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
UDS-MIS-30	Prep. & Sub. Identification Tape	5d	16-Nov-14 A	22-Dec-14 A		100%	100%	[Gantt bar: Nov 16 - Dec 22]											
UDS-MIS-30-RA	Review & Approval of Identification Tape	21d	22-Dec-14 A	29-Dec-14 A		100%	100%	[Gantt bar: Dec 22 - Dec 29]											
UDS-MIS-50	Prep. & Sub. Water Quality Testing Lab	5d	31-Mar-15	05-Apr-15	106d	100%	0%	[Gantt bar: Mar 31 - Apr 5]											
UDS-MIS-50-RA	Review & Approval of Water Quality Testing Lab	21d	06-Apr-15	06-May-15	87d	100%	0%	[Gantt bar: Apr 6 - May 6]											
UDS-MIS-60	Prep. & Sub. Welding testing Labs e.g. Arc-Eyes (Visual) & Morex (RT)	5d	16-Nov-14 A	09-Dec-14 A		100%	100%	[Gantt bar: Nov 16 - Dec 9]											
UDS-MIS-60-RA	Review & Approval of Welding testing Labs e.g. Arc-Eyes (Visual) & Morex (RT)	21d	09-Dec-14 A	16-Dec-14 A		100%	100%	[Gantt bar: Dec 9 - Dec 16]											
UDS-MIS-70	Prep. & Sub. Proposed Welders for Welders Qualification Test - CVs	5d	17-Feb-15 A	28-Feb-15 A		100%	100%	[Gantt bar: Feb 17 - Feb 28]											
UDS-MIS-70-RA	Review & Approval of Proposed Welders for Welders Qualification Test - CVs	21d	28-Feb-15 A	09-Mar-15 A		100%	100%	[Gantt bar: Feb 28 - Mar 9]											
UDS-MIS-80	Prep. & Sub. Training Submittal (Qualification and Material)	5d	11-May-15	16-May-15	91d	0%	0%	[Gantt bar: May 11 - May 16]											
UDS-MIS-80-RA10	Review & Approval of Training Submittal (Qualification and Material)	21d	17-May-15	14-Jun-15	75d	0%	0%	[Gantt bar: May 17 - Jun 14]											
Procurement		113d	17-Dec-14 A	28-May-15	38d	0%	0%	[Summary bar: Dec 17 - May 28]											
PRO-01	Order of 500 mm, 350mm, 150mm, 80mm Steel Pipes	2d	17-Dec-14 A	18-Dec-14 A		100%	100%	[Gantt bar: Dec 17 - Dec 18]											
PRO-1020	Manufacturing of 500 mm, 350mm, 150mm, 80mm Steel Pipes	50d	18-Dec-14 A	30-Mar-15 A		100%	100%	[Gantt bar: Dec 18 - Mar 30]											
PRO-1030	Delivery of 500 mm, 350mm, 150mm, 80mm Steel Pipes	2d	31-Mar-15 A	31-Mar-15	-8d	100%	50%	[Gantt bar: Mar 31 - Mar 31]											
PRO-1031	Order of Mechanical electrical fittings	2d	17-Jan-15 A	17-Feb-15 A		100%	100%	[Gantt bar: Jan 17 - Feb 17]											
PRO-1032	Manufacturing of Mechanical and electrical fittings	90d	17-Feb-15 A	10-May-15	38d	28.89%	70%	[Gantt bar: Feb 17 - May 10]											
PRO-1035	Delivery of Mechanical and electrical fittings	13d	11-May-15	28-May-15	38d	0%	0%	[Gantt bar: May 11 - May 28]											
Execution		282d	01-Dec-14 A	18-Nov-15	1d	14.81%	9%	[Summary bar: Dec 1 - Nov 18]											
Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A		246d	01-Dec-14 A	18-Nov-15	1d	11.77%	2.51%	[Summary bar: Dec 1 - Nov 18]											
Yatta Junction Traffic Control		86d	01-Dec-14 A	23-Apr-15	75d	60.53%	69.04%	[Summary bar: Dec 1 - Apr 23]											
E-R880	Implementation of Traffic Control Plan at Yatta Junction and Bani Naim reservoir	2d	25-Jan-15 A	15-Feb-15 A		100%	100%	[Gantt bar: Jan 25 - Feb 15]											
E-R890	Maintain of Traffic Control Plan at Yatta Junction and Bani Naim reservoir	83d	15-Feb-15 A	23-Apr-15	75d	77.11%	75.9%	[Gantt bar: Feb 15 - Apr 23]											
Yatta Junction and Bani Naim Reservoir Service Connection		46d	31-Jan-15 A	23-Apr-15	75d	55.42%	65.03%	[Summary bar: Jan 31 - Apr 23]											
E-R110	Construction of Flow Monitoring chamber as per detail M-VCFM at Yatta Junction (Yaqeen)	20d	31-Mar-15	23-Apr-15	75d	5%	0%	[Gantt bar: Mar 31 - Apr 23]											
E-R120	Construction of Two Check Valve chamber as per detail A/M-0001 at Yatta Junction	15d	24-Feb-15 A	19-Mar-15 A		100%	100%	[Gantt bar: Feb 24 - Mar 19]											
E-R130	Construction of Bani Naim Reservoir Connection Chamber as per Detail A/M-0002	20d	31-Jan-15 A	18-Feb-15 A		35%	100%	[Gantt bar: Jan 31 - Feb 18]											
Testing of Existing Pipeline		7d	01-Dec-14 A	03-Mar-15 A		100%	100%	[Summary bar: Dec 1 - Mar 3]											
E-T-01	Clean, disinfect and test existing 500 mm DIP pipeline from Halhoul Regional Reservoir to connection	7d	01-Dec-14 A	03-Mar-15 A		100%	100%	[Gantt bar: Dec 1 - Mar 3]											
Phase 1		56d	23-Mar-15 A	28-May-15	46d	71.08%	0%	[Summary bar: Mar 23 - May 28]											
E-R100	Implementation of Traffic Control Plan Phase 1	2d	23-Mar-15 A	31-Mar-15 A		100%	100%	[Gantt bar: Mar 23 - Mar 31]											
E-R850	Maintain of Traffic Control Plan Phase 1	42d	31-Mar-15 A	24-May-15	51d	43.24%	0%	[Gantt bar: Mar 31 - May 24]											
Pipeline segment from Station 1+000 to station 2+000		49d	31-Mar-15	28-May-15	46d	71.08%	0%	[Summary bar: Mar 31 - May 28]											
Dual Trench 500mm and 150mm Pipelines and chambers		49d	31-Mar-15	28-May-15	46d	73.22%	0%	[Summary bar: Mar 31 - May 28]											
E-R140	Cut-in Connect to existing 500mm DIP as per detail A/CD-0001and 6" pipe (Southern Connection)	5d	31-Mar-15	05-Apr-15	90d	100%	0%	[Gantt bar: Mar 31 - Apr 5]											
E-R150	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 1+000 to ST 2+000 includ. Cathode Protecti	20d	08-Apr-15	04-May-15	-15d	80%	0%	[Gantt bar: Apr 8 - May 4]											
E-R160	Construction of 150mm Gate Valve chamber at station 0+990	15d	12-May-15	28-May-15	46d	6.67%	0%	[Gantt bar: May 12 - May 28]											
E-R170	Construction of 500mm BFV chamber at station 1+010 (Bani Na'im BFV Chamber 1)	15d	12-May-15	28-May-15	46d	0%	0%	[Gantt bar: May 12 - May 28]											
E-R175	Construction of 200mm WO chamber at station 1+450 for 500mm pipe	15d	12-May-15	28-May-15	46d	0%	0%	[Gantt bar: May 12 - May 28]											
E-R176	Construction of 75mm WO chamber at station 1+448 for 150mm pipe	15d	12-May-15	28-May-15	46d	0%	0%	[Gantt bar: May 12 - May 28]											
E-R280	Construction of 150mm Gate Valve chamber at station 1+960	15d	06-May-15	24-May-15	51d	0%	0%	[Gantt bar: May 6 - May 24]											
E-R290	Construction of 500mm BFV chamber at station 1+960 (500mm isolation Chamber 1)	15d	06-May-15	24-May-15	51d	0%	0%	[Gantt bar: May 6 - May 24]											
80mm pipes and chambers		40d	11-Apr-15	28-May-15	46d	28.76%	0%	[Summary bar: Apr 11 - May 28]											
E-R180	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+065	1d	11-Apr-15	13-Apr-15	51d	100%	0%	[Gantt bar: Apr 11 - Apr 13]											
E-R190	Construction of 80mm Gate Valve chamber at station 1+065	15d	12-May-15	28-May-15	46d	0%	0%	[Gantt bar: May 12 - May 28]											
E-R200	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+360	1d	21-Apr-15	22-Apr-15	44d	100%	0%	[Gantt bar: Apr 21 - Apr 22]											
E-R210	Construction of 80mm Gate Valve chamber at station 1+360	15d	12-May-15	28-May-15	46d	0%	0%	[Gantt bar: May 12 - May 28]											
E-R220	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+440	1d	22-Apr-15	23-Apr-15	44d	100%	0%	[Gantt bar: Apr 22 - Apr 23]											
E-R230	Construction of 80mm Gate Valve chamber at station 1+440	15d	23-Apr-15	12-May-15	61d	0%	0%	[Gantt bar: Apr 23 - May 12]											
E-R240	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+820	1d	04-May-15	05-May-15	36d	0%	0%	[Gantt bar: May 4 - May 5]											
E-R250	Construction of 80mm Gate Valve chamber at station 1+820	15d	05-May-15	23-May-15	52d	0%	0%	[Gantt bar: May 5 - May 23]											
E-R260	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+960	1d	05-May-15	06-May-15	36d	0%	0%	[Gantt bar: May 5 - May 6]											
E-R270	Construction of 80mm Gate Valve chamber at station 1+960	15d	06-May-15	24-May-15	36d	0%	0%	[Gantt bar: May 6 - May 24]											
Phase 2		89d	04-May-15	30-Aug-15	63d	0%	0%	[Summary bar: May 4 - Aug 30]											

