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Local Construction Program (LCP)
Task Order No.: AID-294-TO-15-000001
Contract No.: AID-294-I-00-13-00002

Hebron WWTP Access Road

MONTHLY PROGRESS REPORT

From May 01, 2015 to May 31, 2015

Prepared By:
SAQQA AND KHOUDARY CO. LTD.

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List of Abbreviations

CD	Calendar Day
CE	Chief Engineer
CEng	Contracts Engineer
CMC	Construction Management Contractor
CO	Contracting Officer
COB	Close of Business
COP	Chief of Party
COR	Contracting Officer Representative
CQC	Contractor Quality Control
CQCP	Contractor Quality Control Program
CRMP	Construction Risk Management Plan
CV	Curriculum Vita
DCL	District Civil Liaison
FO	Field Order
IQC	Indefinite Quantities Contract
MRR	Material Receiving Report
NCN	Non Compliance Notice
NUC	Notice of Unsafe Conditions
O&M	Operation and Maintenance
OSHA	Occupational Safety and Health Act (both Federal and State)
PA	Palestinian Authority
PCO	Project Control Officer
PIO	Public Information Officer
PM	Project Manager
PSU	Program Support Unit
PWA	Palestinian Water Authority
QA	Quality Assurance
QC	Quality Control
RE	Resident Engineers
RFI	Request For Information
RFTOP	Request for Task Order Proposal
SAK	Saqqa & Khoudary General Contracting co.
TO	Task Order
TOL	Task Order Leader
TOM	Task Order Manager
SOP	Standard Operating Procedure
USAID	United State Agency for International Development
VO	Variation Order
VOR	Variation Order Request
WBG	West Bank Gaza
WBWD	West Bank Water Department



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.

Roads 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.

1.2. Project Objective

The objective of this Task Order is to provide access to the proposed Hebron Regional Waste Water Treatment Plant (WWTP) located to the south of Hebron City. The access road is a key element of this important project which will yield substantial environmental, health, and resource benefits to the people of Hebron.

1.3. Statement Of Work

This project includes the following activities:

- Construction of an approximately 1.0 km two lane access road to the proposed Hebron WWTP including the following features:
 - Asphalted sidewalks/shoulders.
 - Box culverts.
 - Retaining structures.
 - Roadway marking signs and other road furnishings needed to satisfactorily complete the works.

- Rehabilitation of approximately 1.1 km of existing paved road including the following features:
 - Widening of the existing road
 - Asphaltting – Milling & Overlay

- Construction of water and sewer utilities as follows:
 - 2.0 km of 4 inch and 2 inch diameter water pipelines complete with associated valves, vaults, and accessories.
 - Construction of approximately 600 m of 60 inch diameter sewer pipe with manholes, outlet structures, and flow diversions.



1.4. Overview Map

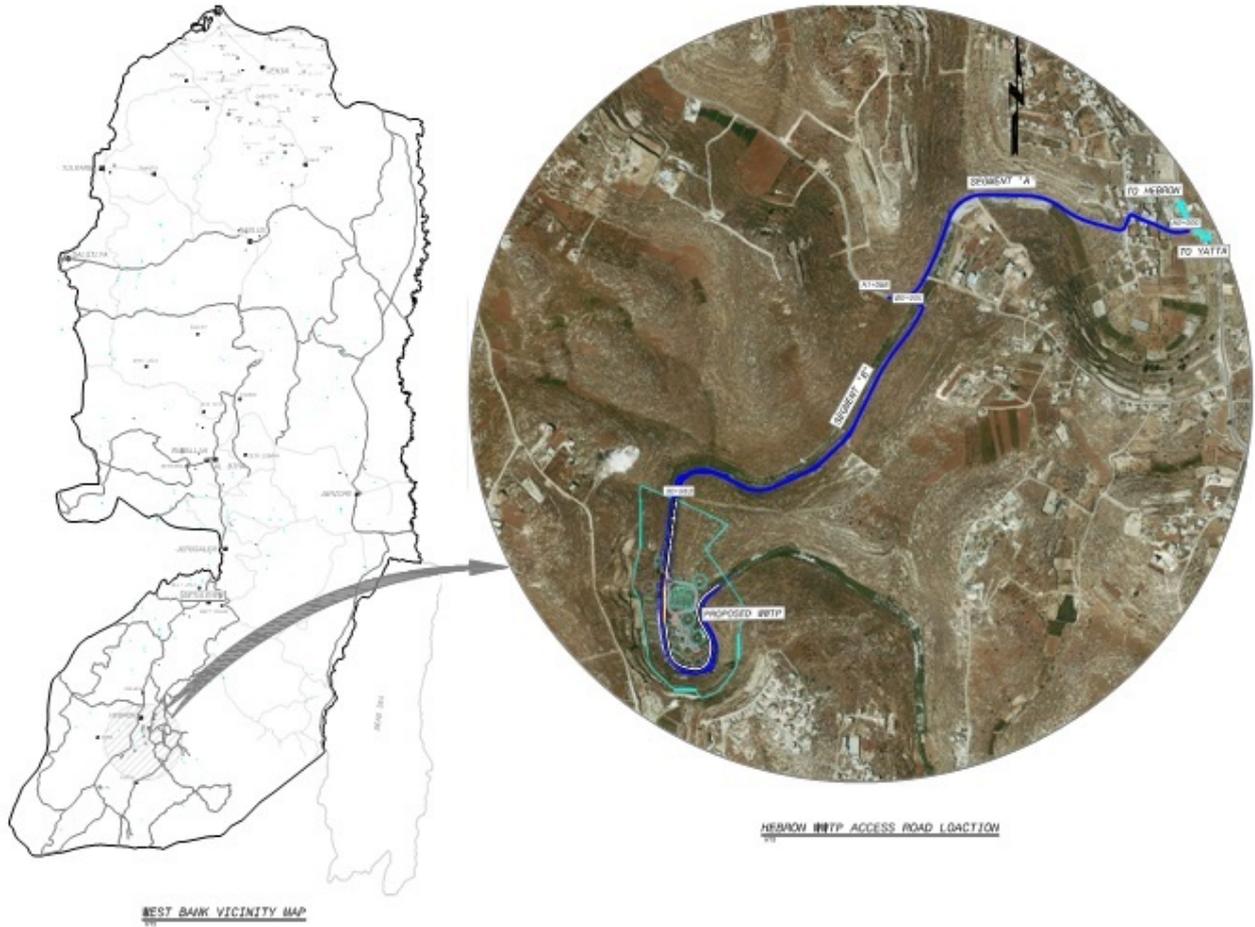


Figure 1: Hebron WWTP Access Road



Figure 2: Start of Segment A -Hebron WWTP Access Road



Figure 3: Start of Segment B and Storage Yard- Hebron WWTP Access Road



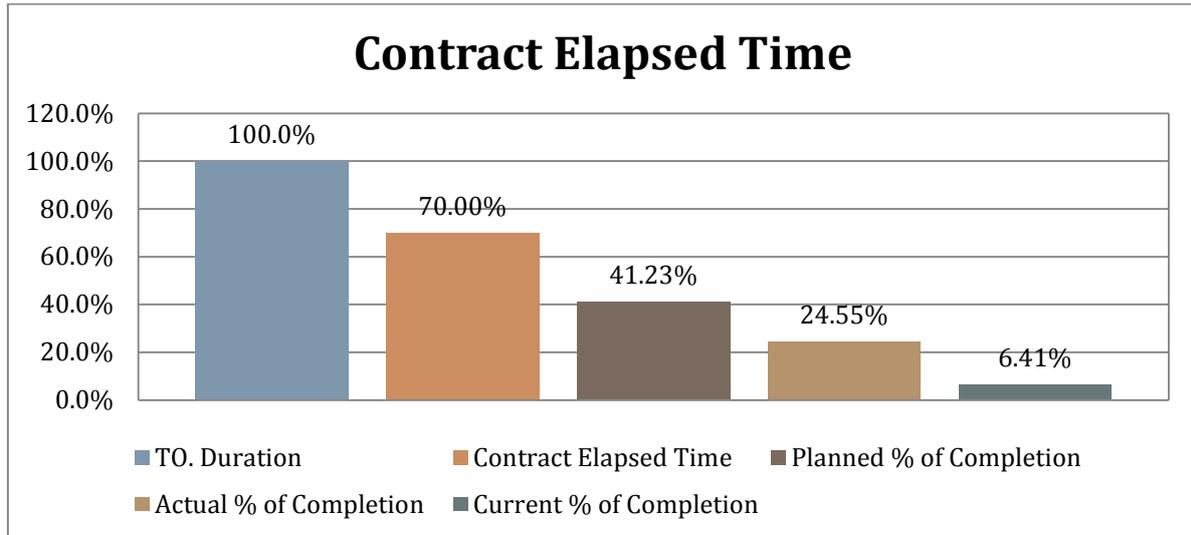
2. Task Order Key Data

Task Order Name	Hebron WWTP Access Road
Contract Number	AID-294-I-00-13-00002
Task Order Number	AID-294-TO-15-000001
Owner	Palestinian Ministry of Public Works & Housing
Client	USAID West Bank and Gaza
Contractor	Saqqa and Khoudary Co. Ltd. (SAK)
CMC	Black and Veatch (BV)
Task Order Contract Value	\$2,598,705.00
Project Total Amount	\$2,448,705.00
Day work amount	\$150,000.00
Modified Project Total Amount	---
Modified Day work Amount	---
Notice To Proceed	December 15, 2014
Period Of Performance	240 calendar day
Contractual Completion Date	August 11, 2015
Approved Time Extensions	---
Modified Completion Date	---
Estimated Completion Date	August 11, 2015
Start of Construction (Ground Breaking)	February 12, 2015
Project Key Personnel	Task Order Manager: Sameer K.El Khaldi
	Quality Control Manager: Mohammad A.Abu Zeina
	Safety &Environmental Compliance Officer: Omar M. Qasem Al Qaisi.
	Project Engineer: Sameer N.Tamimi
	Surveyor: Raafat Atef Abu Saymeh

3. Project Dashboard Status

Contract Elapsed Time as of May 31, 2015 [%]	70.00 %
Planned Percentage of Completion through May 31, 2015 [%]	41.23 %
Actual Percentage of Completion through May 31, 2015 [%]	24.55 %
Current percentage of completion through May 31, 2015 [%]	6.41 %
Float (Days)	(32) Negative

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



4. Safety Status

4.1. Safety Plan and Measures

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

Safety Plan was submitted on January 14, 2015 that consists of SAK's plan to implement and monitor safety measures before and during construction work. CMC reviewed the submittal and accepted it on February 01, 2015.

SAK submitted an updated Monthly Safety Plan to CMC on April 19, 2015 and it was returned with Action C- Revise and resubmit. Consequently; a revised updated Monthly Safety Plan was submitted to CMC on May 17, 2015 and accepted on May 28, 2015.

During this reporting period, SAK provided vaccination against hepatitis virus to all staff and workers in direct contact with raw sewer. SAK will ensure to provide vaccination for all new workers.

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

4.2. Safety Meetings

The following table summarizes the Safety Tool Box Meetings conducted during this reporting period.

Safety Tool Box Meeting Log			
No.	Meeting No.	Submitted Date	Subject
1	STBM-15-000001-HAR-006	May 13, 2015	PPE's, bites and stings issues and other safety issues
2	STBM-15-000001-HAR-007	May 17, 2015	PPE's , traffic monitoring and safety issues
3	STBM-15-000001-HAR-008	May 23, 2015	PPE's and safety issues
4	STBM-15-000001-HAR-009	May 30, 2015	PPE's and safety issues

4.3. Accident Status

Two accidents were reported during this reporting period. The first accident happened on April 08, 2015 for Noor Eddin Essa Amro where he was lifting steel barriers. The second accident occurred on April 25, 2015 for Abdu Rahim Mahmoud Sweity during helping in installing concrete barriers by a Winch (mobile crane).

During this reporting period, one accident was reported. It happened for Zakaria Abu Hlayyel on May 17, 2015 .While he was walking in site, he slipped and his finger was broken.

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 January 14, 2015 as one of the preconstruction submittals. The submitted submittal was accepted by CMC on February 01, 2015. SAK submitted an Updated Monthly Safety Plan to CMC on April 19, 2015 and it was returned with Action C- Revise and resubmit on April 23, 2015. Consequently; a revised updated Monthly Safety Plan was submitted to CMC on May 17, 2015 and was accepted on May 28, 2015.

5. Traffic Control

5.1. Traffic Control Plan

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

The Traffic Control Plan as per SUB-15-00001-HAR-040-A was submitted on January 18, 2015 and was accepted by CMC on January 27, 2015. It is divided into the following phases:

1. Segment B : (STA: 0+000 to STA: 1+056)

A detour or (Temporary access) has been made to facilitate entry to the construction area at segment B; the aforementioned detour was included in the updated safety plan. It starts from Sta. B0+060 to Sta. B0+900 near the right side of the proposed road.

The detour has been made for the project vehicles and equipments on site at segment B; however there will be no traffic movement in the construction zone and will be totally closed and all needed traffic signs and directional signs were provided.

2. Segment A: (STA: 0+000 to STA: 0+983)

The work has been conducted by separating the road into two sides by Steel barriers (as per RFI-002) for water pipeline works, and by concrete Jersey barriers for road excavation works with safety net, chevrons and warning lights. In addition to flagmen working to control traffic in all cases.

Traffic during all the project construction phases will be controlled from both sides; at least one flagman at each end of the phase, in addition to one flagman at the end of the road using walkie-talkie as a handheld transceiver to communicate between each other's along with the needed traffic signs to direct the traffic.

During this reporting period, the aforementioned traffic control plan has been implemented at both segments A and B. All traffic signs, directional signs and concrete jersey barriers with warning lights were installed; furthermore three flagmen had been worked to control traffic movement.

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

5.2. Traffic Control Measures

The required Traffic Control and Safety Measures were implemented during installing of safety traffic signs, steel barriers and during excavation work at both segments A & B.

6. Mitigation, Monitoring and Environmental Compliance

The Environmental Mitigation and Monitoring Plan submittal was submitted to the CMC on December 18, 2014 as one of preconstruction submittals. The CMC review the submittal and returned it with Action C- Revise and resubmit. Accordingly; a revised EMMP was submitted to the CMC on January 18, 2015 and it was also returned with Action C on February 03, 2015. Another revised MMEP was submitted to the CMC on March 08, 2015 and the CMC accepted it on March 15, 2015.

An Updated Monthly Mitigation and Monitoring Plan was submitted on April 19, 2015 to CMC and was returned with Action C- Revise and resubmit on April 23, 2015. Consequently; a revised Updated Monthly Mitigation and Monitoring Plan was submitted to CMC on May 26, 2015 and was accepted on May 28, 2015.

During this reporting period, SAK has worked to correct the environmental checklists received from CMC for April and May months.

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

7. Construction Risk Management

A comprehensive dilapidation survey along the project was carried out by Saqqa and Khoudary during January, 2015 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 30, 2014 for review and it was returned with Action C - Revise and resubmit. Accordingly; a revised CRMP was submitted to the CMC on January 22, 2015 and it was also returned with Action C on February 03, 2015; therefore Saqqa and Khoudary resubmitted it on February 18, 2015 and the CMC accepted it on February 24, 2015.

An Updated Monthly Construction Risk Management Plan was submitted on April 19, 2015 to CMC and was returned with Action A.

During this reporting period, there were no updates for Construction Risk Management Plan.

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

8. Community Outreach

As per signed executed task order contract, two temporary project signs should be furnished and installed on accepted locations. The required temporary signs were submitted and accepted as per SUB-15-000001-HAR-042-A. The accepted temporary signs were supplied and installed on the accepted locations on January 25, 2015.

Saqqa and Khoudary Co. Ltd. prepared the Project's Flyers and sent to USAID for approval on January 31, 2015. The approval was received on February 13, 2015; therefore the flyers were distributed to the public on February 15, 2015.

During this reporting period, there were no community outreach meetings.

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 December, 2014 and she is still working till this reporting period.

10. Meetings and Coordination activities

The following table summarizes the list of meetings and coordination activities carried out during this reporting period:

Coordination Meetings			
Date	Attendees	Subject	Description
May 04,2015	USAID – Kamal Kasbary B&V – Adnan Azzazmeh , Karim Al Husari, Monther Ramadan , Ashraf Msha'al, Subhi Zeidan , Wafa Amro SAK –Sameer Al Khaldi , Muwafaq Abu Zainah, Mohmad Abu Zeina,	Bi- Weekly Progress Meeting	Bi-Weekly progress meeting #8 was conducted at BV Site office.



	Ra'fat Abu Saymeh , Muna Al Shaer MoPWH- Mr. Mohammad Adawi		
May 14, 2015	Hebron Municipality – A'ed Taha BV- Monther Ramadan SAK- Sameer Al Khaldi	Land owners dispute	To discuss work stoppage
May 18,2015	USAID – Kamal Kasbary B&V – Adnan Safi,Monther Ramadan , Asharf Masha'al , Karim Husari , Wafa Amro,Subhi Zeidan. SAK –Sameer Al Khaldi , Muwafaq Abu Zainah , Mohamad Abu Zeineh, Muna Al Shaer , Ra'fat Abu Saymeh	Bi- Weekly Progress Meeting	Bi-Weekly progress meeting #9 was conducted at BV Site office.
May 21, 2015	Hebron Municipality – Tayseer Shwiki BV- Monther Ramadan SAK- Sameer Al Khaldi	Land owners dispute	To discuss work stoppage
May 25, 2015	Hebron Municipality – Tayseer Shwiki, A'ed Taha BV- Monther Ramadan SAK- Sameer Al Khaldi	Land owners dispute	To discuss work stoppage

11. Site Visits

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

Site Visits		
Date	Company	Location
May 03, 2015	Hebron Municipality – A'ed Taha	Site
May 04, 2015	MOPWH- Mr. Mohammad Adawi	Site
May 06,2015	Hebron Municipality – Marwan Al Akhdar , A'ed Taha	Site
May 18, 2015	Hebron Municipality – Tayseer Shwiki	Site

12. Procurement Status

12.1. Procurement activities:

Saqqa and khoudary ordered many items during this reporting period; 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/Actual delivery date
Anchors &Tools	May 05, 2015	May 20, 2015
Electrical welding extruder &Hot air welding torch Spark tester &HDPE lining	April 29, 2015	May 27, 2015



DN 100 ,DN 50 Flow meter	April 01, 2015	May 20, 2015
RW Steel Reinforcement	March 02, 2015	March 05, 2015
Hex bolts 70mm,82mm	March 18, 2015	June 06, 2015
RW Steel Reinforcement	March 18, 2015	March 21, 2015
RW Steel Reinforcement	March 23, 2015	March 26, 2015
Gaskets +KSB ball Valves	March 18, 2015	April 15, 2015
Pressure gauges +Sunbbers	March 18, 2015	May 20, 2015
Air release valves	March 22, 2015	April 16, 2015
Concrete manholes	February 26, 2015	March 23, 2015
Gate valves + dismantling joints	January 25, 2015	June 15, 2015
Traffic Signs	January 24, 2015	February 10 , 2015
2" Steel Pipe	October 27, 2015	January 26, 2015
4" Steel Pipe	October 27, 2015	January 26, 2015

12.2. Material and Equipment Delivered on Site

The following table consists of all materials delivered to the site during this reporting period:

Material Log		
Date	Material Delivered to Site	Quantity
Month : May , 2015		
May 1, 2015	None	None
May 2, 2015		
May 3, 2015	Somsom	40 m3
	Single Size	40 m3
May 4, 2015	Single Size	80 m3
May 5, 2015	Bitumen Protective Coating Material for Concrete Surfaces Nitoproof 15	8 PC
May 6, 2015	Filling Material	500 m3
May 7, 2015	Precast Water Manhole	2 PC
	Single Size	400 m3
May 8, 2015		
May 9, 2015	Water Manholes Covers	12 PC
	Single Size	400 m3
	Sewer Manholes Covers	14 PC
May 10, 2015	Single Size	60 m3
May 11, 2015	Single Size	200 m3
	Filling Material	200 m3
May 12, 2015	Single Size	140 m3
May 13, 2015	Single Size	120 m3
May 14, 2015	Single Size	120 m3
	Precast Water Manhole	2 PC
	Filling Material	150 m3
May 15, 2015		
May 16, 2015	Filling Material	400 m3



May 17, 2015	Filling Material	120 m3
May 18, 2015	None	None
May 19, 2015	Filling Material	200 m3
May 20, 2015	Filling Material	300 m3
May 21, 2015	Filling Material	120 m3
May 22, 2015		
May 23, 2015	Filling Material	200 m3
	Concrete B300	7 m3
May 24, 2015	Single Size	100 m3
	Somsom	100 m3
May 25, 2015	Filling Material	300 m3
	Concrete B350	16 m3
May 26, 2015	Filling Material	200 m3
May 27, 2015	Filling Material	200 m3
May 28, 2015	Single Size	40 m3
	Concrete B350	12.5 m3
May 29, 2015		
May 30, 2015	Base Coarse	200 m3
May 31, 2015	Base Coarse	80 m3



The following table consists of all equipment used on site during this reporting period:

		Equipment Log																															
Equipment	Date	1-May-15	2-May-15	3-May-15	4-May-15	5-May-15	6-May-15	7-May-15	8-May-15	9-May-15	10-May-15	11-May-15	12-May-15	13-May-15	14-May-15	15-May-15	16-May-15	17-May-15	18-May-15	19-May-15	20-May-15	21-May-15	22-May-15	23-May-15	24-May-15	25-May-15	26-May-15	27-May-15	28-May-15	29-May-15	30-May-15	31-May-15	
	Grader	Quantity in use														1		1	1		1						1	1	1	1		1	1
Quantity idle																																	
Wheel Loader (CAT 950)	Quantity in use											1	1	1	1														1	1			
	Quantity idle																																
Bob Cat	Quantity in use																																
	Quantity idle																																
Steel Compactor	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
	Quantity idle																																
JCB	Quantity in use	1	2	2	1	1	3			3	2	2	2	1	2		2	1	1	1	1	1	1			2	2	2	1			2	2
	Quantity idle																																
Chain Excavator (325 C)	Quantity in use																																
	Quantity idle																																
Chain Excavator (Cat 330B)	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
	Quantity idle	1								1																							
Chain Bulldozer CAT 955	Quantity in use																																
	Quantity idle																																
Truck	Quantity in use	4	4	4	4	4	6				2		4	4	4		5	2	2	3	4	2			2	4		3	4	4		4	2
	Quantity idle																																
Water Tank	Quantity in use	1	1								1	1		1	1		1	1	1	1	1	1			1	1	1	1	1	1		1	1
	Quantity idle																																
Truck Crane	Quantity in use				1					6	1		1							1													
	Quantity idle																																
Concrete Pump	Quantity in use																																
	Quantity idle																																
Concrete Mixer	Quantity in use																																
	Quantity idle																																
Chain Loader	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					
	Quantity idle																																
Wheel Excavator	Quantity in use		1	1																													
	Quantity idle																																



13. Progress and Scheduling

During the month of May, Saqqa and Khoudary activities were focused on the completion of major items as indicated in the following paragraph:

13.1. Activities During the Current Reporting Period

- Handing over filling layer at Segment B From Sta.B0+060 to Sta.B0+981
- Handing over subgrade layer at Segment B From Sta.B0+240 to Sta.B0+400 and From Sta.B0+430 to Sta.B0+660
- Handing over installation of 4" water pipeline (including trench bottom level , bedding , welding, backfilling ,warning tape) From Sta.A0+200 to Sta.A1+000 and Branches
- Installation of 2" water pipeline at Segment B From Sta.B0+050 to Sta.B0+920 LHS
- Excavation and widening at Segment A From Sta0+260 to Sta.A1+056
- Preparation of embankment side slop 1:2 at Segment B from Sta.B0+230 to Sta.B0+420.
- Installation of Geotextile at Segment B from Sta.0+050 to Sta.0+230 and Segment A from Sta.A0+300 to Sta.A0+600
- Water manholes Preparation WWTP connection at Sta.A0+953 LHS and Qelqes connection at Sta.A0+995 LHS
- Installation of Precast Water Manhole) at Segment A at Sta.A0+040 Washout
- Handing over retaining wall protective coating From Sta.B0+040 to Sta.B0+230 RHS road side and nearby side
- Installation of Precast Water Manhole at Segement A at Sta.A0+180 Air Release Valve and at Sta.A0+180 Branch Gate Valve RHS
- Installation of 4" Road Crossing at Sta.0+000 and Sta.A0+200
- Handing Over 4" water pipeline installation at Sta.A0+000 (Main Connection Toward existing Manhole)

13.2. Planned Activities for Next Month

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

- Construction of 100 mm Flow Monitoring Chamber at Sta. A 0+000 (HAR Main Connection).
- Construction of 100 mm Washout Chamber at Sta. A 0+930.
- Stone work from Sta. A 0+415 to Sta. A 0+430, and from Sta. A 0+740 to Sta. A 0+780.
- Sidewalk from Sta. A 0+200 to Sta. A 0+260.
- Retaining wall at Segment A from Sta.A0+206 to Sta.A0+257 RHS.
- Retaining wall at Segment B from Sta.B 0+000 to Sta.B0+020 RHS.
- Handing over base coarse layer of Segment A from Sta.A0+250 to Sta.1+056.
- Handing over subgrade layer of Segment A from Sta.A0+200 to Sta.A1+056.
- Asphaltting and Paving of Segment A from Sta.A0+200 to Sta.A1+056.
- Installation of Sewer trunk line from Station 0+000 to Station 0+140 from Sta.A0+140 to Sta.A0+280 & from Sta.A0+280 to Sta.A0+420.

- Box culvert excavation at Sta.0+020.
- Construction of 1000 mm pipe culvert at station B 0+415.

14. Task Order Indicators

14.1. Roads Sector Task Order Contract Indicator 1: Number of kilometers of transportation infrastructure constructed or repaired through USG assistance.

This indicator is measured by the number of kilometers of transportation infrastructure, such as regional, main and local roads, which are constructed or repaired through USG assistance under this Task Order.

CMC has provided Sakka and Khoudary with the value of this indicator which equals 1,470 (Qelqes population as per PCBS))

14.2. Roads 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 measures 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	3500
Person Days of Employment Generated Previously	2063
Person Days of Employment Generated During the Current Reporting Period	874
Accumulative Persons Days of Employment Generated	2937
Male Person Days of Employment	
Person Days of Employment Generated Previously	1763
Person Days of Employment Generated during the current reporting period	767
Accumulative Persons Days of Employment Generated	2530
Female Person Days of Employment	
Person Days of Employment Generated Previously	108
Person Days of Employment Generated during the current reporting period	22
Accumulative Persons Days of Employment Generated	130
Total Number of Full Time Equivalent Jobs (FTE)	
Number of Full Time Equivalent Jobs Generated Previously	86.70
Number of Full Time Equivalent Jobs Generated During Current Period	36.72
Total Number of Full Time Equivalent Jobs Generated	123.42

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

15. Working / Non – Working Days

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

Description	Days
Contractual Period of Performance (Original)	240 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	138 Calendar Days
Number of non-working days (holidays and weekends) during this reporting period	5 Calendar Days
Accumulated non-working days (holidays and weekends)	24 Calendar Days
Number of other non-working days due to bad weather(Snow/Rain)	0 Calendar Days
Accumulated other non-working days (/Snow/Rain)	7 Calendar Days

16. Site Memorandum

The following table summarizes the Site Memorandums issued during this reporting period:

Site Memorandum log					
SM No.	From	To	Description	Sent Date	Type
SM -15-000001-HAR-E-C-005	BV	SAK	Trench Backfilling for Water Pipe Line at Segment B	May 12, 2015	Record of Unsatisfactory Work Practice
SM -15-000001-HAR-E-C-006	BV	SAK	Retaining Wall Concrete Finish Quality at Segment B	May 18, 2015	Record of Non Quality Compliance & Site Instruction
SM -15-000001-HAR-E-C-007	BV	SAK	Response to SM-15-000001-C-E-004(Landowners Objection Toward Construction of Retaining Wall at Segment A From Sta.A0+206 to Sta.A0+257 RHS) and SM-15-000001-C-E-005(Work prevention by landowners at Segment A From Sta.A0+230 to Sta.A0+480)	May 18, 2015	Other
Site Memorandum log					
SM No.	From	To	Description	Sent Date	Type
SM -15-000001-HAR-C-E-004	SAK	BV	Landowners Objection Toward Construction of Retaining Wall at Segment A From Sta.A0+206 to Sta.A0+257 RHS	May 14, 2015	Other
SM -15-000001-HAR-C-E-005	SAK	BV	Work prevention by landowners at Segment A from Sta.A0+230 to Sta.A0+480	May 17, 2015	Other
SM -15-000001-HAR-C-E-006	SAK	BV	Work Disruption By Landowner	May 21, 2015	Other

17. Quality Control Status

This Quality Control Plan is established to provide all the necessary testing and documentation of the contract in order to assure that all work (Onsite/Offsite, Work by Subcontractors, Fabricators, Suppliers and Purchasing agents Subcontractors, Fabricators, and Suppliers) accomplished and all materials and equipment supplied are in accordance with the plans and specifications applicable to the work and meet the quality control provisions of the said plans and specifications.

The Quality Control Plan (QCP) was submitted to CMC for approval on January 14, 2015. 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 to CMC on February 08, 2015 and was accepted on February 17, 2015.

An Updated Monthly Quality Control Plan was submitted to CMC on April 19, 2015 and it was returned with Action C- Revise and resubmit on April 23, 2015. Consequently; a revised updated Monthly Quality Control Plan was submitted on May 31, 2015 for CMC review.

A method statement for concrete surface repairing was submitted to CMC on May 24, 2015 and was accepted on May 28, 2015.

Also, many quality control plans submittals were submitted to CMC regarding fabrication and installation of 1500 mm concrete sewer pipe:

- Quality Control Manufacturing Plan for 1500mm Dia Concrete Sewer Pipe was submitted to CMC on May 18, 2015 for review.
- A method statement for sewer system at Segment B was submitted to CMC on May 04, 2015 and it was returned with Action C- Revise on May 13, 2015.

Furthermore, many site visits and inspections were conducted to follow up fabrication and installation of the concrete sewer pipelines.

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



17.1. Inspection Requests:

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

Inspection Request Log							
IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
IR -15-01-HAR-079-A	Handing Over Third Imported Filling layer (Fifth Embankment Layer) at Segment B From Sta.B0+480 to Sta.B0+680	May 2, 2015	May 2, 2015	May 2, 2015	0	A	
IR -15-01-HAR-080-A	Handing Over First Imported Filling layer (Third Embankment Layer) at Segment B From Sta.B0+860 to Sta.B0+930	May 2, 2015	May 2, 2015	May 3, 2015	1	A	
IR -15-01-HAR-081-A	Retaining Wall Preparation for Protective Coating From Sta.B0+180 to Sta.B0+230 RHS Road Side	May 2, 2015	May 2, 2015	May 3, 2015	1	A	
IR -15-01-HAR-082-A	Handing Over Second Protective Coating of Retaining Wall Road Side From Sta.0+120 to Sta.B0+180 RHS	May 2, 2015	May 2, 2015	May 3, 2015	1	A	
IR -15-01-HAR-083-A	Installation of 2" Water Pipeline at Segment B From Sta.B0+230 to Sta.B0+420 & From Sta.B0+720 to Sta.B0+860	May 3, 2015	May 3, 2015	May 4, 2015	1	C	
IR -15-01-HAR-083-B	Installation of 2" Water Pipeline at Segment B From Sta.B0+230 to Sta.B0+420 & From Sta.B0+720 to Sta.B0+860	May 5, 2015	May 5, 2015	May 6, 2015	1	C	
IR -15-01-HAR-083-C	Installation of 2" Water Pipeline at Segment B From Sta.B0+230 to Sta.B0+420 & From Sta.B0+720 to Sta.B0+860	May 7, 2015	May 7, 2015	May 7, 2015	0	A	
IR -15-01-HAR-084-A	Retaining Wall Backfill (Single Size Aggregate) at Segment B	May 4, 2015	May 4, 2015	May 4, 2015	0	A	



	From Sta.B0+180 to Sta.B0+230						
IR -15-01-HAR-085-A	Rock Fill Layer (Benching) From Sta.B0+940to Sta.B0+980 RHS as per IR -15-01-HAR-068-A attachment	May 4, 2015	May 4, 2015	May 5, 2015	1	A	
IR -15-01-HAR-086-A	Retaining Wall Preparation for Protective Coating From Sta.B0+180 to Sta.B0+230 RHS Nearby Side	May 4, 2015	May 4, 2015	May 4, 2015	0	A	
IR -15-01-HAR-087-A	Handing Over First Protective Coating of Retaining Wall Road Side From Sta.0+180 to Sta.B0+230 RHS	May 4, 2015	May 4, 2015	May 4, 2015	0	A	
IR -15-01-HAR-088-A	Handing Over Fourth Imported Filling layer (Sixth Embankment Layer) at Segment B From Sta.B0+480 to Sta.B0+680	May 4, 2015	May 5, 2015	May 5, 2015	0	A	
IR -15-01-HAR-089-A	Handing Over Second Protective Coating of Retaining Wall Road Side From Sta.0+180 to Sta.B0+230 RHS	May 4, 2015	May 5, 2015	May 6, 2015	1	A	
IR -15-01-HAR-090-A	Retaining Wall Preparation for Protective Coating From Sta.B0+043 to Sta.B0+067.5 RHS Road land Side & Nearby land Side	May 6, 2015	May 6, 2015	May 6, 2015	0	A	
IR -15-01-HAR-091-A	Handing Over Second Imported Filling layer (Third Embankment Layer) at Segment B From Sta.B0+870 to Sta.B0+920	May 6, 2015	May 6, 2015	May 7, 2015	1	C	
IR -15-01-HAR-091-B	Handing Over Second Imported Filling layer (Third Embankment Layer) at Segment B From Sta.B0+870 to Sta.B0+920	May 10, 2015	May 10, 2015	Retracted May 11,2015	R	Retrae ted	
IR -15-01-HAR-092-A	Handing Over Second Imported Filling layer (Third Embankment Layer) at Segment B From Sta.B0+680 to Sta.B0+715	May 6, 2015	May 6, 2015	May 7, 2015	1	C	



IR -15-01-HAR-092-B	Handing Over Second Imported Filling layer (Third Embankment Layer) at Segment B From Sta.B0+680 to Sta.B0+715	May 10, 2015	May 10, 2015	May 11, 2015	1	A	
IR -15-01-HAR-093-A	Precast Water Manhole Installation (Levels , Bedding , Backfilling) at Segment A at Sta.A0+180 Air Release Valve and at Sta.A0+180 Branch Gte Valve RHS	May 6, 2015	May 6, 2015	May 7, 2015	1	A	
IR -15-01-HAR-094-A	Installation of 4" water pipeline (including trench bottom level , bedding , welding, backfilling , warning tape) From Sta.A0+200 to Sta.A0+215 RHS and 30 m Branch RHS	May 9, 2015	May 9, 2015	May 10, 2015	1	A	
IR -15-01-HAR-095-A	Handing Over First Protective Coating of Retaining Wall Road & Nearby Side From Sta.0+043 to Sta.B0+067.5 RHS	May 10, 2015	May 10, 2015	May 10, 2015	0	A	
IR -15-01-HAR-096-A	Installation of 4" Road Crossing at Sta.A0+200	May 10, 2015	May 10, 2015	May 10, 2015	0	A	
IR -15-01-HAR-097-A	Handing Over Fifth Imported Filling layer (Seventh Embankment Layer) at Segment B From Sta.B0+480 to Sta.B0+680	May 10, 2015	May 10, 2015	May 11, 2015	1	A	
IR -15-01-HAR-098-A	Handing Over Second Protective Coating Layer Retaining Wall Road & Nearby Side at Segment B From Sta.B0+043 to Sta.B0+067.5 RHS	May 10, 2015	May 11, 2015	May 11, 2015	0	A	
IR -15-01-HAR-099-A	Installation of 4" Road Crossing at Sta.A0+000	May 10, 2015	May 10, 2015	May 11, 2015	1	A	
IR -15-01-HAR-100-A	Handing Over Second Imported Filling layer (Benching) at Segment B From Sta.B0+230 to Sta.B0+290 RHS	May 12, 2015	May 12, 2015	May 12, 2015	0	A	



IR -15-01-HAR-101-A	Handing Over 4" water pipeline instalation at Sta.A0+000 (Main Connection Toward existing Manhole)	May 12, 2015	May 12, 2015	May 12, 2015	0	A	
IR -15-01-HAR-102-A	Handing Over Rockfill Layer (Benching) at Segment B From Sta.B0+710 to Sta.B0+860 RHS	May 12, 2015	May 12, 2015	May 13, 2015	1	A	
IR -15-01-HAR-103-A	Handing Over Third Imported Filling layer Benching (Fourth Embankment Layer) at Segement B From Sta.B0+230 to Sta.B0+290	May 13, 2015	May 13, 2015	May 14, 2015	1	A	
IR -15-01-HAR-104-A	Handing Over Sixth Imported Filling layer Benching (Eight Embankment Layer) at Segment B From Sta.B0+540 to Sta.B0+670	May 13, 2015	May 13, 2015	May 14, 2015	1	A	
IR -15-01-HAR-105-A	Precast Water Manhole Installation (Levels , Bedding , Backfilling) at Segment A at Sta.A0+040 Washout	May 14, 2015	May 14, 2015	May 14, 2015	0	A	
IR -15-01-HAR-106-A	Installation of 2" Water Pipeline at Segment B From Sta.B0+230 to Sta.B0+130	May 16, 2015	May 16, 2015	May 17, 2015	1	A	
IR -15-01-HAR-107-A	Handing Over First Imported Filling layer (Benching) at Segment B From Sta.B0+710 to Sta.B0+860 RHS	May 16, 2015	May 16, 2015	May 17, 2015	1	A	
IR -15-01-HAR-108-A	Handing Over First Imported Filling layer (Benching) at Segment B From Sta.B0+940 to Sta.B0+980 RHS	May 16, 2015	May 16, 2015	May 17, 2015	1	C	
IR -15-01-HAR-108-B	Handing Over First Imported Filling layer (Benching) at Segment B From Sta.B0+940 to Sta.B0+980 RHS	May 17, 2015	May 17, 2015	May 18, 2015	1	A	
IR -15-01-HAR-109-A	Installation of 2" Water Pipeline at Segment B From Sta.B0+860	May 17, 2015	May 17, 2015	May 17, 2015	0	A	



	to Sta.B0+920						
IR -15-01-HAR-110-A	Handing Over Sub-grade layer Imported material at Segment B From Sta.B0+240 to Sta.B0+450	May 18, 2015	May 18, 2015	May 19, 2015	1	D	
IR -15-01-HAR-111-A	Handing Over Fourth Imported Filling layer at Segment B From Sta.B0+680 to Sta.B0+710	May 19, 2015	May 19, 2015	May 19, 2015	0	D	A
IR -15-01-HAR-112-A	Handing Over Second Imported Filling layer (Benching) at Segment B From Sta.B0+710 to Sta.B0+860	May 19, 2015	May 19, 2015	May 19, 2015	0	D	A
IR -15-01-HAR-113-A	Handing Over Backfilling Single Sized Aggregate Behind RW to Level -67 From PGL at Segment B From Sta.B0+040 to Sta.B0+230 RHS	May 19, 2015	May 19, 2015	May 19, 2015	0	A	
IR -15-01-HAR-114-A	Handing Over Second Imported Filling layer (Benching) at Segment B From Sta.B0+940 to Sta.B0+980 RHS	May 21, 2015	May 23, 2015	May 23, 2015	0	A	
IR -15-01-HAR-115-A	Handing Over of 2" Water Pipeline at Segment B From Sta.B0+420 to Sta.B0+520 LHS	May 24, 2015	May 24, 2015	May 25, 2015	1	A	
IR -15-01-HAR-116-A	Handing Over First Imported Filling layer Over Single Sized Aggregate of RW Backfilling at Segment B From Sta.B0+050 to Sta.B0+230 RHS & Level -47 cm of PGL	May 24, 2015	May 24, 2015	May 25, 2015	1	A	
IR -15-01-HAR-117-A	Handing Over Third Imported Filling layer (Benching) at Segment B From Sta.B0+940 to Sta.B0+980 RHS.	May 24, 2015	May 24, 2015	May 25, 2015	1	A	
IR -15-01-HAR-118-A	Handing Over Fifth Imported Filling layer at Segment B From Sta.B0+680 to Sta.B0+710	May 24, 2015	May 24, 2015	May 25, 2015	1	A	