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

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Schedule % Complete	Performance % Complete	2015											
								Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Pipeline segment from Station 2+000 to station 3+000																			
E-R830	Implementation of Traffic Control Plan Phase 2	2d	04-May-15	06-May-15	-15d	0%	0%												
E-R860	Maintain of Traffic Control Plan Phase 2	87d	06-May-15	30-Aug-15	63d	0%	0%												
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 includ. Cathode Protecti	20d	06-May-15	30-May-15	-15d	0%	0%												
80mm pipes and chambers																			
E-R310	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 2+370	1d	17-May-15	18-May-15	41d	0%	0%												
E-R320	Construction of 80mm Gate Valve chamber at station 2+370	15d	24-May-15	10-Jun-15	36d	0%	0%												
Pipeline segment from Station 3+000 to station 4+000																			
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 includ. Cathode Protecti	20d	30-May-15	23-Jun-15	-15d	0%	0%												
E-R340	Construction of 150mm Gate Valve chamber at station 3+050	15d	02-Jun-15	20-Jun-15	52d	0%	0%												
E-R350	Construction of 500mm BFV chamber at station 3+050 (500mm isolation chamber 2)	15d	02-Jun-15	20-Jun-15	52d	0%	0%												
E-R360	Construction of 75mm AVAR chamber at station 3+144 for 150mm pipe	15d	04-Jun-15	23-Jun-15	50d	0%	0%												
E-R370	Construction of 100mm AVAR chamber at station 3+145 for 500mm pipe	15d	04-Jun-15	23-Jun-15	50d	0%	0%												
E-R400	Construction of Flow Meter Monitoring chamber at station 3+420	15d	09-Jun-15	01-Jul-15	46d	0%	0%												
E-R410	Construction of 75mm WO chamber at station 3+512 for 150mm pipe	15d	10-Jun-15	02-Jul-15	45d	0%	0%												
E-R420	Construction of 200mm WO chamber at station 3+513 for 500mm pipe	15d	10-Jun-15	02-Jul-15	45d	0%	0%												
E-R490	Construction of 75mm AVAR chamber at station 3+873 for 150mm pipe	15d	23-Jun-15	23-Jul-15	35d	0%	0%												
E-R500	Construction of 100mm AVAR chamber at station 3+872 for 500mm pipe	15d	23-Jun-15	23-Jul-15	35d	0%	0%												
E-R510	Construction of 75mm WO chamber at station 3+997.5 for 150mm pipe	15d	27-Jun-15	26-Jul-15	33d	0%	0%												
E-R520	Construction of 200mm WO chamber at station 4+000 for 500mm pipe	15d	27-Jun-15	26-Jul-15	33d	0%	0%												
80mm pipes and chambers																			
E-R380	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+245	1d	06-Jun-15	07-Jun-15	-12d	0%	0%												
E-R390	Construction of 80mm Gate Valve chamber at station 3+245	15d	07-Jun-15	27-Jun-15	-12d	0%	0%												
E-R430	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+530	1d	10-Jun-15	11-Jun-15	-4d	0%	0%												
E-R440	Construction of 80mm Gate Valve chamber at station 3+530	15d	27-Jun-15	26-Jul-15	-12d	0%	0%												
E-R450	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+570	1d	13-Jun-15	14-Jun-15	-5d	0%	0%												
E-R460	Construction of 80mm Gate Valve chamber at station 3+570	15d	26-Jul-15	12-Aug-15	-12d	0%	0%												
E-R470	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 3+860	1d	23-Jun-15	25-Jun-15	-12d	0%	0%												
E-R480	Construction of 80mm Gate Valve chamber at station 3+860	15d	12-Aug-15	30-Aug-15	-12d	0%	0%												
Phase 3																			
Pipeline segment from Station 4+000 to station 5+000																			
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 includ. Cathode Protecti	20d	23-Jun-15	29-Jul-15	-15d	0%	0%												
E-R560	Construction of 75mm AVAR chamber at station 4+391 for 150mm pipe	15d	30-Aug-15	16-Sep-15	-12d	0%	0%												
E-R570	Construction of 150mm AVAR chamber at station 4+390 for 500mm pipe	15d	06-Jul-15	01-Aug-15	28d	0%	0%												
E-R600	Construction of 150mm Gate Valve chamber at station 4+510	15d	12-Jul-15	04-Aug-15	25d	0%	0%												
E-R610	Construction of 500mm BFV chamber at station 4+510 (500mm isolation chamber 3)	15d	12-Jul-15	04-Aug-15	25d	0%	0%												
E-R640	Construction of 75mm WO chamber at station 4+604 for 150mm pipe	15d	15-Jul-15	06-Aug-15	23d	0%	0%												
E-R650	Construction of 200mm WO chamber at station 4+603 for 500mm pipe	15d	15-Jul-15	06-Aug-15	23d	0%	0%												
E-R660	Excavation, Bedding, Installation and Backfilling of 150mm steel pipeline from station 4+850 to station 4+865	2d	25-Jul-15	27-Jul-15	-4d	0%	0%												
E-R670	Construction of 150mm Gate Valve chamber at station 4+850	15d	27-Jul-15	13-Aug-15	17d	0%	0%												
E-R680	Construction of Al-Uddeisa Emergency Service Connection Chamber at Station 4+860 as per detail M-0004	20d	27-Jul-15	19-Aug-15	12d	0%	0%												
E-R690	Construction of 150mm Gate Valve chamber at station 4+865	15d	29-Jul-15	16-Aug-15	15d	0%	0%												
E-R700	Construction of 75mm AVAR chamber at station 4+904.5 for 150mm pipe	15d	29-Jul-15	16-Aug-15	15d	0%	0%												
E-R710	Construction of 150mm AVAR chamber at station 4+905.5 for 500mm pipe	15d	29-Jul-15	16-Aug-15	15d	0%	0%												
80mm pipes and chambers																			
E-R540	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+110	1d	01-Jul-15	02-Jul-15	-15d	0%	0%												
E-R550	Construction of 80mm Gate Valve chamber at station 4+110	15d	02-Jul-15	29-Jul-15	-15d	0%	0%												
E-R580	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 4+450	1d	12-Jul-15	14-Jul-15	-6d	0%	0%												

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

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Schedule % Complete	Performance % Complete	2015														
								Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov		
E-S-60	Installation of Tank Connection as per Detail CD-0001	7d	11-Mar-15 A	05-Apr-15	135d	0%	30.01%															
E-S-65	Pipe Marking	5d	05-Apr-15	11-Apr-15	143d	0%	0%															
SCADA Programming		7d	14-Jun-15	23-Jun-15	78d	0%	0%															
E-S-70	Instrumentation and Power Wiring for Flow and Pressure Transmitters	5d	14-Jun-15	20-Jun-15	78d	0%	0%															
E-S-80	PLC/ RTU and SCADA Programming	2d	20-Jun-15	23-Jun-15	78d	0%	0%															
Testing, Training and Commissioning		39d	28-May-15	27-Jul-15	78d	0%	0%															
E-S-090	Cleaning, washing, hydraulic test and disinfection for the entire pipelines in AISafi	3d	14-Jun-15	17-Jun-15	87d	0%	0%															
E-S-100	Site inspection/ Support/ Start up (Precommissioning)	10d	02-Jul-15	23-Jul-15	78d	0%	0%															
E-S-110	Training	9d	09-Jul-15	27-Jul-15	78d	0%	0%															
E-S-120	O&M Technical Manuals	20d	28-May-15	21-Jun-15	84d	0%	0%															
E-S-90	Testing and Commissioning of Electrical and Control System and Equipment	5d	23-Jun-15	02-Jul-15	78d	0%	0%															
Post Construction Phase		23d	22-Oct-15	18-Nov-15	-16d	0%	0%															
Post Construction Submittals		23d	22-Oct-15	18-Nov-15	-16d	0%	0%															
PCS1000	Warranties	5d	03-Nov-15	09-Nov-15	-15d	0%	0%															
PCS1010	Site Hand over and Final Acceptance Certificate	2d	14-Nov-15	17-Nov-15	-15d	0%	0%															
PCS1020	Final Report	5d	03-Nov-15	09-Nov-15	-8d	0%	0%															
PCS1030	Final Operation and Maintenance O&M Manual	4d	22-Oct-15	27-Oct-15	3d	0%	0%															
PCS1040	As-Built Drawings	5d	22-Oct-15	28-Oct-15	2d	0%	0%															
PCS1050	Spare Parts	5d	22-Oct-15	28-Oct-15	2d	0%	0%															
PCS1060	Release of Liens and Waiver of Debts and Claims letter	3d	14-Nov-15	18-Nov-15	-15d	0%	0%															
PCS1070	Preparation of Final Payment	3d	14-Nov-15	18-Nov-15	-15d	0%	0%															
PCS1080	Training Completion Documents	4d	09-Nov-15	14-Nov-15	-15d	0%	0%															
PCS1090	Clearance Certificate from Local Authorities	3d	16-Nov-15	18-Nov-15	-13d	0%	0%															
PCS1100	Demobilization	2d	17-Nov-15	18-Nov-15	-16d	0%	0%															