IR -15-01-HAR-119-A	Handing Over Third Imported Filling layer (Benching) at Segment B From Sta.B0+710 to Sta.B0+860 RHS	May 24, 2015	May 24, 2015	May 25, 2015	1	A	
IR -15-01-HAR-120-A	Installation of Geotextile at Segment B From Sta.B0+240 to Sta.B0+680	May 25, 2015	May 25, 2015	May 25, 2015	0	A	
IR -15-01-HAR-121-A	Handing Over Fourth Imported Filling layer (Benching) at Segment B From Sta.B0+940 to Sta.B0+980 RHS.	May 26, 2015	May 26, 2015	May 26, 2015	0	A	
IR -15-01-HAR-122-A	Handing Over Sub-grade layer of imported material at Segment B From Sta.B0+240 to Sta.B0+400 including levels,compaction & cut side slop	May 27, 2015	May 27, 2015	May 28, 2015	1	A	
IR -15-01-HAR-123-A	Handing Over Sub-grade layer of imported material at Segment B From Sta.B0+430 to Sta.B0+660 including levels,compaction & cut side slop	May 27, 2015	May 27, 2015	May 28, 2015	1	A	
IR -15-01-HAR-124-A	Handing Over 5th imported filling layer at Segment B From Sta.B0+940 to Sta.B0+980 (Benching) RHS including levels & compaction	May 28, 2015	May 28, 2015	May 28, 2015	0	C	
IR -15-01-HAR-125-A	Handing Over installation of 2" water pipe line at Segment B From Sta.B0+520 to Sta.B0+860 LHS including levels , backfilling , warning tape & filterfabric	May 28, 2015	May 28, 2015	May 28, 2015	0	A	
IR -15-01-HAR-126-A	Handing Over excavation for precast water manhole washout at Sta.A0+930 and gate valve at Sta.A0+470 including levels and dimension	May 31, 2015	May 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 table summarizes all the tests conducted on the site during this reporting period:

Test Reports Log					
Submittal No.	Description	Submitted Date	Response Date	Review Days	Status
TEST -15-000001-HAR-026-A	Test Report -NO: ST/15195 Fill Material - Loose Sample From Sta. B0+840 to B0+980 at Sta.B0+960	May 10, 2015	May 27, 2015	17	A
TEST -15-000001-HAR-027-A	Test Report -NO: ST/15197 Fill Material - Loose Sample , Second Layer Between Stations 0+480 & 0+670	May 10, 2015	May 14, 2015	4	A
TEST -15-000001-HAR-028-A	Test Report -NO: BM/CT/15557 Concrete Compressive Strength of RW From Sta.B0+082 to Sta.B0+090 RHS-28 Day	May 10, 2015	May 14, 2015	4	A
TEST -15-000001-HAR-029-A	Test Report -NO: BM/CT/15568 Concrete Compressive Strength of RW From Sta.B0+074 to Sta.B0+082 & From Sta.B0+090 to Sta.B0+098 RHS -28 Day	May 10, 2015	May 14, 2015	4	A
TEST -15-000001-HAR-030-A	Test Report -NO: BM/CT/15579 Concrete Compressive Strength / RW between station 0+067.5 to 0+075 RHS & 0+097.5 to 0+105 RHS - 28 Day	May 10, 2015	May 14, 2015	4	A
TEST -15-000001-HAR-031-A	Test Report -NO: ST/FD/15227 Density of Soil In Place (Sand Cone Method) Between Sta.B0+480 to Sta.B0+670 & From Sta.B0+860 to Sta.B0+920	May 13, 2015	May 14, 2015	1	C
TEST -15-000001-HAR-031-B	Test Report -NO: ST/FD/15227 Density of Soil In Place (Sand Cone Method) Between Sta.B0+480 to Sta.B0+670 & From Sta.B0+860 to Sta.B0+920	May 20, 2015	May 26, 2015	6	A
TEST -15-000001-HAR-032-A	Test Report -NO: ST/FD/15212 Density of Soil In Place (Sand Cone Method)First Layer Between Sta.B0+480 to Sta.B0+680	May 13, 2015	May 14, 2015	1	C
TEST -15-000001-HAR-032-B	Test Report -NO: ST/FD/15212 Density of Soil In Place (Sand Cone Method)First Layer Between Sta.B0+480 to Sta.B0+680	May 20, 2015	May 26, 2015	6	A
TEST -15-000001-HAR-033-A	Test Report -NO: BM/CT/15664 Concrete Compressive Strength / RW between station 0+060 to 0+067.5RHS & 0+195 to 0+202.5 RHS -7 Days	May 13, 2015	May 14, 2015	1	A
TEST -15-000001-HAR-034-A	Test Report -NO: BM/CT/15592 Concrete Compressive Strength / RW between station 0+105 to	May 13, 2015	May 14, 2015	1	A



	0+112.8 RHS - 28 Day				
TEST -15-000001-HAR-035-A	Test Report -NO: BM/CT/15594 Concrete Compressive Strength / RW between station 0+112.8 to 0+120 RHS - 28 Day	May 13, 2015	May 14, 2015	1	A
TEST -15-000001-HAR-036-A	Test Report -NO: BM/CT/15601 Concrete Compressive Strength / RW between station Sta.B0+120 to Sta.B0+127.5 & From Sta.B0+135 to Sta.B0+142.5 RHS - 28 Day	May 13, 2015	May 14, 2015	1	A
TEST -15-000001-HAR-037-A	Test Report -NO: BM/CT/15652 Concrete Compressive Strength / RW between station Sta.B0+217.5 to Sta.B0+230 - 7 Days	May 13, 2015	May 14, 2015	1	A
TEST -15-000001-HAR-038-A	Test Report -NO: BM/CT/15643 Concrete Compressive Strength / RW between station Sta.B0+202.5 to Sta.B0+217.5 - 7 Days	May 13, 2015	May 14, 2015	1	A
TEST -15-000001-HAR-039-A	Test Report -NO: BM/CT/15635 Concrete Compressive Strength / RW between station Sta.B0+180 to Sta.B0+195 - 7 Days	May 13, 2015	May 14, 2015	1	A
TEST -15-000001-HAR-040-A	Test Report -NO: ST/FD/15260 Field Density Test - Fill Material / Selected Imported Material From Sta.B0+480 to Sta.B0+680 & From Sta.B0+680 to Sta.B0+710	May 20, 2015	May 26, 2015	6	A
TEST -15-000001-HAR-041-A	Test Report -NO: ST/FD/15269 Field Density Test - Fill Materials / First Layer at Sta.B0+270 RHS	May 20, 2015	May 26, 2015	6	A
TEST -15-000001-HAR-042-A	Test Report -NO: ST/FD/15269 Field Density Test - Fill Materials / Selected Imported Material at Sta.B0+620M	May 20, 2015	May 26, 2015	6	A
TEST -15-000001-HAR-043-A	Test Report -NO: ST/FD/15279 Field Density Test - Fill Materials / Selected Imported Material at Sta.B0+725 RHS and From Sta.B0+940 to Sta.B0+998	May 20, 2015	May 26, 2015	6	C
TEST -15-000001-HAR-044-A	Test Report -NO: ST/15233 Selected Imported Materials / Fill Materials of Thickness 25 cm / First Layer Between Sta.B0+230 to Sta.B0+290 RHS	May 20, 2015	May 26, 2015	6	A
TEST -15-000001-HAR-045-A	Test Report -NO: BM/CT/15681 Concrete Compressive Strength / RW between station Sta.B0+040 to Sta.B0+060 - 7 Days	May 20, 2015	May 21, 2015	1	A
TEST -15-000001-HAR-046-A	Test Report -NO: BM/CT/15623 Concrete Compressive Strength / RW between station 0+150 to 0+157.5RHS & 0+165 to 0+172.5RHS - 28 Day	May 20, 2015	May 26, 2015	6	A
TEST -15-000001-HAR-047-A	Test Report -NO: BM/CT/15628 Concrete Compressive Strength / RW between station 0+157.5 to	May 20, 2015	May 21, 2015	1	A



	0+165 RHS & 0+172.5 to 0+180RHS - 28 Day				
TEST -15-000001-HAR-048-A	Test Report -NO: ST/15241 Comprehensive Test Filling Layer / Plate Sample From Sta.B0+480 Sta.B0+980	May 20, 2015	May 21, 2015	1	A
TEST -15-000001-HAR-049-A	Test Report -NO: ST/15248 Excavated Material of Segment A From Sta.A0+210 to Sta.A1+056	May 20, 2015			P
TEST -15-000001-HAR-050-A	Test Report -NO: BM/COR/15015 Water Manhole Core Strength	May 20, 2015	May 21, 2015	1	A
TEST -15-000001-HAR-051-A	Test Report -NO: ST/FD/15285 Selected Imported Materials / Fill Materials Fourth Layer Between Sta.B0+680 to Sta.B0+710 & Second Layer Between Sta.B0+710 to Sta.B0+860	May 24, 2015	May 26, 2015	2	C
TEST -15-000001-HAR-052-A	Test Report -NO: BM/CT/15619 Concrete Compressive Strength / RW between station Sta.B0+127.5 to Sta.B0+135 & From Sta.B0+142.5 to Sta.B0+150 - 28 Days	May 24, 2015	May 26, 2015	2	A
TEST -15-000001-HAR-053-A	Test Report -NO: BM/CT/15635 Concrete Compressive Strength / RW between station Sta.B0+180 to Sta.B0+195 - 28 Days	May 24, 2015	May 26, 2015	2	A
TEST -15-000001-HAR-054-A	Test Report -NO: ST/FD/15284 Selected Imported Materials / Fill Materials First Layer Between Sta.B0+940 to Sta.B0+980	May 24, 2015	May 26, 2015	2	A
TEST -15-000001-HAR-055-A	Test Report -NO: ST/FD/15222 Selected Imported Materials / Fill Materials of Thickness 20 cm / Second Layer Between Sta.B0+480 to Sta.B0+710	May 24, 2015	May 26, 2015	2	P
TEST -15-000001-HAR-056-A	Test Report -NO: ST/FD/15255 Selected Imported Materials / Fill Materials of Thickness 25cm / Fourth Layer Between Sta.B0+480 to Sta.B0+680	May 24, 2015	May 26, 2015	2	A
TEST -15-000001-HAR-057-A	Test Report -NO: PLT/15001 Bearing Plate Loading Test Report of Backfill Layer Between Sta.B0+710 to Sta.B0+980	May 24, 2015			P
TEST -15-000001-HAR-058-A	Test Report -NO: BM/CT/15643 Concrete Compressive Strength / RW between station Sta.B0+202.5 to Sta.B0+217.5 - 28 Days	May 26, 2015			P
TEST -15-000001-HAR-059-A	Test Report -NO: ST/15262 Comprehensive Test Filling Layer / Loose Sample From Sta.B0+000 Sta.B0+980	May 26, 2015			P
TEST -15-000001-HAR-060-A	Test Report -NO: ST/15268 Selected Fill Material / Fill Materials of Compacted thickness 25 cm	May 26, 2015			P

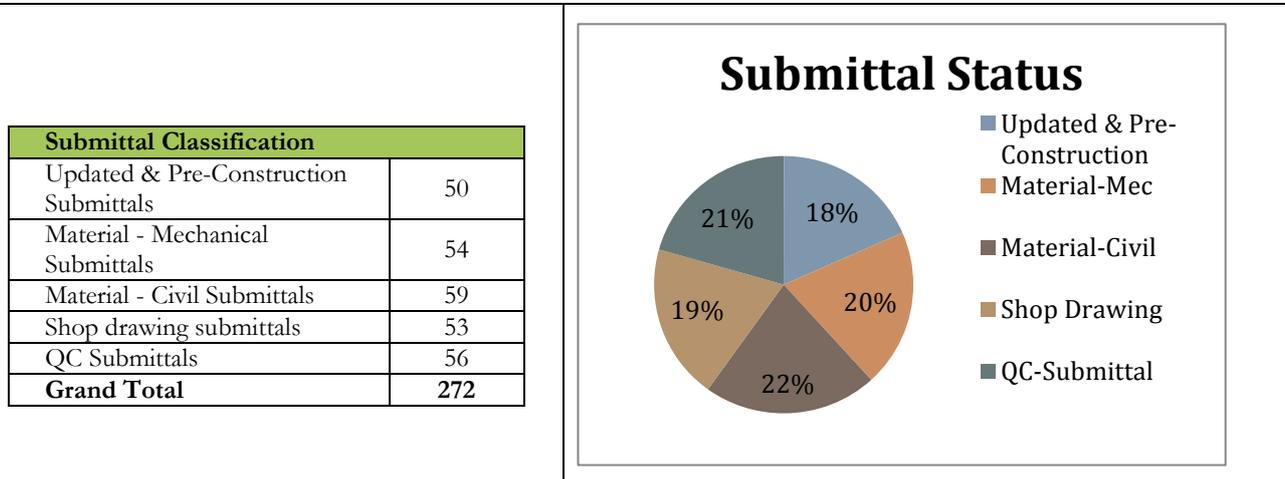


	between Station 0+680 to 0+710 fifth layer & From 0+940 to 0+980 third Layer				
*Note: A:No Exceptions Noted, B:Make Corrections Noted, C:Amend-Resubmit, D:Rejected-Resubmit, E:Review Not Required, P:Pending					

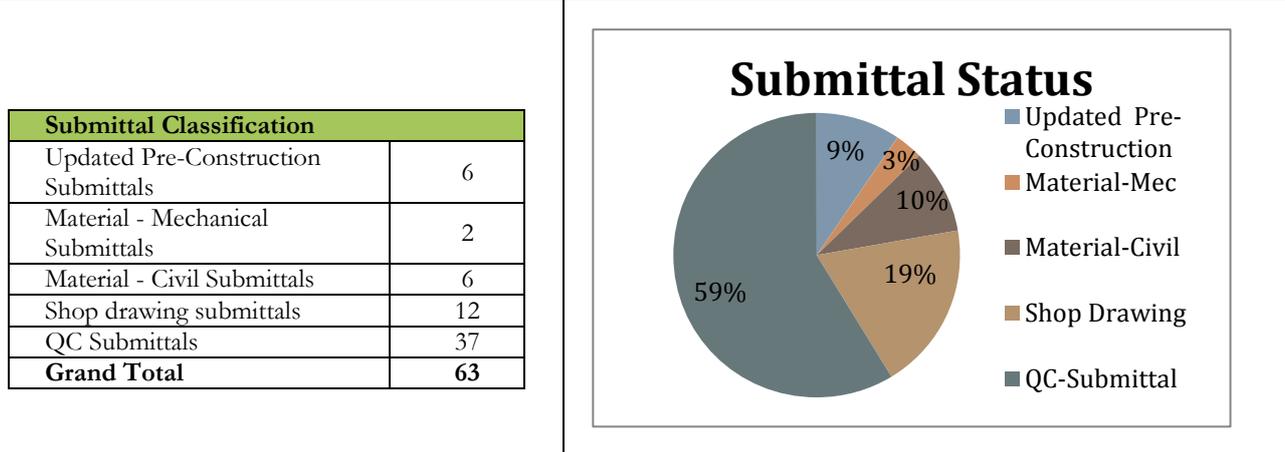
18. Submittals Status

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

Submittal Status till the end of May, 2015



Submittal Status during May, 2015



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-15-00001-HAR-039-C	Pressure Differential Switch(For Engineer Record)	May 14, 2015	May 20, 2015	6	E
SUB-15-00001-HAR-071-B	GATE VALVE 100mm & 50mm - For Construction	May 6, 2015	May 13, 2015	7	A
SUB-15-00001-HAR-072-B	Combination air Valve 50mm -For Construction	May 6, 2015	May 13, 2015	7	A
SUB-15-00001-HAR-073-C	WASHOUT OUTFALL IN URBAN AREAS 50 mm - For Construction	May 6, 2015	May 13, 2015	7	A
SUB-15-00001-HAR-089-C	Concrete Ready Sewer Manhole Mix Design , Class B30 With Slag Cement	May 10, 2015	May 20, 2015	10	B
SUB-15-00001-HAR-111-B	Plan , Profile Water Pipe Line 50mm From Sta.B0-020 to Sta.B0+987 LHS - Fo Construction	May 6, 2015	May 6, 2015	0	A
SUB-15-00001-HAR-117-B	Segment B , Sewer Line Plan & Profile From Sta.S 0+000 to S0+564	May 19, 2015			P
SUB-15-00001-HAR-120-B	Box Culvert From Sta.B0+012 to Sta.B0+030	May 21, 2015			P
SUB-15-00001-HAR-126-C	Retaining Wall From Sta.A0+206 to Sta.A0+257 RHS	May 7, 2015	May 12, 2015	5	B
SUB-15-00001-HAR-128-B	Monthly Updated Quality Control Plan	May 31, 2015			P
SUB-15-00001-HAR-129-B	Monthly Updated Safety Plan	May 17, 2015	May 28, 2015	11	B
SUB-15-00001-HAR-130-B	Monthly Updated Environmental Monitoring and Mitigation Plan	May 26, 2015	May 28, 2015	2	B
SUB-15-00001-HAR-135-B	Pipe Culvert From Sta B0+415 and Sta.B0+970	May 26, 2015			P
SUB-15-00001-HAR-137-A	Sewer System of Segment B Method Statement	May 4, 2015	May 13, 2015	9	C
SUB-15-00001-HAR-138-A	Alternative Gate Valves PN 25 Metal Seated Raphael	May 10, 2015	May 13, 2015	3	B
SUB-15-00001-HAR-139-A	Plan , Profile and Cross Section at Segment B From Sta.B0+000 to Sta.B0+040	May 10, 2015	May 12, 2015	2	B
SUB-15-00001-HAR-140-A	Internal Coating of Sewer Manhole – Source Fosroc Nitocote ET402E	May 10, 2015	May 20, 2015	10	B
SUB-15-00001-HAR-141-A	Updated Original CPM Schedule Submittal April 30, 2015	May 10, 2015	May 12, 2015	2	B
SUB-15-00001-HAR-142-A	Sewer Manhole Details	May 14, 2015	May 26, 2015	12	C
SUB-15-00001-HAR-142-B	Sewer Manhole Details	May 26, 2015			P
SUB-15-00001-HAR-143-A	Quality Control Manufacturing Plan for 1500mm Dia Concrete Sewer Pipe	May 18, 2015			P
SUB-15-00001-HAR-144-A	Base Course Comprehensive Testing Results- Al Dahdoor Crusher - Yatta	May 20, 2015	May 24, 2015	4	B



	City Test Report -NO: ST/15239				
SUB-15-00001-HAR-145-A	Gate Valve 100 mm at Sta.-0+020	May 21, 2015	May 24, 2015	3	E
SUB-15-00001-HAR-146-A	Method Statement Concrete Surface Repairing	May 24, 2015	May 28, 2015	4	B
SUB-15-00001-HAR-147-A	Synthetic Rubber Gasket	May 24, 2015			P
SUB-15-00001-HAR-148-A	May Monthly Updated Quality Control Plan	May 31, 2015			P
*Note: A:No Exceptions Noted, B:Make Corrections Noted, C:Amend-Resubmit, D:Rejected-Resubmit, E:Review Not Required, P:Pending					

19. Transmittals:

The following Transmittals were sent during the current reporting periods:

Outgoing Emails Log				
DCN No.	Subject	From:	To :	Sent Date
Email-15-01-SAK-OUT-034	LCP Projects: Geo-MIS -April, 2015	SAK	BV	May 5, 2015
Email-15-01-SAK-OUT-035	TO 15-01 HAR: April Monthly Progress Report	SAK	USAID	May 5, 2015
Email-15-01-SAK-OUT-036	Re: TO 15 000001 HAR : For Construction Copies	SAK	BV	May 6, 2015
Email-15-01-SAK-OUT-037	RE: TO 15 000001 HAR : Comments on Contractor's Monthly Report -April 2015	SAK	USAID	May 25, 2015

INCOMING EMAILS LOG				
DCN No.	Subject	From	To	Received Date
Email-15-01-SAK-IN-035	TO 15-000001 HAR: Progress Meeting #008- Agenda	BV	USAID & SAK	May 2, 2015
Email-15-01-SAK-IN-036	TO 15-000001 HAR: Water Chamber Excavation Protection	BV	SAK	May 3, 2015
Email-15-01-SAK-IN-037	TO 15 000001 HAR : For Construction Copies	BV	SAK	May 5, 2015
Email-15-01-SAK-IN-038	TO 15 000001 HAR : Modified Road Alignment Section from sta. A0+777.91 to sta. A0+925.17	BV	SAK	May 5, 2015
Email-15-01-SAK-IN-039	TO 15-000001 HAR: Draft MOM No. 008	BV	USAID & SAK	May 6, 2015
Email-15-01-SAK-IN-040	RE: TO 15 000001 HAR : For Construction Copies	BV	SAK	May 6, 2015
Email-15-01-SAK-IN-041	TO 15-000001 HAR: Final MOM No.008	BV	USAID & SAK	May 10, 2015
Email-15-01-SAK-IN-042	TO 15 000001 HAR : As Built Drawing	BV	SAK	May 12, 2015
Email-15-01-SAK-IN-043	TO 15 000001 HAR : Un Closed Submittals	BV	SAK	May 12, 2015



Email-15-01-SAK- IN-044	TO 15 000001 HAR: QC Plan for the 1,500 mm Pipes Manufacturing	BV	SAK	May 13, 2015
Email-15-01-SAK- IN-045	TO 15 000001 HAR : Progress Meeting # 009 Agenda	BV	USAID & SAK	May 16, 2015
Email-15-01-SAK- IN-046	TO 15 000001 HAR : Un Closed Submittals	BV	SAK	May 19, 2015
Email-15-01-SAK- IN-047	TO 15 000001 HAR: Landowner Obstruction Resolved	BV	SAK	May 20, 2015
Email-15-01-SAK- IN-048	TO 15-000001 HAR: Draft MOM No. 009	BV	USAID & SAK	May 20, 2015
Email-15-01-SAK- IN-049	Task Order #15-00001, Safety Tool Box Meeting.	USAID	SAK	May 22, 2015
Email-15-01-SAK- IN-050	Fwd: TO 15 000001 HAR : Comments on Contractor's Monthly Report -April 2015	USAID	SAK	May 22, 2015
Email-15-01-SAK- IN-051	TO 15 000001 HAR : Water Chamber Construction	BV	SAK	May 24, 2015
Email-15-01-SAK- IN-052	TO 15-000001 HAR: Final MOM No.009	BV	USAID & SAK	May 24, 2015
Email-15-01-SAK- IN-053	TO 15 000001 HAR : Dust Mitigation Measures	BV	SAK	May 25, 2015
Email-15-01-SAK- IN-054	TO 15 000001 HAR : Sewer Pipes Manufacturing and Delivery Updates	BV	SAK	May 27, 2015

CONTRACTOR LETTERS LOG				
Letter No.	Description	Submitted Date	From	To
LETTERS FROM CONTRACTOR TO LOCAL AUTHORITY				
No letters were issued from contractor to local authority during this reporting period				
Letter No.	Description	Submitted Date	From	To
LETTERS FROM CONTRACTOR TO ENGINEER				
No letters were issued from contractor to Engineer during this reporting period				
Letter No.	Description	Submitted Date	From	To
LETTERS FROM CONTRACTOR TO USAID				
No letters were issued from contractor to USAID during this reporting period				

20. Requests for Information

The following table summarizes Requests for information issued during this reporting period.

Request for information log			
RFI No.	Description	Submitted Date	Response Date
RFI-HAR-15-000001-006	Mechanical detail for replacement of existing chamber	May 28, 2015	P
P:Pending			



21. Payments

The following table summarizes the payments issued during this reporting period.

Progress Payment Log					
Invoice No.	Invoiced Amount	Cumulative Amount	Task Order Amount	Remaining Amount	Date Submitted to B&V
Pay-15-000001-HAR-003	\$ 198,641.05	\$ 480,444.82	\$ 2,598,705.00	\$ 2,118,260.18	May 31, 2015

22. Variation Order Request

The following 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
VOR- 15-00001-HAR- 002 -B	New items due to changes in Road Typical Cross Section and plan/profile for road segment A from Station 0+200 to station 1+040 (SM-15-000001-HAR-E-C-002).	\$ 164,00.00	0	May 24,2015	P
VOR- 15-00001-HAR- 003 -B	Changes in water chambers as per Site Memorandum SM-15-000001-HAR-E-C-001	\$ 76,786.60	90 Calendar Days from date of VO approval	May 21, 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 Orders were issued during the current reporting period					

24. Obstacles and Challenges

24.1 Challenges:

There were no challenges during this reporting period.



24.2 Obstacles:

The following table summarizes obstacles and action taken during this reporting period:

Obstacles	Station		Causative factor	Date		Action Taken	
	From	To		From	To		
Stoppage of excavation works at Segment A	Sta.A 0+230	Sta.A 0+480	Land Owners	May 17, 2015	May 19, 2015	Several coordination meetings were conducted with Hebron Municipality	
	Sta.A 0+250	Sta.A 0+700		May 02, 2015	May 03, 2015		
	Sta.A 0+700	Sta.A 0+780		May 09, 2015	May 09, 2015		
	Sta.A 0+760	Sta.A 0+900		May 10, 2015	May 14, 2015		
				May 16, 2015	May 16, 2015		
	Sta.A 0+720	Sta.A 0+780		May 17, 2015	May 21, 2015		
				May 23, 2015	May 28, 2015		
				May 30, 2015	May 30, 2015		
Stoppage of retaining wall works at Segment A	Sta.A 0+206	Sta.A 0+257			May 14, 2015		May 14, 2015
					May 16, 2015		May 21, 2015
				May 23, 2015	May 26, 2015		
Stoppage of excavation works of proposed box culvert at Segment B	Sta.B 0+008	Sta.B 0+034		May 20, 2015	May 21, 2015		
				May 23, 2015	May 28, 2015		
				May 30, 2015	May 31, 2015		

The following table summarizes the non-working days due to obstacles mentioned above:

Description	Days
Number of non-working days due to land owners objections	22 Calendar Days
Accumulated non-working days land owner objections	30 Calendar Days



25. Progress Photos



Photo# 1: Bi- Weekly Progress Meeting #8



Photo# 2: Bi- Weekly Progress Meeting #9



Photo#3: Core Test Sample for Precast Concrete Water Manhole Compressive Strength



**Photo# 4: Field Density Test of Filling Layer from Sta.B0+860 to Sta.B0+940
& from Sta.B0+400 to Sta.B0+680**



Photo# 5: Backfilling of Retaining Wall (Single Size Aggregate) From Sta.B0+150 to Sta.B0+200 RHS



Photo# 6: Dust control



Photo# 7: Excavation of 2" Water Pipeline at Segment B from Sta.B0+060 to Sta.B0+230



Photo# 8: Conducting Bearing Plate Test at Segment B From Sta.B0+720 to Sta.B0+760



Photo# 9: Shuttering and Steel Works of Wall for Qelqes Connection at Sta.A0+995 LHS



Photo# 10: Excavation Works at Segment A from Sta.A0+820 to Sta.A0+920 RHS



Annexes

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



Annex A:

Materials- Equipment Received Log



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-00-13-00002
TASK ORDER NO. AID-294-TO-15-000001
Hebron WWTP Access Road



Material Log

Date	Material Delivered to Site	Quantity
Month : December, 2014		
December 15, 2014	None	None
December 16, 2014	None	None
December 17, 2014	None	None
December 18, 2014	None	None
December 19, 2014	None	None
December 20, 2014	None	None
December 21, 2014	None	None
December 22, 2014	None	None
December 23, 2014	None	None
December 24, 2014	None	None
December 25, 2014	None	None
December 26, 2014	None	None
December 27, 2014	None	None
December 28, 2014	None	None
December 29, 2014	None	None
December 30, 2014	None	None
December 31, 2014	None	None
Month : January, 2015		
January 1,2015	None	None
January 2,2015	None	None
January 3,2015	None	None
January 4,2015	None	None
January 5,2015	None	None
January 6,2015	None	None
January 7,2015	None	None
January 8,2015	None	None
January 9,2015	None	None
January 10,2015	None	None
January 11,2015	None	None
January 12,2015	None	None
January 13,2015	None	None
January 14,2015	None	None
January 15,2015	None	None
January 16,2015	None	None
January 17,2015	None	None
January 18,2015	None	None
January 19,2015	None	None
January 20,2015	None	None
January 21,2015	None	None
January 22,2015	None	None
January 23,2015	None	None
January 24,2015	None	None



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-00-13-00002
TASK ORDER NO. AID-294-TO-15-000001
Hebron WWTP Access Road



Material Log

Date	Material Delivered to Site	Quantity
January 25,2015	None	None
January 26,2015	None	None
January 27,2015	None	None
January 28,2015	None	None
January 29,2015	None	None
January 30,2015	None	None
January 31,2015	None	None
Month : February, 2015		
February 1, 2015	None	None
February 2, 2015	None	None
February 3, 2015	None	None
February 4, 2015	None	None
February 5, 2015	None	None
February 6, 2015	None	None
February 7, 2015	None	None
February 8, 2015	None	None
February 9, 2015	None	None
February 10, 2015	None	None
February 11, 2015	None	None
February 12, 2015	Traffic signs	
February 13, 2015	None	None
February 14, 2015	Traffic signs	11 PC
	Concrete	3 m ³
February 15, 2015	2' Water Steel Pipes	172 L.m
	Joint Tap	11 PC
	WC for Female	1 PC
February 16, 2015	Traffic signs	2 PC
February 17, 2015	None	None
February 18, 2015	Steel water tank 8 m ³	2 PC
February 19, 2015	None	None
February 20, 2015	None	None
February 21, 2015	None	None
February 22, 2015	None	None
February 23, 2015	None	None
February 24, 2015	Base Course	50 m3
	Water Tank	1
February 25, 2015	Base Course	70 m3
February 26, 2015	Base Course	50 m3
	4" Water Steel pipes	1003 L.m
February 27, 2015		
February 28, 2015	None	None
Month : March, 2015		
March 1, 2015	None	None



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-00-13-00002
TASK ORDER NO. AID-294-TO-15-000001
Hebron WWTP Access Road



Material Log

Date	Material Delivered to Site	Quantity
March 2, 2015	None	None
March 3, 2015	Concrete Barriers	10 PC
	Steel Barriers	20 PC
	Traffic signs	2 PC
March 4, 2015	None	None
March 5, 2015	RW Steel Reinforement	10618 Kg
March 6, 2015	None	None
March 7, 2015	Traffic signs	2 PC
	Steel Barriers	20 PC
	Concrete	2 m3
	Warning Tap	200 mm
	Cons	10 PC
March 8, 2015	None	None
March 9, 2015	None	None
March 10, 2015	None	None
March 11, 2015	None	None
March 12, 2015	Base Course	60 m3
March 13, 2015	None	None
March 14, 2015	Formwork for RW	20 PC
March 15, 2015	Base Course	60 m3
March 16, 2015	Somsom	60 m3
	Single Size	60 m3
March 17, 2015	Blinding Concrete B150	19 m3
	Concrete Barriers	8 PC
March 18, 2015	Plywood duck formwork	50
	T- Fitting 4x4"	2
	T- Fitting 4x2"	8
	Elbow 45 / 4"	4
	Elbow 90 / 4"	2
March 19, 2015	Blinding Concrete	38 m3
March 20, 2015	None	None
March 21, 2015	4" UPC Pipes	14
	Reinforement Steel	9970 Kg
	Somsom	40 m3
	Homos	80 m3
	Bitumen Coating	9
March 22, 2015	Concrete B300	85 m3
	Single Size	110 m3
March 23, 2015	Somsom	60 m3
	Homos	40 m3
March 24, 2015	Somsom	40 m3
	Homos	40 m3



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-00-13-00002
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Hebron WWTP Access Road



Material Log

Date	Material Delivered to Site	Quantity
March 25, 2015	Somsom	40 m3
	Homos	80 m3
	Concrete B300	50 m3
	Concrete B200	1 m3
March 26, 2015	Somsom	80 m3
	Homos	80 m3
	Reinforement Steel	3488 Kg
March 27, 2015	None	None
March 28, 2015	Somsom	20 m3
	Homos	60 m3
	Formwork	50 m2
March 29, 2015	Somsom	40 m3
	Homos	80 m3
	Concrete B300	54 m3
March 30, 2015	Somsom	40 m3
	Homos	80 m3
	Concrete B300	8 m3
March 31, 2015	Somsom	40 m3
	Homos	40 m3
Month : April, 2015		
April 1, 2015	Somsom	40 m3
	Single Size	100 m3
April 2, 2015	Steel Reinforcement	8350 Kg
	Concrete B300	13.5 m3
April 3, 2015	None	None
April 4, 2015	4" PVC Pipe (Weep Whole)	18 PC
April 5, 2015	Concrete B300	14m3
	Flanged 2"	53 PC
	Elbow2"	12 PC
	Flanged 4"	26 PC
April 6, 2015	None	None
April 7, 2015	Concrete B300	7 m3
April 8, 2015	Concrete B300	6 m3
April 9, 2015	Concrete B300	12 m3
April 10, 2015	None	None
April 11, 2015	None	None
April 12, 2015	None	None
April 13, 2015	None	None
April 14, 2015	Filling Material	200 m3
	Concrete B300	12 m3
April 15, 2015	Filling Material	150 m3
	Concrete B300	12m3
April 16, 2015	None	None



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-00-13-00002
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Hebron WWTP Access Road



Material Log

Date	Material Delivered to Site	Quantity
April 17, 2015	None	None
April 18, 2015	Concrete B300	12 m3
April 19, 2015	2" Threaded Fitting	180 PC
April 20, 2015	Concrete B300	10.5 m3
	Base Coarse	60 m3
	Concrete Repairing Material / Renderoc	60 Kg
April 21, 2015	Base Coarse	100 m3
April 22, 2015	Concrete B300	12 m3
April 23, 2015	Concrete B300	9 m3
April 24, 2015	None	None
April 25, 2015	Bitumen Protective Coating Material for Concrete Surfaces Nitoproof 15	10 PC
April 26, 2015	Single Size	40 m3
	Somsom	20 m3
April 27, 2015	Concrete B300	14 m3
April 28, 2015	Single Size	40 m3
	Somsom	40 m3
April 29, 2015	Bitumen Protective Coating Material for Concrete Surfaces Nitoproof 15	10 PC
April 30, 2015	Concrete B300	12.5 m3
Month : May, 2015		
May 1, 2015	None	None
May 2, 2015	None	None
May 3, 2015	Somsom	40 m3
	Single Size	40 m3
May 4, 2015	Single Size	80 m3
May 5, 2015	Bitumen Protective Coating Material for Concrete Surfaces Nitoproof 15	8 PC
May 6, 2015	Filling Material	500 m3
May 7, 2015	Precast Water Manhole	2 PC
	Single Size	400 m3
May 8, 2015	None	None
May 9, 2015	Water Manholes Covers	12 PC
	Single Size	400 m3
	Sewer Manholes Covers	14 PC
May 10, 2015	Single Size	60 m3
May 11, 2015	Single Size	200 m3
	Filling Material	200 m3
May 12, 2015	Single Size	140 m3
May 13, 2015	Single Size	120 m3
May 14, 2015	Single Size	120 m3
	Precast Water Manhole	2 PC
	Filling Material	150 m3



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-00-13-00002
TASK ORDER NO. AID-294-TO-15-000001
Hebron WWTP Access Road



Material Log

Date	Material Delivered to Site	Quantity
May 15, 2015	None	None
May 16, 2015	Filling Material	400 m3
May 17, 2015	Filling Material	120 m3
May 18, 2015	None	None
May 19, 2015	Filling Material	200 m3
May 20, 2015	Filling Material	300 m3
May 21, 2015	Filling Material	120 m3
May 22, 2015	None	None
May 23, 2015	Filling Material	200 m3
	Concrete B300	7 m3
May 24, 2015	Single Size	100 m3
	Somsom	100 m3
May 25, 2015	Filling Material	300 m3
	Concrete B350	16 m3
May 26, 2015	Filling Material	200 m3
May 27, 2015	Filling Material	200 m3
May 28, 2015	Single Size	40 m3
	Concrete B350	12.5 m3
May 29, 2015	None	None
May 30, 2015	Base Coarse	200 m3
May 31, 2015	Base Coarse	80 m3



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-13-00002
TASK ORDER NO. AID-294-TO-15-000001
Hebron WWTP Access Road



Equipment Log

Date Equipment		15-Dec-15	16-Dec-15	17-Dec-15	18-Dec-15	19-Dec-15	20-Dec-15	21-Dec-15	22-Dec-15	23-Dec-15	24-Dec-15	25-Dec-15	26-Dec-15	27-Dec-15	28-Dec-15	29-Dec-15	30-Dec-15	31-Dec-15
		Grader	Quantity in use	0	0	0	0		0	0	0	0	0	0		0	0	0
Quantity idle	0		0	0	0		0	0	0	0	0	0		0	0	0	0	0
Wheel Loader	Quantity in use	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
	Quantity idle	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
Bob Cat	Quantity in use	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
	Quantity idle	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
Compactor	Quantity in use	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
	Quantity idle	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
JCB	Quantity in use	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
	Quantity idle	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
Excavator	Quantity in use	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
	Quantity idle	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
Trencher	Quantity in use	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
	Quantity idle	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
Welding Machine	Quantity in use	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
	Quantity idle	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0



Annex B:

Site Memorandum Log



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-00-13-00002
TASK ORDER NO. AID-294-TO-15-000001
Hebron WWTP Access Road