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



Annex K:

One Month Look ahead Schedule

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015											
						Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Biweekly Ras Al Tawil & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi Booster Station						18-Nov-15											
Milestones						18-Nov-15											
Intermediate Milestones						18-Nov-15											
UDS-IA-46	Project Duration	275d	04-Nov-14 A	18-Nov-15	-16d	18-Nov-15											
Construction Phase						24-May-15, Construction Phase											
Construction Submittals						12-May-15, Construction Submit...											
Shopdrawing submittals						12-May-15, Shopdrawing submitt...											
Water Pipeline Shopdrawing						06-Apr-15, Water Pipeline Shop...											
500mm, 150mm and 80mm Pipes						06-Apr-15, 500mm, 150mm and 80...											
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	21d	11-Feb-15 A	06-Apr-15	8d	Review & Approval of Shop draw...											
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	21d	11-Feb-15 A	06-Apr-15	24d	Review & Approval of Shop draw...											
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+000	21d	11-Feb-15 A	06-Apr-15	41d	Review & Approval of Shop draw...											
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	21d	11-Feb-15 A	06-Apr-15	64d	Review & Approval of Shop draw...											
Civil Shopdrawing						12-May-15, Civil Shopdrawing											
UDS-CS-260	Prep. & Sub. Shop drawing for Roads	10d	31-Mar-15	11-Apr-15	125d	Prep. & Sub. Shop drawing for ...											
UDS-CS-260 R&A	Review & Approval of Shop drawing for Roads	21d	13-Apr-15	12-May-15	103d	Review & Approval of Shop draw...											
UDS-CS-270	Prep. & Sub. Shop drawing for Formwork	8d	31-Mar-15	08-Apr-15	46d	Prep. & Sub. Shop drawing for ...											
UDS-CS-270 R&A	Review & Approval of Shop drawing for Formwork	21d	09-Apr-15	11-May-15	38d	Review & Approval of Shop draw...											
Material Submittals						06-May-15, Material Submittals											
Electrical Material Submittals						06-May-15, Electrical Material...											
UDS-EMS-20	Prep. & Sub. Antenna gsm / gprs Modem	5d	31-Mar-15	05-Apr-15	111d	Prep. & Sub. Antenna gsm / gpr...											
UDS-EMS-20-RA	Review & Approval of Antenna gsm / gprs Modem	21d	06-Apr-15	06-May-15	91d	Review & Approval of Antenna g...											
Method Statement						06-May-15, Method Statement											
UDS-MS-040-RA	Review & Approval of Cathode protection: Installation method statement and Shop Drawing	21d	05-Feb-15 A	08-Apr-15	-13d	Review & Approval of Cathode p...											
UDS-MS-060	Prep. & Sub. Method Statement for Pipeline Testing and Disinfection	5d	31-Mar-15	05-Apr-15	106d	Prep. & Sub. Method Statement ...											
UDS-MS-060-RA	Review & Approval of Method Statement for Pipeline Testing and Disinfection	21d	06-Apr-15	06-May-15	98d	Review & Approval of Method St...											
Miscellaneous						06-May-15, Miscellaneous											
UDS-MIS-50	Prep. & Sub. Water Quality Testing Lab	5d	31-Mar-15	05-Apr-15	106d	Prep. & Sub. Water Quality Tes...											
UDS-MIS-50-RA	Review & Approval of Water Quality Testing Lab	21d	06-Apr-15	06-May-15	87d	Review & Approval of Water Qua...											
Procurement						10-May-15, Procurement											
PRO-1030	Delivery of 500 mm, 350mm, 150mm, 80mm Steel Pipes	2d	31-Mar-15 A	31-Mar-15	-8d	Delivery of 500 mm, 350mm, 150...											
PRO-1032	Manufacturing of Mechanical and electrical fittings	90d	17-Feb-15 A	10-May-15	38d	Manufacturing of Mechanical an...											
Execution						24-May-15, Execution											
Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A						24-May-15, Ras Al Taweel & Al ...											
Yatta Junction Traffic Control						23-Apr-15, Yatta Junction Traf...											
E-R890	Maintain of Traffic Control Plan at Yatta Junction and Bani Naim reservoir	83d	15-Feb-15 A	23-Apr-15	75d	Maintain of Traffic Control Pl...											
Yatta Junction and Bani Naim Reservoir Service Connection						23-Apr-15, Yatta Junction and ...											
E-R110	Construction of Flow Monitoring chamber as per detail M-VCFM at Yatta Junction (Yaqeen)	20d	31-Mar-15	23-Apr-15	75d	Construction of Flow Monitorin...											
Phase 1						24-May-15, Phase 1											
E-R100	Implementation of Traffic Control Plan Phase 1	2d	23-Mar-15 A	31-Mar-15 A		Implementation of Traffic Cont...											
E-R850	Maintain of Traffic Control Plan Phase 1	42d	31-Mar-15 A	24-May-15	51d	Maintain of Traffic Control Pl...											
Pipeline segment from Station 1+000 to station 2+000						12-May-15, Pipeline segment fr...											
Dual Trench 500mm and 150mm Pipelines and chambers						04-May-15, Dual Trench 500mm a...											
E-R140	Cut-in Connect to existing 500mm DIP as per detail A/CD-0001and 6" pipe (Southern Connection)	5d	31-Mar-15	05-Apr-15	90d	Cut-in Connect to existing 500...											
E-R150	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 1+000 to ST 2+000 includ. Cathode Protecti	20d	08-Apr-15	04-May-15	-15d	Exc., Bed., Install. and Backf...											
80mm pipes and chambers						12-May-15, 80mm pipes and cham...											
E-R180	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+065	1d	11-Apr-15	13-Apr-15	51d	Excavation, Bedding, Installat...											
E-R200	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+360	1d	21-Apr-15	22-Apr-15	44d	Excavation, Bedding, Installat...											
E-R220	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+440	1d	22-Apr-15	23-Apr-15	44d	Excavation, Bedding, Installat...											
E-R230	Construction of 80mm Gate Valve chamber at station 1+440	15d	23-Apr-15	12-May-15	61d	Construction of 80mm Gate Valv...											
Al Safi Booster Station - Phase I Pipeline Connection						11-Apr-15, Al Safi Booster Sta...											
Civil and Mechanical Work						11-Apr-15, Civil and Mechanica...											
E-S-60	Installation of Tank Connection as per Detail CD-0001	7d	11-Mar-15 A	05-Apr-15	135d	Installation of Tank Connectio...											
E-S-65	Pipe Marking	5d	05-Apr-15	11-Apr-15	143d	Pipe Marking											

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



Annex L:

Completed and in progress activities

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015											
						Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Biweekly Ras Al Tawil & Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi Booster Station						18-Nov-15											
Milestones						18-Nov-15											
General Milestones						04-Nov-14 A, General Milestone...											
UDS-A-001	Notice to Proceed (NTP)	0d	04-Nov-14 A			04-Nov-14 A, General Milestone... Notice to Proceed (NTP)											
Intermediate Milestones						18-Nov-15											
UDS-IA-01	Start of Mobilization	0d	04-Nov-14 A			Start of Mobilization											
UDS-IA-02	Finish of Mobilization	0d		17-Dec-14 A		Finish of Mobilization											
UDS-IA-03	Start of Pre-Construction Submittals	0d	04-Nov-14 A			Start of Pre-Construction Submittals											
UDS-IA-04	Finish of Pre-Construction Submittals	0d		23-Feb-15 A		Finish of Pre-Construction Submittals											
UDS-IA-05	Start of Construction Submittals	0d	10-Nov-14 A			Start of Construction Submittals											
UDS-IA-16	Start of Construction (Ground Breaking)	0d	31-Jan-15 A			Start of Construction (Ground Breaking)											
UDS-IA-20	Start of Construction of Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A	0d	31-Jan-15 A			Start of Construction of Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A											
UDS-IA-30	Start of Construction of Al Safi Booster Station - Phase I Pipeline Connection	0d	07-Feb-15 A			Start of Construction of Al Safi Booster Station - Phase I Pipeline Connection											
UDS-IA-46	Project Duration	275d	04-Nov-14 A	18-Nov-15	-16d	Project Duration											
PreConstruction Phase						26-Mar-15 A, PreConstruction Phase											
Construction Phase						24-May-15, Construction Phase											
Construction Submittals						12-May-15, Construction Submittals											
Shopdrawing submittals						12-May-15, Shopdrawing submittals											
Chambers Shopdrawing						10-Mar-15 A, Chambers Shopdrawing											
Water Pipeline Shopdrawing						06-Apr-15, Water Pipeline Shopdrawing											
500mm, 150mm and 80mm Pipes						06-Apr-15, 500mm, 150mm and 80mm											
UDS-CS-10	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 1+000 to Sta. 1+500	5d	04-Dec-14 A	14-Dec-14 A		Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 1+000 to Sta. 1+500											
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	21d	14-Dec-14 A	06-Jan-15 A		Review & Approval of Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 1+000 to Sta.1+500											
UDS-CS-20	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 1+500 to Sta.2+000	6d	10-Dec-14 A	27-Dec-14 A		Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 1+500 to Sta.2+000											
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	21d	27-Dec-14 A	06-Jan-15 A		Review & Approval of Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 1+500 to Sta.2+000											
UDS-CS-30	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 2+000 to Sta.3+000	6d	20-Dec-14 A	11-Feb-15 A		Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 2+000 to Sta.3+000											
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	21d	11-Feb-15 A	06-Apr-15	8d	Review & Approval of Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 2+000 to Sta.3+000											
UDS-CS-40	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 3+000 to Sta.4+000	6d	28-Dec-14 A	11-Feb-15 A		Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 3+000 to Sta.4+000											
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	21d	11-Feb-15 A	06-Apr-15	24d	Review & Approval of Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 3+000 to Sta.4+000											
UDS-CS-50	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 4+000 to Sta.5+000	6d	21-Jan-15 A	11-Feb-15 A		Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 4+000 to Sta.5+000											
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+000	21d	11-Feb-15 A	06-Apr-15	41d	Review & Approval of Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 4+000 to Sta.5+000											
UDS-CS-55	Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 5+000 to Sta.5+597	6d	21-Jan-15 A	11-Feb-15 A		Prep. & Sub. Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 5+000 to Sta.5+597											
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	21d	11-Feb-15 A	06-Apr-15	64d	Review & Approval of Shop drawing for 500 mm Main, 150mm and 80mm Pipeline from Sta. 5+000 to Sta.5+597											
Connect to the existing						09-Feb-15 A, 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)	10d	25-Jan-15 A	31-Jan-15 A		Prep. & Sub. Shop drawing for Cut-in Connect to existing 500mm DIP as per A/CD-0001 and 6" (Southern Connection)											
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)	21d	31-Jan-15 A	09-Feb-15 A		Review & Approval of Shop drawing for Cut-in Connect to existing 500mm DIP as per A/CD-0001 6" (Southern Connection)											
UDS-CS-250	Prep. & Sub. Shop drawing for Connect to Existing 500mm DIP as per detail B/CD-0001 (Northern Connection)	10d	25-Jan-15 A	31-Jan-15 A		Prep. & Sub. Shop drawing for Connect to Existing 500mm DIP as per detail B/CD-0001 (Northern Connection)											
UDS-CS-250 R&A	Review & Approval of Shop drawing for Connect to Existing 500mm DIP as per detail B/CD-0001 (Northern Connection)	21d	31-Jan-15 A	09-Feb-15 A		Review & Approval of Shop drawing for Connect to Existing 500mm DIP as per detail B/CD-0001 (Northern Connection)											
Civil Shopdrawing						12-May-15, Civil Shopdrawing											
UDS-CS-260	Prep. & Sub. Shop drawing for Roads	10d	31-Mar-15	11-Apr-15	125d	Prep. & Sub. Shop drawing for Roads											
UDS-CS-260 R&A	Review & Approval of Shop drawing for Roads	21d	13-Apr-15	12-May-15	103d	Review & Approval of Shop drawing for Roads											
UDS-CS-270	Prep. & Sub. Shop drawing for Formwork	8d	31-Mar-15	08-Apr-15	46d	Prep. & Sub. Shop drawing for Formwork											
UDS-CS-270 R&A	Review & Approval of Shop drawing for Formwork	21d	09-Apr-15	11-May-15	38d	Review & Approval of Shop drawing for Formwork											
Al-Safi Shopdrawing						25-Feb-15 A, Al-Safi Shopdrawing											
UDS-CS-280	Prep. & Sub. Shop drawing for connection of DN400 steel pipe to DN900 existing DIP	10d	10-Dec-14 A	25-Jan-15 A		Prep. & Sub. Shop drawing for connection of DN400 steel pipe to DN900 existing DIP											
UDS-CS-280 R&A	Review & Approval of Shop drawing for connection of DN400 steel pipe to DN900 existing DIP	21d	25-Jan-15 A	03-Feb-15 A		Review & Approval of Shop drawing for connection of DN400 steel pipe to DN900 existing DIP											
UDS-CS-290	Prep. & Sub. Shop drawing for Steel Pipe Tank Connection	10d	20-Jan-15 A	25-Jan-15 A		Prep. & Sub. Shop drawing for Steel Pipe Tank Connection											
UDS-CS-290 R&A	Review & Approval of Shop drawing for Steel Pipe Tank Connection	21d	25-Jan-15 A	03-Feb-15 A		Review & Approval of Shop drawing for Steel Pipe Tank Connection											
UDS-CS-300	Prep. & Sub. Shop drawing for Flow Monitoring & Flow Control Valve Assembly	12d	26-Jan-15 A	10-Feb-15 A		Prep. & Sub. Shop drawing for Flow Monitoring & Flow Control Valve Assembly											
UDS-CS-300 R&A	Review & Approval of Shop drawing for Flow Monitoring & Flow Control Valve Assembly	21d	10-Feb-15 A	25-Feb-15 A		Review & Approval of Shop drawing for Flow Monitoring & Flow Control Valve Assembly											
UDS-CS-310	Prep. & Sub. Shop drawing for 300mm and 400mm BFV chambers	6d	27-Jan-15 A	08-Feb-15 A		Prep. & Sub. Shop drawing for 300mm and 400mm BFV chambers											
UDS-CS-310 R&A	Review & Approval of Shop drawing for 300mm and 400mm BFV chambers	21d	08-Feb-15 A	10-Feb-15 A		Review & Approval of Shop drawing for 300mm and 400mm BFV chambers											
UDS-CS-320	Prep. & Sub. Shop drawing for Instrumentations	10d	25-Jan-15 A	01-Feb-15 A		Prep. & Sub. Shop drawing for Instrumentations											
UDS-CS-320 R&A	Review & Approval of Shop drawing for Instrumentations	21d	01-Feb-15 A	09-Feb-15 A		Review & Approval of Shop drawing for Instrumentations											