SITE MEMOS LOG FROM ENGINEER

No.	SM No.	Project	Description	Received Date	Type	Remarks
1	SM -15-000001-HAR-E-C-001	HAR	De- scoping for flow monitring chambers , instrumentations and SCADA	March 5, 2015	Site instruction	
2	SM -15-000001-HAR-E-C-002	HAR	Typical Cross Section For Segment A of the Road From STA.B 0+200 TO STA.B1+040	Retracted March-09,2015	Site instruction	
3	SM -15-000001-HAR-E-C-002	HAR	Typical Cross Section For Segment A of the Road From STA.B 0+200 TO STA.B1+040	March 10, 2015	Site instruction	
4	SM -15-000001-HAR-E-C-003	HAR	Additional 4" Water Gate Valve and Chamber at Sta . A0+182	March 16, 2015	Site instruction	
5	SM -15-000001-HAR-E-C-004	HAR	Response to SM-15-000001-C-E-001(Unstable Concrete Wall Adjacent to 4" water pipeline at Segment A)	April 6, 2015	Site instruction	
6	SM -15-000001-HAR-E-C-005	HAR	Trench Backfilling for Water Pipe Line at Segment B	May 12, 2015	Record of Unsatisfactory Work Practice	
7	SM -15-000001-HAR-E-C-006	HAR	Retaning Wall Concrete Fisish Quality at Seg.B	May 18, 2015	Record of Non Qualirty Compliance & Site Instruction	
8	SM -15-000001-HAR-E-C-007	HAR	Response to SM-15-000001-C-E-004(Landowners Objection Toward Construction of Retaining Wall at Segment A From Sta.A0+206 to Sta.A0+257 RHS) and SM-15-000001-C-E-005(Work prevention by landowners at Segment A From Sta.A0+230 to Sta.A0+480	May 18, 2015	Other	



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-00-13-00002
TASK ORDER NO. AID-294-TO-15-000001
Hebron WWTP Access Road



SITE MEMOS LOG_TO ENGINEER

No.	SM No.	Project	Description	Submitted Date	Type	Remarks
1	SM -15-000001-HAR-C-E-001	HAR	Unstable Concrete Wall Adjacent to 4" water pipeline at Segment A	April 1, 2015	Record of Unsafe Condition	
2	SM -15-000001-HAR-C-E-002	HAR	Telephone cable Adjacent to 4" water pipeline at Segment A	April 5, 2015	Record of Unsafe Condition	
3	SM -15-000001-HAR-C-E-003	HAR	Work disruption by landowners (Road Segment – A)	April 28, 2015	Other	
4	SM -15-000001-HAR-C-E-004	HAR	Landowners Objection Toward Construction of Retaining Wall at Segment A From Sta.A0+206 to Sta.A0+257 RHS	May 14, 2015	Other	
5	SM -15-000001-HAR-C-E-005	HAR	Work prevention by landowners at Segment A From Sta.A0+230 to Sta.A0+480	May 17, 2015	Other	
6	SM -15-000001-HAR-C-E-006	HAR	Work Disruption By Landowner	May 21, 2015	Other	



Annex C:

Inspection Request Log



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-00-13-00002
TASK ORDER NO. AID-294-TO-15-000001
Hebron WWTP Access Road



INSPECTION REQUEST LOG

No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
1	IR -15-01-HAR-001-A	Filed Office IT& Furniture	January 20, 2015	January 21, 2015	January 21, 2015	0	C	
2	IR -15-01-HAR-001-B	Filed Office IT& Furniture	January 25, 2015	January 25, 2015	January 26, 2015	1	A	
3	IR -15-01-HAR-002-A	Temporary Signs Location & Installation	January 29, 2015	January 29, 2015	January 29, 2015	0	A	
4	IR -15-01-HAR-003-A	Traffic signs locations	February 11, 2015	February 11, 2015	February 12, 2015	1	C	
5	IR -15-01-HAR-003-B	Traffic signs locations	February 12, 2015	February 12, 2015	February 15, 2015	3	A	
6	IR -15-01-HAR-004-A	Steel Pipes 2"	February 26, 2015	March 1, 2015	March 2, 2015	1	C	
7	IR -15-01-HAR-004-B	Steel Pipes 2"	March 25, 2015	March 25, 2015	March 26, 2015	1	A	
8	IR -15-01-HAR-005-A	Excavation to the proposed Retaining wall Foundation levels from Sta. B0+040 to B0+090 RHS	March 4, 2015	March 5, 2015	March 5, 2015	0	A	
9	IR -15-01-HAR-006-A	Steel Pipes 4"	March 5, 2015	March 8, 2015	March 9, 2015	1	A	
10	IR -15-01-HAR-007-A	Implementing Safety Traffic Plan at Segment A to Start Excavation	March 5, 2015	March 8, 2015	March 8, 2015	0	C	
11	IR -15-01-HAR-007-B	Implementing Safety Traffic Plan at Segment A From ST.A0+800 TO A1+005 to Start Digging only	March 9, 2015	March 9, 2015	March 9, 2015	0	C	
12	IR -15-01-HAR-007-C	Implementing Safety Traffic Plan at Segment A to Start Excavation	March 15, 2015	March 15, 2015	March 15, 2015	0	A	
13	IR -15-01-HAR-008-A	Retaining Wall Blinding Concrete From Sta.B0+040 to B0+090 RHS	March 17, 2015	March 17, 2015	March 17, 2015	0	A	
14	IR -15-01-HAR-009-A	Implementing Safety Traffic Plan for trenches excavation of 4" water line From Sta.A0+900 to Sta.A1+000	March 19, 2015	March 19, 2015	March 19, 2015	0	A	
15	IR -15-01-HAR-010-A	Retaining Wall Blinding Concrete From Sta.B0+090 to B0+230 RHS	March 19, 2015	March 19, 2015	March 19, 2015	0	A	
16	IR -15-01-HAR-011-A	Installation of 4" water pipeline (including trench bottom level , bedding , welding, backfilling , warning tape) From Sta.A0+950 to Sta.A0+974	March 19, 2015	March 19, 2015	March 19, 2015	0	A	
17	IR -15-01-HAR-012-A	Installation of 4" water pipeline (including trench bottom level , bedding , welding, backfilling , warning tape) From Sta.A0+800 to Sta.A0+950	March 19, 2015	March 21, 2015	March 22, 2015	1	A	



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18	IR -15-01-HAR-013-A	Retaining Walls Footing Level, Dimension , Formwork, Reinforcement From Sta.B0+040 to Sta.B0+090 RHS	March 22, 2015	March 22, 2015	March 22, 2015	0	A	
19	IR -15-01-HAR-014-A	Installation of 4" water pipeline (including trench bottom level , bedding , welding, backfilling , warning tape) From Sta.A0+740 to Sta.A0+800	March 23, 2015	March 23, 2015	March 24, 2015	1	A	
20	IR -15-01-HAR-015-A	Installation of 4" water pipeline (including trench bottom level , bedding , welding, backfilling , warning tape) From Sta.A0+660 to Sta.A0+740	March 24, 2015	March 24, 2015	March 25, 2015	1	A	
21	IR -15-01-HAR-016-A	Retaining Walls Footing Level, Dimension , Formwork, Reinforcement From Sta.B0+090 to Sta.B0+160 RHS	March 24, 2015	March 25, 2015	March 25, 2015	0	A	
22	IR -15-01-HAR-017-A	Installation of 4" water pipeline (including trench bottom level , bedding , welding, backfilling , warning tape) From Sta.A0+600 to Sta.A0+660	March 25, 2015	March 25, 2015	March 26, 2015	1	A	
23	IR -15-01-HAR-018-A	Installation of 4" water pipeline (including trench bottom level , bedding , welding, backfilling , warning tape) From Sta.A0+500 to Sta.A0+600	March 26, 2015	March 26, 2015	March 26, 2015	0	A	
24	IR -15-01-HAR-019-A	Installation of 4" water pipeline (including trench bottom level , bedding , welding, backfilling , warning tape) From Sta.A0+420 to Sta.A0+500	March 28, 2015	March 28, 2015	March 29, 2015	1	A	
25	IR -15-01-HAR-020-A	Retaining Walls Footing Level, Dimension , Formwork, Reinforcement From Sta.B0+150 to Sta.B0+230 RHS	March 29, 2015	March 29, 2015	March 29, 2015	0	A	
26	IR -15-01-HAR-021-A	Handing over ground level and ROW limits at Segment B From Sta.B0+550 to Sta.B0+650 RHS to start filling layers	March 29, 2015	March 29, 2015	March 30, 2015	1	A	
27	IR -15-01-HAR-022-A	Installation of 4" water pipeline (including trench bottom level , bedding , welding, backfilling , warning tape) From Sta.A0+320 to Sta.A0+420	March 29, 2015	March 29, 2015	March 30, 2015	1	A	
28	IR -15-01-HAR-023-A	Reinforced Wall Formwork From Sta.B0+082 to Sta.B0+090 RHS	March 30, 2015	March 30, 2015	March 30, 2015	0	A	
29	IR -15-01-HAR-024-A	Reinforced Wall (Levels , Reinforcement) From Sta.B0+082 to Sta.B0+090 RHS	March 30, 2015	March 30, 2015	March 30, 2015	0	A	
30	IR -15-01-HAR-025-A	Installation of 4" water pipeline (including trench bottom level , bedding , welding, backfilling , warning tape) From Sta.A0+250 to Sta.A0+320	March 30, 2015	March 30, 2015	March 31, 2015	1	A	



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31	IR -15-01-HAR-026-A	Reinforced Wall (Levels , Reinforcement) From Sta.B0+090 to Sta.B0+097.5 RHS	March 31, 2015	March 31, 2015	March 31, 2015	0	A	
32	IR -15-01-HAR-027-A	First filling layer Above subgrade at Segment B From Sta.B0+480 to Sta.B0+680	April 2, 2015	April 2, 2015	April 2, 2015	0	A	
33	IR -15-01-HAR-028-A	Reinforced Wall Formwork From Sta.B0+090 to Sta.B0+097.5 RHS	April 2, 2015	April 2, 2015	April 2, 2015	0	A	
34	IR -15-01-HAR-029-A	Retaining Wall Formwork From Sta.B0+074 to Sta.B0+082 RHS	April 2, 2015	April 2, 2015	April 2, 2015	0	A	
35	IR -15-01-HAR-030-A	Retaining Wall (Levels , Reinforcement) From Sta.B0+074 to Sta.B0+082 RHS	April 2, 2015	April 2, 2015	April 2, 2015	0	A	
36	IR -15-01-HAR-031-A	Implementing Safety Traffic Plan for trenches excavation of 4" water pipeline From Sta.A0+220 to Sta.A0+260 and From Sta.A0+970 to Sta.A1+002	April 2, 2015	April 4, 2015	April 5, 2015	1	A	
37	IR -15-01-HAR-032-A	Retaining Wall (Levels , Reinforcement)From Sta.B0+067.5 to Sta.B0+075 RHS & From Sta.B0+097.5 to Sta.B0+105 RHS	April 4, 2015	April 4, 2015	April 5, 2015	1	A	
38	IR -15-01-HAR-033-A	Retaining Wall Formwork From Sta.B0+067.5 to Sta.B0+075 RHS & From Sta.B0+097.5 to Sta.B0+105 RHS	April 5, 2015	April 5, 2015	April 5, 2015	0	A	
39	IR -15-01-HAR-034-A	Second Filling layer 50 cm at Segment B From Sta.B0+480 to Sta.B0+680	April 6, 2015	April 6, 2015	April 7, 2015	1	A	
40	IR -15-01-HAR-035-A	Installation of 4" water pipeline (including trench bottom level , bedding , welding, backfilling , warning tape) From Sta.A0+230 to Sta.A0+250	April 6, 2015	April 6, 2015	April 7, 2015	1	A	
41	IR -15-01-HAR-036-A	Retaining Wall (Levels , Reinforcement) From Sta.B0+105 to Sta.B0+120RHS	April 7, 2015	April 7, 2015	April 7, 2015	0	A	
42	IR -15-01-HAR-037-A	Retaining Wall Formwork From Sta.B0+105 to Sta.B0+112.8 RHS	April 7, 2015	April 7, 2015	April 7, 2015	0	A	
43	IR -15-01-HAR-038-A	Retaining Wall Formwork From Sta.B0+112.8 to Sta.B0+120 RHS	April 8, 2015	April 8, 2015	April 8, 2015	0	A	
44	IR -15-01-HAR-039-A	Retaining Wall (Levels , Reinforcement) From Sta.B0+120 to Sta.B0+127.5RHS & From Sta.B0+135 to Sta.B0+142.5RHS	April 9, 2015	April 9, 2015	April 9, 2015	0	A	



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45	IR -15-01-HAR-040-A	Retaining Wall Formwork From Sta.B0+120 to Sta.B0+127.5RHS & From Sta.B0+135 to Sta.B0+142.5RHS	April 9, 2015	April 9, 2015	April 9, 2015	0	A	
46	IR -15-01-HAR-041-A	Retaining Wall (Levels , Reinforcement) From Sta.B0+127.5 to Sta.B0+135RHS & From Sta.B0+142.5to Sta.B0+150RHS	April 13, 2015	April 13, 2015	April 13, 2015	0	A	
47	IR -15-01-HAR-042-A	Retaining Wall Formwork From Sta.B0+127.5 to Sta.B0+135RHS & From Sta.B0+142.5to Sta.B0+150RHS	April 14, 2015	April 14, 2015	April 14, 2015	0	A	
48	IR -15-01-HAR-043-A	Retaining Wall (Levels , Reinforcement) From Sta.B0+150 to Sta.B0+157.5RHS & From Sta.B0+165.5to Sta.B0+172RHS	April 15, 2015	April 15, 2015	April 15, 2015	0	A	
49	IR -15-01-HAR-044-A	Retaining Wall Formwork From Sta.B0+150 to Sta.B0+157.5RHS & From Sta.B0+165.5to Sta.B0+172RHS	April 15, 2015	April 15, 2015	April 16, 2015	1	A	
50	IR -15-01-HAR-045-A	Retaining Wall (Levels , Reinforcement) From Sta.B0+157.5 to Sta.B0+165 & Sta.B0+172.5 to Sta.B0+180 RHS	April 16, 2015	April 18, 2015	April 19, 2015	1	A	
51	IR -15-01-HAR-046-A	Retaining Wall Formwork From Sta.B0+157.5 to Sta.B0+165 & Sta.B0+172.5 to Sta.B0+180 RHS	April 16, 2015	April 18, 2015	April 19, 2015	1	A	
52	IR -15-01-HAR-047-A	Third Filling layer 25cm at Segment B From Sta.B0+480 to Sta.B0+680	April 20, 2015	April 20, 2015	April 20, 2015	0	C	
53	IR -15-01-HAR-047-B	Third Filling layer 25cm at Segment B From Sta.B0+480 to Sta.B0+680	April 27, 2015	April 27, 2015	April 27, 2015	0	A	
54	IR -15-01-HAR-048-A	Retaining Wall (Levels , Reinforcement) From Sta.B0+180 to Sta.B0+195	April 20, 2015	April 20, 2015	April 20, 2015	0	A	
55	IR -15-01-HAR-049-A	Retaining Wall Formwork From Sta.B0+180 to Sta.B0+195	April 20, 2015	April 20, 2015	April 20, 2015	0	A	
56	IR -15-01-HAR-050-A	Retaining Wall (Levels , Reinforcement) From Sta.B0+202.5 to Sta.B0+217.5	April 22, 2015	April 22, 2015	April 22, 2015	0	A	
57	IR -15-01-HAR-051-A	Retaining Wall Formwork From Sta.B0+202.5 to Sta.B0+217.5	April 22, 2015	April 22, 2015	April 22, 2015	0	A	
58	IR -15-01-HAR-052-A	Retaining Wall Preparation for Protective Coating From Sta.B0+067.5 to Sta.B0+120 RHS Nearby land Side	April 22, 2015	April 22, 2015	April 22, 2015	0	A	

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59	IR -15-01-HAR-053-A	Traffic Implementation to Start Widening Excavation From Sta.A1+000 to Sta.A1+056 RHS	April 22, 2015	April 22, 2015	April 22, 2015	0	A	
60	IR -15-01-HAR-054-A	Installation of 4" water pipeline (including trench bottom level , bedding , welding, backfilling , warning tape) From Sta.A0+020 to Sta.A0+080	April 22, 2015	April 22, 2015	April 23, 2015	1	A	
61	IR -15-01-HAR-055-A	Handing Over First Protective Coating of Retaining Wall From Sta.0+067.5 to Sta.B0+120 RHS	April 23, 2015	April 23, 2015	April 23, 2015	0	A	
62	IR -15-01-HAR-056-A	Handing Over Second Protective Coating of Retaining Wall (Outer Surface) to Start Backfilling From Sta.0+067.5 to Sta.B0+120 RHS	April 23, 2015	April 23, 2015	April 23, 2015	0	A	
63	IR -15-01-HAR-057-A	Retaining Wall Preparation for Protective Coating From Sta.B0+067.5 to Sta.B0+120 RHS Road Side	April 23, 2015	April 23, 2015	April 23, 2015	0	A	
64	IR -15-01-HAR-058-A	Retaining Wall (Levels , Reinforcement) From Sta.B0+217.5 to Sta.B0+230 RHS	April 23, 2015	April 23, 2015	April 23, 2015	0	A	
65	IR -15-01-HAR-059-A	Retaining Wall Formwork From Sta.B0+217.5 to Sta.B0+230 RHS	April 23, 2015	April 23, 2015	April 23, 2015	0	A	
66	IR -15-01-HAR-060-A	Excavation works (Leveling , Compaction) to start filling layer at Segment B From Sta.B0+680 to Sta.B0+980	April 23, 2015	April 23, 2015	April 23, 2015	0	A	
67	IR -15-01-HAR-061-A	Installation of 4" water pipeline (including trench bottom level , bedding , welding, backfilling , warning tape) From Sta.A0+080 to Sta.A0+180	April 23, 2015	April 25, 2015	April 26, 2015	1	A	
68	IR -15-01-HAR-062-A	Installation of 4" water pipeline (including trench bottom level , bedding , welding, backfilling , warning tape) From Sta.A0+180 to Sta.A0+200	April 26, 2015	April 26, 2015	April 27, 2015	1	A	
69	IR -15-01-HAR-063-A	Retaining Wall (Levels , Reinforcement) From Sta.B0+060 to Sta.B0+067.5 RHS & From Sta.B0+195 to Sta.B0+202.5 RHS	April 26, 2015	April 26, 2015	April 27, 2015	1	A	
70	IR -15-01-HAR-064-A	Retaining Wall Formwork From Sta.B0+060 to Sta.B0+067.5 RHS & From Sta.B0+195 to Sta.B0+202.5 RHS	April 26, 2015	April 27, 2015	April 27, 2015	0	A	
71	IR -15-01-HAR-065-A	Rock fill First Layer (Benching) From Sta.B0+860 to Sta.B0+920 RHS	April 26, 2015	April 26, 2015	April 27, 2015	1	A	



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72	IR -15-01-HAR-066-A	Road Center Line (Coordinates and levels and limits of ROW)From- Sta.B0+860 to Sta.B0+980-	April 26, 2015	April 26, 2015	Retracted-	R	Retracted	
73	IR -15-01-HAR-066-A	Retaining Wall Preparation for Protective Coating From Sta.B0+120 to Sta.B0+180 RHS Road land Side	April 27, 2015	April 28, 2015	April 28, 2015	0	C	A
74	IR -15-01-HAR-067-A	Handing Over First Protective Coating of Retaining Wall Road Side From Sta.0+067.5 to Sta.B0+120 RHS	April 26, 2015	April 26, 2015	April 27, 2015	1	A	
75	IR -15-01-HAR-068-A	Grabbing and Cleaning for the Road From Sta.B0+950 to Sta.B0+980	April 27, 2015	April 27, 2015	April 28, 2015	1	A	
76	IR -15-01-HAR-069-A	Rock fill First Layer (Benching) From Sta.B0+230 to Sta.B0+270 RHS	April 27, 2015	April 27, 2015	April 27, 2015	0	A	
77	IR -15-01-HAR-070-A	Handing Over Second Protective Coating of Retaining Wall Road Side From Sta.0+067.5 to Sta.B0+120 RHS	April 27, 2015	April 27, 2015	April 27, 2015	0	A	
78	IR -15-01-HAR-071-A	Installation of 4" water pipeline (including trench bottom level , bedding , welding, backfilling , warning tape) From Sta.A0+215 to Sta.A0+230 RHS	April 27, 2015	April 27, 2015	April 28, 2015	1	A	
79	IR -15-01-HAR-072-A	Retaining Wall Preparation for Protective Coating From Sta.B0+120 to Sta.B0+180 RHS Nearby land Side	April 27, 2015	April 27, 2015	April 28, 2015	1	C	
80	IR -15-01-HAR-072-B	Retaining Wall Preparation for Protective Coating From Sta.B0+120 to Sta.B0+180 RHS Nearby land Side	April 29, 2015	April 29, 2015	April 29, 2015	0	A	
81	IR -15-01-HAR-073-A	Threaded Galvanized Coupling Per SUB-15-000001-HAR-115-A	April 27, 2015	April 27, 2015	April 28, 2015	1	A	
82	IR -15-01-HAR-074-A	Retaining Wall (Levels , Reinforcement) From Sta.B0+043 to Sta.B0+060 RHS	April 29, 2015	April 29, 2015	April 29, 2015	0	A	
83	IR -15-01-HAR-075-A	Retaining Wall Formwork From Sta.B0+043 to Sta.B0+060 RHS	April 29, 2015	April 29, 2015	May 3, 2015	4	A	
84	IR -15-01-HAR-076-A	Rock Fill Layer From Sta.B0+860 to Sta.B0+940	April 29, 2015	April 29, 2015	April 29, 2015	0	A	



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85	IR -15-01-HAR-077-A	Handing Over Second Imported Filling layer (Fourth Embankment Layer) at Segment B From Sta.B0+480 to Sta.B0+680	April 29, 2015	April 29, 2015	April 29, 2015	0	A	
86	IR -15-01-HAR-078-A	Handing Over First Protective Coating of Retaining Wall Road Side From Sta.0+120 to Sta.B0+180 RHS	April 30, 2015	April 30, 2015	April 30, 2015	0	A	
87	IR -15-01-HAR-079-A	Handing Over Third Imported Filling layer (Fifth Embankment Layer) at Segment B From Sta.B0+480 to Sta.B0+680	May 2, 2015	May 2, 2015	May 2, 2015	0	A	
88	IR -15-01-HAR-080-A	Handing Over First Imported Filling layer (Third Embankment Layer) at Segment B From Sta.B0+860 to Sta.B0+930	May 2, 2015	May 2, 2015	May 3, 2015	1	A	
89	IR -15-01-HAR-081-A	Retaining Wall Preparation for Protective Coating From Sta.B0+180 to Sta.B0+230 RHS Road Side	May 2, 2015	May 2, 2015	May 3, 2015	1	A	
90	IR -15-01-HAR-082-A	Handing Over Second Protective Coating of Retaining Wall Road Side From Sta.0+120 to Sta.B0+180 RHS	May 2, 2015	May 2, 2015	May 3, 2015	1	A	
91	IR -15-01-HAR-083-A	Installation of 2" Water Pipeline at Segment B From Sta.B0+230 to Sta.B0+420 & From Sta.B0+720 to Sta.B0+860	May 3, 2015	May 3, 2015	May 4, 2015	1	C	
92	IR -15-01-HAR-083-B	Installation of 2" Water Pipeline at Segment B From Sta.B0+230 to Sta.B0+420 & From Sta.B0+720 to Sta.B0+860	May 5, 2015	May 5, 2015	May 6, 2015	1	C	
93	IR -15-01-HAR-083-C	Installation of 2" Water Pipeline at Segment B From Sta.B0+230 to Sta.B0+420 & From Sta.B0+720 to Sta.B0+860	May 7, 2015	May 7, 2015	May 7, 2015	0	A	
94	IR -15-01-HAR-084-A	Retaining Wall Backfill (Single Size Aggregate) at Segment B From Sta.B0+180 to Sta.B0+230	May 4, 2015	May 4, 2015	May 4, 2015	0	A	
95	IR -15-01-HAR-085-A	Rock Fill Layer (Benching) From Sta.B0+940to Sta.B0+980 RHS as per IR -15-01-HAR-068-A attachment	May 4, 2015	May 4, 2015	May 5, 2015	1	A	
96	IR -15-01-HAR-086-A	Retaining Wall Preparation for Protective Coating From Sta.B0+180 to Sta.B0+230 RHS Nearby Side	May 4, 2015	May 4, 2015	May 4, 2015	0	A	

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97	IR -15-01-HAR-087-A	Handing Over First Protective Coating of Retaining Wall Road Side From Sta.0+180 to Sta.B0+230 RHS	May 4, 2015	May 4, 2015	May 4, 2015	0	A	
98	IR -15-01-HAR-088-A	Handing Over Fourth Imported Filling layer (Sixth Embankment Layer) at Segment B From Sta.B0+480 to Sta.B0+680	May 4, 2015	May 5, 2015	May 5, 2015	0	A	
99	IR -15-01-HAR-089-A	Handing Over Second Protective Coating of Retaining Wall Road Side From Sta.0+180 to Sta.B0+230 RHS	May 4, 2015	May 5, 2015	May 6, 2015	1	A	
100	IR -15-01-HAR-090-A	Retaining Wall Preparation for Protective Coating From Sta.B0+043 to Sta.B0+067.5 RHS Road land Side & Nearby land Side	May 6, 2015	May 6, 2015	May 6, 2015	0	A	
101	IR -15-01-HAR-091-A	Handing Over Second Imported Filling layer (Third Embankment Layer) at Segment B From Sta.B0+870 to Sta.B0+920	May 6, 2015	May 6, 2015	May 7, 2015	1	C	
102	IR -15-01-HAR-091-B	Handing Over Second Imported Filling layer (Third Embankment Layer) at Segment B From Sta.B0+870 to Sta.B0+920	May 10, 2015	May 10, 2015	Retracted May 11,2015	R	Retracted	
103	IR -15-01-HAR-092-A	Handing Over Second Imported Filling layer (Third Embankment Layer) at Segment B From Sta.B0+680 to Sta.B0+715	May 6, 2015	May 6, 2015	May 7, 2015	1	C	
104	IR -15-01-HAR-092-B	Handing Over Second Imported Filling layer (Third Embankment Layer) at Segment B From Sta.B0+680 to Sta.B0+715	May 10, 2015	May 10, 2015	May 11, 2015	1	A	
105	IR -15-01-HAR-093-A	Precast Water Manhole Installation (Levels , Bedding , Backfilling) at Segment A at Sta.A0+180 Air Release Valve and at Sta.A0+180 Branch Gate Valve RHS	May 6, 2015	May 6, 2015	May 7, 2015	1	A	
106	IR -15-01-HAR-094-A	Installation of 4" water pipeline (including trench bottom level , bedding , welding, backfilling , warning tape) From Sta.A0+200 to Sta.A0+215 RHS and 30 m Branch RHS	May 9, 2015	May 9, 2015	May 10, 2015	1	A	
107	IR -15-01-HAR-095-A	Handing Over First Protective Coating of Retaining Wall Road & Nearby Side From Sta.0+043 to Sta.B0+067.5 RHS	May 10, 2015	May 10, 2015	May 10, 2015	0	A	
108	IR -15-01-HAR-096-A	Installation of 4" Road Crossing at Sta.A0+200	May 10, 2015	May 10, 2015	May 10, 2015	0	A	



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No.	IR No.	Description	Submitted Date	Inspection Date	Response Date	Review Days	1st Inspection	2nd Inspection
109	IR -15-01-HAR-097-A	Handing Over Fifth Imported Filling layer (Seventh Embankment Layer) at Segment B From Sta.B0+480 to Sta.B0+680	May 10, 2015	May 10, 2015	May 11, 2015	1	A	
110	IR -15-01-HAR-098-A	Handing Over Second Protective Coating Layer Retaining Wall Road & Nearby Side at Segment B From Sta.B0+043 to Sta.B0+067.5 RHS	May 10, 2015	May 11, 2015	May 11, 2015	0	A	
111	IR -15-01-HAR-099-A	Installation of 4" Road Crossing at Sta.A0+000	May 10, 2015	May 10, 2015	May 11, 2015	1	A	
112	IR -15-01-HAR-100-A	Handing Over Second Imported Filling layer (Benching) at Segment B From Sta.B0+230 to Sta.B0+290 RHS	May 12, 2015	May 12, 2015	May 12, 2015	0	A	
113	IR -15-01-HAR-101-A	Handing Over 4" water pipeline installation at Sta.A0+000 (Main Connection Toward existing Manhole)	May 12, 2015	May 12, 2015	May 12, 2015	0	A	
114	IR -15-01-HAR-102-A	Handing Over Rockfill Layer (Benching) at Segment B From Sta.B0+710 to Sta.B0+860 RHS	May 12, 2015	May 12, 2015	May 13, 2015	1	A	
115	IR -15-01-HAR-103-A	Handing Over Third Imported Filling layer Benching (Fourth Embankment Layer) at Segment B From Sta.B0+230 to Sta.B0+290	May 13, 2015	May 13, 2015	May 14, 2015	1	A	
116	IR -15-01-HAR-104-A	Handing Over Sixth Imported Filling layer Benching (Eight Embankment Layer) at Segment B From Sta.B0+540 to Sta.B0+670	May 13, 2015	May 13, 2015	May 14, 2015	1	A	
117	IR -15-01-HAR-105-A	Precast Water Manhole Installation (Levels , Bedding , Backfilling) at Segment A at Sta.A0+040 Washout	May 14, 2015	May 14, 2015	May 14, 2015	0	A	
118	IR -15-01-HAR-106-A	Installation of 2" Water Pipeline at Segment B From Sta.B0+230 to Sta.B0+130	May 16, 2015	May 16, 2015	May 17, 2015	1	A	
119	IR -15-01-HAR-107-A	Handing Over First Imported Filling layer (Benching) at Segment B From Sta.B0+710 to Sta.B0+860 RHS	May 16, 2015	May 16, 2015	May 17, 2015	1	A	
120	IR -15-01-HAR-108-A	Handing Over First Imported Filling layer (Benching) at Segment B From Sta.B0+940 to Sta.B0+980 RHS	May 16, 2015	May 16, 2015	May 17, 2015	1	C	



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121	IR -15-01-HAR-108-B	Handing Over First Imported Filling layer (Benching) at Segment B From Sta.B0+940 to Sta.B0+980 RHS	May 17, 2015	May 17, 2015	May 18, 2015	1	A	
122	IR -15-01-HAR-109-A	Installation of 2" Water Pipeline at Segment B From Sta.B0+860 to Sta.B0+920	May 17, 2015	May 17, 2015	May 17, 2015	0	A	
123	IR -15-01-HAR-110-A	Handing Over Sub-grade layer Imported material at Segment B From Sta.B0+240 to Sta.B0+450	May 18, 2015	May 18, 2015	May 19, 2015	1	D	
124	IR -15-01-HAR-110-B	Handing Over Sub-grade layer Imported material at Segment B From Sta.B0+240 to Sta.B0+450					P	
125	IR -15-01-HAR-111-A	Handing Over Fourth Imported Filling layer at Segment B From Sta.B0+680 to Sta.B0+710	May 19, 2015	May 19, 2015	May 19, 2015	0	D	A
126	IR -15-01-HAR-112-A	Handing Over Second Imported Filling layer (Benching) at Segment B From Sta.B0+710 to Sta.B0+860	May 19, 2015	May 19, 2015	May 19, 2015	0	D	A
127	IR -15-01-HAR-113-A	Handing Over Backfilling Single Sized Aggregate Behind RW to Level -67 From PGL at Segment B From Sta.B0+040 to Sta.B0+230 RHS	May 19, 2015	May 19, 2015	May 19, 2015	0	A	
128	IR -15-01-HAR-114-A	Handing Over Second Imported Filling layer (Benching) at Segment B From Sta.B0+940 to Sta.B0+980 RHS	May 21, 2015	May 23, 2015	May 23, 2015	0	A	
129	IR -15-01-HAR-115-A	Handing Over of 2" Water Pipeline at Segment B From Sta.B0+420 to Sta.B0+520 LHS	May 24, 2015	May 24, 2015	May 25, 2015	1	A	
130	IR -15-01-HAR-116-A	Handing Over First Imported Filling layer Over Single Sized Aggregate of RW Backfilling at Segment B From Sta.B0+050 to Sta.B0+230 RHS & Level -47 cm of PGL	May 24, 2015	May 24, 2015	May 25, 2015	1	A	
131	IR -15-01-HAR-117-A	Handing Over Third Imported Filling layer (Benching) at Segment B From Sta.B0+940 to Sta.B0+980 RHS.	May 24, 2015	May 24, 2015	May 25, 2015	1	A	
132	IR -15-01-HAR-118-A	Handing Over Fifth Imported Filling layer at Segment B From Sta.B0+680 to Sta.B0+710	May 24, 2015	May 24, 2015	May 25, 2015	1	A	



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133	IR -15-01-HAR-119-A	Handing Over Third Imported Filling layer (Benching) at Segment B From Sta.B0+710 to Sta.B0+860 RHS	May 24, 2015	May 24, 2015	May 25, 2015	1	A	
134	IR -15-01-HAR-120-A	Installation of Geotextile at Segment B From Sta.B0+240 to Sta.B0+680	May 25, 2015	May 25, 2015	May 25, 2015	0	A	
135	IR -15-01-HAR-121-A	Handing Over Fourth Imported Filling layer (Benching) at Segment B From Sta.B0+940 to Sta.B0+980 RHS.	May 26, 2015	May 26, 2015	May 26, 2015	0	A	
136	IR -15-01-HAR-122-A	Handing Over Sub-grade layer of imported material at Segment B From Sta.B0+240 to Sta.B0+400 including levels,compaction & cut side slop	May 27, 2015	May 27, 2015	May 28, 2015	1	A	
137	IR -15-01-HAR-123-A	Handing Over Sub-grade layer of imported material at Segment B From Sta.B0+430 to Sta.B0+660 including levels,compaction & cut side slop	May 27, 2015	May 27, 2015	May 28, 2015	1	A	
138	IR -15-01-HAR-124-A	Handing Over 5th imported filling layer at Segment B From Sta.B0+940 to Sta.B0+980 (Benching) RHS including levels & compaction	May 28, 2015	May 28, 2015	May 28, 2015	0	C	
139	IR -15-01-HAR-125-A	Handing Over installation of 2" water pipe line at Segment B From Sta.B0+520 to Sta.B0+860 LHS including levels , backfilling , warning tape & filterfabric	May 28, 2015	May 28, 2015	May 28, 2015	0	A	
140	IR -15-01-HAR-126-A	Handing Over excavation for precast water manhole washout at Sta.A0+930 and gate valve at Sta.A0+470 including levels and dimension	May 31, 2015	May 31, 2015			P	



Annex D:

Submittals Log.