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015												
						Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Material Submittals						06-May-15, Material Submittals												
Mechanical Material Submittals						04-Mar-15 A, Mechanical Materi...												
UDS-MMS-010	Prep. & Sub. 500mm Steel Pipes	5d	16-Nov-14 A	02-Dec-14 A	110d													
UDS-MMS-010-RA	Review & Approval of 500 mm Steel Pipes	21d	02-Dec-14 A	08-Dec-14 A														
UDS-MMS-020	Prep. & Sub. Butterfly Valve	5d	16-Nov-14 A	07-Dec-14 A														
UDS-MMS-020-RA	Review & Approval of Butterfly Valve	21d	07-Dec-14 A	16-Dec-14 A														
UDS-MMS-030	Prep. & Sub. Gate Valve	5d	06-Dec-14 A	12-Jan-15 A														
UDS-MMS-030-RA	Review & Approval of Gate Valve	21d	12-Jan-15 A	20-Jan-15 A														
UDS-MMS-040	Prep. & Sub. Combination Air Valve	5d	22-Dec-14 A	18-Jan-15 A														
UDS-MMS-040-RA	Review & Approval of Combination Air Valve	21d	18-Jan-15 A	25-Jan-15 A														
UDS-MMS-050	Prep. & Sub. Check Valve	10d	22-Dec-14 A	22-Jan-15 A														
UDS-MMS-050-RA	Review & Approval of Check Valve	21d	22-Jan-15 A	03-Feb-15 A														
UDS-MMS-060	Prep. & Sub. Flow Control Valve	5d	26-Jan-15 A	18-Feb-15 A														
UDS-MMS-060-RA	Review & Approval of Flow Control Valve	21d	18-Feb-15 A	25-Feb-15 A														
UDS-MMS-070	Prep. & Sub. Pressure Relief Valve	10d	08-Dec-14 A	28-Jan-15 A														
UDS-MMS-070-RA	Review & Approval of Pressure Relief Valve	21d	28-Jan-15 A	03-Feb-15 A														
UDS-MMS-080	Prep. & Sub. Strainer	5d	22-Nov-14 A	27-Dec-14 A														
UDS-MMS-080-RA	Review & Approval of Strainer	21d	27-Dec-14 A	04-Jan-15 A														
UDS-MMS-090	Prep. & Sub. Combined flow control and Pressure Reducing Valve	5d	22-Dec-14 A	26-Jan-15 A														
UDS-MMS-090-RA	Review & Approval of Combined flow control and Pressure Reducing Valve	21d	26-Jan-15 A	29-Jan-15 A														
UDS-MMS-110	Prep. & Sub. Dismantling joints	5d	22-Nov-14 A	09-Dec-14 A														
UDS-MMS-110-RA	Review & Approval of Dismantling joints	21d	09-Dec-14 A	16-Dec-14 A														
UDS-MMS-120	Prep. & Sub. Mechanical coupling & socket adapters	5d	01-Dec-14 A	09-Dec-14 A														
UDS-MMS-120-RA	Review & Approval of Mechanical coupling & socket adapters	21d	09-Dec-14 A	16-Dec-14 A														
UDS-MMS-140	Prep. & Sub. Float (level) control valves	5d	29-Dec-14 A	31-Jan-15 A														
UDS-MMS-140-RA	Review & Approval of Float (level) control valves	21d	31-Jan-15 A	04-Feb-15 A														
UDS-MMS-150	Prep. & Sub. Flange Gaskets	5d	25-Dec-14 A	30-Dec-14 A														
UDS-MMS-150-RA	Review & Approval of Flange Gaskets	21d	30-Dec-14 A	04-Jan-15 A														
UDS-MMS-160	Prep. & Sub. Galvanized Malleable Iron Fittings Up to 2"	4d	17-Jan-15 A	20-Jan-15 A														
UDS-MMS-160-RA	Review & Approval of Galvanized Malleable Iron Fittings Up to 2"	21d	20-Jan-15 A	25-Jan-15 A														
UDS-MMS-170	Prep. & Sub. Bolts, studs, nuts, and washers	4d	11-Jan-15 A	17-Jan-15 A														
UDS-MMS-170-RA	Review & Approval of Bolts, studs, nuts, and washers	21d	17-Jan-15 A	25-Jan-15 A														
UDS-MMS-180	Prep. & Sub. Flanges	5d	01-Jan-15 A	05-Jan-15 A														
UDS-MMS-180-RA	Review & Approval of Flanges	21d	05-Jan-15 A	11-Jan-15 A														
UDS-MMS-190	Prep. & Sub. Pressure Gauge, ball valve, and snubber	5d	01-Jan-15 A	04-Jan-15 A														
UDS-MMS-190-RA	Review & Approval of Pressure Gauge, ball valve, and snubber	21d	04-Jan-15 A	11-Jan-15 A														
UDS-MMS-200	Prep. & Sub. Steel fittings (elbows, reducers, tees, etc)	5d	10-Jan-15 A	20-Jan-15 A														
UDS-MMS-200-RA	Review & Approval of Steel fittings (elbows, reducers, tees, etc)	21d	20-Jan-15 A	25-Jan-15 A														
UDS-MMS-210	Prep. & Sub. Heat Shrinkable for Steel Pipes	5d	15-Jan-15 A	25-Jan-15 A														
UDS-MMS-210-RA	Review & Approval of Heat Shrinkable for Steel Pipes	21d	25-Jan-15 A	02-Feb-15 A														
UDS-MMS-220	Prep. & Sub. Steel pipes marking Sample	4d	01-Dec-14 A	08-Dec-14 A														
UDS-MMS-220-RA	Review & Approval of Steel pipes marking Sample	21d	08-Dec-14 A	17-Dec-14 A														
UDS-MMS-230	Prep. & Sub. 450mm, 400mm. 350mm, 300mm, 250mm, 200mm, 150mm, 100mm, 80mm Steel Pipes	5d	15-Dec-14 A	22-Feb-15 A														
UDS-MMS-230-RA	Review & Approval of 450mm, 400mm. 350mm, 300mm, 250mm, 200mm, 150mm, 100mm, 80mm Steel Pipes	21d	22-Feb-15 A	04-Mar-15 A														
Civil Material Submittals						26-Mar-15 A, Civil Material Su...												
UDS-CMS-10	Prep. & Sub. Bedding Material	4d	04-Dec-14 A	07-Dec-14 A														
UDS-CMS-10-RA	Review & Approval of Bedding Material	21d	07-Dec-14 A	08-Dec-14 A														
UDS-CMS-20	Prep. & Sub. Single Size Backfilling Material	4d	01-Dec-14 A	07-Dec-14 A														
UDS-CMS-20-RA	Review & Approval of Single Size Backfilling Material	21d	07-Dec-14 A	08-Dec-14 A														
UDS-CMS-30	Prep. & Sub. Base Course	7d	18-Feb-15 A	28-Feb-15 A														
UDS-CMS-30-RA	Review & Approval of Base Course	21d	03-Mar-15 A	03-Mar-15 A														
UDS-CMS-40	Prep. & Sub. Concrete Mix Design	28d	01-Dec-14 A	08-Dec-14 A														
UDS-CMS-40-RA	Review & Approval of Concrete Mix Design	21d	08-Dec-14 A	10-Dec-14 A														
UDS-CMS-45	Prep. & Sub. Steel Reinforcement	4d	04-Dec-14 A	14-Dec-14 A														
UDS-CMS-45-RA	Review & Approval of Steel Reinforcement	21d	14-Dec-14 A	15-Dec-14 A														