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No.	Submittal No.	Project	Description	Submittal Classification	Submitted Date	Contract Due Date	Response Date	Review Days	Status
1	SUB-15-00001-HAR-001-A	HAR	Guarantee Certificate	Pre-Construction	December 16, 2014	January 15, 2015	December 28, 2014	12	E
2	SUB-15-00001-HAR-002-A	HAR	Insurance Certificate	Pre-Construction	December 16, 2014	January 15, 2015	December 28, 2014	12	E
3	SUB-15-00001-HAR-003-A	HAR	Scheduling Qualification	Pre-Construction	December 16, 2014	January 15, 2015	December 28, 2014	12	A
4	SUB-15-00001-HAR-004-A	HAR	Office Furniture	Pre-Construction	December 16, 2014	January 15, 2015	December 21, 2014	5	B
5	SUB-15-00001-HAR-005-A	HAR	Field Office Computer System	Pre-Construction	December 16, 2014	January 15, 2015	December 21, 2014	5	B
6	SUB-15-00001-HAR-006-A	HAR	Gate Valve GV3 (DN 50-100)	Material - Mec	December 18, 2014	January 17, 2015	December 28, 2014	10	B
7	SUB-15-00001-HAR-007-A	HAR	Dismantling Joints	Material - Mec	December 18, 2014	January 17, 2015	December 28, 2014	10	B
8	SUB-15-00001-HAR-008-A	HAR	Pressure transmitter type 528	Material - Mec	December 18, 2014	January 17, 2015	December 28, 2014	10	D
9	SUB-15-00001-HAR-008-B	HAR	Pressure transmitter type 528	Material - Mec	January 18, 2015	February 17, 2015	January 28, 2015	10	C
10	SUB-15-00001-HAR-008-C	HAR	Pressure transmitter type 528	Material - Mec	February 4, 2015	March 6, 2015	February 17, 2015	13	B
11	SUB-15-00001-HAR-009-A	HAR	Pressure Indicating Transmitter	Material - Mec	December 18, 2014	January 17, 2015	January 12, 2015	25	C
12	SUB-15-00001-HAR-009-B	HAR	Pressure Indicating Transmitter	Material - Mec	January 18, 2015	February 17, 2015	January 29, 2015	11	C
13	SUB-15-00001-HAR-009-C	HAR	Pressure Indicating Transmitter	Material - Mec	February 4, 2015	March 6, 2015	March 5, 2015	29	E
14	SUB-15-00001-HAR-010-A	HAR	Lighting surge arrester for control panel	Material - Mec	December 18, 2014	January 17, 2015	December 28, 2014	10	B
15	SUB-15-00001-HAR-011-A	HAR	Electromagnetic flowmeter	Material - Mec	December 18, 2014	January 17, 2015	January 4, 2015	17	C
16	SUB-15-00001-HAR-011-B	HAR	Electromagnetic flowmeter	Material - Mec	January 15, 2015	February 14, 2015	January 26, 2015	11	B



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17	SUB-15-00001-HAR-012-A	HAR	Flowmeters MAG8000	Material - Mec	December 18, 2014	January 17, 2015	January 11, 2015	24	B
18	SUB-15-00001-HAR-013-A	HAR	EC Declaration Danfoss 017R9601.02	Material - Mec	December 18, 2014	January 17, 2015	January 11, 2015	24	D
19	SUB-15-00001-HAR-014-A	HAR	Testing Lab CV	Pre-Construction	December 18, 2014	January 17, 2015	December 28, 2014	10	B
20	SUB-15-00001-HAR-015-A	HAR	Environmental Mitigation and Monitoring Plan (EMMP)	Pre-Construction	December 18, 2014	January 17, 2015	December 30, 2014	12	C
21	SUB-15-00001-HAR-015-B	HAR	Environmental Mitigation and Monitoring Plan (EMMP)	Pre-Construction	January 18, 2015	February 17, 2015	February 3, 2015	16	C
22	SUB-15-00001-HAR-015-C	HAR	Environmental Mitigation and Monitoring Plan (EMMP)	Pre-Construction	March 8, 2015	April 7, 2015	March 15, 2015	7	B
23	SUB-15-00001-HAR-016-A	HAR	Al Amir Ready Mixed Concrete Factory Profile	Construction	December 18, 2014	January 17, 2015	December 28, 2014	10	B
24	SUB-15-00001-HAR-017-A	HAR	Steel Reinforcement Manufacturers Data	Construction	December 18, 2014	January 17, 2015	December 28, 2014	10	C
25	SUB-15-00001-HAR-017-B	HAR	Steel Reinforcement Manufacturers Data	construction	January 11, 2015	February 10, 2015	January 12, 2015	1	B
26	SUB-15-00001-HAR-017-C	HAR	Steel Reinforcement Manufacturers Data / Up-Dated Certificate (For Engineers Record)	construction	February 23, 2015	March 25, 2015	March 4, 2015	9	B
27	SUB-15-00001-HAR-018-A	HAR	List of Permits and License	Pre-Construction	December 22, 2014	January 21, 2015	December 30, 2014	8	B
28	SUB-15-00001-HAR-019-A	HAR	Shop Drawing Frame and Cover Template	Pre-Construction	December 22, 2014	January 21, 2015	December 28, 2014	6	A
29	SUB-15-00001-HAR-020-A	HAR	Submittal Schedule	Pre-Construction	December 22, 2014	January 21, 2015	December 30, 2014	8	C
30	SUB-15-00001-HAR-020-B	HAR	Submittal Schedule	Pre-Construction	January 22, 2015	February 21, 2015	January 27, 2015	5	B
31	SUB-15-00001-HAR-021-A	HAR	Construction Risk Management Program	Pre-Construction	December 30, 2014	January 29, 2015	January 12, 2015	13	C
32	SUB-15-00001-HAR-021-B	HAR	Construction Risk Management Program	Pre-Construction	January 22, 2015	February 21, 2015	February 3, 2015	12	C



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33	SUB-15-00001-HAR-021-C	HAR	Construction Risk Management Program	Pre-Construction	February 18, 2015	March 20, 2015	February 24, 2015	6	B
34	SUB-15-00001-HAR-022-A	HAR	Water Manholes Covers "PAMREX"	Material - Mec	December 30, 2014	January 29, 2015	January 4, 2015	5	B
35	SUB-15-00001-HAR-023-A	HAR	Pre- Cast Concrete Manholes	Material - Mec	December 30, 2014	January 29, 2015	January 4, 2015	5	C
36	SUB-15-00001-HAR-023-B	HAR	Pre- Cast Concrete Manholes	Material - Mec	January 20, 2015	February 19, 2015	January 27, 2015	7	B
37	SUB-15-00001-HAR-024-A	HAR	Sewer Manholes Covers "PAMREX"	Material - Mec	December 30, 2014	January 29, 2015	January 4, 2015	5	B
38	SUB-15-00001-HAR-025-A	HAR	Strainers of Pipeline	Material - Mec	December 30, 2014	January 29, 2015	December 30, 2014	0	B
39	SUB-15-00001-HAR-026-A	HAR	Engineer's Field Office Location and Layout	Pre-Construction	January 5, 2015	February 4, 2015	January 6, 2015	1	B
40	SUB-15-00001-HAR-027-A	HAR	Preliminary Progress Schedule (60 Day Plan of Operation)	Pre-Construction	January 5, 2015	February 4, 2015	January 13, 2015	8	B
41	SUB-15-00001-HAR-028-A	HAR	Project Temporary Signs	Pre-Construction	January 11, 2015	February 10, 2015	January 12, 2015	1	B
42	SUB-15-00001-HAR-029-A	HAR	Manhole Covers Inscription	construction	January 13, 2015	February 12, 2015	February 2, 2015	20	C
43	SUB-15-00001-HAR-029-B	HAR	Manhole Covers Inscription	construction	February 9, 2015	March 11, 2015	February 11, 2015	2	B
44	SUB-15-00001-HAR-029-C	HAR	Manhole Covers Inscription/ Al Haddad Steel Company	construction	April 5, 2015	May 5, 2015	April 13, 2015	8	B
45	SUB-15-00001-HAR-030-A	HAR	Storage Yard	Pre-Construction	January 14, 2015	February 13, 2015	January 19, 2015	5	B
46	SUB-15-00001-HAR-031-A	HAR	Dumping Area	Pre-Construction	January 14, 2015	February 13, 2015	January 25, 2015	11	C
47	SUB-15-00001-HAR-031-B	HAR	Dumping Area	Pre-Construction	February 3, 2015	March 5, 2015	February 5, 2015	2	B
48	SUB-15-00001-HAR-032-A	HAR	(6 Cell Phones & 6 Jawwal SIM)	Construction	January 14, 2015	February 13, 2015	January 15, 2015	1	A



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49	SUB-15-00001-HAR-033-A	HAR	Dilapidation Survey	Pre-Construction	January 14, 2015	February 13, 2015	January 25, 2015	11	B
50	SUB-15-00001-HAR-034-A	HAR	Safety Plan	Pre-Construction	January 14, 2015	February 13, 2015	February 1, 2015	18	B
51	SUB-15-00001-HAR-035-A	HAR	Quality Control Plan	Pre-Construction	January 14, 2015	February 13, 2015	January 27, 2015	13	C
52	SUB-15-00001-HAR-035-B	HAR	Quality Control Plan	Pre-Construction	February 8, 2015	March 10, 2015	February 17, 2015	9	B
53	SUB-15-00001-HAR-036-A	HAR	Key Staff	Pre-Construction	January 15, 2015	February 14, 2015	January 19, 2015	4	E
54	SUB-15-00001-HAR-037-A	HAR	Pipes 4" & 2"	Material - Mec	January 15, 2015	February 14, 2015	January 19, 2015	4	B
55	SUB-15-00001-HAR-038-A	HAR	Pressure Gauge and snubber	Material - Mec	January 15, 2015	February 14, 2015	January 20, 2015	5	B
56	SUB-15-00001-HAR-039-A	HAR	Pressure Differential Switch	Material - Mec	January 18, 2015	February 17, 2015	January 28, 2015	10	B
57	SUB-15-00001-HAR-039-B	HAR	Pressure Differential Switch(For Engineer Record)	Material - Mec	February 5, 2015	March 7, 2015	February 17, 2015	12	C
58	SUB-15-00001-HAR-039-C	HAR	Pressure Differential Switch(For Engineer Record)	Material - Mec	May 14, 2015	June 13, 2015	May 20, 2015	6	E
59	SUB-15-00001-HAR-040-A	HAR	Traffic Control Plan	Pre-Construction	January 18, 2015	February 17, 2015	January 27, 2015	9	B
60	SUB-15-00001-HAR-041-A	HAR	Steel Flang	Material - Mec	January 18, 2015	February 17, 2015	February 1, 2015	14	B
61	SUB-15-00001-HAR-042-A	HAR	Temporary Signs Locations	Pre-Construction	January 20, 2015	February 19, 2015	January 25, 2015	5	B
62	SUB-15-00001-HAR-043-A	HAR	General Construction Method Statement	Pre-Construction	January 20, 2015	February 19, 2015	February 10, 2015	21	C
63	SUB-15-00001-HAR-043-B	HAR	General Construction Method Statement	Pre-Construction	February 12, 2015	March 14, 2015	February 17, 2015	5	B
64	SUB-15-00001-HAR-044-A	HAR	Ball Valves (DN50 and Smaller)	Material - Mec	January 25, 2015	February 24, 2015	January 28, 2015	3	B



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65	SUB-15-00001-HAR-045-A	HAR	Flange Gasket AFM34	Material - Mec	January 25, 2015	February 24, 2015	January 28, 2015	3	B
66	SUB-15-00001-HAR-046-A	HAR	Galvanized Malleable Iron Fitting	Material - Mec	January 25, 2015	February 24, 2015	January 28, 2015	3	B
67	SUB-15-00001-HAR-047-A	HAR	Combination Air Valves 2" & 4"	Material - Mec	January 25, 2015	February 24, 2015	January 28, 2015	3	B
68	SUB-15-00001-HAR-048-A	HAR	Bitumen Protective Coating Material for Concrete Surfaces Nitoproof 15	Material - Mec	January 25, 2015	February 24, 2015	February 1, 2015	7	B
69	SUB-15-00001-HAR-049-A	HAR	Water Line Warning Tape	Material - Mec	January 26, 2015	February 25, 2015	February 1, 2015	6	C
70	SUB-15-00001-HAR-049-B	HAR	Water Line Warning Tape	Material - Mec	February 8, 2015	March 10, 2015	February 11, 2015	3	C
71	SUB-15-00001-HAR-049-C	HAR	Water Line Warning Tape	Material - Mec	February 15, 2015	March 17, 2015	February 17, 2015	2	A
72	SUB-15-00001-HAR-050-A	HAR	Gate Valve GV2 (2"&4")	Material - Mec	January 26, 2015	February 25, 2015	January 28, 2015	2	B
73	SUB-15-00001-HAR-051-A	HAR	Welding Procedure	Material - Mec	January 26, 2015	February 25, 2015	January 28, 2015	2	C
74	SUB-15-00001-HAR-051-B	HAR	Welding Procedure	Material - Mec	February 17, 2015	March 19, 2015	March 4, 2015	15	C
75	SUB-15-00001-HAR-051-C	HAR	Welding Procedure	Material - Mec	March 8, 2015	April 7, 2015	March 9, 2015	1	A
76	SUB-15-00001-HAR-052-A	HAR	CPM Construction Schedule	Pre-Construction	January 27, 2015	February 26, 2015	February 9, 2015	13	C
77	SUB-15-00001-HAR-052-B	HAR	CPM Construction Schedule	Pre-Construction	March 2, 2015	April 1, 2015	Retracted March 03, 2015	R	Retracted
78	SUB-15-00001-HAR-052-B	HAR	CPM Construction Schedule	Pre-Construction	March 4, 2015	April 3, 2015	March 5, 2015	1	A
79	SUB-15-00001-HAR-053-A	HAR	Survey Plan for Segment B	Construction	January 27, 2015	February 26, 2015	February 1, 2015	5	B
80	SUB-15-00001-HAR-054-A	HAR	Traffic Sign Sample(Work Ahead)	Construction	January 27, 2015	February 26, 2015	February 4, 2015	8	B



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81	SUB-15-00001-HAR-055-A	HAR	Survey Plan for Segment A	Construction	January 27, 2015	February 26, 2015	February 5, 2015	9	B
82	SUB-15-00001-HAR-056-A	HAR	Backfill Material – Crushed Single Size Aggregate (Homos)	Material - Civil	January 27, 2015	February 26, 2015	January 29, 2015	2	B
83	SUB-15-00001-HAR-057-A	HAR	Bedding Material Aggregate- Granular Backfill Material (Somsom Size)	Material - Civil	January 27, 2015	February 26, 2015	January 29, 2015	2	B
84	SUB-15-00001-HAR-058-A	HAR	Swing check valve DN50 PN16 & PN25	Material - Mec	January 29, 2015	February 28, 2015	February 4, 2015	6	D
85	SUB-15-00001-HAR-058-B	HAR	Swing check valve DN50 PN16 & PN25	Material - Mec	February 22, 2015	March 24, 2015	March 5, 2015	11	E
86	SUB-15-00001-HAR-059-A	HAR	Flow Control Valve for Qelqes Connection Chamber	Material - Mec	January 29, 2015	February 28, 2015	February 4, 2015	6	C
87	SUB-15-00001-HAR-059-B	HAR	Flow Control Valve for Qelqes Connection Chamber	Material - Mec	March 24, 2015	April 23, 2015	April 8, 2015	15	B
88	SUB-15-00001-HAR-060-A	HAR	Flow & pressure reducing control valve	Material - Mec	February 1, 2015	March 3, 2015	February 4, 2015	3	D
89	SUB-15-00001-HAR-060-B	HAR	Flow & pressure reducing control valve	Material - Mec	February 18, 2015	March 20, 2015	March 5, 2015	15	B
90	SUB-15-00001-HAR-061-A	HAR	Pressure Relief valve for WWTP chamber	Material - Mec	February 1, 2015	March 3, 2015	February 4, 2015	3	B
91	SUB-15-00001-HAR-062-A	HAR	Base Course Testing Results- Al Jabri Crusher Plant	Material - Civil	February 2, 2015	March 4, 2015	February 3, 2015	1	B
92	SUB-15-00001-HAR-063-A	HAR	Identification Tape for sewer pipeline	Material - Civil	February 3, 2015	March 5, 2015	February 5, 2015	2	B
93	SUB-15-00001-HAR-064-A	HAR	Water Quality Testing Lab(WQTL)- Renewable Energy & Environrt Research Unit CV	Material - Civil	February 4, 2015	March 6, 2015	February 5, 2015	1	B
94	SUB-15-00001-HAR-065-A	HAR	Shop Drawing Plan Profile and Cross Sections From St. B 0+040 TO ST. B 0+480	Shop Drawing	February 5, 2015	March 7, 2015	February 11, 2015	6	C
95	SUB-15-00001-HAR-065-B	HAR	Shop Drawing Plan Profile and Cross Sections From St. B 0+040 TO ST. B 0+480	Shop Drawing	February 11, 2015	March 13, 2015	February 12, 2015	1	B
96	SUB-15-00001-HAR-065-C	HAR	Shop Drawing Plan Profile and Cross Sections From St. B 0+040 TO ST. B 0+480 For Construction	Shop Drawing	March 18, 2015	April 17, 2015	March 18, 2015	0	A



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97	SUB-15-00001-HAR-066-A	HAR	Heat Shrinkable Sleeve & Tapes	Material - Civil	February 15, 2015	March 17, 2015	February 17, 2015	2	D
98	SUB-15-00001-HAR-066-B	HAR	Heat Shrinkable Sleeve & Tapes	Material - Civil	February 18, 2015	March 20, 2015	March 4, 2015	14	B
99	SUB-15-00001-HAR-067-A	HAR	Shop Drawing Retaining Wall From ST. B0+040 TO ST.B0+090 RHS	Shop Drawing	February 12, 2015	March 14, 2015	February 17, 2015	5	C
100	SUB-15-00001-HAR-067-B	HAR	Shop Drawing Retaining Wall From ST. B0+040 TO ST.B0+090 RHS	Shop Drawing	February 23, 2015	March 25, 2015	March 2, 2015	7	B
101	SUB-15-00001-HAR-067-C	HAR	Shop Drawing Retaining Wall From ST. B0+040 TO ST.B0+088 RHS	Shop Drawing	March 8, 2015	April 7, 2015	March 16, 2015	8	A
102	SUB-15-00001-HAR-068-A	HAR	Shop Drawing Retaining Wall From ST. B0+090 TO ST.B0+200 RHS	Shop Drawing	February 15, 2015	March 17, 2015	February 17, 2015	2	C
103	SUB-15-00001-HAR-068-B	HAR	Shop Drawing Retaining Wall From ST. B0+090 TO ST.B0+200 RHS	Shop Drawing	February 25, 2015	March 27, 2015	March 11, 2015	14	B
104	SUB-15-00001-HAR-068-C	HAR	Shop Drawing Retaining Wall From ST. B0+090 TO ST.B0+200 RHS - For Construction	Shop Drawing	March 15, 2015	April 14, 2015	March 16, 2015	1	A
105	SUB-15-00001-HAR-069-A	HAR	Bedding Material Aggregate- Granular Backfill Material (Somsom Size)	Material - Civil	February 15, 2015	March 17, 2015	February 17, 2015	2	B
106	SUB-15-00001-HAR-070-A	HAR	Backfill Material – Crushed Single Size Aggregate - Abu Ramooz Crusher	Material - Civil	February 15, 2015	March 17, 2015	February 17, 2015	2	B
107	SUB-15-00001-HAR-071-A	HAR	GATE VALVE 100mm & 50mm	Shop Drawing	February 15, 2015	March 17, 2015	March 5, 2015	18	B
108	SUB-15-00001-HAR-071-B	HAR	GATE VALVE 100mm & 50mm - For Construction	Shop Drawing	May 6, 2015	June 5, 2015	May 13, 2015	7	A
109	SUB-15-00001-HAR-072-A	HAR	Combination air Valve 50mm	Shop Drawing	February 15, 2015	March 17, 2015	March 4, 2015	17	B
110	SUB-15-00001-HAR-072-B	HAR	Combination air Valve 50mm -For Construction	Shop Drawing	May 6, 2015	June 5, 2015	May 13, 2015	7	A
111	SUB-15-00001-HAR-073-A	HAR	WASHOUT OUTFALL IN URBAN AREAS 200mm&80mm	Shop Drawing	February 15, 2015	March 17, 2015	March 4, 2015	17	D
112	SUB-15-00001-HAR-073-B	HAR	WASHOUT OUTFALL IN URBAN AREAS 50 mm	Shop Drawing	March 9, 2015	April 8, 2015	March 12, 2015	3	B



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113	SUB-15-00001-HAR-073-C	HAR	WASHOUT OUTFALL IN URBAN AREAS 50 mm - For Construction	Shop Drawing	May 6, 2015	June 5, 2015	May 13, 2015	7	A
114	SUB-15-00001-HAR-074-A	HAR	Flow Monitoring Vault 100 mm	Shop Drawing	February 17, 2015	March 19, 2015	March 5, 2015	16	C
115	SUB-15-00001-HAR-074-B	HAR	Flow Monitoring Vault 100 mm	Shop Drawing	April 23, 2015	May 23, 2015	April 28, 2015	5	A
116	SUB-15-00001-HAR-075-A	HAR	Hot - Mix Asphalt Design - Nominal Size 3/4"	Material - Civil	February 18, 2015	March 20, 2015	February 18, 2015	0	B
117	SUB-15-00001-HAR-076-A	HAR	Segment A , Water Pipeline 100 mm Plan & Profile	Shop Drawing	February 18, 2015	March 20, 2015	March 5, 2015	15	B
118	SUB-15-00001-HAR-076-B	HAR	Segment A , Water Pipeline 100 mm Plan & Profile / For Construction	Shop Drawing	March 9, 2015	April 8, 2015	March 18, 2015	9	A
119	SUB-15-00001-HAR-077A	HAR	Manhole Steps	Material - Civil	February 18, 2015	March 20, 2015	March 4, 2015	14	A
120	SUB-15-00001-HAR-078-A	HAR	Shop Drawing Plan Profile and Cross Sections From St. B 0+480 TO ST. B 0+981.69	Shop Drawing	February 22, 2015	March 24, 2015	March 2, 2015	8	B
121	SUB-15-00001-HAR-078-B	HAR	Shop Drawing Plan Profile and Cross Sections From St. B 0+480 TO ST. B 0+981.69 (For Construction)	Shop Drawing	March 10, 2015	April 9, 2015	March 18, 2015	8	A
122	SUB-15-00001-HAR-079-A	HAR	Steel Fittings	Material - Mec	February 22, 2015	March 24, 2015	March 9, 2015	15	B
123	SUB-15-00001-HAR-080-A	HAR	Formwork Design for Retaining Works	Shop Drawing	February 22, 2015	March 24, 2015	February 24, 2015	2	C
124	SUB-15-00001-HAR-080-B	HAR	Formwork Design for Retaining Works	Shop Drawing	March 4, 2015	April 3, 2015	March 8, 2015	4	B
125	SUB-15-00001-HAR-081-A	HAR	Bolts, Washers & Nuts	Material - Mec	February 23, 2015	March 25, 2015	March 4, 2015	9	B
126	SUB-15-00001-HAR-082-A	HAR	Branding Plan	Construction	February 24, 2015	March 26, 2015	March 8, 2015	12	E
127	SUB-15-00001-HAR-083-A	HAR	Cement Curb Stone (25x 17x100 cm) / Al Amir Company	Construction	February 24, 2015	March 26, 2015	February 24, 2015	0	B
128	SUB-15-00001-HAR-084-A	HAR	MECHANICAL WWTP SERVICE CONNECTION CHAMBER	Shop Drawing	February 25, 2015	March 27, 2015	March 5, 2015	8	E



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129	SUB-15-00001-HAR-085-A	HAR	MECHANICAL QELOES CONNECTION CHAMBER	Shop Drawing	February 25, 2015	March 27, 2015	March 5, 2015	8	E
130	SUB-15-00001-HAR-086-A	HAR	Pre- Reinforced Concrete Pipe Culvert Diameter 1000 mm/ Al Amir Company	Material -Civil	February 26, 2015	March 28, 2015	March 17, 2015	19	B
131	SUB-15-00001-HAR-087-A	HAR	Cat Eyes -(IRIFLEX , Planing, Consulting & Manufacturing Ltd)	Material -Civil	February 26, 2015	March 28, 2015	March 4, 2015	6	B
132	SUB-15-00001-HAR-088-A	HAR	Concrete Ready Mix Design , Class B15 & B30	Material -Civil	March 2, 2015	April 1, 2015	March 17, 2015	15	B
133	SUB-15-00001-HAR-089-A	HAR	Concrete Ready Sewer Manhole Mix Design , Class B30 With Slag Cement	Material -Civil	March 4, 2015	April 3, 2015	March 16, 2015	12	C
134	SUB-15-00001-HAR-089-B	HAR	Concrete Ready Sewer Manhole Mix Design , Class B30 With Slag Cement	Material -Civil	March 24, 2015	April 23, 2015	April 2, 2015	9	C
135	SUB-15-00001-HAR-089-C	HAR	Concrete Ready Sewer Manhole Mix Design , Class B30 With Slag Cement	Material -Civil	04/23/2015	May 23, 2015	Retracted May 06,2015	R	R
136	SUB-15-00001-HAR-089-C	HAR	Concrete Ready Sewer Manhole Mix Design , Class B30 With Slag Cement	Material -Civil	May 10, 2015	June 9, 2015	May 20, 2015	10	B
137	SUB-15-00001-HAR-090-A	HAR	Prim Coat (Bitumol M-10) / Leading Waterproofing Technologies	Material -Civil	March 4, 2015	April 3, 2015	March 25, 2015	21	B
138	SUB-15-00001-HAR-091-A	HAR	Tack Coat (Bitumol STC) / Leading Waterproofing Technologies	Material -Civil	March 4, 2015	April 3, 2015	March 25, 2015	21	B
139	SUB-15-00001-HAR-092-A	HAR	Shop Drawing Retaining Wall From ST. B0+0200 TO ST.B0+300 RHS	Shop Drawing	March 4, 2015	April 3, 2015	March 11, 2015	7	B
140	SUB-15-00001-HAR-092-B	HAR	Shop Drawing Retaining Wall From ST. B0+0200 TO ST.B0+300 RHS - For Construction	Shop Drawing	March 15, 2015	April 14, 2015	March 16, 2015	1	A
141	SUB-15-00001-HAR-093-A	HAR	Shop Drawing Retaining Wall From ST. B0+0300 TO ST.B0+350 RHS	Shop Drawing	March 4, 2015	April 3, 2015	March 8, 2015	4	E
142	SUB-15-00001-HAR-094-A	HAR	JMF - Hot Mix Asphalt - HMAC / Binder Bituminous Course Layer 1" / Roots Company	Material -Civil	March 5, 2015	April 4, 2015	March 16, 2015	11	B
143	SUB-15-00001-HAR-095-A	HAR	Plan , Profile & Cross Sections - Segment A	Shop Drawing	March 9, 2015	April 7, 2015	Retracted March 11, 2015	R	Retracted
144	SUB-15-00001-HAR-095-A	HAR	Plan , Profile & Cross Sections - Segment A	Shop Drawing	March 11, 2015	April 10, 2015	March 30, 2015	19	C



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145	SUB-15-00001-HAR-095-B	HAR	Plan , Profile & Cross Sections - Segment A	Shop Drawing	April 8, 2015	May 8, 2015	April 16, 2015	8	B
146	SUB-15-00001-HAR-095-C	HAR	Plan , Profile & Cross Sections - Segment A / For Construction	Shop Drawing	April 21, 2015	May 21, 2015	April 29, 2015	8	A
147	SUB-15-00001-HAR-096-A	HAR	Precast concrete Sewer Pipe Dia 1500 mm	Material -Civil	March 9, 2015	April 8, 2015	March 18, 2015	9	B
148	SUB-15-00001-HAR-097-A	HAR	Safety Barriers Guardrail Type N2 - ESP2- W4	Material -Civil	March 9, 2015	April 8, 2015	March 15, 2015	6	C
149	SUB-15-00001-HAR-097-B	HAR	Safety Barriers Guardrail Type N2 - ESP2- W5	Material -Civil	March 31, 2015	April 30, 2015	April 6, 2015	6	B
150	SUB-15-00001-HAR-098-A	HAR	Water Chamber Manhole Covers "750 mm"/ Al Haddad Steel Company	Material -Civil	March 10, 2015	April 9, 2015	March 17, 2015	7	B
151	SUB-15-00001-HAR-099-A	HAR	Sewer Manhole Cover 600 mm "Al Haddad Steel Company"	Material -Civil	March 10, 2015	April 9, 2015	March 16, 2015	6	C
152	SUB-15-00001-HAR-099-B	HAR	Sewer Manhole Cover 600 mm "Al Haddad Steel Company"	Material -Civil	March 31, 2015	April 30, 2015	April 2, 2015	2	B
153	SUB-15-00001-HAR-100-A	HAR	Morex – Radio – Graphic Testing Agency – Welding Testing Lab	Material -Civil	March 10, 2015	April 9, 2015	March 12, 2015	2	A
154	SUB-15-00001-HAR-101-A	HAR	HAR Main Connection	Shop Drawing	March 10, 2015	April 9, 2015	March 12, 2015	2	B
155	SUB-15-00001-HAR-101-B	HAR	HAR Main Connection - For Construction	Shop Drawing	March 23, 2015	April 22, 2015	March 30, 2015	7	B
156	SUB-15-00001-HAR-102-A	HAR	Base Course Loose Sample Testing Results- Source Al Bushraa New (Abu Fathi) Crusher Plant	Material - Civil	March 10, 2015	April 9, 2015	March 16, 2015	6	B
157	SUB-15-00001-HAR-103-A	HAR	Qelqes Connection	Shop Drawing	March 11, 2015	April 10, 2015	March 12, 2015	1	B
158	SUB-15-00001-HAR-103-B	HAR	Qelqes Connection - For Construction	Shop Drawing	March 16, 2015	April 15, 2015	March 24, 2015	8	B
159	SUB-15-00001-HAR-104-A	HAR	Heat Shrinkable Tapes / Supplementary Data	Material - Civil	March 12, 2015	April 11, 2015	March 18, 2015	6	D
160	SUB-15-00001-HAR-104-B	HAR	Heat Shrinkable Tapes / Supplementary Data	Material - Civil	March 22, 2015	April 21, 2015	March 30, 2015	8	B



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161	SUB-15-00001-HAR-105-A	HAR	WWTP CONNECTION	Shop Drawing	March 12, 2015	April 11, 2015	March 15, 2015	3	B
162	SUB-15-00001-HAR-105-B	HAR	WWTP CONNECTION / For Construction	Shop Drawing	March 23, 2015	April 22, 2015	April 8, 2015	16	A
163	SUB-15-00001-HAR-106-A	HAR	Thermoplastic Paint Road Marking - Prismo Road Marking Ltd - Ennis Paint-Spain	Material - Civil	March 12, 2015	April 11, 2015	March 17, 2015	5	B
164	SUB-15-00001-HAR-107-A	HAR	Propeller Flow meters	Material - Mec	March 15, 2015	April 14, 2015	March 18, 2015	3	B
165	SUB-15-00001-HAR-108-A	HAR	Welders Qualification Report	Material - Mec	March 15, 2015	April 14, 2015	March 18, 2015	3	B
166	SUB-15-00001-HAR-109-A	HAR	Bedding Material -Aggregate- Granular Backfill Material (Somsom Size) - Source Al Bushraa New (Abu Fathi) Crusher	Material - Civil	March 15, 2015	April 14, 2015	March 17, 2015	2	B
167	SUB-15-00001-HAR-110-A	HAR	Backfill Material – Crushed Single Size Aggregate (Foul and Adas)- Source Al Bushraa New (Abu Fathi) Crusher	Material - Civil	March 15, 2015	April 14, 2015	March 17, 2015	2	B
168	SUB-15-00001-HAR-111-A	HAR	Plan , Profile Water Pipe Line 50mm From Sta.B0-020 to Sta.B0+987 LHS	Shop Drawing	March 16, 2015	April 15, 2015	March 30, 2015	14	B
169	SUB-15-00001-HAR-111-B	HAR	Plan , Profile Water Pipe Line 50mm From Sta.B0-020 to Sta.B0+987 LHS - Fo Construction	Shop Drawing	May 6, 2015	June 5, 2015	May 6, 2015	0	A
170	SUB-15-00001-HAR-112-A	HAR	Malleable iron fittings (alternative)	Material - Mec	March 22, 2015	April 21, 2015	April 13, 2015	22	C
171	SUB-15-00001-HAR-112-B	HAR	Malleable iron fittings (alternative)	Material - Mec	April 21, 2015	May 21, 2015	April 28, 2015	7	B
172	SUB-15-00001-HAR-113-A	HAR	Concrete Curing Method Statement	Construction	March 24, 2015	April 23, 2015	March 25, 2015	1	B
173	SUB-15-00001-HAR-114-A	HAR	Pressure reducing valve for WWTP chamber	Material - Mec	March 24, 2015	April 23, 2015	April 2, 2015	9	B
174	SUB-15-00001-HAR-115-A	HAR	Malleable iron fittings (alternative) / Source Coupling	Material - Mec	March 24, 2015	April 23, 2015	March 30, 2015	6	B
175	SUB-15-00001-HAR-116-A	HAR	Pressure Relief valve for WWTP chamber / Supplemetry Data	Material - Mec	March 25, 2015	April 24, 2015	March 30, 2015	5	A
176	SUB-15-00001-HAR-117-A	HAR	Segment B , Sewer Line Plan & Profile From Sta.S 0+000 to S0+	Shop Drawing	April 5, 2015	May 5, 2015	May 4, 2015	29	C



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177	SUB-15-00001-HAR-117-B	HAR	Segment B , Sewer Line Plan & Profile From Sta.S 0+000 to S0+	Shop Drawing	May 19, 2015	June 18, 2015			P
178	SUB-15-00001-HAR-118-A	HAR	Precast concrete Sewer Pipe Dia 1500 mm / Al Amir Company	Material - Civil	April 7, 2015	May 7, 2015	April 13, 2015	6	B
179	SUB-15-00001-HAR-119-A	HAR	Filter Fabric (Geotextile) Material	Material - Civil	April 8, 2015	May 8, 2015	April 13, 2015	5	A
180	SUB-15-00001-HAR-120-A	HAR	Box Culvert From Sta.B0+012 to Sta.B0+030	Shop Drawing	April 8, 2015	May 8, 2015	May 4, 2015	26	C
181	SUB-15-00001-HAR-120-B	HAR	Box Culvert From Sta.B0+012 to Sta.B0+030	Shop Drawing	May 21, 2015	June 20, 2015			P
182	SUB-15-00001-HAR-121-A	HAR	Galvanized Steel Tube - Traffic Signs/ Source GAL-LTD-IL	Material - Civil	April 13, 2015	May 13, 2015	April 16, 2015	3	B
183	SUB-15-00001-HAR-122-A	HAR	March Monthly Updated CPM Schedule	Material - Civil	April 13, 2015	May 13, 2015	April 15, 2015	2	B
184	SUB-15-00001-HAR-123-A	HAR	Traffic Signs Reflective Sheeting / Source 3M/3M Company Local Manufacture / 3M - Top Traffic Safety - LTD-IL	Material - Civil	April 13, 2015	May 13, 2015	April 16, 2015	3	B
185	SUB-15-00001-HAR-124-A	HAR	Selected Fill Material - Source Abed Al Aziz Khdoor Stone Quarry	Material - Civil	April 14, 2015	May 14, 2015	April 16, 2015	2	A
186	SUB-15-00001-HAR-125-A	HAR	Selected Fill Material - Source Mohamad Atrash Stone Quarry	Material - Civil	April 14, 2015	May 14, 2015	April 16, 2015	2	A
187	SUB-15-00001-HAR-126-A	HAR	Retaining Wall From Sta.A0+206 to Sta.A0+257 RHS	Shop Drawing	April 14, 2015	May 14, 2015	April 19, 2015	5	C
188	SUB-15-00001-HAR-126-B	HAR	Retaining Wall From Sta.A0+206 to Sta.A0+257 RHS	Shop Drawing	April 29, 2015	May 29, 2015	May 6, 2015	7	C
189	SUB-15-00001-HAR-126-C	HAR	Retaining Wall From Sta.A0+206 to Sta.A0+257 RHS	Shop Drawing	May 7, 2015	June 6, 2015	May 12, 2015	5	B
190	SUB-15-00001-HAR-127-A	HAR	Orifice plate sizing for flow control valves (Qelqes & WWTP)	Material - Mec	April 16, 2015	May 16, 2015	April 21, 2015	5	A
191	SUB-15-00001-HAR-128-A	HAR	Monthly Updated Quality Control Plan	Construction	April 19, 2015	May 19, 2015	April 23, 2015	4	C
192	SUB-15-00001-HAR-128-B	HAR	Monthly Updated Quality Control Plan	Pre-Construction	May 31, 2015	June 30, 2015			P



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193	SUB-15-00001-HAR-129-A	HAR	Monthly Updated Safety Plan	Construction	April 19, 2015	May 19, 2015	April 23, 2015	4	C
194	SUB-15-00001-HAR-129-B	HAR	Monthly Updated Safety Plan	Pre-Construction	May 17, 2015	June 16, 2015	May 28, 2015	11	B
195	SUB-15-00001-HAR-130-A	HAR	Monthly Updated Environmental Monitoring and Mitigation Plan	Construction	April 19, 2015	May 19, 2015	April 23, 2015	4	C
196	SUB-15-00001-HAR-130-B	HAR	Monthly Updated Environmental Monitoring and Mitigation Plan	Pre-Construction	May 26, 2015	June 25, 2015	May 28, 2015	2	B
197	SUB-15-00001-HAR-131-A	HAR	Monthly Updated CRMP	Construction	April 19, 2015	May 19, 2015	April 23, 2015	4	A
198	SUB-15-00001-HAR-132-A	HAR	Monthly Updated Submittal Schedule	Construction	April 20, 2015	May 20, 2015	April 23, 2015	3	C
199	SUB-15-00001-HAR-133-A	HAR	Concrete Repairing Material (Renderoc HSXtra by FOSROC)	Construction	April 21, 2015	May 21, 2015	April 22, 2015	1	B
200	SUB-15-00001-HAR-134-A	HAR	Concrete Repairing Method Statement	Construction	April 21, 2015	May 21, 2015	April 22, 2015	1	B
201	SUB-15-00001-HAR-135-A	HAR	Pipe Culvert From Sta B0+415 to Sta.B0+970	Shop Drawing	April 23, 2015	May 23, 2015	April 29, 2015	6	C
202	SUB-15-00001-HAR-135-B	HAR	Pipe Culvert From Sta B0+415 and Sta.B0+970	Shop Drawing	May 26, 2015	June 25, 2015			P
203	SUB-15-00001-HAR-136-A	HAR	Adjustable Pipe Support Sample	Material - Civil	April 26, 2015	May 26, 2015	May 11, 2015	15	B
204	SUB-15-00001-HAR-137-A	HAR	Sewer System of Segment B Method Statement	Pre-Construction	May 4, 2015	June 3, 2015	May 13, 2015	9	C
205	SUB-15-00001-HAR-138-A	HAR	Alternative Gate Valves PN 25 Metal Seated Raphael	Material- Mec	May 10, 2015	June 9, 2015	May 13, 2015	3	B
206	SUB-15-00001-HAR-139-A	HAR	Plan , Profile and Cross Section at Segment B From Sta.B0+000 to Sta.B0+040	Shop Drawing	May 10, 2015	June 9, 2015	May 12, 2015	2	B
207	SUB-15-00001-HAR-140-A	HAR	Internal Coating of Sewer Manhole – Source Fosroc Nitocote ET402E	Material - Civil	May 10, 2015	June 9, 2015	May 20, 2015	10	B
208	SUB-15-00001-HAR-141-A	HAR	Updated Original CPM Schedule Submittal April 30, 2015	Pre-Construction	May 10, 2015	June 9, 2015	May 12, 2015	2	B



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209	SUB-15-00001-HAR-142-A	HAR	Sewer Manhole Details	Shop Drawing	May 14, 2015	June 13, 2015	May 26, 2015	12	C
210	SUB-15-00001-HAR-142-B	HAR	Sewer Manhole Details	Shop Drawing	May 26, 2015	June 25, 2015			P
211	SUB-15-00001-HAR-143-A	HAR	Quality Control Manufacturing Plan for 1500mm Dia Concrete Sewer Pipe	Pre-Construction	May 18, 2015	June 17, 2015			P
212	SUB-15-00001-HAR-144-A	HAR	Base Course Comprehensive Testing Results- Al Dahdoor Crusher - Yatta City Test Report -NO: ST/15239	Material - Civil	May 20, 2015	June 19, 2015	May 24, 2015	4	B
213	SUB-15-00001-HAR-145-A	HAR	Gate Valve 100 mm at Sta.-0+020	Shop Drawing	May 21, 2015	June 20, 2015	May 24, 2015	3	E
214	SUB-15-00001-HAR-146-A	HAR	Method Statement Concrete Surface Repairing	Material-Civil	May 24, 2015	June 23, 2015	May 28, 2015	4	B
215	SUB-15-00001-HAR-147-A	HAR	Synthetic Rubber Gasket	Material-Civil	May 24, 2015	June 23, 2015			P
216	SUB-15-00001-HAR-148-A	HAR	May Monthly Updated Quality Control Plan	Material-Civil	May 31, 2015	June 30, 2015			P



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1	TEST -15-000001-HAR-001-A	HAR	Excavated Material Test Report -Report No (ST/15026/INSP) From ST. B0+040 TO ST.B0+430	Inspection Report	March 5, 2015	April 4, 2015	March 9, 2015	4	A
2	TEST -15-000001-HAR-002-A	HAR	Soil Testing and Geotechnical Analysis Report , Construction of Reinforced Concrete Retaining Wall	Geotechnical Report for RW Stability	March 10, 2015	April 9, 2015	March 25, 2015	15	A
3	TEST -15-000001-HAR-003-A	HAR	Field Density of Base Course Layer / Below Retaining Walls Footing From Sta.B0+040 to Sta.B0+090 RHS Test Report No : (ST/35148)	Field Density	March 23, 2015	April 22, 2015	March 25, 2015	2	A
4	TEST -15-000001-HAR-004-A	HAR	Bedding Backfilling Material Aggregate - Somsom Size	Gradation	March 26, 2015	April 25, 2015	March 26, 2015	0	A
5	TEST -15-000001-HAR-005-A	HAR	Backfilling Material Aggregate - Single Size (Homos Aggregate)	Gradation	March 26, 2015	April 25, 2015	March 26, 2015	0	A
6	TEST -15-000001-HAR-006-A	HAR	Test Report - Reinforcement Deformed Steel Bars	Yield Strength	March 26, 2015	April 25, 2015	March 26, 2015	0	A
7	TEST -15-000001-HAR-007-A	HAR	Test Report - Concrete Compressive Strength / Footing of RW Between Sta.B0+040 to Sta.B0+090 RHS	Compressive Strength	April 5, 2015	May 5, 2015	April 14, 2015	9	A
8	TEST -15-000001-HAR-008-A	HAR	Test Report - Bedding Material Aggregate - Somsom Size / WWTP Access Road at Sta.0+450	Sieve Analysis	April 5, 2015	May 5, 2015	April 14, 2015	9	A
9	TEST -15-000001-HAR-009-A	HAR	Test Report -Backfill Material Aggregate - Homos Size / WWTP Access Road Between Sta.0+000 - Sta.0+500	Sieve Analysis	April 5, 2015	May 5, 2015	April 14, 2015	9	A
10	TEST -15-000001-HAR-010-A	HAR	Test Report -NO: BM/CT/15579 Concrete Compressive Strength	Compressive Strength	April 14, 2015	May 14, 2015	April 14, 2015	0	A
11	TEST -15-000001-HAR-011-A	HAR	Test Report -NO: BM/CT/15568 Concrete Compressive Strength	Compressive Strength	April 14, 2015	May 14, 2015	April 14, 2015	0	A
12	TEST -15-000001-HAR-012-A	HAR	Test Report -NO: BM/CT/15594 Concrete Compressive Strength	Compressive Strength	April 20, 2015	May 20, 2015	April 21, 2015	1	B
13	TEST -15-000001-HAR-013-A	HAR	Test Report -NO: BM/CT/15592 Concrete Compressive Strength	Compressive Strength	April 20, 2015	May 20, 2015	April 21, 2015	1	B
14	TEST -15-000001-HAR-014-A	HAR	Test Report -NO: BM/CT/15508 Concrete Compressive Strength / Footing of the RW between station 0+040 to 0+090 RHS	Compressive Strength	April 21, 2015	May 21, 2015	April 22, 2015	1	A
15	TEST -15-000001-HAR-015-A	HAR	Test Report -NO: ST/15170 Loose Sample of Imported Selected Filled Material B0+480 to 0+710	Sieve Analysis	April 21, 2015	May 21, 2015	April 22, 2015	1	A
16	TEST -15-000001-HAR-016-A	HAR	Test Report -NO: BM/CT/15623 Concrete Compressive Strength / RW between station 0+150 to 0+157.5RHS & 0+165 to 0+172.5RHS	Comprehensive Test	April 28, 2015	May 28, 2015	May 3, 2015	5	A

17	TEST -15-000001-HAR-017-A	HAR	Test Report -NO: BM/CT/15628 Concrete Compressive Strength / RW between station 0+157.5 to 0+165 RHS & 0+172.5 to 0+180 RHS	Comprehensive Test	April 28, 2015	May 28, 2015	May 3, 2015	5	A
18	TEST -15-000001-HAR-018-A	HAR	Test Report -NO: ST/15160 Loose Sample of Excavated Material B0+000-B0+040 at Sta.B0+020	Sieve Analysis	April 28, 2015	May 28, 2015	May 27, 2015	29	A
19	TEST -15-000001-HAR-019-A	HAR	Test Report -NO: BM/CT/15594 Concrete Compressive Strength / RW between station 0+112.8 to 0+120 RHS	Comprehensive Test	April 28, 2015	May 28, 2015	May 3, 2015	5	A
20	TEST -15-000001-HAR-020-A	HAR	Test Report -NO: BM/CT/15592 Concrete Compressive Strength / RW between station 0+105 to 0+112.8 RHS	Comprehensive Test	April 28, 2015	May 28, 2015	May 3, 2015	5	A
21	TEST -15-000001-HAR-021-A	HAR	Test Report -NO: BM/CT/15579 Concrete Compressive Strength / RW between station 0+067.5 to 0+075 RHS & 0+097.5 to 0+105 RHS	Comprehensive Test	April 28, 2015	May 28, 2015	May 3, 2015	5	A
22	TEST -15-000001-HAR-022-A	HAR	Test Report -NO: BM/CT/15568 Concrete Compressive Strength / RW between station 0+074 to 0+082 RHS & 0+090 to 0+098 RHS	Comprehensive Test	April 28, 2015	May 28, 2015	May 3, 2015	5	A
23	TEST -15-000001-HAR-023-A	HAR	Test Report -NO: BM/CT/15551 Concrete Compressive Strength / Footing of RW between station 0+150 to 0+230 RHS	Comprehensive Test	April 28, 2015	May 28, 2015	May 3, 2015	5	A
24	TEST -15-000001-HAR-024-A	HAR	Test Report -NO: BM/CT/15551 Concrete Compressive Strength / Footing of RW between station 0+090 to 0+152 RHS	Comprehensive Test	April 28, 2015	May 28, 2015	May 3, 2015	5	A
25	TEST -15-000001-HAR-025-A	HAR	Test Report -NO: BM/CT/15508 Concrete Compressive Strength / Footing of RW between station 0+040 to 0+090 RHS / 28 Day	Comprehensive Test	April 28, 2015	May 28, 2015	May 3, 2015	5	A
26	TEST -15-000001-HAR-026-A	HAR	Test Report -NO: ST/15195 Fill Material - Loose Sample From Sta. B0+840 to B0+980 at Sta.B0+960	Sieve Analysis	May 10, 2015	June 9, 2015	May 27, 2015	17	A
27	TEST -15-000001-HAR-027-A	HAR	Test Report -NO: ST/15197 Fill Material - Loose Sample , Second Layer Between Stations 0+480 & 0+670	Sieve Analysis	May 10, 2015	June 9, 2015	May 14, 2015	4	A
28	TEST -15-000001-HAR-028-A	HAR	Test Report -NO: BM/CT/15557 Concrete Compressive Strength of RW From Sta.B0+082 to Sta.B0+090 RHS-28 Day	Comprehensive Test	May 10, 2015	June 9, 2015	May 14, 2015	4	A
29	TEST -15-000001-HAR-029-A	HAR	Test Report -NO: BM/CT/15568 Concrete Compressive Strength of RW From Sta.B0+074 to Sta.B0+082 & From Sta.B0+090 to Sta.B0+098 RHS -28 Day	Comprehensive Test	May 10, 2015	June 9, 2015	May 14, 2015	4	A
30	TEST -15-000001-HAR-030-A	HAR	Test Report -NO: BM/CT/15579 Concrete Compressive Strength / RW between station 0+067.5 to 0+075 RHS & 0+097.5 to 0+105 RHS - 28 Day	Comprehensive Test	May 10, 2015	June 9, 2015	May 14, 2015	4	A
31	TEST -15-000001-HAR-031-A	HAR	Test Report -NO: ST/FD/15227 Density of Soil In Place (Sand Cone Method) Between Sta.B0+480 to Sta.B0+670 & From Sta.B0+860 to Sta.B0+920	Field Density	May 13, 2015	June 12, 2015	May 14, 2015	1	C
32	TEST -15-000001-HAR-031-B	HAR	Test Report -NO: ST/FD/15227 Density of Soil In Place (Sand Cone Method) Between Sta.B0+480 to Sta.B0+670 & From Sta.B0+860 to Sta.B0+920	Field Density	May 20, 2015	June 19, 2015	May 26, 2015	6	A
33	TEST -15-000001-HAR-032-A	HAR	Test Report -NO: ST/FD/15212 Density of Soil In Place (Sand Cone Method)First Layer Between Sta.B0+480 to Sta.B0+680	Field Density	May 13, 2015	June 12, 2015	May 14, 2015	1	C
34	TEST -15-000001-HAR-032-B	HAR	Test Report -NO: ST/FD/15212 Density of Soil In Place (Sand Cone Method)First Layer Between Sta.B0+480 to Sta.B0+680	Field Density	May 20, 2015	June 19, 2015	May 26, 2015	6	A

35	TEST -15-000001-HAR-033-A	HAR	Test Report -NO: BM/CT/15664 Concrete Compressive Strength / RW between station 0+060 to 0+067.5RHS & 0+195 to 0+202.5 RHS -7 Days	Comprehensive Test	May 13, 2015	June 12, 2015	May 14, 2015	1	A
36	TEST -15-000001-HAR-034-A	HAR	Test Report -NO: BM/CT/15592 Concrete Compressive Strength / RW between station 0+105 to 0+112.8 RHS - 28 Day	Comprehensive Test	May 13, 2015	June 12, 2015	May 14, 2015	1	A
37	TEST -15-000001-HAR-035-A	HAR	Test Report -NO: BM/CT/15594 Concrete Compressive Strength / RW between station 0+112.8 to 0+120 RHS - 28 Day	Comprehensive Test	May 13, 2015	June 12, 2015	May 14, 2015	1	A
38	TEST -15-000001-HAR-036-A	HAR	Test Report -NO: BM/CT/15601 Concrete Compressive Strength / RW between station Sta.B0+120 to Sta.B0+127.5 & From Sta.B0+135 to Sta.B0+142.5 RHS - 28 Day	Comprehensive Test	May 13, 2015	June 12, 2015	May 14, 2015	1	A
39	TEST -15-000001-HAR-037-A	HAR	Test Report -NO: BM/CT/15652 Concrete Compressive Strength / RW between station Sta.B0+217.5 to Sta.B0+230 - 7 Days	Comprehensive Test	May 13, 2015	June 12, 2015	May 14, 2015	1	A
40	TEST -15-000001-HAR-038-A	HAR	Test Report -NO: BM/CT/15643 Concrete Compressive Strength / RW between station Sta.B0+202.5 to Sta.B0+217.5 - 7 Days	Comprehensive Test	May 13, 2015	June 12, 2015	May 14, 2015	1	A
41	TEST -15-000001-HAR-039-A	HAR	Test Report -NO: BM/CT/15635 Concrete Compressive Strength / RW between station Sta.B0+180 to Sta.B0+195 - 7 Days	Comprehensive Test	May 13, 2015	June 12, 2015	May 14, 2015	1	A
42	TEST -15-000001-HAR-040-A	HAR	Test Report -NO: ST/FD/15260 Field Density Test - Fill Material / Selected Imported Material From Sta.B0+480 to Sta.B0+680 & From Sta.B0+680 to Sta.B0+710	Sand Cone Method	May 20, 2015	June 19, 2015	May 26, 2015	6	A
43	TEST -15-000001-HAR-041-A	HAR	Test Report -NO: ST/FD/15269 Field Density Test - Fill Materials / First Layer at Sta.B0+270 RHS	Sand Cone Method	May 20, 2015	June 19, 2015	May 26, 2015	6	A
44	TEST -15-000001-HAR-042-A	HAR	Test Report -NO: ST/FD/15269 Field Density Test - Fill Materials /Selected Imported Material at Sta.B0+620M	Sand Cone Method	May 20, 2015	June 19, 2015	May 26, 2015	6	A
45	TEST -15-000001-HAR-043-A	HAR	Test Report -NO: ST/FD/15279 Field Density Test - Fill Materials /Selected Imported Material at Sta.B0+725 RHS and From Sta.B0+940 to Sta.B0+998	Sand Cone Method	May 20, 2015	June 19, 2015	May 26, 2015	6	C
46	TEST -15-000001-HAR-044-A	HAR	Test Report -NO: ST/15233 Selected Imported Materials / Fill Materials of Thickness 25 cm / First Layer Between Sta.B0+230 to Sta.B0+290 RHS	Sand Cone Method	May 20, 2015	June 19, 2015	May 26, 2015	6	A
47	TEST -15-000001-HAR-045-A	HAR	Test Report -NO: BM/CT/15681 Concrete Compressive Strength / RW between station Sta.B0+040 to Sta.B0+060 - 7 Days	Comprehensive Test	May 20, 2015	June 19, 2015	May 21, 2015	1	A
48	TEST -15-000001-HAR-046-A	HAR	Test Report -NO: BM/CT/15623 Concrete Compressive Strength / RW between station 0+150 to 0+157.5RHS & 0+165 to 0+172.5RHS - 28 Day	Comprehensive Test	May 20, 2015	June 19, 2015	May 26, 2015	6	A
49	TEST -15-000001-HAR-047-A	HAR	Test Report -NO: BM/CT/15628 Concrete Compressive Strength / RW between station 0+157.5 to 0+165 RHS & 0+172.5 to 0+180RHS - 28 Day	Comprehensive Test	May 20, 2015	June 19, 2015	May 21, 2015	1	A
50	TEST -15-000001-HAR-048-A	HAR	Test Report -NO: ST/15241 Comprehensive Test Filling Layer / Plate Sample From Sta.B0+480 Sta.B0+980	Comprehensive Test	May 20, 2015	June 19, 2015	May 21, 2015	1	A
51	TEST -15-000001-HAR-049-A	HAR	Test Report -NO: ST/15248 Excavated Material of Segment A From Sta.A0+210 to Sta.A1+056	Size Distribution	May 20, 2015	June 19, 2015			P
52	TEST -15-000001-HAR-050-A	HAR	Test Report -NO: BM/COR/15015 Water Manhole Core Strength	Concrete Core Strength	May 20, 2015	June 19, 2015	May 21, 2015	1	A

53	TEST -15-000001-HAR-051-A	HAR	Test Report -NO: ST/FD/15285 Selected Imported Materials / Fill Materials Fourth Layer Between Sta.B0+680 to Sta.B0+710 & Second Layer Between Sta.B0+710 to Sta.B0+860	Sand Cone Method	May 24, 2015	June 23, 2015	May 26, 2015	2	C
54	TEST -15-000001-HAR-052-A	HAR	Test Report -NO: BM/CT/15619 Concrete Compressive Strength / RW between station Sta.B0+127.5 to Sta.B0+135 & From Sta.B0+142.5 to Sta.B0+150 - 28 Days	Comprehensive Test	May 24, 2015	June 23, 2015	May 26, 2015	2	A
55	TEST -15-000001-HAR-053-A	HAR	Test Report -NO: BM/CT/15635 Concrete Compressive Strength / RW between station Sta.B0+180 to Sta.B0+195 - 28 Days	Comprehensive Test	May 24, 2015	June 23, 2015	May 26, 2015	2	A
56	TEST -15-000001-HAR-054-A	HAR	Test Report -NO: ST/FD/15284 Selected Imported Materials / Fill Materials First Layer Between Sta.B0+940 to Sta.B0+980	Sand Cone Method	May 24, 2015	June 23, 2015	May 26, 2015	2	A
57	TEST -15-000001-HAR-055-A	HAR	Test Report -NO: ST/FD/15222 Selected Imported Materials / Fill Materials of Thickness 20 cm / Second Layer Between Sta.B0+480 to Sta.B0+710	Sand Cone Method	May 24, 2015	June 23, 2015	May 26, 2015	2	P
58	TEST -15-000001-HAR-056-A	HAR	Test Report -NO: ST/FD/15255 Selected Imported Materials / Fill Materials of Thickness 25cm / Fourth Layer Between Sta.B0+480 to Sta.B0+680	Sand Cone Method	May 24, 2015	June 23, 2015	May 26, 2015	2	A
59	TEST -15-000001-HAR-057-A	HAR	Test Report -NO: PLT/15001 Bearing Plate Loading Test Report of Backfill Layer Between Sta.B0+710 to Sta.B0+980	Bearing Plate	May 24, 2015	June 23, 2015			P
60	TEST -15-000001-HAR-058-A	HAR	Test Report -NO: BM/CT/15643 Concrete Compressive Strength / RW between station Sta.B0+202.5 to Sta.B0+217.5 - 28 Days	Comprehensive Test	May 26, 2015	June 25, 2015			P
61	TEST -15-000001-HAR-059-A	HAR	Test Report -NO: ST/15262 Comprehensive Test Filling Layer / Loose Sample From Sta.B0+000 Sta.B0+980	Bearing Plate	May 26, 2015	June 25, 2015			P
62	TEST -15-000001-HAR-060-A	HAR	Test Report -NO: ST/15268 Selected Fill Material / Fill Materials of Compacted thickness 25 cm between Station 0+680 to 0+710 fifth layer & From 0+940 to 0+980 third Layer	Sand Cone Method	May 26, 2015	June 25, 2015			P



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-15-000001
Hebron WWTP Access Road



REQUEST FOR INFORMATION LOG									
No.	RFI No.	Project	Description	Submitted Date	Contract Due Date	Response Date	Review Days	Transmittal No.	Remarks
1	RFI-HAR-15-000001-001	HAR	Replacement of the Sewer Concrete Pipes(RCP) 1500mm by Corrugated HDPE Pipes 1500mm	January 11, 2015	February 11, 2015	February 8, 2015	28	TRS-15-000001-HAR-006	Provide Supplementary Information
2	RFI-HAR-15-000001-002	HAR	Substitution New Jersey Barriers with Steel Mini Guard	January 14, 2015	February 13, 2015	January 18, 2015	4	TRS-15-000001-HAR-007	
3	RFI-HAR-15-000001-003	HAR	Flow control valve and related valves of QELQES service connection chamber	February 10, 2015	March 10, 2015	March 5, 2015	23	TRS-15-000001-HAR-026	
4	RFI-HAR-15-000001-004	HAR	Replacement of Reinforced Concrete Sewer Pipes (RCP) 1500mm by Steel Reinforced HDPE Pipes	February 19, 2015	March 19, 2015	March 1, 2015	10	TRS-15-000001-HAR-033	Not Acceptable
5	RFI-HAR-15-000001-005	HAR	Replacement of the Sewer Concrete Pipes (RCP) 1500 mm by Corrugated HDPE Pipes 1500 mm	March 8, 2015	April 8, 2015	March 10, 2015	2	TRS-15-000001-C-E-043	Not Acceptable
6	RFI-HAR-15-000001-006	HAR	Mechanical detail for replacement of existing chamber	May 28, 2015	June 28, 2015	P		TRS-15-000001-C-E-081	



Annex F:

Payments Log



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-00-13-00002
TASK ORDER NO. AID-294-TO-15-000001
Hebron WWTP Access Road



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-15-000001-HAR-001	15-000001	\$ 93,284.00	\$ 93,284.00	\$ 2,598,705.00	\$ 2,505,421.00	February 17, 2015	February 18, 2015	1	Kamal Kasbary
2	Pay-15-000001-HAR-002	15-000001	\$ 188,519.77	\$ 281,803.77	\$ 2,598,705.00	\$ 2,316,901.23	April 15, 2015	April 16, 2015	1	Kamal Kasbary
3	Pay-15-000001-HAR-003	15-000001	\$ 198,641.05	\$ 480,444.82	\$ 2,598,705.00	\$ 2,118,260.18	May 31, 2015	P	P	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-15-000001
Hebron WWTP Access Road**



Updated Date :May 31, 2015

OUTGOING EMAILS LOG							
No.	DCN No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
1	Email-15-01-SAK-OUT-001	TO 15-01HAR: Key Personnel	Jawdat Al Khoudary	SAK	Hourig Deldelian	USAID	December 21, 2014
2	Email-15-01-SAK-OUT-002	TO 15 000001 HAR: Project Mobilization	Samir Al Khaldi	SAK	Monther Ramadan	BV	January 20, 2015
3	Email-15-01-SAK-OUT-003	Task Order #15-00001, WWTP Access Road	Muwafaq Abu Zeineh	SAK	Kamal Kasbary	USAID	January 28, 2015
4	Email-15-01-SAK-OUT-004	Flyer	Muwafaq Abu Zeineh	SAK	Kamal Kasbary	USAID	January 31, 2015
5	Email-15-01-SAK-OUT-005	TO 15-01 HAR: January Monthly Progress Report	Muwafaq Abu Zeineh	SAK	Kamal Kasbary	USAID	February 5, 2015
6	Email-15-01-SAK-OUT-006	TO 15-01 HAR: Start of Construction Ground Breaking	Samir Al Khaldi	SAK	BV & SAK Staff	SAK & BV	February 12, 2015
7	Email-15-01-SAK-OUT-007	TO 15-01 HAR: Original CPM schedule Meeting	Muwafaq Abu Zeineh	SAK	Monther Ramadan	BV	February 16, 2015
8	Email-15-01-SAK-OUT-008	TO 15-01 HAR: Modified Original CPM	Muwafaq Abu Zeineh	SAK	Hakam Al Nazer	BV	February 26, 2015
9	Email-15-01-SAK-OUT-009	RE: Comments on Contractor's Monthly Report - January 2015	Muwafaq Abu Zeineh	SAK	Kamal Kasbary	USAID	March 2, 2015
10	Email-15-01-SAK-OUT-010	RE: TO 15-01 HAR: Original CPM schedule Meeting	Muwafaq Abu Zeineh	SAK	Hakam Al Nazer	BV	March 3, 2015
11	Email-15-01-SAK-OUT-011	TO 15-01 HAR: February Monthly Progress Report	Muwafaq Abu Zeineh	SAK	Kamal Kasbary	USAID	March 5, 2015
12	Email-15-01-SAK-OUT-012	TO 15-01 HAR: February 2015 Geo-MIS Data	Muwafaq Abu Zeineh	SAK	Monther Ramadan	BV	March 8, 2015
13	Email-15-01-SAK-OUT-013	RE: Comments on Contractor's Monthly Report - January 2015	Muwafaq Abu Zeineh	SAK	Kamal Kasbary	USAID	March 9, 2015
14	Email-15-01-SAK-OUT-014	TO 15-01 HAR: Off-site visit	Muwafaq Abu Zeineh	SAK	Adnan Safi	BV	March 10, 2015
15	Email-15-01-SAK-OUT-015	Saturday Schedule	Muna Al Shaer	SAK	Monther Ramadan	BV	March 19, 2015
16	Email-15-01-SAK-OUT-016	TO 15-01 HAR: 1500 Sewer Manhole Pipes	Muwafaq Abu Zeineh	SAK	Derar Shkarneh	SAK & BV	March 22, 2015
17	Email-15-01-SAK-OUT-017	Sewer Manhole Cover 60 cm	Mohamad Abu Zeineh	SAK	Fadi Fahed	Al-Haddad Steel Company	March 22, 2015
18	Email-15-01-SAK-OUT-018	TO-15-01- HAR - Saturday Schedule	Muna Al Shaer	SAK	Manal Mohammadeen	BV	March 26, 2015
19	Email-15-01-SAK-OUT-019	Sewer Manhole Cover 60 cm	Mohamad Abu Zeineh	SAK	Fadi Fahed	Al-Haddad Steel Company	March 26, 2015
20	Email-15-01-SAK-OUT-020	TO-15-01- HAR - Delay of staff	Muna Al Shaer	SAK	Monther Ramadan	BV	March 29, 2015



**USAID WEST BANK/ GAZA
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Hebron WWTP Access Road**



Updated Date :May 31, 2015

OUTGOING EMAILS LOG							
No.	DCN No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
21	Email-15-01-SAK-OUT-021	TO-15-01- HAR - Delay of staff after the 4.30 PM	Muna Al Shaer	SAK	Monther Ramadan	BV	March 30, 2015
22	Email-15-01-SAK-OUT-022	TO 15-01 HAR: March Monthly Progress Report	Muwafaq Abu Zeineh	SAK	Kamal Kasbary	USAID	April 5, 2015
23	Email-15-01-SAK-OUT-023	LCP Projects: Geo-MIS -March, 2015	Muwafaq Abu Zeineh	SAK	Hakam Al Nazer	BV	April 6, 2015
24	Email-15-01-SAK-OUT-024	Re: TO 15 000005 HAR: Backfilling Over Water Line Trench- Segment A	Samir Al Khaldi	SAK	Monther Ramadan	BV	April 20, 2015
25	Email-15-01-SAK-OUT-025	TO-15-01- HAR - Delay of staff after the 4.30 PM	Samir Al Khaldi	SAK	Monther Ramadan	BV	April 9, 2015
26	Email-15-01-SAK-OUT-026	TO-15-01- HAR - Delay of staff after 04.30 P.M	Samir Al Khaldi	SAK	Monther Ramadan	BV	April 15, 2015
27	Email-15-01-SAK-OUT-027	Re: TO#15-01-HAR : Geo-MIS Data Audit Meeting	Muwafaq Abu Zeineh	SAK	Hakam Al Nazer	BV	April 16, 2015
28	Email-15-01-SAK-OUT-028	RTO-15-01- HAR - Saturday Schedule	Muwafaq Abu Zeineh	SAK	Hakam Al Nazer	BV	April 16, 2015
29	Email-15-01-SAK-OUT-029	Re: TO 15 000005 HAR: Backfilling Over Water Line Trench- Segment A	Samir Al Khaldi	SAK	Monther Ramadan	BV	April 20, 2015
30	Email-15-01-SAK-OUT-030	TO-15-01- HAR - Saturday Schedule	Samir Al Khaldi	SAK	Monther Ramadan	BV	April 23, 2015
31	Email-15-01-SAK-OUT-031	TO-15-01- HAR - Delay of staff after 04.30 P.M	Samir Al Khaldi	SAK	Monther Ramadan	BV	April 26, 2015
32	Email-15-01-SAK-OUT-032	TO-15-01- HAR - Delay of staff after 04.30 P.M	Samir Al Khaldi	SAK	Monther Ramadan	BV	April 27, 2015
33	Email-15-01-SAK-OUT-033	TO-15-01- HAR - Thursday April 30, 2015 & Saturday May 02, 2015 Schedule	Samir Al Khaldi	SAK	Monther Ramadan	BV	April 30, 2015
34	Email-15-01-SAK-OUT-034	LCP Projects: Geo-MIS -April, 2015	Rasha Zarour	SAK	Monther Ramadan	BV	May 5, 2015
35	Email-15-01-SAK-OUT-035	TO 15-01 HAR: April Monthly Progress Report	Muwafaq Abu Zeinah	SAK	Kamal Kasbary	USAID	May 5, 2015
36	Email-15-01-SAK-OUT-036	Re: TO 15 000001 HAR : For Construction Copies	Samir Khaldi	SAK	Monther Ramadan	BV	May 6, 2015
37	Email-15-01-SAK-OUT-037	RE: TO 15 000001 HAR : Comments on Contractor's Monthly Report -April 2015	Muwafaq Abu Zeinah	SAK	Kamal Kasbary	USAID	May 25, 2015



USAID WEST BANK/ GAZA
Local Construction Program (LCP)
CONTRACT NO.AID-294-I-13-00002
TASK ORDER NO.AID-294-TO-15-000001
Hebron WWTP Access Road



Updated Date :May 31, 2015

INCOMING EMAILS LOG							
No.	DCN No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
1	Email-15-01-SAK-IN-001	NTP under Task Order AID-294-TO-15-000001 & site hand over	Shahrazad	BV	Jawdat Al Khoudary	SAK	December 17, 2014
2	Email-15-01-SAK-IN-002	TO 15-000001 HAR : Introductory Meeting _Agenda	Monther Ramadan	BV	Jawdat Al Khoudary	SAK	December 21, 2014
3	Email-15-01-SAK-IN-003	Site Hand Over	Monther Ramadan	BV	Jawdat Al Khoudary	SAK	December 21, 2014
4	Email-15-01-SAK-IN-004	Draft Introductory Meeting Memo	Monther Ramadan	BV	Jawdat Al Khoudary	SAK	January 6, 2015
5	Email-15-01-SAK-IN-005	Key Personnel Approval under TO 15	Eric Strong	USAID	Jawdat Al Khoudary	SAK	January 15, 2015
6	Email-15-01-SAK-IN-006	Bi- Weekly Progress Meeting 1	Monther Ramadan	BV	Samir Al Khaldi	SAK	January 19, 2015
7	Email-15-01-SAK-IN-007	TO 15 000001 HAR: Project Mobilization	Monther Ramadan	BV	Samir Al Khaldi	SAK	January 19, 2015
8	Email-15-01-SAK-IN-008	TO 15-00001 HAR: Progress Meeting #002_Agenda	Monther Ramadan	BV	Samir Al Khaldi	SAK	February 8, 2015
9	Email-15-01-SAK-IN-009	Re: TO 15-01 HAR: Flayer	Kamal Kasbary	USAID	Samir Al Khaldi	SAK	February 13, 2015
10	Email-15-01-SAK-IN-010	TO 15-01 HAR: Original CPM schedule Meeting	Monther Ramadan	BV	Muwafaq	SAK	February 22, 2015
11	Email-15-01-SAK-IN-011	TO 15-000001 HAR: Progress Meeting #003 _Agenda	Monther Ramadan	BV	Samir Al Khaldi	SAK	February 22, 2015
12	Email-15-01-SAK-IN-012	TO 15-000001 HAR: Draft MOM No. 003	Monther Ramadan	BV	Samir Al Khaldi	SAK	February 25, 2015
13	Email-15-01-SAK-IN-013	Re: TO 15 000001 HAR : Comments on Contractor's Monthly Report - January 2015	Kamal Kasbary	USAID	Muwafaq Abu Zeineh	SAK	March 5, 2015
14	Email-15-01-SAK-IN-014	TO 15-00001 HAR: Progress Meeting #004_Agenda	Monther Ramadan	BV	Samir Al Khaldi	SAK	March 8, 2015
15	Email-15-01-SAK-IN-015	TO 15-000001 HAR: Draft MOM No. 004	Monther Ramadan	BV	Samir Al Khaldi	SAK	March 15, 2015
16	Email-15-01-SAK-IN-016	TO 15-00001 HAR: Progress Meeting #005_Agenda	Monther Ramadan	BV	Samir Al Khaldi	SAK	March 22, 2015
17	Email-15-01-SAK-IN-017	RE: TO 15-01 HAR: 1500 Sewer Manhole Pipes	Derar Shkarneh	Al Manaseer Company	Muwafaq Abu Zeineh	SAK	March 22, 2015
18	Email-15-01-SAK-IN-018	TO 15 000001 HAR : Comments on Contractor's Monthly Report -February 2015	Kamal Kasbary	USAID	Muwafaq Abu Zeineh	SAK	March 24, 2015



**USAID WEST BANK/ GAZA
Local Construction Program (LCP)
CONTRACT NO.AID-294-I-13-00002
TASK ORDER NO.AID-294-TO-15-000001
Hebron WWTP Access Road**



Updated Date :May 31, 2015

INCOMING EMAILS LOG							
No.	DCN No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
19	Email-15-01-SAK-IN-019	TO 15-000001 HAR: Final MOM No. 005	Manal Mohammadein	BV	Sameer Al Khaldi	SAK	March 29, 2015
20	Email-15-01-SAK-IN-020	Re: TO 15 000001 HAR : Comments on Contractor's monthly Report - February 2015	Kamal Kasbary	USAID	Muwafaq Abu Zeineh	SAK	April 1, 2015
21	Email-15-01-SAK-IN-021	TO 15 000001 HAR: Safety Inspection Checklist	Monther Ramadan	BV	Samir Al Khaldi	SAK	April 2, 2015
22	Email-15-01-SAK-IN-022	TO 15-000001 HAR: Progress Meeting #006 _Agenda	Monther Ramadan	BV	Samir Al Khaldi	SAK	April 2, 2015
23	Email-15-01-SAK-IN-023	TO 15 000001 HAR: Safety Inspection Checklist	Monther Ramadan	BV	Samir Al Khaldi	SAK	April 2, 2015
24	Email-15-01-SAK-IN-024	Re: TO 15 000001 HAR : Comments on Contractor's monthly Report - February 2015	Kamal Kasbary	USAID	Muwafaq Abu Zeineh	SAK	April 7, 2015
25	Email-15-01-SAK-IN-025	TO 15-000001 HAR: Final MOM No. 006	Monther Ramadan	BV	Samir Al Khaldi	SAK	April 13, 2015
26	Email-15-01-SAK-IN-026	TO 15-000001 HAR: Office Needs	Wafa Amro	BV	Muna Al Shaer	SAK	April 13, 2015
27	Email-15-01-SAK-IN-027	TO#15-01-HAR : Geo-MIS Data Audit Meeting	Hakam Al Nazer	BV	Muna Al Shaer	SAK	April 15, 2015
28	Email-15-01-SAK-IN-028	Re: TO 15 000001 HAR : Comments on Contractor's monthly Report - March 2015	Kamal Kasbary	USAID	Muwafaq Abu Zeineh	SAK	April 17, 2015
29	Email-15-01-SAK-IN-029	TO 15-000001 HAR: Environmental Checklist	Wafa Amro	BV	Muna Al Shaer	SAK	April 19, 2015
30	Email-15-01-SAK-IN-030	TO 15 000005 HAR: Backfilling Over Water Line Trench- Segment A	Monther Ramadan	BV	Samir Al Khaldi	SAK	April 20, 2015
31	Email-15-01-SAK-IN-031	TO 15 000001 HAR : AS Built Drawings	Monther Ramadan	BV	Samir Al Khaldi	SAK	April 20, 2015
32	Email-15-01-SAK-IN-032	TO 15 000005 HAR: Backfilling Over Water Line Trench- Segment A	Monther Ramadan	BV	Samir Al Khaldi	SAK	April 20, 2015
33	Email-15-01-SAK-IN-033	RE: TO#15-01-HAR : Geo-MIS Data Audit Meeting	Hakam Al Nazer	BV	Muna Al Shaer	SAK	April 23, 2015
34	Email-15-01-SAK-IN-034	TO 15-000001 HAR: Final MOM No. 007	Monther Ramadan	BV	Samir Al Khaldi	SAK	April 27, 2015
35	Email-15-01-SAK-IN-035	TO 15-000001 HAR: Progress Meeting #008- Agenda	Monther Ramadan	BV	Kamal Kasbary & Samir Khaldi	USAID & SAK	May 2, 2015
36	Email-15-01-SAK-IN-036	TO 15-000001 HAR: Water Chamber Excavation Protection	Monther Ramadan	BV	Samir Khaldi	SAK	May 3, 2015



**USAID WEST BANK/ GAZA
Local Construction Program (LCP)
CONTRACT NO.AID-294-I-13-00002
TASK ORDER NO.AID-294-TO-15-000001
Hebron WWTP Access Road**



Updated Date :May 31, 2015

INCOMING EMAILS LOG							
No.	DCN No.	Subject	From (Author)	Organization	To (Recipient)	Organization	Sent Date
37	Email-15-01-SAK-IN-037	TO 15 000001 HAR : For Construction Copies	Monther Ramadan	BV	Samir Khaldi	SAK	May 5, 2015
38	Email-15-01-SAK-IN-038	TO 15 000001 HAR : Modified Road Alignment Section from sta. A0+777.91 to sta. A0+925.17	Monther Ramadan	BV	Samir Khaldi	SAK	May 5, 2015
39	Email-15-01-SAK-IN-039	TO 15-000001 HAR: Draft MOM No. 008	Monther Ramadan	BV	Kamal Kasbary & Samir Khaldi	USAID & SAK	May 6, 2015
40	Email-15-01-SAK-IN-040	RE: TO 15 000001 HAR : For Construction Copies	Monther Ramadan	BV	Samir Khaldi	SAK	May 6, 2015
41	Email-15-01-SAK-IN-041	TO 15-000001 HAR: Final MOM No.008	Monther Ramadan	BV	Kamal Kasbary & Samir Khaldi	USAID & SAK	May 10, 2015
42	Email-15-01-SAK-IN-042	TO 15 000001 HAR : As Built Drawing	Monther Ramadan	BV	Samir Khaldi	SAK	May 12, 2015
43	Email-15-01-SAK-IN-043	TO 15 000001 HAR : Un Closed Submittals	Monther Ramadan	BV	Samir Khaldi	SAK	May 12, 2015
44	Email-15-01-SAK-IN-044	TO 15 000001 HAR: QC Plan for the 1,500 mm Pipes Manufacturing	Monther Ramadan	BV	Samir Khaldi	SAK	May 13, 2015
45	Email-15-01-SAK-IN-045	TO 15 000001 HAR : Progress Meeting # 009 Agenda	Monther Ramadan	BV	Kamal Kasbary & Samir Khaldi	USAID & SAK	May 16, 2015
46	Email-15-01-SAK-IN-046	TO 15 000001 HAR : Un Closed Submittals	Monther Ramadan	BV	Samir Khaldi	SAK	May 19, 2015
47	Email-15-01-SAK-IN-047	TO 15 000001 HAR: Landowner Obstruction Resolved	Monther Ramadan	BV	Samir Khaldi	SAK	May 20, 2015
48	Email-15-01-SAK-IN-048	TO 15-000001 HAR: Draft MOM No. 009	Monther Ramadan	BV	Kamal Kasbary & Samir Khaldi	USAID & SAK	May 20, 2015
49	Email-15-01-SAK-IN-049	Task Order #15-00001, Safety Tool Box Meeting.	Kamal Kasbary	USAID	Samir Khaldi	SAK	May 22, 2015
50	Email-15-01-SAK-IN-050	Fwd: TO 15 000001 HAR : Comments on Contractor's Monthly Report - April 2015	Kamal Kasbary	USAID	Muwafaq Abu Zeinah	SAK	May 22, 2015
51	Email-15-01-SAK-IN-051	TO 15 000001 HAR : Water Chamber Construction	Monther Ramadan	BV	Samir Khaldi	SAK	May 24, 2015
52	Email-15-01-SAK-IN-052	TO 15-000001 HAR: Final MOM No.009	Monther Ramadan	BV	Kamal Kasbary & Samir Khaldi	USAID & SAK	May 24, 2015
53	Email-15-01-SAK-IN-053	TO 15 000001 HAR : Dust Mitigation Measures	Monther Ramadan	BV	Samir Khaldi	SAK	May 25, 2015
54	Email-15-01-SAK-IN-054	TO 15 000001 HAR : Sewer Pipes Manufacturing and Delivery Updates	Monther Ramadan	BV	Samir Khaldi	SAK	May 27, 2015



USAID WEST BANK - GAZA
Local Construction Program (LCP)
CONTRACT NO. AID-294-I-00-13-00002
TASK ORDER NO. AID-294-TO-15-000001
Hebron WWTP Access Road



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	HAR	Marking of Existing Utilities	December 30, 2014	Paltel		
2	LTR.02.SAK-LOCAL.002-A	HAR	Marking of Existing Utilities	December 30, 2014	Electrical Company		
3	LTR.02.SAK-LOCAL.003-A	HAR	Marking of Existing Utilities	December 30, 2015	Hebron Municipality		
4	LTR.02.SAK-LOCAL.004-A	HAR	Electrical Works	January 4, 2015	Hebron Municipality		
5	LTR.02.SAK-LOCAL.005-A	HAR	Traffic Control Plan	January 17, 2015	Hebron Police		
6	LTR.02.SAK-LOCAL.006-A	HAR	Vaccine to protect against hepatitis B virus	March 24, 2015	Palestinian Ministry of Health		
7	LTR.02.SAK-LOCAL.007-A	HAR	Workshop About Project to Qelqes School for Girls	April 7, 2015	Palestinian Ministry of Education - Hebron		
LETTERS FROM CONTRACTOR TO ENGINEERS							
LETTERS FROM CONTRACTOR TO 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-15-000001

TASK ORDER SHORT NAME. Hebron WWTP Access Road

Temporay Job Days Summary Report



Task Order Name:
Hebron Waste Water Treatment Plant Access Road
CONTRACTOR: Saqqa And Khoudary Co. Ltd. (SAK)

PERIOD FROM: Dec. 15, 2014

PERIOD TO: May 31, 2015

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Segregation By Gender		Notes of Comments
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other			Female	Male	
December	2014	16	32	0	0	7	55	2	15	40	
January	2015	67	68	37	0	98	270	11	23	201	
February	2015	64	68	52	2	148	334	14	22	254	
March	2015	76	79	272	48	132	606	25	24	583	
April	2015	81	79	420	67	151	798	34	24	687	
May	2015	88	79	457	64	185	874	37	22	767	
June	2015										
July	2015										
August	2015										
September	2015										
Total of FY 2015		393	405	1239	181	721	2937	123	130	2530	
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-15-000001
TASK ORDER SHORT NAME. Hebron WWTP Access Road
Temporay Job Days Summary Report



Task Order Name:
 Hebron Waste Water Treatment Plant Access Road
 CONTRACTOR: Saqqa And Khoudary Co. Ltd. (SAK)

PERIOD FROM: Dec. 15, 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)	Surveyor	Foreman	Skilled Labor	Welder	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Security Guard	Storage Guard							
December 15, 2014	8	0	0	8	8	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	2	1
December 16, 2014	8	0	0	8	8	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	2	1
December 17, 2014	8	0	0	8	8	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	2	1
December 18, 2014	8	0	0	8	8	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	2	1
December 19, 2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December 20, 2014	8	0	0	8	8	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	2	1
December 21, 2014	8	8	0	8	8	8	0	0	0	0	0	0	0	0	0	2	3	0	0	0	4	1
December 22, 2014	8	0	0	8	8	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	2	1
December 23, 2014	8	0	0	8	8	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	2	1
December 24, 2014	8	0	0	8	8	0	0	0	0	0	0	0	8	0	0	1	2	0	0	1	3	1
December 25, 2014	8	0	0	8	8	0	0	0	0	0	0	0	8	0	0	1	2	0	0	1	3	1
December 26, 2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December 27, 2014	8	0	0	8	8	0	0	0	0	0	0	0	8	0	0	1	2	0	0	1	3	1
December 28, 2014	8	0	0	8	8	8	0	0	0	0	0	0	8	0	0	1	3	0	0	1	4	1
December 29, 2014	8	0	0	8	8	0	0	0	0	0	0	0	8	0	0	1	2	0	0	1	3	1
December 30, 2014	8	0	0	8	8	0	0	0	0	0	0	0	8	0	0	1	2	0	0	1	3	1
December 31, 2014	8	0	0	8	8	0	0	0	0	0	0	0	8	0	0	1	2	0	0	1	3	1
Total of Month	120	8	0	120	120	16	0	0	0	0	0	0	56	0	0	16	32	0	0	7	40	15

* 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.