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

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015														
						Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov		
UDS-CMS-50	Prep. & Sub. Bituminous Cold Material (for external coating for Concrete Chambers)	3d	17-Dec-14 A	27-Dec-14 A																
UDS-CMS-50-RA	Review & Approval of Bituminous Cold Material (for external coating for Concrete Chambers)	21d	27-Dec-14 A	11-Jan-15 A																
UDS-CMS-60	Prep. & Sub. Manhole covers and frames	5d	16-Nov-14 A	26-Nov-14 A																
UDS-CMS-60-RA	Review & Approval of Manhole covers and frames	21d	26-Nov-14 A	30-Nov-14 A																
UDS-CMS-70	Prep. & Sub. Pipe's supports	4d	01-Jan-15 A	05-Jan-15 A																
UDS-CMS-70-RA	Review & Approval of Pipe's supports	21d	05-Jan-15 A	11-Jan-15 A																
UDS-CMS-80	Prep. & Sub. Manhole Rungs	5d	08-Dec-14 A	10-Dec-14 A																
UDS-CMS-80-RA	Review & Approval of Manhole Rungs	21d	10-Dec-14 A	15-Dec-14 A																
UDS-CMS-90	Prep. & Sub. Asphalt Mix Design	7d	01-Dec-14 A	08-Dec-14 A																
UDS-CMS-90-RA	Review & Approval of Asphalt Mix Design	21d	08-Dec-14 A	10-Dec-14 A																
UDS-CMS-91	Prep. & Sub. Prime Coat and Tack Coat	4d	23-Mar-15 A	26-Mar-15 A																
UDS-CMS-91-RA	Review & Approval of Prime Coat and Tack Coat	21d	26-Mar-15 A	26-Mar-15 A																
Electrical Material Submittals		122d	10-Nov-14 A	06-May-15	110d	06-May-15, Electrical Material...														
UDS-EMS-10	Prep. & Sub. Pressure differential switches	9d	06-Dec-14 A	29-Jan-15 A																
UDS-EMS-10-RA	Review & Approval of Pressure differential switches	21d	29-Jan-15 A	04-Feb-15 A																
UDS-EMS-20	Prep. & Sub. Antenna gsm / gprs Modem	5d	31-Mar-15	05-Apr-15	111d															
UDS-EMS-20-RA	Review & Approval of Antenna gsm / gprs Modem	21d	06-Apr-15	06-May-15	91d															
UDS-EMS-30	Prep. & Sub. Cathode protection: Anodes, Test Stations	5d	11-Dec-14 A	14-Dec-14 A																
UDS-EMS-30-RA	Review & Approval of Cathode protection: Anodes, Test Stations	21d	14-Dec-14 A	29-Dec-14 A																
UDS-EMS-40	Prep. & Sub. Cathode protection: Accessories, flanges insulating kit and Link Seal	5d	11-Dec-14 A	14-Dec-14 A																
UDS-EMS-40-RA	Review & Approval of Cathode protection: Accessories, flanges insulating kit and Link Seal	21d	14-Dec-14 A	29-Dec-14 A																
UDS-EMS-50	Prep. & Sub. Pressure Transmitters	5d	30-Nov-14 A	08-Dec-14 A																
UDS-EMS-50-RA	Review & Approval of Pressure Transmitters	21d	08-Dec-14 A	22-Dec-14 A																
UDS-EMS-60	Prep. & Sub. Magnetic flow-meters	5d	06-Dec-14 A	21-Jan-15 A																
UDS-EMS-60-RA	Review & Approval of Magnetic flow-meters	21d	21-Jan-15 A	03-Feb-15 A																
UDS-EMS-70	Prep. & Sub. Magnetic flow-meters for Al-Safi	5d	10-Nov-14 A	13-Nov-14 A																
UDS-EMS-70-RA	Review & Approval of Magnetic flow-meters for Al-Safi	21d	13-Nov-14 A	25-Nov-14 A																
Method Statement		136d	10-Nov-14 A	06-May-15	119d	06-May-15, Method Statement														
UDS-MS-009	Prep. & Sub. Method statement for testing of existing pipeline	5d	04-Dec-14 A	27-Dec-14 A																
UDS-MS-009-RA	Review & Approval of Method statement for testing of existing pipeline	21d	27-Dec-14 A	05-Jan-15 A																
UDS-MS-010	Prep. & Sub. Pipeline installation method statement	5d	10-Nov-14 A	03-Dec-14 A																
UDS-MS-010-RA	Review & Approval of Pipeline installation method statement	21d	03-Dec-14 A	29-Dec-14 A																
UDS-MS-020	Prep. & Sub. Method Statement for Repairing Pipe Cement Mortar Lining	4d	17-Nov-14 A	25-Jan-15 A																
UDS-MS-020-RA	Review & Approval of Method Statement for Repairing Pipe Cement Mortar Lining	21d	25-Jan-15 A	29-Jan-15 A																
UDS-MS-030	Prep. & Sub. Method Statement for Radiographic Testing and safety plan	5d	22-Nov-14 A	25-Jan-15 A																
UDS-MS-030-RA	Review & Approval of Method Statement for Radiographic Testing and safety plan	21d	25-Jan-15 A	27-Jan-15 A																
UDS-MS-040	Prep. & Sub. Cathode protection: Installation method statement and Shop Drawing	5d	01-Feb-15 A	05-Feb-15 A																
UDS-MS-040-RA	Review & Approval of Cathode protection: Installation method statement and Shop Drawing	21d	05-Feb-15 A	08-Apr-15	-13d															
UDS-MS-050	Prep. & Sub. Coating procedure for exposed and/or inside manhole pipes and fittings	5d	06-Dec-14 A	27-Dec-14 A																
UDS-MS-050-RA	Review & Approval of Coating procedure for exposed and/or inside manhole pipes and fittings	21d	27-Dec-14 A	11-Jan-15 A																
UDS-MS-060	Prep. & Sub. Method Statement for Pipeline Testing and Disinfection	5d	31-Mar-15	05-Apr-15	106d															
UDS-MS-060-RA	Review & Approval of Method Statement for Pipeline Testing and Disinfection	21d	06-Apr-15	06-May-15	98d															
Miscellaneous		132d	16-Nov-14 A	06-May-15	106d	06-May-15, Miscellaneous														
UDS-MIS-10	Prep. & Sub. Welding Procedure	5d	16-Nov-14 A	12-Feb-15 A																
UDS-MIS-10-RA	Review & Approval of Welding Procedure	21d	12-Feb-15 A	04-Mar-15 A																
UDS-MIS-30	Prep. & Sub. Identification Tape	5d	16-Nov-14 A	22-Dec-14 A																
UDS-MIS-30-RA	Review & Approval of Identification Tape	21d	22-Dec-14 A	29-Dec-14 A																
UDS-MIS-50	Prep. & Sub. Water Quality Testing Lab	5d	31-Mar-15	05-Apr-15	106d															
UDS-MIS-50-RA	Review & Approval of Water Quality Testing Lab	21d	06-Apr-15	06-May-15	87d															
UDS-MIS-60	Prep. & Sub. Welding testing Labs e.g. Arc-Eyes (Visual) & Morex (RT)	5d	16-Nov-14 A	09-Dec-14 A																
UDS-MIS-60-RA	Review & Approval of Welding testing Labs e.g. Arc-Eyes (Visual) & Morex (RT)	21d	09-Dec-14 A	16-Dec-14 A																
UDS-MIS-70	Prep. & Sub. Proposed Welders for Welders Qualification Test - CVs	5d	17-Feb-15 A	28-Feb-15 A																
UDS-MIS-70-RA	Review & Approval of Proposed Welders for Welders Qualification Test - CVs	21d	28-Feb-15 A	09-Mar-15 A																
Procurement		113d	17-Dec-14 A	10-May-15	38d	10-May-15, Procurement														
PRO-01	Order of 500 mm, 350mm, 150mm, 80mm Steel Pipes	2d	17-Dec-14 A	18-Dec-14 A																

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

Biweekly Ras Al Tawil Al 'Uddeisa Water Infrastructure Phase 1A and Al Safi Booster Station			Classic Schedule Layout - Resource				2015												
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
PRO-1020	Manufacturing of 500 mm, 350mm, 150mm, 80mm Steel Pipes	50d	18-Dec-14 A	30-Mar-15 A															
PRO-1030	Delivery of 500 mm, 350mm, 150mm, 80mm Steel Pipes	2d	31-Mar-15 A	31-Mar-15	-8d														
PRO-1031	Order of Mechanical electrical fittings	2d	17-Jan-15 A	17-Feb-15 A															
PRO-1032	Manufacturing of Mechanical and electrical fittings	90d	17-Feb-15 A	10-May-15	38d														
Execution		230d	01-Dec-14 A	24-May-15	109d														
Ras Al Taweel & Al 'Uddeisa Water Infrastructure Phase 1A		103d	01-Dec-14 A	24-May-15	51d														
Yatta Junction Traffic Control		86d	01-Dec-14 A	23-Apr-15	75d														
E-R880	Implementation of Traffic Control Plan at Yatta Junction and Bani Naim reservoir	2d	25-Jan-15 A	15-Feb-15 A															
E-R890	Maintain of Traffic Control Plan at Yatta Junction and Bani Naim reservoir	83d	15-Feb-15 A	23-Apr-15	75d														
Yatta Junction and Bani Naim Reservoir Service Connection		46d	31-Jan-15 A	23-Apr-15	75d														
E-R110	Construction of Flow Monitoring chamber as per detail M-VCFM at Yatta Junction (Yaqeen)	20d	31-Mar-15	23-Apr-15	75d														
E-R120	Construction of Two Check Valve chamber as per detail A/M-0001 at Yatta Junction	15d	24-Feb-15 A	19-Mar-15 A															
E-R130	Construction of Bani Naim Reservoir Connection Chamber as per Detail A/M-0002	20d	31-Jan-15 A	18-Feb-15 A															
Testing of Existing Pipeline		7d	01-Dec-14 A	03-Mar-15 A															
E-T-01	Clean, disinfect and test existing 500 mm DIP pipeline from Halhoul Regional Reservoir to connection	7d	01-Dec-14 A	03-Mar-15 A															
Phase 1		44d	23-Mar-15 A	24-May-15	51d														
E-R100	Implementation of Traffic Control Plan Phase 1	2d	23-Mar-15 A	31-Mar-15 A															
E-R850	Maintain of Traffic Control Plan Phase 1	42d	31-Mar-15 A	24-May-15	51d														
Pipeline segment from Station 1+000 to station 2+000		34d	31-Mar-15	12-May-15	61d														
Dual Trench 500mm and 150mm Pipelines and chambers		27d	31-Mar-15	04-May-15	68d														
E-R140	Cut-in Connect to existing 500mm DIP as per detail A/CD-0001 and 6" pipe (Southern Connection)	5d	31-Mar-15	05-Apr-15	90d														
E-R150	Exc., Bed., Install. and Backfill. dual trench 500 & 150mm pipelines 1+000 to ST 2+000 includ. Cathode Protecti	20d	08-Apr-15	04-May-15	-15d														
80mm pipes and chambers		25d	11-Apr-15	12-May-15	61d														
E-R180	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+065	1d	11-Apr-15	13-Apr-15	51d														
E-R200	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+360	1d	21-Apr-15	22-Apr-15	44d														
E-R220	Excavation, Bedding, Installation and Backfilling of 80mm steel pipeline at station 1+440	1d	22-Apr-15	23-Apr-15	44d														
E-R230	Construction of 80mm Gate Valve chamber at station 1+440	15d	23-Apr-15	12-May-15	61d														
Al Safi Booster Station - Phase I Pipeline Connection		230d	01-Jan-15 A	11-Apr-15	143d														
COR-1120	Coordination with Engineer for the temporary outage of existing pipeline	14d	01-Jan-15 A	16-Jan-15 A															
Civil and Mechanical Work		180d	17-Jan-15 A	11-Apr-15	143d														
E-S-09	Fabrication of New 900 X 400 steel Tee	2d	17-Jan-15 A	05-Feb-15 A															
E-S-10	Disconnect the 900 DIP Main Pipeline and installation of New 900 X 400 steel Tee with Ductile Flanged Socket /	1d	07-Feb-15 A	07-Feb-15 A															
E-S-20	Installation of 400 mm Flanged dismantling Joint and 400mm Flanged Butterfly Valve including 400 mm steel pip	1d	07-Feb-15 A	07-Feb-15 A															
E-S-30	Construction of Conceret Pad as per detail S-190 - S-DT06 and Reconstruct Concrete wall and fence and Aspl	20d	10-Feb-15 A	07-Mar-15 A															
E-S-50	Installation of yard pipeline including Two BFV chambers , C-504/C-DT61	20d	09-Feb-15 A	08-Mar-15 A															
E-S-60	Installation of Tank Connection as per Detail CD-0001	7d	11-Mar-15 A	05-Apr-15	135d														
E-S-65	Pipe Marking	5d	05-Apr-15	11-Apr-15	143d														