Task Order Name:
 Hebron Waste Water Treatment Plant Access Road
 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)	Surveyor	Foreman	Skilled Labor	Welder	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Security Guard								Storage Guard
January 1, 2015	8	0	0	8	8	0	0	0	0	0	0	8	12	0	1	2	0	0	2.5	3	1	
January 2, 2015	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	1.5	0	0	
January 3, 2015	8	8	8	8	8	8	0	0	0	0	0	8	12	0	3	3	0	0	2.5	6	1	
January 4, 2015	8	8	8	8	8	8	0	0	0	0	0	8	12	0	3	3	0	0	2.5	6	1	
January 5, 2015	8	8	8	8	8	8	0	0	0	0	0	8	12	0	3	3	0	0	2.5	6	1	
January 6, 2015	8	8	8	8	8	8	0	0	0	0	0	8	12	0	3	3	0	0	2.5	6	1	
January 7, 2015	0	0	0	0	0	0	0	0	0	0	0	8	12	0	0	0	0	0	2.5	1	0	
January 8, 2015	0	0	0	0	0	0	0	0	0	0	0	8	12	0	0	0	0	0	2.5	1	0	
January 9, 2015	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	1.5	0	0	
January 10, 2015	0	0	0	0	0	0	0	0	0	0	0	8	12	0	0	0	0	0	2.5	1	0	
January 11, 2015	8	8	8	8	8	8	0	0	0	0	0	8	12	0	3	3	0	0	2.5	6	1	
January 12, 2015	8	8	8	8	8	8	0	0	0	0	0	8	12	0	3	3	0	0	2.5	6	1	
January 13, 2015	8	8	8	8	8	8	0	0	0	0	0	8	12	0	3	3	0	0	2.5	6	1	
January 14, 2015	8	8	8	8	8	8	0	0	0	0	0	8	12	0	3	3	0	0	2.5	6	1	
January 15, 2015	8	8	8	8	8	8	0	0	0	16	0	8	12	0	3	3	2	0	2.5	8	1	
January 16, 2015	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	1.5	0	0	
January 17, 2015	8	8	8	8	8	8	0	0	0	8	0	8	12	0	3	3	1	0	2.5	7	1	
January 18, 2015	8	8	8	8	8	8	0	0	0	8	0	8	12	0	3	3	1	0	2.5	7	1	
January 19, 2015	8	8	8	8	8	8	0	8	0	8	0	8	12	0	3	3	2	0	2.5	8	1	
January 20, 2015	8	8	8	8	8	8	0	8	0	16	0	8	12	0	3	3	3	0	2.5	9	1	
January 21, 2015	8	8	8	8	8	8	0	32	0	8	0	16	12	12	3	3	5	0	5	14	1	
January 22, 2015	8	8	8	8	8	8	0	32	0	8	0	16	12	12	3	3	5	0	5	14	1	
January 23, 2015	0	0	0	0	0	0	0	0	0	0	0	0	12	12	0	0	0	0	3	2	0	
January 24, 2015	8	8	8	8	8	8	0	32	0	8	0	16	12	12	3	3	5	0	5	14	1	
January 25, 2015	8	8	8	8	8	8	0	32	0	8	0	16	12	12	3	3	5	0	5	14	1	
January 26, 2015	8	8	8	8	8	8	0	32	0	0	0	16	12	12	3	3	4	0	5	13	1	
January 27, 2015	8	8	8	8	8	8	0	8	0	0	0	16	12	12	3	3	1	0	5	10	1	
January 28, 2015	8	8	8	8	8	8	0	8	0	0	0	16	12	12	3	3	1	0	5	10	1	
January 29, 2015	8	8	8	8	8	8	0	8	0	0	0	16	12	12	3	3	1	0	5	10	1	
January 30, 2015	0	0	0	0	0	0	0	0	0	0	0	0	12	12	0	0	0	0	3	2	0	
January 31, 2015	8	8	8	8	8	8	0	8	0	0	0	16	12	12	3	3	1	0	5	10	1	
Total of Month	184	176	176	184	184	176	0	208	0	88	0	280	372	132	67	68	37	0	98	201	23	

* 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(LCP)
CONTRACT NO. :AID-294-I-13-00002
TASK ORDER NO.: AID-294-TO-15-000001
TASK ORDER SHORT NAME. Hebron WWTP Access Road
Temporay Job Days Summary Report



Task Order Name:
 Hebron Waste Water Treatment Plant Access Road
 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 & Envtl. Manager	Project Engineer	Office Engineer (F)	Surveyor	Foreman	Skilled Labor	Welder	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Security Guard	Storage Guard							
February 1, 2015	8	8	0	8	8	8	0	8	0	0	0	0	16	12	12	2	3	1	0	5	9	1
February 2, 2015	8	8	0	8	8	8	0	8	0	0	0	0	16	12	12	2	3	1	0	5	9	1
February 3, 2015	8	8	0	8	8	8	0	8	0	0	0	0	16	12	12	2	3	1	0	5	9	1
February 4, 2015	8	8	0	8	8	8	0	8	0	0	0	0	16	12	12	2	3	1	0	5	9	1
February 5, 2015	8	8	0	8	8	8	0	8	0	0	0	0	16	12	12	2	3	1	0	5	9	1
February 6, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12	0	0	0	0	3	2	0
February 7, 2015	8	8	8	8	8	8	0	8	0	0	0	0	16	12	12	3	3	1	0	5	10	1
February 8, 2015	8	8	8	8	8	8	0	8	0	0	0	0	16	12	12	3	3	1	0	5	10	1
February 9, 2015	8	8	8	8	8	8	0	8	0	0	0	0	16	12	12	3	3	1	0	5	10	1
February 10, 2015	8	8	8	8	8	8	0	16	0	8	0	0	16	12	12	3	3	3	0	5	12	1
February 11, 2015	8	8	8	8	8	8	0	16	0	3	0	0	16	12	12	3	3	2	0	5	11	1
February 12, 2015	8	8	8	8	8	8	0	16	0	8	0	0	16	12	12	3	3	3	0	5	12	1
February 13, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12	0	0	0	0	3	2	0
February 14, 2015	8	8	8	8	8	8	0	24	0	8	0	0	16	24	12	3	3	4	0	6.5	13	1
February 15, 2015	8	8	8	8	8	8	0	16	0	15	0	0	16	24	12	3	3	4	0	6.5	12	1
February 16, 2015	8	8	8	8	0	8	0	8	0	10	0	0	16	24	12	3	2	2	0	6.5	11	0
February 17, 2015	8	8	8	8	8	8	0	8	0	14	0	0	16	24	12	3	3	3	0	6.5	11	1
February 18, 2015	8	8	8	8	8	8	0	8	0	12	0	0	16	24	12	3	3	3	0	6.5	11	1
February 19, 2015	8	8	8	8	8	8	0	8	0	0	0	0	16	24	12	3	3	1	0	6.5	10	1
February 20, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12	0	0	0	0	3	2	0
February 21, 2015	0	0	0	0	0	0	0	0	0	0	0	0	16	12	12	0	0	0	0	5	4	0
February 22, 2015	8	8	8	8	8	8	0	8	0	6	0	0	16	24	12	3	3	2	0	6.5	10	1
February 23, 2015	8	8	8	8	8	8	0	8	0	16	0	0	16	24	12	3	3	3	0	6.5	12	1
February 24, 2015	8	8	8	8	8	8	0	8	0	18	0	0	16	24	12	3	3	3	0	6.5	12	1
February 25, 2015	8	8	8	8	8	8	0	8	0	18	0	0	16	24	12	3	3	3	0	7	12	1
February 26, 2015	8	8	8	8	8	8	0	8	0	24	8	0	16	24	12	3	3	4	1	6.5	14	1
February 27, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12	0	0	0	0	3	2	0
February 28, 2015	8	8	8	8	8	8	0	8	0	25	8	0	12	12	12	3	3	4	1	4.5	13	1
Total of Month	184	184	144	184	176	184	0	232	0	185	16	0	380	468	336	64	68	52	2	148	254	22

* 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.

Task Order Name:
 Hebron Waste Water Treatment Plant Access Road
 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)	Surveyor	Foreman	Skilled Labor	Welder	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Security Guard								Storage Guard
March 1, 2015	8	8	8	8	8	8	0	8	0	12	8	0	16	24	12	3	3	3	1	4.5	13	1
March 2, 2015	8	8	8	8	0	8	0	8	0	17	8	0	16	24	12	3	2	3	1	4.5	14	0
March 3, 2015	8	8	8	8	0	8	0	8	0	14	8	0	16	24	12	3	2	3	1	4.5	13	0
March 4, 2015	8	8	8	8	8	8	0	8	0	12	8	0	16	24	12	3	3	3	1	4.5	13	1
March 5, 2015	8	8	8	8	8	8	0	8	0	11	8	0	16	24	12	3	3	2	1	4.5	13	1
March 6, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12	0	0	0	0	3	3	0
March 7, 2015	8	8	8	8	8	8	0	8	0	2	8	0	16	24	12	3	3	1	1	4.5	12	1
March 8, 2015	8	8	8	8	8	8	0	8	0	16	8	0	16	24	12	3	3	3	1	4.5	14	1
March 9, 2015	8	0	8	8	8	8	0	8	0	16	16	0	16	24	12	2	3	3	2	4.5	14	1
March 10, 2015	8	8	6	8	8	8	0	8	0	46	32	0	16	24	12	3	3	7	4	4.5	20	1
March 11, 2015	8	8	8	8	8	8	0	8	0	51	8	0	16	24	12	3	3	7	1	4.5	18	1
March 12, 2015	8	8	8	8	8	8	0	16	0	48	8	0	16	24	12	3	3	8	1	4.5	18	1
March 13, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12	0	0	0	0	3	3	0
March 14, 2015	8	8	8	8	0	8	0	8	0	19	8	0	16	24	12	3	2	3	1	4.5	14	0
March 15, 2015	8	8	8	8	8	8	0	8	0	59	8	0	16	24	12	3	3	8	1	4.5	19	1
March 16, 2015	8	0	8	8	8	8	0	8	0	63	8	0	16	24	12	2	3	9	1	4.5	18	1
March 17, 2015	8	8	8	8	8	8	0	32	0	53	8	0	16	24	12	3	3	11	1	4.5	21	1
March 18, 2015	8	8	8	8	8	8	0	64	0	56	8	0	16	24	12	3	3	15	1	4.5	26	1
March 19, 2015	8	8	8	8	8	8	0	64	24	72	24	0	16	24	12	3	3	20	3	4.5	33	1
March 20, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12	0	0	0	0	3	3	0
March 21, 2015	8	8	8	8	0	8	0	56	24	72	16	0	16	24	12	3	2	19	2	4.5	31	0
March 22, 2015	8	8	8	8	8	8	0	64	0	22	16	0	16	24	12	3	3	11	2	4.5	22	1
March 23, 2015	8	8	8	8	8	8	0	56	24	48	16	0	16	24	12	3	3	16	2	4.5	28	1
March 24, 2015	8	8	8	8	8	8	0	64	24	50	16	0	16	24	12	3	3	17	2	4.5	29	1
March 25, 2015	8	8	8	8	8	8	0	56	16	59	16	0	16	24	12	3	3	16	2	5	28	1
March 26, 2015	8	8	8	8	8	8	0	56	24	66	26	0	16	24	12	3	3	18	3	4.5	31	1
March 27, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12	0	0	0	0	3	3	0
March 28, 2015	0	8	0	8	8	8	0	64	24	51.1	24	0	16	8	24	1	3	17	3	4	27	1
March 29, 2015	12	8	0	12	12	12	0	56	24	44	36	0	16	8	24	2.5	5	15	5	4	29	2
March 30, 2015	8	8	8	8	8	8	0	56	24	64	16	0	16	8	24	3	3	18	2	4	29	1
March 31, 2015	8	8	8	8	8	8	0	64	0	56	16	0	16	8	24	3	3	15	2	4	26	1
Total of Month	212	200	198	220	188	220	0	872	208	1098.79	382	0	432	632	420	76	79	272	48	132	583	24

* 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.



Task Order Name:
Hebron Waste Water Treatment Plant Access Road
CONTRACTOR: Saqqa And Khoudary Co. Ltd. (SAK)

PERIOD FROM: April 01, 2015

PERIOD TO: April 30, 2015

DATE	Site Staff Job Days **																					
	Worker/Classification (Hours)															Man-days*					Gender	
	Management			Engineers			Skilled labor			Unskilled labor		Other			Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female	
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer (F)	Surveyor	Foreman	Skilled Labor	Welder	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Security Guard								Storage Guard
April 1, 2015	8	8	8	8	8	8	0	16	0	40.0	8	0	8	24	0	3	3	7	1	4	14	1
April 2, 2015	8	8	8	8	8	8	0	64	0	50.0	24	0	8	24	0	3	3	14	3	4	23	1
April 3, 2015	0	0	0	0	0	0	0	0	0	0.0	0	0	0	24	0	0	0	0	0	3	0	0
April 4, 2015	8	8	8	8	8	8	0	72	24	48.0	16	0	8	24	0	3	3	18	2	4	26	1
April 5, 2015	8	8	8	8	8	8	0	64	0	32.0	16	0	8	24	0	3	3	12	2	4	20	1
April 6, 2015	8	8	8	8	8	8	0	72	0	36.0	18	0	8	24	0	3	3	14	2	4	22	1
April 7, 2015	8	8	8	8	8	8	9	63	0	36.0	18	0	8	24	0	3	3	14	2	4	22	1
April 8, 2015	8	8	8	8	8	8	9	72	0	54.0	18	0	8	24	0	3	3	17	2	4	25	1
April 9, 2015	8	8	8	8	8	8	9	90	0	54.0	9	0	8	24	0	3	3	19	1	4	26	1
April 10, 2015	0	0	0	0	0	0	0	0	0	0.0	0	0	0	24	0	0	0	0	0	3	0	0
April 11, 2015	8	8	8	8	8	8	0	56	0	38.0	16	0	8	24	0	3	3	12	2	4	20	1
April 12, 2015	8	8	8	8	8	8	0	24	0	38.0	16	0	8	24	0	3	3	8	2	4	16	1
April 13, 2015	8	8	8	8	8	8	0	36	0	45.0	9	0	8	24	0	3	3	10	1	4	17	1
April 14, 2015	8	8	8	8	8	8	0	90	0	81.0	18	0	8	24	0	3	3	21	2	4	30	1
April 15, 2015	8	8	8	8	8	8	8	63	0	63.0	18	0	16	24	12	3	3	17	2	7	28	1
April 16, 2015	8	8	8	8	8	8	8	0	0	0.0	0	0	16	24	12	3	3	1	0	7	10	1
April 17, 2015	0	0	0	0	0	0	0	0	0	0.0	0	0	0	12	12	0	0	0	0	3	2	0
April 18, 2015	8	8	8	8	8	8	8	72	0	34.8	18	0	16	24	12	3	3	14	2	7	25	1
April 19, 2015	11	8	8	11	8	8	8	40	0	48.0	16	0	16	24	12	3	3	12	2	7	23	1
April 20, 2015	8	8	8	8	8	8	8	72	0	35.0	16	0	16	24	12	3	3	14	2	7	25	1
April 21, 2015	8	8	8	8	8	8	8	64	0	43.8	16	0	16	24	12	3	3	14	2	7	25	1
April 22, 2015	8	8	10	10	8	8	11	80	8	78.0	40	0	16	24	12	3	3	22	5	7	36	1
April 23, 2015	8	8	8	8	8	8	10	70	0	80.3	30	0	16	24	12	3	3	20	4	7	32	1
April 24, 2015	0	0	0	0	0	0	0	0	0	0.0	0	0	0	12	12	0	0	0	0	3	2	0
April 25, 2015	8	8	12	12	8	8	12	96	8	114.51	48	0	16	24	12	4	4	29	6	7	44	1
April 26, 2015	9	9	12	12	9	9	9	96	16	81.99	48	0	16	24	12	4	4	25	6	7	41	1
April 27, 2015	9	9	9	9	9	9	9	63	24	99.0	36	0	16	24	12	3	3	24	5	7	38	1
April 28, 2015	9	9	9	9	0	9	9	90	0	81.0	18	0	16	24	12	3	2	23	2	7	34	0
April 29, 2015	9	9	9	9	8	9	9	81	0	63.0	27	0	16	24	12	3	3	19	3	7	32	1
April 30, 2015	9	9	9	9	0	9	9	81	0	63.0	18	0	16	24	12	3	2	19	2	7	31	0
Total of Month	216	213	222	225	194	213	153	1687	80	1437.4	535	0	320	696	192	81	79	420	67	151	687	24

* 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-15-000001**



**TASK ORDER SHORT NAME: Hebron WWTP Access Road
Temporay Job Days Summary Report**

Task Order Name:
Hebron Waste Water Treatment Plant Access Road
CONTRACTOR: Saqqa And Khoudary Co. Ltd. (SAK)

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

DATE	Site Staff Job Days **																						
	Worker/Classification (Hours)															Man-days*					Gender		
	Management			Engineers			Skilled labor				Unskilled labor		Other			Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female	
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer (F)	Surveyor	Foreman	Skilled Labor	Welder	Carpenter	Equipment Operator	Flagman	Unskilled Labor	Office Boy	Security Guard								Storage Guard
May 1, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	8	12	12	0	0	0	0	4	3	0
May 2, 2015	9	9	9	9	9	9	9	81	0	0	81	24	0	16	24	12	3	3	21	3	7	34	1
May 3, 2015	9	9	9	9	9	9	9	27	0	0	83	24	0	16	24	12	3	3	15	3	7	27	1
May 4, 2015	9	9	9	9	9	9	9	36	0	0	90	16	0	16	24	12	3	3	17	2	7	28	1
May 5, 2015	9	9	9	9	0	9	9	36	0	0	81	16	0	16	24	12	3	2	16	2	7	27	0
May 6, 2015	9	9	9	9	9	9	9	36	0	0	72	18	0	16	24	12	3	3	15	2	7	26	1
May 7, 2015	9	9	9	9	4	9	9	36	0	0	108	18	0	16	24	12	3	3	19	2	7	31	1
May 8, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12	0	0	0	0	3	2	0
May 9, 2015	9	9	9	9	9	9	9	36	18	0	93	27	0	16	24	12	3	3	20	3	7	32	1
May 10, 2015	10	9	9	10	9	9	10	40	16	0	88	30	0	16	24	12	4	4	19	4	7	32	1
May 11, 2015	9	9	9	9	0	9	9	36	0	0	56.98	27	0	16	24	12	3	2	13	3	7	25	0
May 12, 2015	9	9	9	9	9	9	9	45	0	0	99	18	0	16	24	12	3	3	19	2	7	31	1
May 13, 2015	9	9	9	9	9	9	9	36	0	0	90	27	0	16	24	12	3	3	17	3	7	29	1
May 14, 2015	9	9	9	9	9	0	9	45	16	0	108	18	0	16	24	12	3	2	22	2	7	33	1
May 15, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12	0	0	0	0	3	2	0
May 16, 2015	9	9	9	9	0	9	9	36	16	0	108	18	0	16	24	12	3	2	21	2	7	33	0
May 17, 2015	9	9	9	9	9	9	9	36	0	0	72	18	0	16	24	12	3	3	15	2	7	26	1
May 18, 2015	9	9	9	9	9	9	9	27	0	0	72	18	0	16	24	12	3	3	14	2	7	25	1
May 19, 2015	9	9	9	9	9	9	9	27	0	0	81	18	0	16	24	12	3	3	15	2	7	26	1
May 20, 2015	9	9	9	9	9	9	9	36	0	0	81	18	0	16	24	12	3	3	16	2	7	27	1
May 21, 2015	9	9	9	9	9	9	9	36	0	0	63	18	0	16	24	12	3	3	14	2	7	25	1
May 22, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12	0	0	0	0	3	2	0
May 23, 2015	9	9	9	9	9	9	9	27	0	0	63	18	0	16	24	12	3	3	12	2	7	24	1
May 24, 2015	9	9	9	9	9	9	9	63	0	27	90	18	0	16	24	12	3	3	24	2	7	35	1
May 25, 2015	9	9	9	9	0	9	9	36	0	54	63	18	0	16	24	12	3	2	20	2	7	32	0
May 26, 2015	9	9	9	9	9	9	9	27	0	45	81	18	0	16	24	12	3	3	20	2	7	32	1
May 27, 2015	9	9	9	9	0	9	9	36	0	36	90	18	0	16	24	12	3	2	21	2	7	33	0
May 28, 2015	9	9	9	9	0	9	9	27	0	36	81	18	0	16	24	12	3	2	19	2	7	31	0
May 29, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12	0	0	0	0	3	2	0
May 30, 2015	9	9	9	9	9	9	0	27	0	27	90	18	0	16	24	12	3	3	18	2	7	29	1
May 31, 2015	9	9	9	9	9	9	9	27	0	27	72	18	0	16	24	12	3	3	17	2	7	28	1
Total of Month	235	234	234	235	175	225	226	958	66		2157	515	0	424	684	372	88	79	457	64	185	767	22

* Total Man-days = Total Hours / 8

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



Annex I:

Risk Register

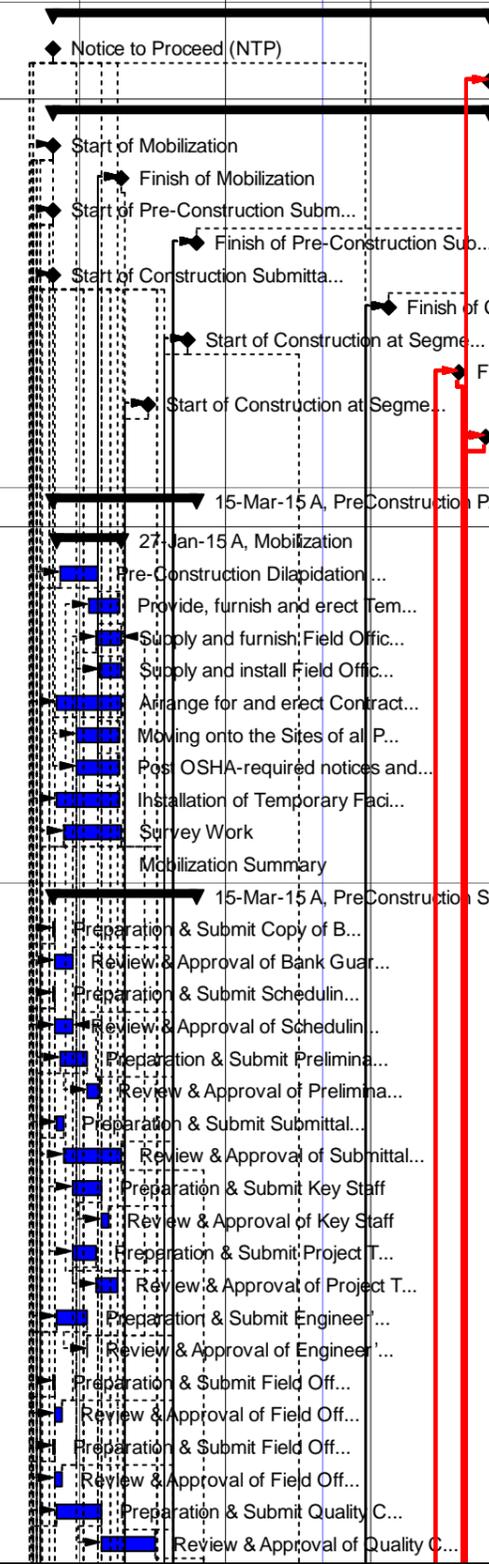
None encountered to date



Annex J:

Monthly Updated Schedule

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost	Schedule % Complete	Cost % Complete	2014		2015									
										Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	SEP	
Monthly Update - TO-15-01-HAR- Hebron WWTP Access Road																					
Milestones																					
General Milestones																					
A-1	Notice to Proceed (NTP)	0d	15-Dec-14 A	12-Sep-15	0d	\$0.00	\$0.00	100%	0%												
A-2	Project Completion	0d		12-Sep-15*	-32d	\$0.00	\$0.00	0%	0%												
Intermediate Milestones																					
IA-01	Start of Mobilization	0d	15-Dec-14 A			\$0.00	\$0.00	100%	0%												
IA-02	Finish of Mobilization	0d		27-Jan-15 A		\$0.00	\$0.00	100%	0%												
IA-03	Start of Pre-Construction Submittals	0d	15-Dec-14 A			\$0.00	\$0.00	100%	0%												
IA-04	Finish of Pre-Construction Submittals	0d		15-Mar-15 A		\$0.00	\$0.00	100%	0%												
IA-05	Start of Construction Submittals	0d	15-Dec-14 A			\$0.00	\$0.00	100%	0%												
IA-06	Finish of Construction Submittals	0d		12-Jul-15	30d	\$0.00	\$0.00	100%	0%												
IA-07	Start of Construction at Segment A	0d	09-Mar-15 A			\$0.00	\$0.00	100%	0%												
IA-08	Finish of Construction at Segment A	0d		24-Aug-15	-13d	\$0.00	\$0.00	0%	0%												
IA-09	Start of Construction at Segment B	0d	12-Feb-15 A			\$0.00	\$0.00	100%	0%												
IA-10	Finish of Construction at Segment B	0d		10-Sep-15	-32d	\$0.00	\$0.00	0%	0%												
IA-20	Project Duration	178d	15-Dec-14 A	12-Sep-15	-27d	\$0.00	\$0.00	72.06%	0%												
PreConstruction Phase																					
Mobilization																					
MOB1000	Pre-Construction Dilapidation Survey	2d	20-Dec-14 A	12-Jan-15 A		\$0.00	\$0.00	100%	0%												
MOB1010	Provide, furnish and erect Temporary Project Signs	2d	06-Jan-15 A	26-Jan-15 A		\$0.00	\$0.00	100%	0%												
MOB1020	Supply and furnish Field Office Furniture and Miscellaneous	2d	11-Jan-15 A	27-Jan-15 A		\$0.00	\$0.00	100%	0%												
MOB1030	Supply and install Field Office Computer Systems and IT Equipments	2d	13-Jan-15 A	27-Jan-15 A		\$0.00	\$0.00	100%	0%												
MOB1040	Arrange for and erect Contractor's work and Storage Yards	9d	17-Dec-14 A	27-Jan-15 A		\$0.00	\$0.00	100%	0%												
MOB1050	Moving onto the Sites of all Plant and equipments	3d	29-Dec-14 A	26-Jan-15 A		\$0.00	\$0.00	100%	0%												
MOB1060	Post OSHA-required notices and establish safety programs	2d	29-Dec-14 A	26-Jan-15 A		\$0.00	\$0.00	100%	0%												
MOB1070	Installation of Temporary Facilities as per section 01500	5d	17-Dec-14 A	26-Jan-15 A		\$0.00	\$0.00	100%	0%												
MOB1080	Survey Work	5d	22-Dec-14 A	27-Jan-15 A		\$0.00	\$0.00	100%	0%												
MOB1090	Mobilization Summary	18d	17-Dec-14 A	27-Jan-15 A		\$93,284.00	\$93,284.00	100%	100%												
PreConstruction Submittals																					
PC-SUB-010	Preparation & Submit Copy of Bank Guarantee Certificates (for record)	1d	15-Dec-14 A	16-Dec-14 A		\$0.00	\$0.00	100%	0%												
PC-SUB-020	Review & Approval of Bank Guarantee Certificates (for record)	21d	16-Dec-14 A	28-Dec-14 A		\$0.00	\$0.00	100%	0%												
PC-SUB-030	Preparation & Submit Scheduling Qualification Submittal	2d	15-Dec-14 A	16-Dec-14 A		\$0.00	\$0.00	100%	0%												
PC-SUB-040	Review & Approval of Scheduling Qualification Submittal	21d	16-Dec-14 A	28-Dec-14 A		\$0.00	\$0.00	100%	0%												
PC-SUB-050	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)	2d	20-Dec-14 A	05-Jan-15 A		\$0.00	\$0.00	100%	0%												
PC-SUB-060	Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation)	21d	05-Jan-15 A	13-Jan-15 A		\$0.00	\$0.00	100%	0%												
PC-SUB-070	Preparation & Submit Submittals Schedule	2d	17-Dec-14 A	22-Dec-14 A		\$0.00	\$0.00	100%	0%												
PC-SUB-080	Review & Approval of Submittals Schedule	21d	22-Dec-14 A	27-Jan-15 A		\$0.00	\$0.00	100%	0%												
PC-SUB-090	Preparation & Submit Key Staff	2d	27-Dec-14 A	15-Jan-15 A		\$0.00	\$0.00	100%	0%												
PC-SUB-100	Review & Approval of Key Staff	21d	15-Jan-15 A	19-Jan-15 A		\$0.00	\$0.00	100%	0%												
PC-SUB-110	Preparation & Submit Project Temporary Signs	1d	27-Dec-14 A	11-Jan-15 A		\$0.00	\$0.00	100%	0%												
PC-SUB-120	Review & Approval of Project Temporary Signs	6d	11-Jan-15 A	25-Jan-15 A		\$0.00	\$0.00	100%	0%												
PC-SUB-130	Preparation & Submit Engineer's Field Office Location and Layout	3d	17-Dec-14 A	05-Jan-15 A		\$0.00	\$0.00	100%	0%												
PC-SUB-140	Review & Approval of Engineer's Field Office Location and Layout	11d	05-Jan-15 A	06-Jan-15 A		\$0.00	\$0.00	100%	0%												
PC-SUB-150	Preparation & Submit Field Office Furniture and Equipment Plan	3d	15-Dec-14 A	16-Dec-14 A		\$0.00	\$0.00	100%	0%												
PC-SUB-160	Review & Approval of Field Office Furniture and Equipment Plan	12d	16-Dec-14 A	21-Dec-14 A		\$0.00	\$0.00	100%	0%												
PC-SUB-170	Preparation & Submit Field Office Computer Systems and Miscellaneous	2d	15-Dec-14 A	16-Dec-14 A		\$0.00	\$0.00	100%	0%												
PC-SUB-180	Review & Approval of Field Office Computer Systems and Miscellaneous	15d	16-Dec-14 A	21-Dec-14 A		\$0.00	\$0.00	100%	0%												
PC-SUB-190	Preparation & Submit Quality Control Plan	10d	17-Dec-14 A	14-Jan-15 A		\$0.00	\$0.00	100%	0%												
PC-SUB-200	Review & Approval of Quality Control Plan	21d	14-Jan-15 A	17-Feb-15 A		\$0.00	\$0.00	100%	0%												



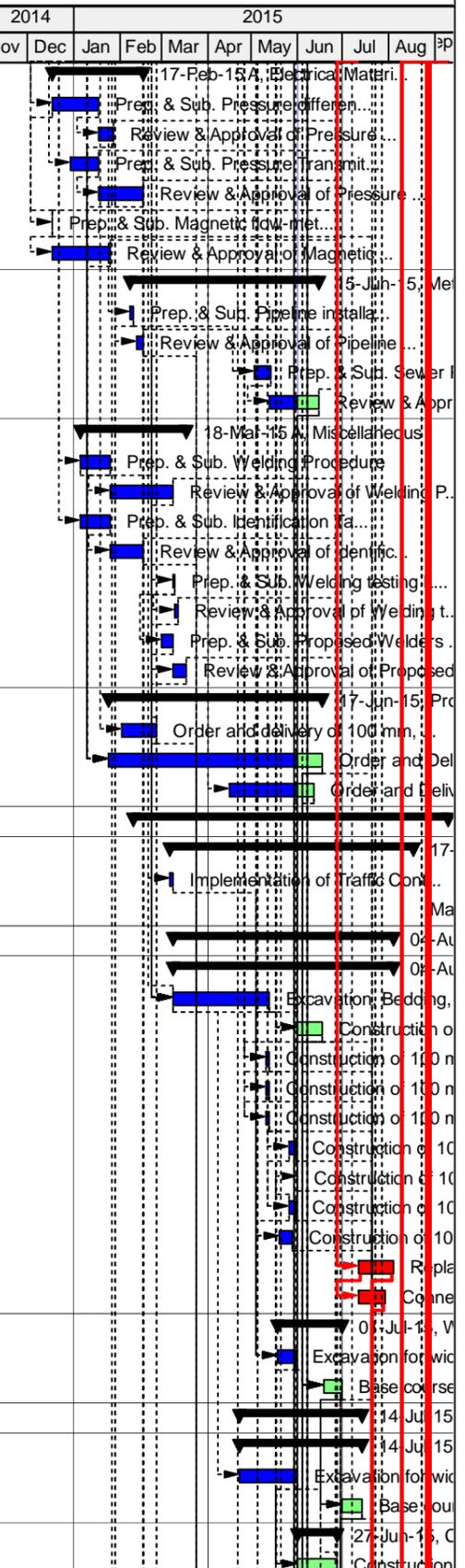
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost	Schedule % Complete	Cost % Complete	2014		2015					JP		
										Nov	Dec	Jan	Feb	Mar	Apr	May		Jun	Jul
CS-SH-W-	Review & Approval of Shop drawing for 50 mm WWTP Service connection Chamber at Station B 0+005	21d	23-Mar-15 A	08-Apr-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-	Prep. & Sub. Shop drawing for Replacement of existing Chamber at Segment A	5d	18-May-15 A	03-Jun-15	-15d	\$0.00	\$0.00	100%	0%										
CS-SH-W-	Review & Approval of Shop drawing for Replacement of existing Chamber at Segment A	21d	03-Jun-15	12-Jul-15	-13d	\$0.00	\$0.00	100%	0%										
AVAR Chambers		32d	03-Feb-15 A	04-Mar-15 A		\$0.00	\$0.00	0%	0%										
CS-SH-W-	Prep. & Sub. Shop drawing for 50mm AVAR chamber on 100mm pipe	5d	03-Feb-15 A	15-Feb-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-	Review & Approval of Shop drawing for 50mm AVAR chamber on 1100mm pipe	21d	15-Feb-15 A	04-Mar-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-	Prep. & Sub. Shop drawing for 50mm AVAR chamber	5d	11-Feb-15 A	15-Feb-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-	Review & Approval of Shop drawing for 50mm AVAR chamber	21d	15-Feb-15 A	04-Mar-15 A		\$0.00	\$0.00	100%	0%										
WO Washout Chambers		27d	03-Feb-15 A	04-Mar-15 A		\$0.00	\$0.00	0%	0%										
CS-SH-W-	Prep. & Sub. Shop drawing for 50mm WO chamber on 100mm pipe	5d	03-Feb-15 A	15-Feb-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-	Review & Approval of Shop drawing for 50mm WO chamber on 100mm pipe	21d	15-Feb-15 A	04-Mar-15 A		\$0.00	\$0.00	100%	0%										
Road Shopdrawing (Plan, Profile and Cross section)		65d	23-Dec-14 A	16-Apr-15 A		\$0.00	\$0.00	0%	0%										
Segment A (Plan, Profile and Cross section)		24d	23-Dec-14 A	16-Apr-15 A		\$0.00	\$0.00	0%	0%										
CS-SH-W-05	Prep. & Sub. Shop drawing for Road Segment A from station 0+000 to station 1+065	4d	23-Dec-14 A	08-Mar-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-06	Review & Approval of Shop drawing for Road Segment A from station 0+000 to station 1+065	21d	08-Mar-15 A	16-Apr-15 A		\$0.00	\$0.00	100%	0%										
Segment B (Plan, Profile and Cross section)		60d	31-Dec-14 A	02-Mar-15 A		\$0.00	\$0.00	0%	0%										
CS-SH-W-07	Prep. & Sub. Shop drawing for Road Segment B from station 0+000 to station 0+500	8d	31-Dec-14 A	11-Feb-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-08	Review & Approval of Shop drawing for Road Segment B from station 0+000 to station 0+500	21d	11-Feb-15 A	12-Feb-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-09	Prep. & Sub. Shop drawing for Road Segment B from station 0+500 to station 0+983	4d	16-Feb-15 A	22-Feb-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-10	Review & Approval of Shop drawing for Road Segment B from station 0+500 to station 0+983	21d	22-Feb-15 A	02-Mar-15 A		\$0.00	\$0.00	100%	0%										
Concrete Wall		93d	17-Jan-15 A	12-May-15 A		\$0.00	\$0.00	0%	0%										
CS-SH-W-065	Prep. & Sub. Shop drawing for Retaining Wall from station B0+034 to Station B0+100	5d	17-Jan-15 A	12-Feb-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-070	Review & Approval of Shop drawing for Retaining Wall from station B0+034 to Station B0+100	21d	12-Feb-15 A	02-Mar-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-075	Prep. & Sub. Shop drawing for Retaining Wall from station B0+100 to Station B0+150	5d	22-Jan-15 A	17-Feb-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-080	Review & Approval of Shop drawing for Retaining Wall from station B0+100 to Station B0+150	21d	17-Feb-15 A	11-Mar-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-085	Prep. & Sub. Shop drawing for Retaining Wall from station B0+150 to Station B0+200	5d	28-Jan-15 A	17-Feb-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-090	Review & Approval of Shop drawing for Retaining Wall from station B0+150 to Station B0+200	21d	17-Feb-15 A	11-Mar-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-095	Prep. & Sub. Shop drawing for Retaining Wall from station B0+200 to Station B0+250	5d	03-Feb-15 A	04-Mar-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-100	Review & Approval of Shop drawing for Retaining Wall from station B0+200 to Station B0+250	21d	04-Mar-15 A	11-Mar-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-105	Prep. & Sub. Shop drawing for Retaining Wall from station B0+250 to Station B0+300	5d	11-Feb-15 A	04-Mar-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-110	Review & Approval of Shop drawing for Retaining Wall from station B0+250 to Station B0+300	21d	04-Mar-15 A	11-Mar-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-115	Prep. & Sub. Shop drawing for Retaining Wall from station B0+300 to Station B0+350	5d	17-Feb-15 A	04-Mar-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-120	Review & Approval of Shop drawing for Retaining Wall from station B0+300 to Station B0+350	21d	04-Mar-15 A	08-Mar-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-135	Prep. & Sub. Shop drawing for Retaining Wall from station A0+210 to Station A0+260	5d	06-Apr-15 A	14-Apr-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-140	Review & Approval of Shop drawing for Retaining Wall from station A0+210 to Station A0+260	21d	14-Apr-15 A	12-May-15 A		\$0.00	\$0.00	100%	0%										
Culvert		103d	05-Mar-15 A	22-Jun-15	32d	\$0.00	\$0.00	0%	0%										
CS-SH-W-145	Prep. & Sub. Shop drawing for Box Culvert at station B0+020	10d	05-Mar-15 A	18-May-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-150	Review & Approval of Shop drawing for Box Culvert at station B0+020	21d	21-May-15 A	15-Jun-15	31d	\$0.00	\$0.00	100%	0%										
CS-SH-W-155	Prep. & Sub. Shop drawing for Pipe Culvert at Station B0+415	5d	23-Apr-15 A	26-May-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-160	Review & Approval of Shop drawing for Pipe Culvert at Station B0+415	21d	26-May-15 A	22-Jun-15	26d	\$0.00	\$0.00	100%	0%										
CS-SH-W-165	Prep. & Sub. Shop drawing for Pipe Culvert at Station B0+970	5d	23-Apr-15 A	26-May-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-170	Review & Approval of Shop drawing for for Pipe Culvert at Station B0+970	21d	26-May-15 A	22-Jun-15	26d	\$0.00	\$0.00	100%	0%										
Sewer Line		132d	09-Mar-15 A	11-Jun-15	2d	\$0.00	\$0.00	0%	0%										
CS-SH-W-125	Prep. & Sub. Shop drawing for Sewer Pipe line from station 0+000 to Station 0+560	10d	09-Mar-15 A	19-May-15 A		\$0.00	\$0.00	100%	0%										
CS-SH-W-130	Review & Approval of Shop drawing for Sewer Pipe line from station 0+000 to Station 0+560	21d	19-May-15 A	11-Jun-15	1d	\$0.00	\$0.00	100%	0%										
Material Submittals		131d	15-Dec-14 A	11-May-15 A		\$0.00	\$0.00	0%	0%										
Mechanical Material Submittals		72d	15-Dec-14 A	08-Apr-15 A		\$0.00	\$0.00	0%	0%										
MMS-SUB-1000	Prep. & Sub. Dismantling joints	5d	15-Dec-14 A	18-Dec-14 A		\$0.00	\$0.00	100%	0%										
MMS-SUB-1010	Review & Approval of Dismantling joints	21d	18-Dec-14 A	28-Dec-14 A		\$0.00	\$0.00	100%	0%										
MMS-SUB-1020	Prep. & Sub. Flanges	5d	30-Dec-14 A	18-Jan-15 A		\$0.00	\$0.00	100%	0%										
MMS-SUB-1030	Review & Approval of Flanges	21d	18-Jan-15 A	01-Feb-15 A		\$0.00	\$0.00	100%	0%										