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



Annex M:

Progress S-Curve versus Actual



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

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

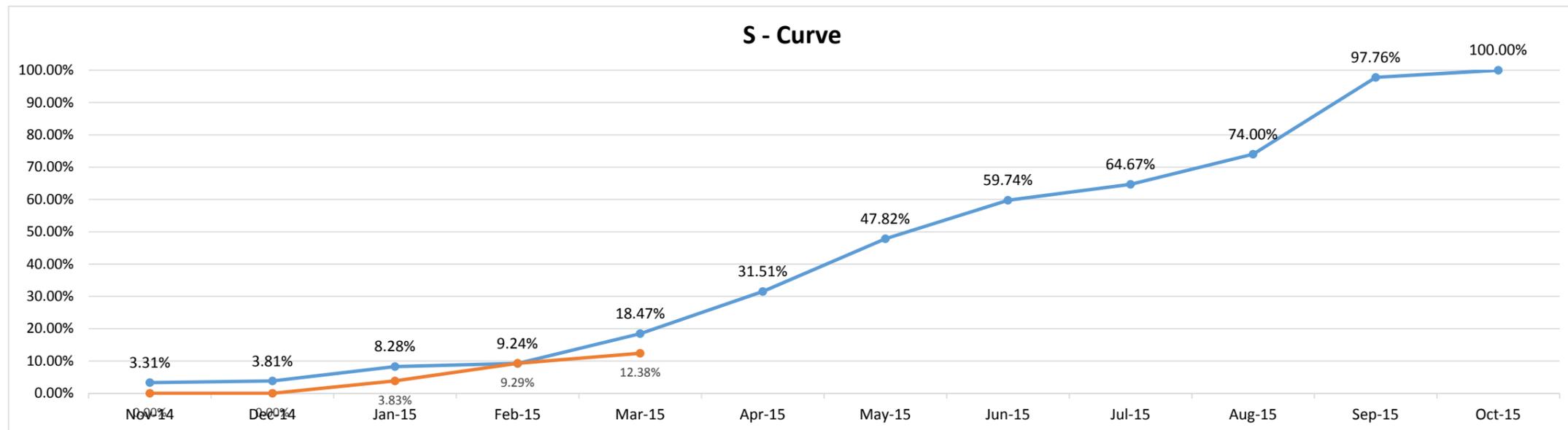
TASK ORDER NO. AID-294-TO-14-00002

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



Progress S-Curve

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



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



Annex N:

Approved Original CPM schedule and Narrative report



USAID
FROM THE AMERICAN PEOPLE

**UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT
WEST BANK / GAZA**

**LOCAL CONSTRUCTION PROGRAM
(LCP)**

CMC: BLACK & VEATCH

Original CPM Schedule Submittal

Prepared by:



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

Narrative report

1. Task Order Overview:

1.1. Background

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

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

1.2. Project Objective

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

1.3. Statement Of Work

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

1.4. Overview Map

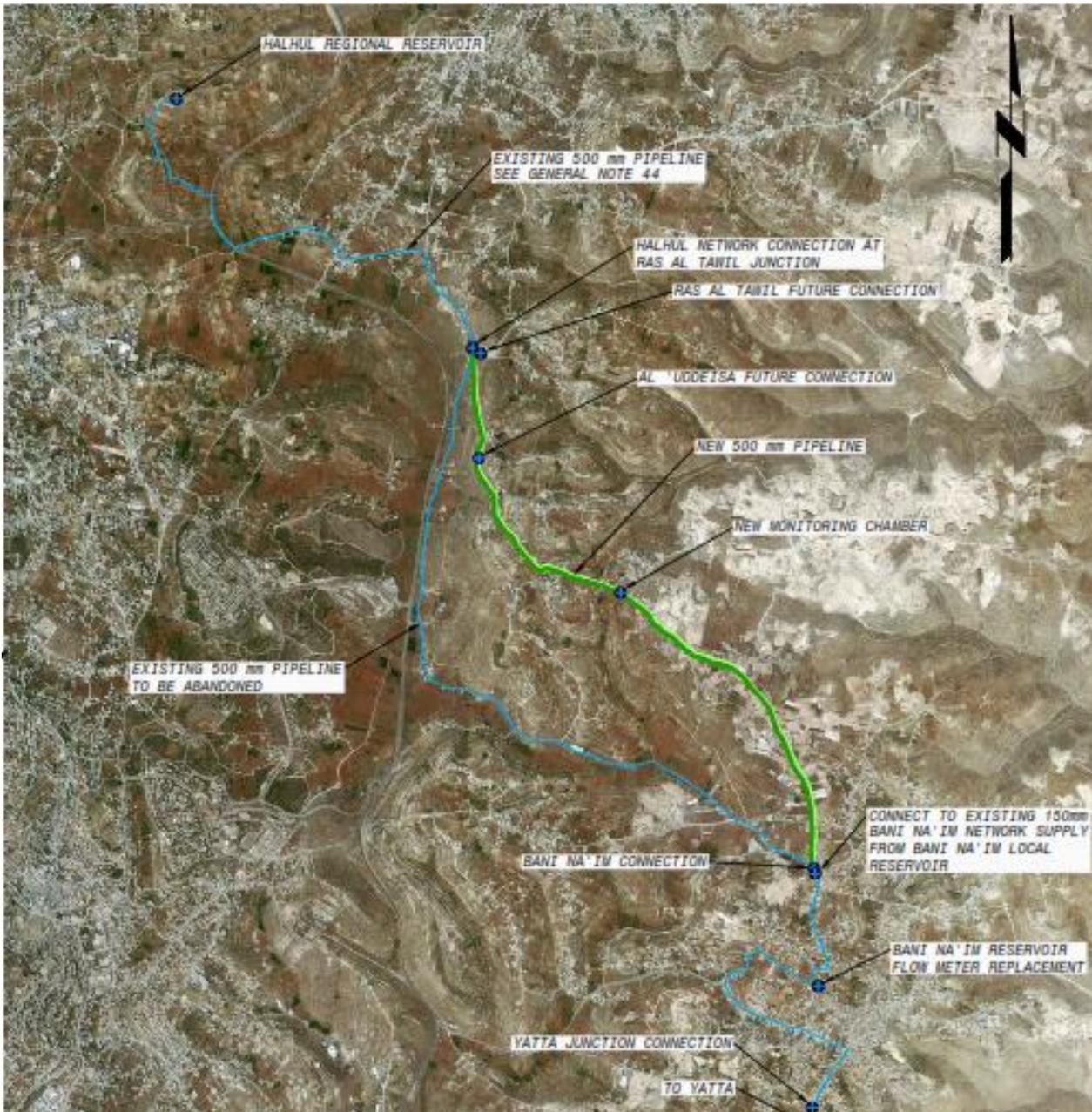
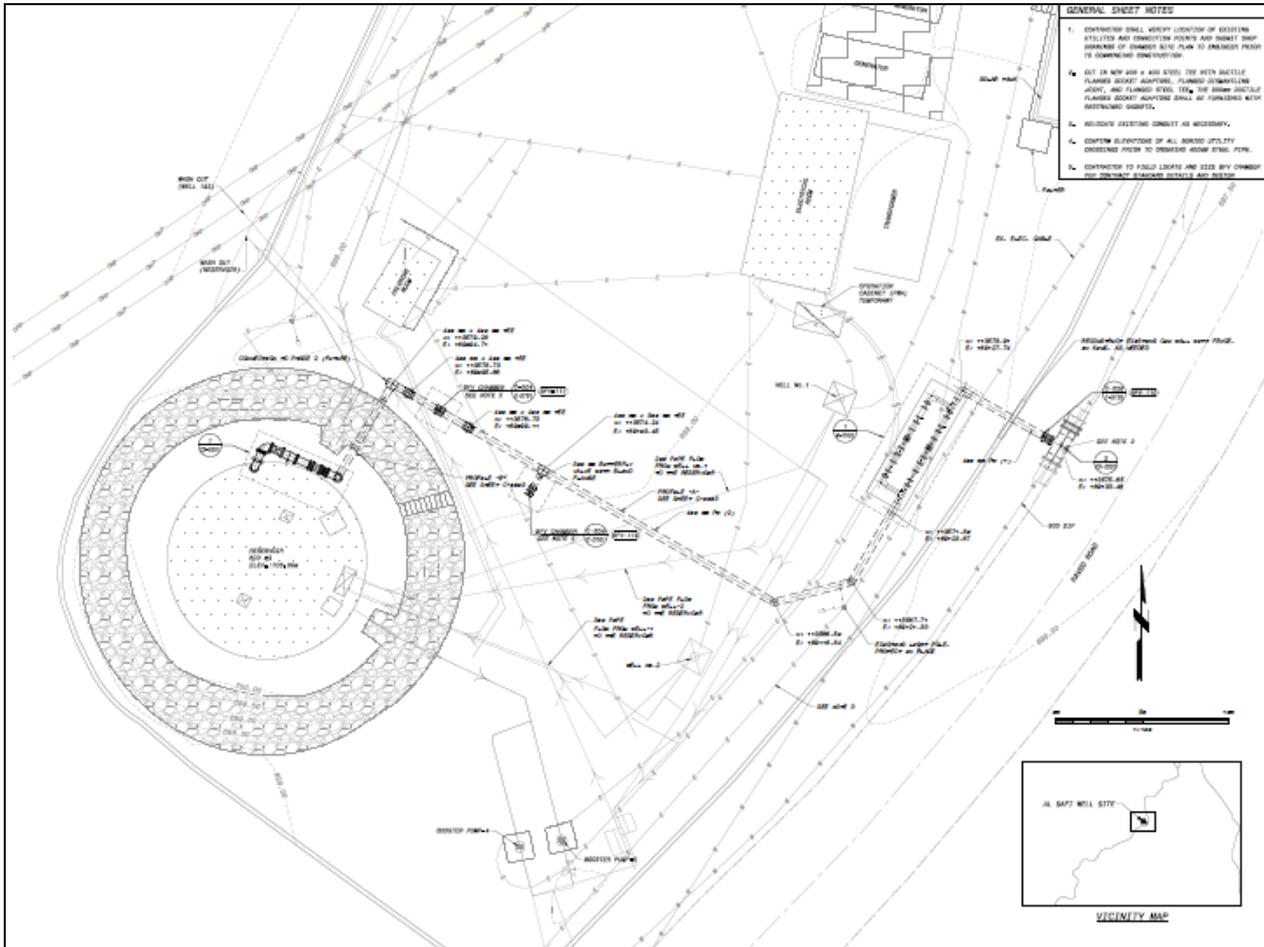


Figure 1: RAS AL TAWIL & AL 'UDEISA WATER INFRASTRUCTURE PHASE 1A



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



2. Task Order Key Data

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

3. Contract Milestones:

The contractual milestones are:

Start Milestone - Notice to Proceed: November 04, 2014

Finish Milestone - Project Completion: October 29, 2015

4. Permits

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

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

5. Project Construction Area

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

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

6. Traffic Control Plan

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

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

7. Safety Program:

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

8. Period of Performance

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

1. Task Order Constraints

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

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

9. SAK General approach and Work Plan

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 original Baseline schedule WBS.

10. Work Breakdown Structure WBS:

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

11. Work Groups and Crews:

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

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

1. Group 1: Transmission Pipelines group

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

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

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

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

2. Group 2: Instrumentations and SCADA

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

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

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

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



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																																					
Bedding & Backfilling		1																																					
Pipeline Installation and Cathode Protection		1	1							2	3	2																											2
Concrete Encasement																																							
Civil & Structural works for valves and connection Chambers		1		2	20		4	6	5		2	3				2		2		1																			
Mechanical works for valves and connection Chambers		1	1								1	2	3																									1	
Restoration, Cleaning Washing, Hydraulic/Weld testing & Disinfection		1											2	3																								2	

Table-2: Resources (Manpower and Equipm

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

12. Sequence of work and logic Network:

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

13. Critical Path activities

Critical Activities.....40

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

14. Scheduling assumptions

14.1. Project Constraint:

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

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

14.2. Activity Codes:

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

14.3. Calendars:

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

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

- Working Days: 7 days / week.
- Working Hours: 8 hours / day.
- UDSI - 6 Day Work: for Contractor's activities:
 - Working Days: 6 days / week
 - Working Hours: 8 hours / day
 - Weekly Holiday: Friday
 - Including local holidays listed below.
 - Including rainy days listed below.
- UDSI - 5 Day Work: for Engineer's activities:
 - Working Days: 5 days / week
 - Working Hours: 8 hours / day
 - Weekly Holiday: Friday and Saturday.
 - Including local holidays listed below.

- Working Hours (Normal): 8 hours / day,

- Working Hours during month of Ramadan: Saturday – Thursday, 5 hours / day,

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

- Official Palestinian Holidays:

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

- Weather Delays:

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

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

14.4. Duration Estimates:

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

Duration estimate based on the Productivity rates mentioned above.

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

14.5. Primavera Setting

A. Schedule Options:

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

B. Activity progress will be shown using Remaining Duration. Date format DDMMYY.

C. The Default activity type is “Independent Task”.

D. Date/time activity constraint(s): included in the original BL schedule as per executed task order Section F.5 REPORTS AND DELIVERABLES OR OUTPUTS.

14.6. Scheduling setting

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

 Calculate multiple float paths.....No

14.7. Scheduling Statistics:

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

Graphical Report for:
Critical Path Activities

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

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

Activity ID	Activity Name	Start	Finish	Critical	Total Float	2015												2016		
						Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
E-S-150	Training	15-Oct-15	22-Oct-15	☑	0.00															Training
E-S-174	Testing and Commissioning of the entire system	22-Oct-15	29-Oct-15	☑	0.00															Testing and Commis
Post Construction Phase		15-Oct-15	29-Oct-15		0.00															▼ 29-Oct-15, Post Co
Post Construction Submittals		15-Oct-15	29-Oct-15		0.00															▼ 29-Oct-15, Post Co
PCS1000	Warranties	15-Oct-15	21-Oct-15	☑	0.00															Warranties
PCS1010	Site Hand over and Final Acceptance Certificate	26-Oct-15	28-Oct-15	☑	0.00															Site Hand over and
PCS1060	Release of Liens and Waiver of Debts and Claims letter	26-Oct-15	29-Oct-15	☑	0.00															Release of Liens an
PCS1070	Preparation of Final Payment	26-Oct-15	29-Oct-15	☑	0.00															Preparation of Final
PCS1080	Training Completion Documents	21-Oct-15	26-Oct-15	☑	0.00															Training Completion
PCS1090	Clearance Certificate from Local Authorities	26-Oct-15	29-Oct-15	☑	0.00															Clearance Certificat

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

Report for:
Activities sorted by Early Start and Total Float

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

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

Report for:
Cost Loading and S-Curve



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

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

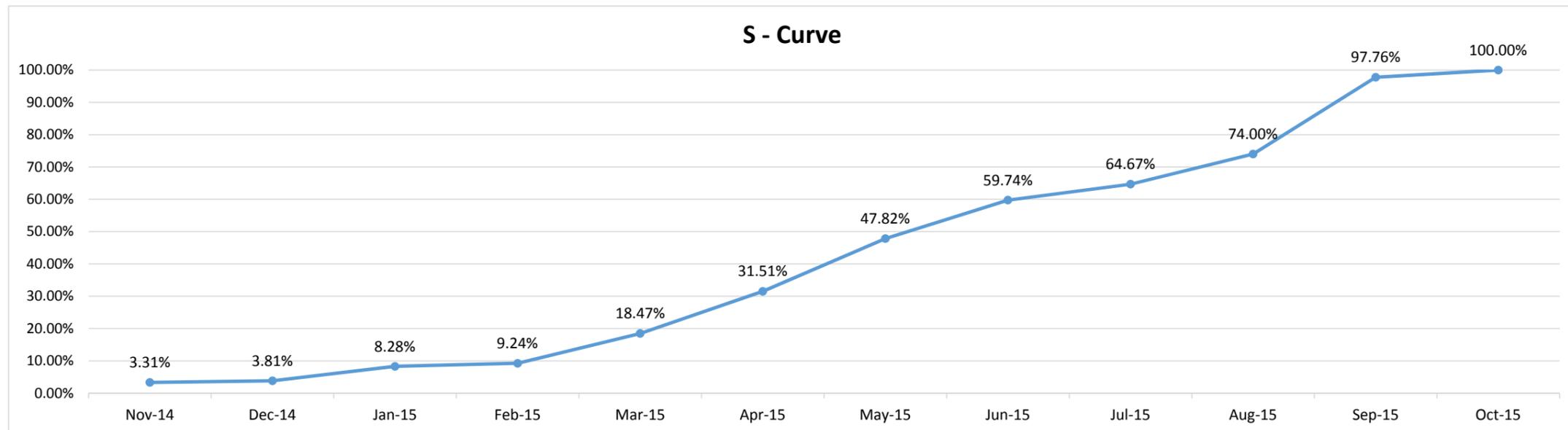
TASK ORDER NO. AID-294-TO-14-00002

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



Progress S-Curve

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



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