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

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost	Schedule % Complete	Cost % Complete	2014 2015												
										Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept		
MMS-SUB-1040	Prep. & Sub. Pressure Gauge, ball valve, and snubber	5d	12-Jan-15 A	25-Jan-15 A		\$0.00	\$0.00	100%	0%													
MMS-SUB-1050	Review & Approval of Pressure Gauge, ball valve, and snubber	21d	18-Jan-15 A	20-Jan-15 A		\$0.00	\$0.00	100%	0%													
MMS-SUB-1060	Prep. & Sub. Heat Shrinkable for Steel Pipes	5d	17-Dec-14 A	15-Feb-15 A		\$0.00	\$0.00	100%	0%													
MMS-SUB-1070	Review & Approval of Heat Shrinkable for Steel Pipes	21d	15-Feb-15 A	04-Mar-15 A		\$0.00	\$0.00	100%	0%													
MMS-SUB-1080	Prep. & Sub. Sewer Pipe	18d	29-Jan-15 A	09-Mar-15 A		\$0.00	\$0.00	100%	0%													
MMS-SUB-1090	Review & Approval of Sewer Pipe	21d	09-Mar-15 A	18-Mar-15 A		\$0.00	\$0.00	100%	0%													
MMS-SUB-1100	Prep. & Sub. Combination Air Valve	5d	17-Dec-14 A	25-Jan-15 A		\$0.00	\$0.00	100%	0%													
MMS-SUB-1110	Review & Approval of Combination Air Valve	21d	25-Jan-15 A	28-Jan-15 A		\$0.00	\$0.00	100%	0%													
MMS-SUB-1120	Prep. & Sub. Flow Control Valve	5d	17-Dec-14 A	24-Mar-15 A		\$0.00	\$0.00	100%	0%													
MMS-SUB-1130	Review & Approval of Flow Control Valve	21d	24-Mar-15 A	08-Apr-15 A		\$0.00	\$0.00	100%	0%													
MMS-SUB-1140	Prep. & Sub. Pressure Relief Valve	5d	18-Dec-14 A	01-Feb-15 A		\$0.00	\$0.00	100%	0%													
MMS-SUB-1150	Review & Approval of Pressure Relief Valve	21d	01-Feb-15 A	04-Feb-15 A		\$0.00	\$0.00	100%	0%													
MMS-SUB-1160	Prep. & Sub. Strainer	5d	23-Dec-14 A	30-Dec-14 A		\$0.00	\$0.00	100%	0%													
MMS-SUB-1170	Review & Approval of Strainer	21d	30-Dec-14 A	30-Dec-14 A		\$0.00	\$0.00	100%	0%													
MMS-SUB-1180	Prep. & Sub. 100mm, 50mm Pipes	5d	27-Dec-14 A	15-Jan-15 A		\$0.00	\$0.00	100%	0%													
MMS-SUB-1190	Review & Approval of 100mm, 50mm Pipes	21d	15-Jan-15 A	19-Jan-15 A		\$0.00	\$0.00	100%	0%													
MMS-SUB-1200	Prep. & Sub. Gate Valve	5d	17-Dec-14 A	26-Jan-15 A		\$0.00	\$0.00	100%	0%													
MMS-SUB-1210	Review & Approval of Gate Valve	21d	26-Jan-15 A	28-Jan-15 A		\$0.00	\$0.00	100%	0%													
MMS-SUB-1220	Prep. & Sub. Pressure Reducing Valve	5d	17-Dec-14 A	01-Feb-15 A		\$0.00	\$0.00	100%	0%													
MMS-SUB-1230	Review & Approval of Pressure Reducing Valve	21d	01-Feb-15 A	05-Mar-15 A		\$0.00	\$0.00	100%	0%													
Civil Material Submittals		131d	15-Dec-14 A	11-May-15 A		\$0.00	\$0.00	0%	0%													
CMS-SUB-1000	Prep. & Sub. Bedding Material	5d	17-Dec-14 A	27-Jan-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1010	Review & Approval of Bedding Material	21d	27-Jan-15 A	29-Jan-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1020	Prep. & Sub. Single Size Backfilling Material	5d	18-Dec-14 A	27-Jan-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1030	Review & Approval of Single Size Backfilling Material	21d	24-Dec-14 A	29-Jan-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1040	Prep. & Sub. Base Course	5d	21-Dec-14 A	02-Feb-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1050	Review & Approval of Base Course	21d	02-Feb-15 A	03-Feb-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1060	Prep. & Sub. Curbstone	3d	17-Feb-15 A	24-Feb-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1070	Review & Approval of Curbstone	21d	24-Feb-15 A	24-Feb-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1080	Prep. & Sub. Guard rail	3d	09-Mar-15 A	09-Mar-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1090	Review & Approval of Guard rail	21d	09-Mar-15 A	06-Apr-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1100	Prep. & Sub. Traffic Signs	3d	06-Apr-15 A	13-Apr-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1110	Review & Approval of Traffic Signs	21d	13-Apr-15 A	16-Apr-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1120	Prep. & Sub. Road Marking Paint	3d	10-Mar-15 A	12-Mar-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1130	Review & Approval of Road Marking Paint	21d	12-Mar-15 A	17-Mar-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1140	Prep. & Sub. Concrete Mix Design	28d	13-Jan-15 A	02-Mar-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1150	Review & Approval of Concrete Mix Design	21d	02-Mar-15 A	17-Mar-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1160	Prep. & Sub. Steel Reinforcement	4d	15-Dec-14 A	18-Dec-14 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1170	Review & Approval of Steel Reinforcement	21d	18-Dec-14 A	12-Jan-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1180	Prep. & Sub. Bituminous Cold Material	2d	05-Jan-15 A	25-Jan-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1190	Review & Approval of Bituminous Cold Material	21d	25-Jan-15 A	01-Feb-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1200	Prep. & Sub. Manhole covers and frames	4d	17-Dec-14 A	30-Dec-14 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1210	Review & Approval of Manhole covers and frames	21d	30-Dec-14 A	04-Jan-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1220	Prep. & Sub. Pipe's supports	4d	19-Apr-15 A	26-Apr-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1230	Review & Approval of Pipe's supports	21d	26-Apr-15 A	11-May-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1240	Prep. & Sub. Manhole Rungs	2d	22-Dec-14 A	18-Feb-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1250	Review & Approval of Manhole Rungs	21d	18-Feb-15 A	04-Mar-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1260	Prep. & Sub. Asphalt Mix Design	7d	13-Jan-15 A	18-Feb-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1270	Review & Approval of Asphalt Mix Design	21d	18-Feb-15 A	16-Mar-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1280	Prep. & Sub. Prime Coat and Tack Coat	3d	02-Mar-15 A	04-Mar-15 A		\$0.00	\$0.00	100%	0%													
CMS-SUB-1290	Review & Approval of Prime Coat and Tack Coat	21d	04-Mar-15 A	25-Mar-15 A		\$0.00	\$0.00	100%	0%													

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

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost	Schedule % Complete	Cost % Complete	2014		2015							
										Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Electrical Material Submittals																			
EMS-SUB-1000	Prep. & Sub. Pressure differential switches	5d	17-Dec-14 A	17-Feb-15 A		\$0.00	\$0.00	100%	0%										
EMS-SUB-1010	Review & Approval of Pressure differential switches	21d	18-Jan-15 A	28-Jan-15 A		\$0.00	\$0.00	100%	0%										
EMS-SUB-1020	Prep. & Sub. Pressure Transmitters	5d	30-Dec-14 A	18-Jan-15 A		\$0.00	\$0.00	100%	0%										
EMS-SUB-1030	Review & Approval of Pressure Transmitters	21d	18-Jan-15 A	17-Feb-15 A		\$0.00	\$0.00	100%	0%										
EMS-SUB-1040	Prep. & Sub. Magnetic flow-meters	5d	17-Dec-14 A	18-Dec-14 A		\$0.00	\$0.00	100%	0%										
EMS-SUB-1050	Review & Approval of Magnetic flow-meters	21d	18-Dec-14 A	26-Jan-15 A		\$0.00	\$0.00	100%	0%										
Method Statement																			
MS-SUB-1000	Prep. & Sub. Pipeline installation method statement	3d	08-Feb-15 A	10-Feb-15 A		\$0.00	\$0.00	100%	0%										
MS-SUB-1010	Review & Approval of Pipeline installation method statement	21d	12-Feb-15 A	17-Feb-15 A		\$0.00	\$0.00	100%	0%										
MS-SUB-1020	Prep. & Sub. Sewer Pipe installation method statement	11d	02-May-15 A	13-May-15 A		\$0.00	\$0.00	100%	0%										
MS-SUB-1030	Review & Approval of Sewer Pipe installation method statement	21d	13-May-15 A	15-Jun-15	3d	\$0.00	\$0.00	100%	0%										
Miscellaneous																			
MIS-SUB-1000	Prep. & Sub. Welding Procedure	4d	05-Jan-15 A	26-Jan-15 A		\$0.00	\$0.00	100%	0%										
MIS-SUB-1010	Review & Approval of Welding Procedure	21d	26-Jan-15 A	09-Mar-15 A		\$0.00	\$0.00	100%	0%										
MIS-SUB-1020	Prep. & Sub. Identification Tape	5d	05-Jan-15 A	26-Jan-15 A		\$0.00	\$0.00	100%	0%										
MIS-SUB-1030	Review & Approval of Identification Tape	21d	26-Jan-15 A	17-Feb-15 A		\$0.00	\$0.00	100%	0%										
MIS-SUB-1040	Prep. & Sub. Welding testing Labs	4d	09-Mar-15 A	10-Mar-15 A		\$0.00	\$0.00	100%	0%										
MIS-SUB-1050	Review & Approval of Welding testing Labs	21d	10-Mar-15 A	12-Mar-15 A		\$0.00	\$0.00	100%	0%										
MIS-SUB-1060	Prep. & Sub. Proposed Welders for Welders Qualification Test - CVs	4d	01-Mar-15 A	09-Mar-15 A		\$0.00	\$0.00	100%	0%										
MIS-SUB-1070	Review & Approval of Proposed Welders for Welders Qualification Test - CVs	21d	09-Mar-15 A	18-Mar-15 A		\$0.00	\$0.00	100%	0%										
Procurement																			
PRO-1000	Order and delivery of 100 mm, 50mm Pipes	30d	02-Feb-15 A	26-Feb-15 A		\$0.00	\$0.00	100%	0%										
PRO-1010	Order and Delivery of Mechanical and Electrical Fittings	50d	25-Jan-15 A	17-Jun-15	13d	\$0.00	\$0.00	100%	0%										
PRO-1020	Order and Delivery of Sewer Pipes	40d	16-Apr-15 A	11-Jun-15	6d	\$0.00	\$0.00	100%	0%										
Execution																			
Road Segment A																			
E-A-01	Implementation of Traffic Control Plan - Segment A	2d	07-Mar-15 A	09-Mar-15 A	-5d	\$321,775.00	\$118,050.00	53.73%	36.69%										
E-A-10	Maintain of Traffic Control Plan and Safety - Segment A	95d	09-Mar-15 A	17-Aug-15	-5d	\$0.00	\$0.00	68.42%	0%										
Road Segment A - Left Hand Side																			
Installation of 100mm Pipe and chambers																			
E-A-15	Excavation, Bedding, Installation and Backfilling of 100mm pipelines at segment A	15d	09-Mar-15 A	13-May-15 A		\$92,100.00	\$92,100.00	100%	100%										
E-A-20	Construction of 100 mm Flow Monitoring Chamber at Station A 0+000 (HAR Main Connection)	15d	01-Jun-15	17-Jun-15	6d	\$8,800.00	\$0.00	100%	0%										
E-A-22	Construction of 100 mm Washout Chamber at Station A 0+047	15d	11-May-15 A	13-May-15 A		\$600.00	\$600.00	100%	100%										
E-A-24	Construction of 100 mm Air Release Valve Chamber at Station A 0+183	15d	11-May-15 A	13-May-15 A		\$480.00	\$480.00	100%	100%										
E-A-26	Construction of 100 mm Isolation Valve Chamber at Station A 0+470	15d	11-May-15 A	13-May-15 A		\$1,000.00	\$1,000.00	100%	100%										
E-A-30	Construction of 100 mm Washout Chamber at Station A 0+620	15d	26-May-15 A	31-May-15 A		\$0.00	\$0.00	100%	0%										
E-A-31	Construction of 100 mm Washout Chamber at Station A 0+930	0d	01-Jun-15	01-Jun-15	28d	\$0.00	\$0.00	100%	0%										
E-A-32	Construction of 100 mm Air Release Valve Chamber at Station A 0+815	0d	26-May-15 A	31-May-15 A		\$0.00	\$0.00	100%	0%										
E-A-45	Construction of 100 mm QELQES Service connection Chamber at Station A 0+990	21d	20-May-15 A	28-May-15 A		\$3,400.00	\$3,400.00	90.48%	100%										
E-A-65	Replacement of existing Chamber at Segment A	15d	12-Jul-15	04-Aug-15	-15d	\$480.00	\$0.00	100%	0%										
E-A-65a	Connection to the existing water pipeline DN50	10d	12-Jul-15	29-Jul-15	-10d	\$1,800.00	\$0.00	100%	0%										
Widening of left hand side of existing Road																			
E-A-25	Excavation for widening of left hand side of existing Road From Station A 0+200 to Station A 1+056	8d	18-May-15 A	31-May-15 A		\$9,337.50	\$9,337.50	100%	100%										
E-A-55	Base course for widening of left hand side of existing Road including test result Station A 0+200 to Station A 1+056	7d	18-Jun-15	01-Jul-15	6d	\$7,650.00	\$0.00	0%	0%										
Road Segment A - Right Hand Side																			
Widening of Right hand side of existing Road																			
E-A-75	Excavation for widening of Right hand side of existing Road From Station A 0+200 to Station A 1+056	12d	23-Apr-15 A	01-Jun-15 A		\$9,337.50	\$9,337.50	100%	100%										
E-A-85	Base course for widening of Right hand side of existing Road From Station A 0+200 to Station A 1+056	7d	01-Jul-15	14-Jul-15	6d	\$7,650.00	\$0.00	0%	0%										
Concrete Work																			
E-A-88	Construction of Reinforced Concrete Wall at Station A0+210 to A 0+260 H=2m Max	21d	01-Jun-15 A	27-Jun-15	8d	\$35,900.00	\$1,795.00	100%	5%										



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

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost	Schedule % Complete	Cost % Complete	2014		2015					SP
										Nov	Dec	Jan	Feb	Mar	Apr	May	
Asphalting – Milling & Overlay																	
E-A-89	Asphalt Binder Course layer for road widening - segment A from station 0+200 to Station 1+056 include MC	3d	14-Jul-15	22-Jul-15	6d	\$31,320.00	\$0.00	0%	0%								Asphalt
E-A-91	Milling of the existing road - segment A from station 0+000 to Station 1+056	2d	04-Aug-15	06-Aug-15	-5d	\$7,000.00	\$0.00	0%	0%								Milling
E-A-94	Asphalt Wearing Course Layer for road segment A from station 0+000 to Station 1+056	4d	06-Aug-15	11-Aug-15	-5d	\$76,320.00	\$0.00	0%	0%								Asphalt
E-A-95	Road Marking and Traffic Signs	5d	11-Aug-15	17-Aug-15	-5d	\$17,600.00	\$0.00	0%	0%								Road
E-A-96	Cleaning of existing pipe culvert at station A0+053	2d	11-Aug-15	13-Aug-15	-2d	\$1,800.00	\$0.00	0%	0%								Clea
E-A-97	Sidewalk from Station A 0+200 to Station A 0+260	5d	01-Jun-15	06-Jun-15	43d	\$2,800.00	\$0.00	100%	0%								Sidewalk from St
E-A-98	Stone work from Station A 0+415 to Station A 0+430, and from Station A 0+740 to Station A 0+780	10d	01-Jun-15	11-Jun-15	18d	\$6,400.00	\$0.00	100%	0%								Stone work from
Road Segment B																	
E-B-100	Implementation of Traffic Control Plan - Segment B	2d	10-Feb-15 A	12-Feb-15 A		\$0.00	\$0.00	100%	0%								Implementation of Traffic Cont..
E-B-105	Maintain of Traffic Control Plan and Safety - Segment B	133d	12-Feb-15 A	10-Sep-15	-28d	\$0.00	\$0.00	63.91%	0%								
Road Seg. B from Station 0+000 to Station 0+350																	
E-B-110	Excavation / Cut to specified level from station B0+000 to Station B0+350	20d	12-Feb-15 A	01-Jun-15 A		\$23,655.00	\$23,655.00	100%	100%								Excavation / Cut t
E-B-112	Subgrade preparation for road segment from station B0+000 to Station B0+350	5d	14-May-15 A	01-Jun-15 A		\$0.00	\$0.00	0%	0%								Subgrade prepara
E-B-115	Basecourse layer (20 cm) from station B0+000 to Station B0+350	7d	26-Aug-15	03-Sep-15	-28d	\$12,750.00	\$0.00	0%	0%								
E-B-219	Road Embankment / Fill to specified level from station B0+000 to Station B0+350	20d	09-May-15 A	02-Jun-15	74d	\$43,725.00	\$41,538.75	0%	95%								Road Embankme
Installation of 50mm Pipe and chambers																	
E-B-120	Excavation, Bedding, Installation and Backfilling of 50mm pipelines at segment B	4d	08-Apr-15 A	01-Jun-15	28d	\$21,700.00	\$19,530.00	0%	90%								01-Jun-15. Install
E-B-125	Construction of 50 mm WWTP Service connection Chamber at Station B 0+005	15d	20-May-15 A	28-May-15 A		\$4,400.00	\$4,400.00	0%	100%								Excavation, Bedd
E-B-130	Construction of 50 mm Air Release Valve Chamber at Station B 0+032.72 (Cancelled)	0d	01-Jun-15	01-Jun-15	28d	\$0.00	\$0.00	0%	0%								Construction of 50
Concrete Work																	
E-B-135	Construction of Reinforced Concrete Wall from Station B0+034 to Station B0+100 H=2.0m Max	17d	03-Mar-15 A	17-May-15 A		\$49,895.00	\$49,895.00	100%	100%								01-Jun-15. Concr
E-B-189	Construction of Reinforced Concrete Wall from Station B0+100 to Station B0+150 H=2.0m Max	13d	12-Mar-15 A	17-May-15 A		\$39,995.00	\$39,995.00	100%	100%								Construction of Rein
E-B-194	Construction of Reinforced Concrete Wall from Station B0+150 to Station B0+200 H=2.0m Max	13d	12-Mar-15 A	17-May-15 A		\$39,995.00	\$39,995.00	100%	100%								Construction of Rein
E-B-199	Construction of Reinforced Concrete Wall from Station B0+200 to Station B0+250 H=2.0m Max	0d	01-Jun-15	01-Jun-15	74d	\$0.00	\$0.00	100%	0%								Construction of Rein
E-B-204	Construction of Reinforced Concrete Wall from Station B0+250 to Station B0+300 H=2.0m Max	0d	01-Jun-15	01-Jun-15	74d	\$0.00	\$0.00	38.46%	0%								Construction of R
E-B-209	Construction of Reinforced Concrete Wall from Station B0+300 to Station B0+350 H=2.0m Max	0d	01-Jun-15	01-Jun-15	74d	\$0.00	\$0.00	0%	0%								Construction of R
Box Culvert at Station 0+020																	
E-B-136	Structural Excavation to specified level for Box Culvert	7d	06-May-15 A	04-Jun-15	-28d	\$11,250.00	\$5,625.00	100%	50%								Structural Excava
E-B-137	Basecourse first layer (20 cm) for Box Culvert	7d	04-Jun-15	13-Jun-15	-28d	\$714.00	\$0.00	100%	0%								Basecourse first
E-B-138	Basecourse Second layer (20 cm) for Box Culvert	7d	13-Jun-15	22-Jun-15	-28d	\$714.00	\$0.00	100%	0%								Basecourse S
E-B-139	Basecourse Third layer (20 cm) for Box Culvert	7d	23-Jun-15	06-Jul-15	-28d	\$714.00	\$0.00	100%	0%								Basecourse
E-B-140	Bliding Concrete for Box Culvert	3d	06-Jul-15	11-Jul-15	-28d	\$3,255.00	\$0.00	100%	0%								Bliding Co
E-B-141	formwork, rebar and cast in place of Box Culvert Base slab	5d	12-Jul-15	22-Jul-15	-28d	\$14,150.00	\$0.00	100%	0%								formwor
E-B-142	formwork, rebar and cast in place of walls of Box Culvert Base	15d	22-Jul-15	09-Aug-15	-28d	\$52,450.00	\$0.00	100%	0%								form
E-B-143	formwork, rebar and cast in place of roof slab of Box Culvert	15d	09-Aug-15	26-Aug-15	-28d	\$15,125.00	\$0.00	26.67%	0%								form
E-B-144	formwork, rebar and cast in place of boundary wall of Box Culvert	5d	26-Aug-15	01-Sep-15	-20d	\$12,075.00	\$0.00	0%	0%								form
Road Seg. B from Station 0+350 to Station 0+983																	
E-B-149	Excavation / Cut to specified level from station B0+350 to Station B0+983	20d	03-Mar-15 A	31-May-15 A		\$42,745.00	\$42,745.00	100%	100%								26-Jul-
E-B-149A	Road Embankment to specified level from station B0+350 to Station B0+983	20d	01-Apr-15 A	01-Jun-15	57d	\$80,025.00	\$76,023.75	100%	95%								Road Embankme
E-B-150	Subgrade Preparation for road segment B from station B0+350 to Station B0+983	7d	30-Apr-15 A	01-Jun-15	76d	\$0.00	\$0.00	100%	0%								Subgrade Prepar
E-B-179	Basecourse layer (20 cm) from station B0+350 to Station B0+983	10d	27-May-15 A	08-Jun-15	35d	\$31,008.00	\$9,302.40	0%	30%								Basecourse laye
Installation of 50mm Pipe																	
E-B-154	Excavation, Bedding, Installation and Backfilling of 50mm pipelines from station B0+350 to Station B0+983	6d	30-Apr-15 A	01-Jun-15	76d	\$39,060.00	\$37,107.00	0%	95%								01-Jun-15. Install
Pipe Culvert																	
E-B-174	Construction of Pipe Culvert at Station B0+415 1000mm length 10 m	10d	22-Jun-15	11-Jul-15	39d	\$6,250.00	\$0.00	100%	0%								26-Jul-
E-B-184	Construction of Pipe Culvert at Station B0+970 1000mm length 16.5m	10d	11-Jul-15	28-Jul-15	39d	\$9,400.00	\$0.00	100%	0%								Constructi
Sewer Trunk Line																	
Installation of Sewer trunk line from Station 0+000 to Station 0+140																	
E-S-10	Excavation for trunk line from Station 0+000 to Station 0+140 including Manholes	5d	13-Jun-15	17-Jun-15	2d	\$16,900.00	\$0.00	100%	0%								15-Jun-15
E-S-15	Bedding for trunk line from Station 0+000 to Station 0+140	5d	14-Jun-15	20-Jun-15	3d	\$0.00	\$0.00	100%	0%								Excavation for

█ 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	2014		2015										
						Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
Monthly Update - TO-15-01-HAR- Hebron WWTP Access Road						214d	15-Dec-14 A	12-Sep-15	0d									
Milestones						178d	15-Dec-14 A	12-Sep-15	-27d									
Intermediate Milestones						178d	15-Dec-14 A	12-Sep-15	-27d									
IA-20	Project Duration	178d	15-Dec-14 A	12-Sep-15	-27d													
Construction Phase						171d	25-Jan-15 A	10-Sep-15	1d									
Construction Submittals						51d	13-May-15 A	12-Jul-15	22d									
Shopdrawing submittals						40d	18-May-15 A	12-Jul-15	22d									
Water Pipeline Shopdrawing						40d	18-May-15 A	12-Jul-15	-15d									
Chambers Shopdrawing						40d	18-May-15 A	12-Jul-15	-15d									
Connection and Monitoring Chamber						40d	18-May-15 A	12-Jul-15	-15d									
CS-SH-W-55	Prep. & Sub. Shop drawing for Replacement of existing Chamber at Segment A	5d	18-May-15 A	03-Jun-15	-15d													
CS-SH-W-60	Review & Approval of Shop drawing for Replacement of existing Chamber at Segment A	21d	03-Jun-15	12-Jul-15	-13d													
Culvert						22d	21-May-15 A	22-Jun-15	26d									
CS-SH-W-150	Review & Approval of Shop drawing for Box Culvert at station B0+020	21d	21-May-15 A	15-Jun-15	31d													
CS-SH-W-160	Review & Approval of Shop drawing for Pipe Culvert at Station B0+415	21d	26-May-15 A	22-Jun-15	26d													
CS-SH-W-170	Review & Approval of Shop drawing for for Pipe Culvert at Station B0+970	21d	26-May-15 A	22-Jun-15	26d													
Sewer Line						21d	19-May-15 A	11-Jun-15	1d									
CS-SH-W-130	Review & Approval of Shop drawing for Sewer Pipe line from station 0+000 to Station 0+560	21d	19-May-15 A	11-Jun-15	1d													
Method Statement						21d	13-May-15 A	15-Jun-15	3d									
MS-SUB-1030	Review & Approval of Sewer Pipe installation method statement	21d	13-May-15 A	15-Jun-15	3d													
Procurement						79d	25-Jan-15 A	17-Jun-15	13d									
Execution						171d	12-Feb-15 A	10-Sep-15	1d									
Road Segment A						95d	09-Mar-15 A	17-Aug-15	-5d									
E-A-10	Maintain of Traffic Control Plan and Safety - Segment A	95d	09-Mar-15 A	17-Aug-15	-5d													
Road Segment A - Left Hand Side						22d	01-Jun-15	01-Jul-15	6d									
Installation of 100mm Pipe and chambers						15d	01-Jun-15	17-Jun-15	13d									
E-A-20	Construction of 100 mm Flow Monitoring Chamber at Station A 0+000 (HAR Main Connection)	15d	01-Jun-15	17-Jun-15	6d													
E-A-31	Construction of 100 mm Washout Chamber at Station A 0+930	0d	01-Jun-15	01-Jun-15	28d													
Widening of left hand side of existing Road						7d	18-Jun-15	01-Jul-15	6d									
E-A-55	Base course for widening of left hand side of existing Road including test result Station A 0+200 to Station A 1+05i	7d	18-Jun-15	01-Jul-15	6d													
Road Segment A - Right Hand Side						30d	23-Apr-15 A	27-Jun-15	8d									
Widening of Right hand side of existing Road						12d	23-Apr-15 A	01-Jun-15 A										
E-A-75	Excavation for widening of Right hand side of existing Road From Station A 0+200 to Station A 1+056	12d	23-Apr-15 A	01-Jun-15 A														
Concrete Work						21d	01-Jun-15 A	27-Jun-15	8d									
E-A-88	Construction of Reinforced Concrete Wall at Station A0+210 to A 0+260 H=2m Max	21d	01-Jun-15 A	27-Jun-15	8d													
Asphalting - Milling & Overlay						10d	01-Jun-15	11-Jun-15	38d									
E-A-97	Sidewalk from Station A 0+200 to Station A 0+260	5d	01-Jun-15	06-Jun-15	43d													
E-A-98	Stone work from Station A 0+415 to Station A 0+430, and from Station A 0+740 to Station A 0+780	10d	01-Jun-15	11-Jun-15	18d													
Road Segment B						171d	12-Feb-15 A	10-Sep-15	1d									
E-B-105	Maintain of Traffic Control Plan and Safety - Segment B	133d	12-Feb-15 A	10-Sep-15	-28d													
Road Seg. B from Station 0+000 to Station 0+350						110d	12-Feb-15 A	06-Jul-15	52d									
E-B-110	Excavation / Cut to specified level from station B0+000 to Station B0+350	20d	12-Feb-15 A	01-Jun-15 A														
E-B-112	Subgrade preparation for road segment from station B0+000 to Station B0+350	5d	14-May-15 A	01-Jun-15 A														
E-B-219	Road Embankment / Fill to specified level from station B0+000 to Station B0+350	20d	09-May-15 A	02-Jun-15	74d													
Installation of 50mm Pipe and chambers						24d	08-Apr-15 A	01-Jun-15	28d									
E-B-120	Excavation, Bedding, Installation and Backfilling of 50mm pipelines at segment B	4d	08-Apr-15 A	01-Jun-15	28d													
E-B-130	Construction of 50 mm Air Release Valve Chamber at Station B 0+032.72 (Cancelled)	0d	01-Jun-15	01-Jun-15	28d													
Concrete Work						0d	01-Jun-15	01-Jun-15	74d									
Box Culvert at Station 0+020						21d	06-May-15 A	06-Jul-15	-28d									
E-B-136	Structural Excavation to specified level for Box Culvert	7d	06-May-15 A	04-Jun-15	-28d													
E-B-137	Basecourse first layer (20 cm) for Box Culvert	7d	04-Jun-15	13-Jun-15	-28d													
E-B-138	Basecourse Second layer (20 cm) for Box Culvert	7d	13-Jun-15	22-Jun-15	-28d													
E-B-139	Basecourse Third layer (20 cm) for Box Culvert	7d	23-Jun-15	06-Jul-15	-28d													

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

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2014		2015											
						Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep			
Road Seg. B from Station 0+350 to Station 0+983						138d	01-Apr-15 A	11-Jul-15	49d									11-Jul-15, Road Seg.	
E-B-149A	Road Embankment to specified level from station B0+350 to Station B0+983	20d	01-Apr-15 A	01-Jun-15	57d													Road Embankment to specified l...	
E-B-150	Subgrade Preparation for road segment B from station B0+350 to Station B0+983	7d	30-Apr-15 A	01-Jun-15	76d													Subgrade Preparation for road ...	
E-B-179	Basecourse layer (20 cm) from station B0+350 to Station B0+983	10d	27-May-15 A	08-Jun-15	35d													Basecourse layer (20 cm) from ...	
Installation of 50mm Pipe						6d	30-Apr-15 A	01-Jun-15	76d									01-Jun-15, Installation of 50m...	
E-B-154	Excavation, Bedding, Installation and Backfilling of 50mm pipelines from station B0+350 to Station B0+983	6d	30-Apr-15 A	01-Jun-15	76d													Excavation, Bedding, Installat...	
Pipe Culvert						10d	22-Jun-15	11-Jul-15	39d									11-Jul-15, Pipe Culvert	
E-B-174	Construction of Pipe Culvert at Station B0+415 1000mm length 10 m	10d	22-Jun-15	11-Jul-15	39d													Construction of Pipe C	
Sewer Trunk Line						20d	13-Jun-15	15-Jul-15	8d									15-Jul-15, Sewer Tru	
Installation of Sewer trunk line from Station 0+000 to Station 0+140						20d	13-Jun-15	15-Jul-15	3d										15-Jul-15, Installation
E-S-10	Excavtion for trunk line from Station 0+000 to Station 0+140 including Manholes	5d	13-Jun-15	17-Jun-15	2d													Excavtion for trunk line from...	
E-S-15	Bedding for trunk line from Station 0+000 to Station 0+140	5d	14-Jun-15	20-Jun-15	3d													Bedding for trunk line from St.	
E-S-20	Installation of trunk line from Station 0+000 to Station 0+140	5d	15-Jun-15	22-Jun-15	3d													Installation of trunk line fro...	
E-S-25	Backfilling of trunk line from Station 0+000 to Station 0+140	5d	16-Jun-15	24-Jun-15	14d													Backfilling of trunk line from..	
E-S-30	Construction of Manhole for trunk line from Station 0+000 to Station 0+140 (MH 01, 02, 03, 04 and 05) and Outlk	15d	18-Jun-15	15-Jul-15	3d													Construction of Man	
Installation of Sewer trunk line from Station 0+140 to Station 0+280						9d	18-Jun-15	04-Jul-15	14d										04-Jul-15, Installation of
E-S-35	Excavtion for trunk line from Station 0+140 to Station 0+280 including Manholes	5d	18-Jun-15	27-Jun-15	2d													Excavtion for trunk line fro	
E-S-40	Bedding for trunk line from Station 0+140 to Station 0+280	5d	20-Jun-15	29-Jun-15	3d													Bedding for trunk line from	
E-S-45	Installation of trunk line from Station 0+140 to Station 0+280	5d	23-Jun-15	01-Jul-15	3d													Installation of trunk line fro	
E-S-50	Backfilling of trunk line from Station 0+140 to Station 0+280	5d	24-Jun-15	04-Jul-15	14d													Backfilling of trunk line fro	
Installation of Sewer trunk line from Station 0+280 to Station 0+420						5d	28-Jun-15	06-Jul-15	2d										06-Jul-15, Installation of
E-S-60	Excavtion for trunk line from Station 0+280 to Station 0+420 including Manholes	5d	28-Jun-15	06-Jul-15	2d													Excavtion for trunk line	
Post Construction Phase						20d	18-Jun-15	26-Jul-15	15d										26-Jul-15, Post C

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



Annex L:

Completed and in progress activities

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2014		2015								
						Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Monthly Update - TO-15-01-HAR- Hebron WWTP Access Road						214d	15-Dec-14 A	12-Sep-15	0d							
Milestones						178d	15-Dec-14 A	12-Sep-15	-27d							
General Milestones						0d	15-Dec-14 A	15-Dec-14 A								
A-1	Notice to Proceed (NTP)	0d	15-Dec-14 A			▼ 15-Dec-14 A, General Milestone... ◆ Notice to Proceed (NTP)										
Intermediate Milestones						178d	15-Dec-14 A	12-Sep-15	-27d							
IA-01	Start of Mobilization	0d	15-Dec-14 A			▶ Start of Mobilization										
IA-02	Finish of Mobilization	0d		27-Jan-15 A		◆ Finish of Mobilization										
IA-03	Start of Pre-Construction Submittals	0d	15-Dec-14 A			▶ Start of Pre-Construction Subm...										
IA-04	Finish of Pre-Construction Submittals	0d		15-Mar-15 A		◆ Finish of Pre-Construction Sub...										
IA-05	Start of Construction Submittals	0d	15-Dec-14 A			▶ Start of Construction Submitta...										
IA-07	Start of Construction at Segment A	0d	09-Mar-15 A			▶ Start of Construction at Segme...										
IA-09	Start of Construction at Segment B	0d	12-Feb-15 A			▶ Start of Construction at Segme...										
IA-20	Project Duration	178d	15-Dec-14 A	12-Sep-15	-27d											
PreConstruction Phase						51d	15-Dec-14 A	15-Mar-15 A								
Mobilization						18d	17-Dec-14 A	27-Jan-15 A								
MOB1000	Pre-Construction Dilapidation Survey	2d	20-Dec-14 A	12-Jan-15 A		▶ Pre-Construction Dilapidation ...										
MOB1010	Provide, furnish and erect Temporary Project Signs	2d	06-Jan-15 A	26-Jan-15 A		▶ Provide, furnish and erect Tem...										
MOB1020	Supply and furnish Field Office Furniture and Miscellaneous	2d	11-Jan-15 A	27-Jan-15 A		▶ Supply and furnish Field Offic...										
MOB1030	Supply and install Field Office Computer Systems and IT Equipments	2d	13-Jan-15 A	27-Jan-15 A		▶ Supply and install Field Offic...										
MOB1040	Arrange for and erect Contractor's work and Storage Yards	9d	17-Dec-14 A	27-Jan-15 A		▶ Arrange for and erect Contract...										
MOB1050	Moving onto the Sites of all Plant and equipments	3d	29-Dec-14 A	26-Jan-15 A		▶ Moving onto the Sites of all P...										
MOB1060	Post OSHA-required notices and establish safety programs	2d	29-Dec-14 A	26-Jan-15 A		▶ Post OSHA-required notices and...										
MOB1070	Installation of Temporary Facilities as per section 01500	5d	17-Dec-14 A	26-Jan-15 A		▶ Installation of Temporary Faci...										
MOB1080	Survey Work	5d	22-Dec-14 A	27-Jan-15 A		▶ Survey Work										
MOB1090	Mobilization Summary	18d	17-Dec-14 A	27-Jan-15 A		▶ Mobilization Summary										
PreConstruction Submittals						51d	15-Dec-14 A	15-Mar-15 A								
PC-SUB-010	Preparation & Submit Copy of Bank Guarantee Certificates (for record)	1d	15-Dec-14 A	16-Dec-14 A		▶ Preparation & Submit Copy of B...										
PC-SUB-020	Review & Approval of Bank Guarantee Certificates (for record)	21d	16-Dec-14 A	28-Dec-14 A		▶ Review & Approval of Bank Guar...										
PC-SUB-030	Preparation & Submit Scheduling Qualification Submittal	2d	15-Dec-14 A	16-Dec-14 A		▶ Preparation & Submit Scheduling...										
PC-SUB-040	Review & Approval of Scheduling Qualification Submittal	21d	16-Dec-14 A	28-Dec-14 A		▶ Review & Approval of Scheduling...										
PC-SUB-050	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)	2d	20-Dec-14 A	05-Jan-15 A		▶ Preparation & Submit Prelimina...										
PC-SUB-060	Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation)	21d	05-Jan-15 A	13-Jan-15 A		▶ Review & Approval of Prelimina...										
PC-SUB-070	Preparation & Submit Submittals Schedule	2d	17-Dec-14 A	22-Dec-14 A		▶ Preparation & Submit Submittal...										
PC-SUB-080	Review & Approval of Submittals Schedule	21d	22-Dec-14 A	27-Jan-15 A		▶ Review & Approval of Submittal...										
PC-SUB-090	Preparation & Submit Key Staff	2d	27-Dec-14 A	15-Jan-15 A		▶ Preparation & Submit Key Staff										
PC-SUB-100	Review & Approval of Key Staff	21d	15-Jan-15 A	19-Jan-15 A		▶ Review & Approval of Key Staff										
PC-SUB-110	Preparation & Submit Project Temporary Signs	1d	27-Dec-14 A	11-Jan-15 A		▶ Preparation & Submit Project T...										
PC-SUB-120	Review & Approval of Project Temporary Signs	6d	11-Jan-15 A	25-Jan-15 A		▶ Review & Approval of Project T...										
PC-SUB-130	Preparation & Submit Engineer's Field Office Location and Layout	3d	17-Dec-14 A	05-Jan-15 A		▶ Preparation & Submit Engineer'...										
PC-SUB-140	Review & Approval of Engineer's Field Office Location and Layout	11d	05-Jan-15 A	06-Jan-15 A		▶ Review & Approval of Engineer'...										
PC-SUB-150	Preparation & Submit Field Office Furniture and Equipment Plan	3d	15-Dec-14 A	16-Dec-14 A		▶ Preparation & Submit Field Off...										
PC-SUB-160	Review & Approval of Field Office Furniture and Equipment Plan	12d	16-Dec-14 A	21-Dec-14 A		▶ Review & Approval of Field Off...										
PC-SUB-170	Preparation & Submit Field Office Computer Systems and Miscellaneous	2d	15-Dec-14 A	16-Dec-14 A		▶ Preparation & Submit Field Off...										
PC-SUB-180	Review & Approval of Field Office Computer Systems and Miscellaneous	15d	16-Dec-14 A	21-Dec-14 A		▶ Review & Approval of Field Off...										
PC-SUB-190	Preparation & Submit Quality Control Plan	10d	17-Dec-14 A	14-Jan-15 A		▶ Preparation & Submit Quality C...										
PC-SUB-200	Review & Approval of Quality Control Plan	21d	14-Jan-15 A	17-Feb-15 A		▶ Review & Approval of Quality C...										
PC-SUB-210	Preparation & Submit Safety Plan	5d	17-Dec-14 A	14-Jan-15 A		▶ Preparation & Submit Safety Pl...										
PC-SUB-220	Review & Approval of Safety Plan	21d	14-Jan-15 A	01-Feb-15 A		▶ Review & Approval of Safety Pl...										
PC-SUB-230	Preparation & Submit Environmental Monitoring and Mitigation Plan	3d	17-Dec-14 A	18-Dec-14 A		▶ Preparation & Submit Environme...										
PC-SUB-240	Review & Approval of Environmental Monitoring and Mitigation Plan	21d	08-Mar-15 A	15-Mar-15 A		▶ Review & Approval of Environme...										
PC-SUB-250	Preparation & Submit General Construction Method Statement	10d	20-Dec-14 A	20-Jan-15 A		▶ Preparation & Submit General C...										
PC-SUB-260	Review & Approval of General Construction Method Statement	21d	20-Jan-15 A	17-Feb-15 A		▶ Review & Approval of General C...										
PC-SUB-270	Preparation & Submit Original CPM Construction Schedule	28d	20-Dec-14 A	27-Jan-15 A		▶ Preparation & Submit Original ...										

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2014		2015												
						Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep				
PC-SUB-280	Review & Approval of Original CPM Construction Schedule	21d	27-Jan-15 A	05-Mar-15 A																
PC-SUB-290	Preparation & Submit Construction Risk Management Program	5d	17-Dec-14 A	30-Dec-14 A																
PC-SUB-300	Review & Approval of Construction Risk Management Program	21d	30-Dec-14 A	24-Feb-15 A																
PC-SUB-310	Preparation & Submit Dilapidation Survey	3d	22-Dec-14 A	14-Jan-15 A																
PC-SUB-320	Review & Approval of Dilapidation Survey	21d	14-Jan-15 A	25-Jan-15 A																
PC-SUB-330	Preparation & Submit of Testing Lab C.V	2d	17-Dec-14 A	18-Dec-14 A																
PC-SUB-340	Review & Approval of Testing Lab C.V	21d	18-Dec-14 A	28-Dec-14 A																
PC-SUB-350	Preparation & Submit Insurances (for record)	2d	15-Dec-14 A	16-Dec-14 A																
PC-SUB-360	Review & Approval of Insurances (for record)	21d	16-Dec-14 A	28-Dec-14 A																
PC-SUB-370	Preparation & Submit Lists of Permits and Licenses	2d	17-Dec-14 A	22-Dec-14 A																
PC-SUB-380	Review & Approval of Lists of Permits and Licenses	21d	22-Dec-14 A	30-Dec-14 A																
PC-SUB-390	Preparation & Submit Dumping Site	10d	20-Dec-14 A	14-Jan-15 A																
PC-SUB-400	Review & Approval of Dumping Site	21d	14-Jan-15 A	05-Feb-15 A																
PC-SUB-410	Preparation & Submit Storage Yard	5d	05-Jan-15 A	14-Jan-15 A																
PC-SUB-420	Review & Approval of Storage Yard	21d	14-Jan-15 A	19-Jan-15 A																
PC-SUB-430	Preparation & Submit Trench Safety Plan	5d	17-Dec-14 A	14-Jan-15 A																
PC-SUB-440	Review & Approval of Trench Safety Plan	21d	14-Jan-15 A	01-Feb-15 A																
Traffic Control Plan, Coordination and Permits		30d	16-Dec-14 A	27-Jan-15 A																
PC-SUB-1000	Preparation & Submit Traffic Control Plan for Segment A from Station 0+000 to Sta. 1+056 (Area B)	7d	17-Dec-14 A	18-Jan-15 A																
PC-SUB-1010	Review & Approval of Traffic Control Plan for Segment A from Station 0+000 to Sta. 1+056 (Area B)	21d	18-Jan-15 A	27-Jan-15 A																
PC-SUB-1020	Preparation & Submit Traffic Control Plan for Segment B from Station 0+000 to Sta. 0+983 (Area B)	7d	17-Dec-14 A	18-Jan-15 A																
PC-SUB-1030	Review & Approval of Traffic Control Plan for Segment B from Station 0+000 to Sta. 0+983 (Area B)	21d	18-Jan-15 A	27-Jan-15 A																
PC-SUB-1040	Receive Final for Construction Drawings	1d	17-Dec-14 A	17-Dec-14 A																
PC-SUB-1050	Coordination with Local authorities and obtain required permits for start of construction	10d	16-Dec-14 A	30-Dec-14 A																
Construction Phase		214d	15-Dec-14 A	10-Sep-15	1d															
Construction Submittals		142d	15-Dec-14 A	22-Jun-15	32d															
Shopdrawing submittals		136d	23-Dec-14 A	22-Jun-15	32d															
Water Pipeline Shopdrawing		102d	17-Jan-15 A	03-Jun-15	-15d															
100mm and 50mm Pipes		66d	17-Jan-15 A	30-Mar-15 A																
CS-SH-W-01	Prep. & Sub. Shop drawing for 100 mm pipeline at Segment A	15d	17-Jan-15 A	18-Feb-15 A																
CS-SH-W-02	Review & Approval of Shop drawing for for 100 mm pipeline at Segment A	21d	18-Feb-15 A	05-Mar-15 A																
CS-SH-W-03	Prep. & Sub. Shop drawing for 50 mm pipeline at Segment B	10d	05-Mar-15 A	16-Mar-15 A																
CS-SH-W-04	Review & Approval of Shop drawing for for 50 mm pipeline at Segment B	21d	16-Mar-15 A	30-Mar-15 A																
Chambers Shopdrawing		87d	03-Feb-15 A	03-Jun-15	-15d															
Gate Valve Chambers		27d	03-Feb-15 A	05-Mar-15 A																
CS-SH-W-	Prep. & Sub. Shop drawing for 100mm Isolation Gate Valve Chamber	5d	03-Feb-15 A	15-Feb-15 A																
CS-SH-W-	Review & Approval of Shop drawing for 100mm Isolation Gate Valve Chamber	21d	15-Feb-15 A	05-Mar-15 A																
Connection and Monitoring Chamber		82d	11-Feb-15 A	03-Jun-15	-15d															
CS-SH-W-	Prep. & Sub. Shop drawing for 100mm Qelqes Servise Connection Chamber	5d	11-Feb-15 A	16-Mar-15 A																
CS-SH-W-	Review & Approval of Shop drawing for 100mm Qelqes Servise Connection Chamber	21d	16-Mar-15 A	24-Mar-15 A																
CS-SH-W-	Prep. & Sub. Shop drawing for 100 mm Flow Monitoring Chamber at Station A 0+000	5d	17-Feb-15 A	17-Feb-15 A																
CS-SH-W-	Review & Approval of Shop drawing for 100 mm Flow Monitoring Chamber at Station A 0+000	21d	17-Feb-15 A	05-Mar-15 A																
CS-SH-W-	Prep. & Sub. Shop drawing for 50 mm WWTP Service connection Chamber at Station B 0+005	5d	17-Feb-15 A	23-Mar-15 A																
CS-SH-W-	Review & Approval of Shop drawing for 50 mm WWTP Service connection Chamber at Station B 0+005	21d	23-Mar-15 A	08-Apr-15 A																
CS-SH-W-	Prep. & Sub. Shop drawing for Replacement of existing Chamber at Segment A	5d	18-May-15 A	03-Jun-15	-15d															
AVAR Chambers		32d	03-Feb-15 A	04-Mar-15 A																
CS-SH-W-	Prep. & Sub. Shop drawing for 50mm AVAR chamber on 100mm pipe	5d	03-Feb-15 A	15-Feb-15 A																
CS-SH-W-	Review & Approval of Shop drawing for 50mm AVAR chamber on 1100mm pipe	21d	15-Feb-15 A	04-Mar-15 A																
CS-SH-W-	Prep. & Sub. Shop drawing for 50mm AVAR chamber	5d	11-Feb-15 A	15-Feb-15 A																
CS-SH-W-	Review & Approval of Shop drawing for 50mm AVAR chamber	21d	15-Feb-15 A	04-Mar-15 A																
WO Washout Chambers		27d	03-Feb-15 A	04-Mar-15 A																
CS-SH-W-	Prep. & Sub. Shop drawing for 50mm WO chamber on 100mm pipe	5d	03-Feb-15 A	15-Feb-15 A																
CS-SH-W-	Review & Approval of Shop drawing for 50mm WO chamber on 100mm pipe	21d	15-Feb-15 A	04-Mar-15 A																

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						Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
Road Shopdrawing (Plan, Profile and Cross section)						65d	23-Dec-14 A	16-Apr-15 A	16-Apr-15 A, Road Shopdrawing ...									
Segment A (Plan, Profile and Cross section)						24d	23-Dec-14 A	16-Apr-15 A	16-Apr-15 A, Segment A (Plan, ...									
CS-SH-W-05	Prep. & Sub. Shop drawing for Road Segment A from station 0+000 to station 1+065	4d	23-Dec-14 A	08-Mar-15 A														
CS-SH-W-06	Review & Approval of Shop drawing for Road Segment A from station 0+000 to station 1+065	21d	08-Mar-15 A	16-Apr-15 A														
Segment B (Plan, Profile and Cross section)						60d	31-Dec-14 A	02-Mar-15 A	02-Mar-15 A, Segment B (Plan, ...									
CS-SH-W-07	Prep. & Sub. Shop drawing for Road Segment B from station 0+000 to station 0+500	8d	31-Dec-14 A	11-Feb-15 A														
CS-SH-W-08	Review & Approval of Shop drawing for Road Segment B from station 0+000 to station 0+500	21d	11-Feb-15 A	12-Feb-15 A														
CS-SH-W-09	Prep. & Sub. Shop drawing for Road Segment B from station 0+500 to station 0+983	4d	16-Feb-15 A	22-Feb-15 A														
CS-SH-W-10	Review & Approval of Shop drawing for Road Segment B from station 0+500 to station 0+983	21d	22-Feb-15 A	02-Mar-15 A														
Concrete Wall						93d	17-Jan-15 A	12-May-15 A	12-May-15 A, Concrete Wall									
CS-SH-W-065	Prep. & Sub. Shop drawing for Retaining Wall from station B0+034 to Station B0+100	5d	17-Jan-15 A	12-Feb-15 A														
CS-SH-W-070	Review & Approval of Shop drawing for Retaining Wall from station B0+034 to Station B0+100	21d	12-Feb-15 A	02-Mar-15 A														
CS-SH-W-075	Prep. & Sub. Shop drawing for Retaining Wall from station B0+100 to Station B0+150	5d	22-Jan-15 A	17-Feb-15 A														
CS-SH-W-080	Review & Approval of Shop drawing for Retaining Wall from station B0+100 to Station B0+150	21d	17-Feb-15 A	11-Mar-15 A														
CS-SH-W-085	Prep. & Sub. Shop drawing for Retaining Wall from station B0+150 to Station B0+200	5d	28-Jan-15 A	17-Feb-15 A														
CS-SH-W-090	Review & Approval of Shop drawing for Retaining Wall from station B0+150 to Station B0+200	21d	17-Feb-15 A	11-Mar-15 A														
CS-SH-W-095	Prep. & Sub. Shop drawing for Retaining Wall from station B0+200 to Station B0+250	5d	03-Feb-15 A	04-Mar-15 A														
CS-SH-W-100	Review & Approval of Shop drawing for Retaining Wall from station B0+200 to Station B0+250	21d	04-Mar-15 A	11-Mar-15 A														
CS-SH-W-105	Prep. & Sub. Shop drawing for Retaining Wall from station B0+250 to Station B0+300	5d	11-Feb-15 A	04-Mar-15 A														
CS-SH-W-110	Review & Approval of Shop drawing for Retaining Wall from station B0+250 to Station B0+300	21d	04-Mar-15 A	11-Mar-15 A														
CS-SH-W-115	Prep. & Sub. Shop drawing for Retaining Wall from station B0+300 to Station B0+350	5d	17-Feb-15 A	04-Mar-15 A														
CS-SH-W-120	Review & Approval of Shop drawing for Retaining Wall from station B0+300 to Station B0+350	21d	04-Mar-15 A	08-Mar-15 A														
CS-SH-W-135	Prep. & Sub. Shop drawing for Retaining Wall from station A0+210 to Station A0+260	5d	06-Apr-15 A	14-Apr-15 A														
CS-SH-W-140	Review & Approval of Shop drawing for Retaining Wall from station A0+210 to Station A0+260	21d	14-Apr-15 A	12-May-15 A														
Culvert						103d	05-Mar-15 A	22-Jun-15	32d	22-Jun-15, Culvert								
CS-SH-W-145	Prep. & Sub. Shop drawing for Box Culvert at station B0+020	10d	05-Mar-15 A	18-May-15 A														
CS-SH-W-150	Review & Approval of Shop drawing for Box Culvert at station B0+020	21d	21-May-15 A	15-Jun-15	31d													
CS-SH-W-155	Prep. & Sub. Shop drawing for Pipe Culvert at Station B0+415	5d	23-Apr-15 A	26-May-15 A														
CS-SH-W-160	Review & Approval of Shop drawing for Pipe Culvert at Station B0+415	21d	26-May-15 A	22-Jun-15	26d													
CS-SH-W-165	Prep. & Sub. Shop drawing for Pipe Culvert at Station B0+970	5d	23-Apr-15 A	26-May-15 A														
CS-SH-W-170	Review & Approval of Shop drawing for for Pipe Culvert at Station B0+970	21d	26-May-15 A	22-Jun-15	26d													
Sewer Line						132d	09-Mar-15 A	11-Jun-15	2d	11-Jun-15, Sewer Line								
CS-SH-W-125	Prep. & Sub. Shop drawing for Sewer Pipe line from station 0+000 to Station 0+560	10d	09-Mar-15 A	19-May-15 A														
CS-SH-W-130	Review & Approval of Shop drawing for Sewer Pipe line from station 0+000 to Station 0+560	21d	19-May-15 A	11-Jun-15	1d													
Material Submittals						131d	15-Dec-14 A	11-May-15 A		11-May-15 A, Material Submitta...								
Mechanical Material Submittals						72d	15-Dec-14 A	08-Apr-15 A		08-Apr-15 A, Mechanical Materi...								
MMS-SUB-1000	Prep. & Sub. Dismantling joints	5d	15-Dec-14 A	18-Dec-14 A														
MMS-SUB-1010	Review & Approval of Dismantling joints	21d	18-Dec-14 A	28-Dec-14 A														
MMS-SUB-1020	Prep. & Sub. Flanges	5d	30-Dec-14 A	18-Jan-15 A														
MMS-SUB-1030	Review & Approval of Flanges	21d	18-Jan-15 A	01-Feb-15 A														
MMS-SUB-1040	Prep. & Sub. Pressure Gauge, ball valve, and snubber	5d	12-Jan-15 A	25-Jan-15 A														
MMS-SUB-1050	Review & Approval of Pressure Gauge, ball valve, and snubber	21d	18-Jan-15 A	20-Jan-15 A														
MMS-SUB-1060	Prep. & Sub. Heat Shrinkable for Steel Pipes	5d	17-Dec-14 A	15-Feb-15 A														
MMS-SUB-1070	Review & Approval of Heat Shrinkable for Steel Pipes	21d	15-Feb-15 A	04-Mar-15 A														
MMS-SUB-1080	Prep. & Sub. Sewer Pipe	18d	29-Jan-15 A	09-Mar-15 A														
MMS-SUB-1090	Review & Approval of Sewer Pipe	21d	09-Mar-15 A	18-Mar-15 A														
MMS-SUB-1100	Prep. & Sub. Combination Air Valve	5d	17-Dec-14 A	25-Jan-15 A														
MMS-SUB-1110	Review & Approval of Combination Air Valve	21d	25-Jan-15 A	28-Jan-15 A														
MMS-SUB-1120	Prep. & Sub. Flow Control Valve	5d	17-Dec-14 A	24-Mar-15 A														
MMS-SUB-1130	Review & Approval of Flow Control Valve	21d	24-Mar-15 A	08-Apr-15 A														
MMS-SUB-1140	Prep. & Sub. Pressure Relief Valve	5d	18-Dec-14 A	01-Feb-15 A														
MMS-SUB-1150	Review & Approval of Pressure Relief Valve	21d	01-Feb-15 A	04-Feb-15 A														
MMS-SUB-1160	Prep. & Sub. Strainer	5d	23-Dec-14 A	30-Dec-14 A														
MMS-SUB-1170	Review & Approval of Strainer	21d	30-Dec-14 A	30-Dec-14 A														

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						Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep									
MMS-SUB-1180	Prep. & Sub. 100mm, 50mm Pipes	5d	27-Dec-14 A	15-Jan-15 A																					
MMS-SUB-1190	Review & Approval of 100mm, 50mm Pipes	21d	15-Jan-15 A	19-Jan-15 A																					
MMS-SUB-1200	Prep. & Sub. Gate Valve	5d	17-Dec-14 A	26-Jan-15 A																					
MMS-SUB-1210	Review & Approval of Gate Valve	21d	26-Jan-15 A	28-Jan-15 A																					
MMS-SUB-1220	Prep. & Sub. Pressure Reducing Valve	5d	17-Dec-14 A	01-Feb-15 A																					
MMS-SUB-1230	Review & Approval of Pressure Reducing Valve	21d	01-Feb-15 A	05-Mar-15 A																					
Civil Material Submittals		131d	15-Dec-14 A	11-May-15 A																					
CMS-SUB-1000	Prep. & Sub. Bedding Material	5d	17-Dec-14 A	27-Jan-15 A																					
CMS-SUB-1010	Review & Approval of Bedding Material	21d	27-Jan-15 A	29-Jan-15 A																					
CMS-SUB-1020	Prep. & Sub. Single Size Backfilling Material	5d	18-Dec-14 A	27-Jan-15 A																					
CMS-SUB-1030	Review & Approval of Single Size Backfilling Material	21d	24-Dec-14 A	29-Jan-15 A																					
CMS-SUB-1040	Prep. & Sub. Base Course	5d	21-Dec-14 A	02-Feb-15 A																					
CMS-SUB-1050	Review & Approval of Base Course	21d	02-Feb-15 A	03-Feb-15 A																					
CMS-SUB-1060	Prep. & Sub. Curbstone	3d	17-Feb-15 A	24-Feb-15 A																					
CMS-SUB-1070	Review & Approval of Curbstone	21d	24-Feb-15 A	24-Feb-15 A																					
CMS-SUB-1080	Prep. & Sub. Guard rail	3d	09-Mar-15 A	09-Mar-15 A																					
CMS-SUB-1090	Review & Approval of Guard rail	21d	09-Mar-15 A	06-Apr-15 A																					
CMS-SUB-1100	Prep. & Sub. Traffic Signs	3d	06-Apr-15 A	13-Apr-15 A																					
CMS-SUB-1110	Review & Approval of Traffic Signs	21d	13-Apr-15 A	16-Apr-15 A																					
CMS-SUB-1120	Prep. & Sub. Road Marking Paint	3d	10-Mar-15 A	12-Mar-15 A																					
CMS-SUB-1130	Review & Approval of Road Marking Paint	21d	12-Mar-15 A	17-Mar-15 A																					
CMS-SUB-1140	Prep. & Sub. Concrete Mix Design	28d	13-Jan-15 A	02-Mar-15 A																					
CMS-SUB-1150	Review & Approval of Concrete Mix Design	21d	02-Mar-15 A	17-Mar-15 A																					
CMS-SUB-1160	Prep. & Sub. Steel Reinforcement	4d	15-Dec-14 A	18-Dec-14 A																					
CMS-SUB-1170	Review & Approval of Steel Reinforcement	21d	18-Dec-14 A	12-Jan-15 A																					
CMS-SUB-1180	Prep. & Sub. Bituminous Cold Material	2d	05-Jan-15 A	25-Jan-15 A																					
CMS-SUB-1190	Review & Approval of Bituminous Cold Material	21d	25-Jan-15 A	01-Feb-15 A																					
CMS-SUB-1200	Prep. & Sub. Manhole covers and frames	4d	17-Dec-14 A	30-Dec-14 A																					
CMS-SUB-1210	Review & Approval of Manhole covers and frames	21d	30-Dec-14 A	04-Jan-15 A																					
CMS-SUB-1220	Prep. & Sub. Pipe's supports	4d	19-Apr-15 A	26-Apr-15 A																					
CMS-SUB-1230	Review & Approval of Pipe's supports	21d	26-Apr-15 A	11-May-15 A																					
CMS-SUB-1240	Prep. & Sub. Manhole Rungs	2d	22-Dec-14 A	18-Feb-15 A																					
CMS-SUB-1250	Review & Approval of Manhole Rungs	21d	18-Feb-15 A	04-Mar-15 A																					
CMS-SUB-1260	Prep. & Sub. Asphalt Mix Design	7d	13-Jan-15 A	18-Feb-15 A																					
CMS-SUB-1270	Review & Approval of Asphalt Mix Design	21d	18-Feb-15 A	16-Mar-15 A																					
CMS-SUB-1280	Prep. & Sub. Prime Coat and Tack Coat	3d	02-Mar-15 A	04-Mar-15 A																					
CMS-SUB-1290	Review & Approval of Prime Coat and Tack Coat	21d	04-Mar-15 A	25-Mar-15 A																					
Electrical Material Submittals		38d	17-Dec-14 A	17-Feb-15 A																					
EMS-SUB-1000	Prep. & Sub. Pressure differential switches	5d	17-Dec-14 A	18-Jan-15 A																					
EMS-SUB-1010	Review & Approval of Pressure differential switches	21d	18-Jan-15 A	28-Jan-15 A																					
EMS-SUB-1020	Prep. & Sub. Pressure Transmitters	5d	30-Dec-14 A	18-Jan-15 A																					
EMS-SUB-1030	Review & Approval of Pressure Transmitters	21d	18-Jan-15 A	17-Feb-15 A																					
EMS-SUB-1040	Prep. & Sub. Magnetic flow-meters	5d	17-Dec-14 A	18-Dec-14 A																					
EMS-SUB-1050	Review & Approval of Magnetic flow-meters	21d	18-Dec-14 A	26-Jan-15 A																					
Method Statement		61d	08-Feb-15 A	15-Jun-15	3d																				
MS-SUB-1000	Prep. & Sub. Pipeline installation method statement	3d	08-Feb-15 A	10-Feb-15 A																					
MS-SUB-1010	Review & Approval of Pipeline installation method statement	21d	12-Feb-15 A	17-Feb-15 A																					
MS-SUB-1020	Prep. & Sub. Sewer Pipe installation method statement	11d	02-May-15 A	13-May-15 A																					
MS-SUB-1030	Review & Approval of Sewer Pipe installation method statement	21d	13-May-15 A	15-Jun-15	3d																				
Miscellaneous		76d	05-Jan-15 A	18-Mar-15 A																					
MIS-SUB-1000	Prep. & Sub. Welding Procedure	4d	05-Jan-15 A	26-Jan-15 A																					
MIS-SUB-1010	Review & Approval of Welding Procedure	21d	26-Jan-15 A	09-Mar-15 A																					
MIS-SUB-1020	Prep. & Sub. Identification Tape	5d	05-Jan-15 A	26-Jan-15 A																					
MIS-SUB-1030	Review & Approval of Identification Tape	21d	26-Jan-15 A	17-Feb-15 A																					



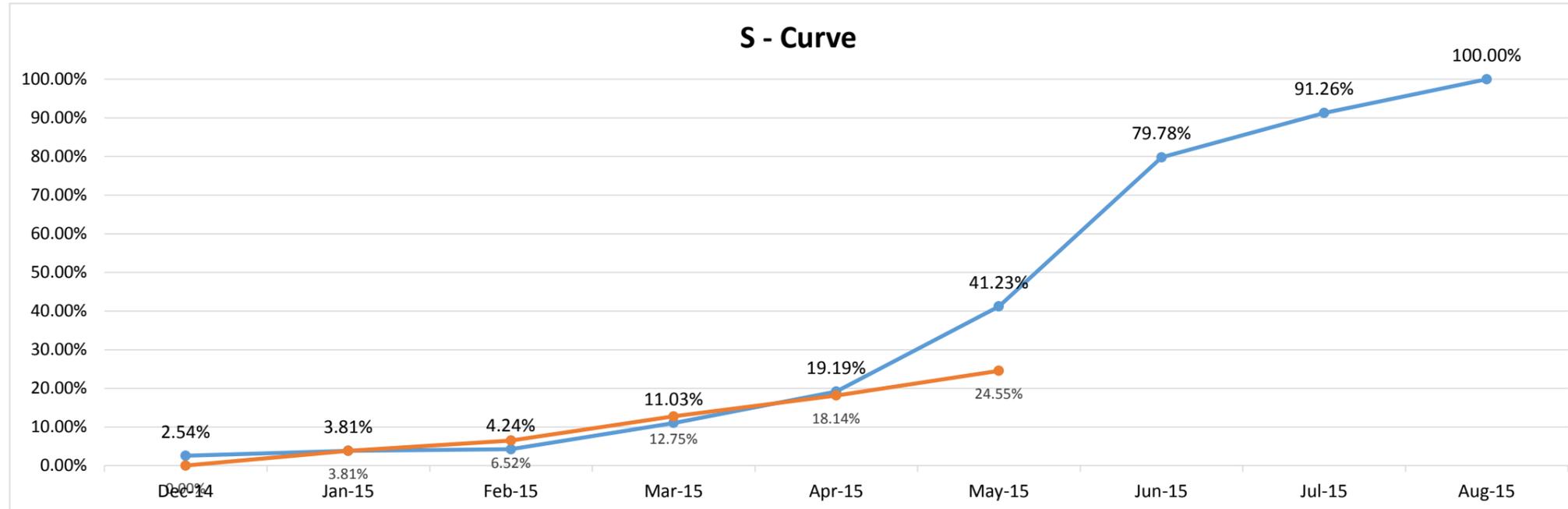
Annex M:

Progress S-Curve versus Actual



Progress S-Curve

Date		Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15
Planned Value		\$ 62,189.33	\$ 31,094.67	\$ 10,644.75	\$ 166,260.04	\$ 199,802.41	\$ 539,710.68	\$ 943,843.46	\$ 281,252.59	\$ 213,907.07
Planned Value (Accumulative)		\$ 62,189.33	\$ 93,284.00	\$ 103,928.75	\$ 270,188.79	\$ 469,991.20	\$ 1,009,701.88	\$ 1,953,545.34	\$ 2,234,797.93	\$ 2,448,705.00
Planned %		2.54%	1.27%	0.43%	6.79%	8.16%	22.04%	38.54%	11.49%	8.74%
Planned % (Accumulative)		2.54%	3.81%	4.24%	11.03%	19.19%	41.23%	79.78%	91.26%	100.00%
Actual Value		\$ -	\$ 93,284.00	\$ 66,260.04	\$ 152,665.85	\$ 132,078.86	\$ 156,857.15			
Actual Value (Accumulative)		\$ -	\$ 93,284.00	\$ 159,544.04	\$ 312,209.89	\$ 444,288.75	\$601,145.90			
Actual %		0.00%	3.81%	2.71%	6.23%	5.39%	6.41%	0.00%	0.00%	0.00%
Actual % (Accumulative)		0.00%	3.81%	6.52%	12.75%	18.14%	24.55%			



Task Order Total Amount	\$ 2,598,705.00
Daywork amount	\$ 150,000.00
BOQ items amount	\$ 2,448,705.00
Project Duration :	240.00
NTP Date:	15-Dec-14



Annex N:

Approved Original CPM Schedule and Narrative Report



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

**LOCAL CONSTRUCTION PROGRAM
(LCP)**

CMC: BLACK & VEATCH

Original CPM Schedule Submittal

Prepared by:



**Contract No: AID-294-I-13-00002
Task Order No: AID-294-TO-15-000001**

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.

1.2. Project Objective

The objective of this Task Order is to provide access to the proposed Hebron Regional Waste Water Treatment Plant (WWTP) located to the south of Hebron City. The access road is a key element of this important project which will yield substantial environmental, health, and resource benefits to the people of Hebron.

1.3. Statement Of Work

The Statement of Work (SOW) is as defined in the attachments provided in Section J of this document. The following is a summary description of the project:

- Construction of an approximately 1.0 km two lane access road to the proposed Hebron WWTP including the following features:
 - ✓ Asphalted sidewalks/shoulders
 - ✓ Box culverts
 - ✓ Retaining structures
 - ✓ Roadway marking signs and other road furnishings needed to satisfactorily complete the works.
- Rehabilitation of approximately 1.1 km of existing paved road including the following features:
 - ✓ Widening of the existing road
 - ✓ Asphalting – Milling & Overlay
- Construction of water and sewer utilities as follows:
 - ✓ 2.0 km of 4 inch and 2 inch diameter water pipelines complete with associated valves, vaults, and accessories.
 - ✓ Construction of approximately 600 m of 60 inch diameter sewer pipe with manholes, outlet structures, and flow diversions.

1.4. Overview Map



Figure 1: Hebron WWTP Access Road

2. Task Order Key Data

Task Order Name	Hebron WWTP Access Road
Contract Number	AID-294-I-13-00002
Task Order Number	AID-294-TO-15-000001
Client	USAID West Bank and Gaza
Contractor	Saqqa and Khoudary Co. Ltd. (SAK)
CMC	Black and Veatch (BV)
Task Order Contract Value	\$2,598,705.00
Project Total Amount	\$2,448,705.00
Day work amount	\$150,000.00
Modified Project Total Amount	---
Modified Day work Amount	---
Notice To Proceed	December 15, 2014
Period Of Performance	240 calendar day
Contractual Completion Date	August 11, 2015
Approved Time Extensions	---
Modified Completion Date	---
Start of Construction (Ground Breaking)	---

3. Contract Milestones:

The contractual milestones are:

Start Milestone - Notice to Proceed: December 15, 2014

Finish Milestone - Project Completion: August 11, 2015

4. Permits

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

- ✓ Hebron Municipality Construction Permits.

5. Project Construction Area

- The project construction area within Areas B. Therefore; coordination needed with the District Civil Liaison Office (DCL), Civil Administration Departments, Ma'atz (Israeli National Roads Company), the Israeli Police is not required, however; SAK will coordinate with any other relevant authority or utility that has jurisdiction over any portion of the construction works. 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.

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 '**Hebron WWTP Access Road**' under this Task Order is 240 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 28 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 28 days after issuance of NTP, and prior to commencement of any construction activity.
Preparation & Submit Original CPM Construction Schedule	Due no later than 28 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.

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 sewer pipes, 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 Three project component
 - Construction of an approximately 1.0 km two lane access road to the proposed Hebron WWTP including the following features:
 - ✓ Asphalted sidewalks/shoulders
 - ✓ Box culverts
 - ✓ Retaining structures
 - ✓ Roadway marking signs and other road furnishings needed to satisfactorily complete the works.
 - Rehabilitation of approximately 1.1 km of existing paved road including the following features:
 - ✓ Widening of the existing road
 - ✓ Asphaltting – Milling & Overlay
 - Construction of water and sewer utilities as follows:
 - ✓ 2.0 km of 4 inch and 2 inch diameter water pipelines complete with associated valves, vaults, and accessories.

- ✓ Construction of approximately 600 m of 60 inch diameter sewer pipe with manholes, outlet structures, and flow diversions.
- 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-15-01-HAR-BL	BL - TO-15-01-HAR- Hebron WWTP Access Road
TO-15-01-HAR-BL.1	Milestones
TO-15-01-HAR-BL.1.1	General Milestones
TO-15-01-HAR-BL.1.2	Intermediate Milestones
TO-15-01-HAR-BL.2	PreConstruction Phase
TO-15-01-HAR-BL.2.MOB	Mobilization
TO-15-01-HAR-BL.2.2	PreConstruction Submittals
TO-15-01-HAR-BL.2.1	Traffic Control Plan, Coordination and Permits
TO-15-01-HAR-BL.3	Construction Phase
TO-15-01-HAR-BL.3.1	Construction Submittals
TO-15-01-HAR-BL.3.1.1	Shopdrawing submittals
TO-15-01-HAR-BL.3.1.1.1	Water Pipeline Shopdrawing
TO-15-01-HAR-BL.3.1.1.1.1	100mm and 50mm Pipes
TO-15-01-HAR-BL.3.1.1.1.2	Chambers Shopdrawing
TO-15-01-HAR-BL.3.1.1.1.2.1	Gate Valve Chambers
TO-15-01-HAR-BL.3.1.1.1.2.4	Connection and Monitoring Chamber
TO-15-01-HAR-BL.3.1.1.1.2.2	AVAR Chambers
TO-15-01-HAR-BL.3.1.1.1.2.3	WO Washout Chambers
TO-15-01-HAR-BL.3.1.1.5	Road Shopdrawing (Plan, Profile and Cross section)
TO-15-01-HAR-BL.3.1.1.5.1	Segment A (Plan, Profile and Cross section)
TO-15-01-HAR-BL.3.1.1.5.2	Segment B (Plan, Profile and Cross section)
TO-15-01-HAR-BL.3.1.1.3	Concrete Wall
TO-15-01-HAR-BL.3.1.1.4	Culvert
TO-15-01-HAR-BL.3.1.1.2	Sewer Line
TO-15-01-HAR-BL.3.1.2	Material Submittals
TO-15-01-HAR-BL.3.1.2.1	Mechanical Material Submittals
TO-15-01-HAR-BL.3.1.2.2	Civil Material Submittals
TO-15-01-HAR-BL.3.1.2.3	Electrical Material Submittals
TO-15-01-HAR-BL.3.1.3	Method Statement
TO-15-01-HAR-BL.3.1.4	Miscellaneous
TO-15-01-HAR-BL.3.5	Procurement
TO-15-01-HAR-BL.3.2	Execution
TO-15-01-HAR-BL.3.2.1	Road Segment A
TO-15-01-HAR-BL.3.2.1.4	Road Segment A - Left Hand Side
TO-15-01-HAR-BL.3.2.1.4.2	Installation of 100mm Pipe and chambers
TO-15-01-HAR-BL.3.2.1.4.1	Widening of left hand side of existing Road
TO-15-01-HAR-BL.3.2.1.1	Road Segment A - Right Hand Side
TO-15-01-HAR-BL.3.2.1.1.1	Widening of Right hand side of existing Road
TO-15-01-HAR-BL.3.2.1.1.2	Concrete Work
TO-15-01-HAR-BL.3.2.1.3	Asphalting – Milling & Overlay
TO-15-01-HAR-BL.3.2.2	Road Segment B
TO-15-01-HAR-BL.3.2.2.1	Road Seg. B from Station 0+000 to Station 0+350
TO-15-01-HAR-BL.3.2.2.1.2	Installation of 50mm Pipe and chambers
TO-15-01-HAR-BL.3.2.2.1.1	Concrete Work
TO-15-01-HAR-BL.3.2.2.1.3	Box Culvert at Station 0+020
TO-15-01-HAR-BL.3.2.2.4	Road Seg. B from Station 0+350 to Station 0+983
TO-15-01-HAR-BL.3.2.2.4.2	Installation of 50mm Pipe
TO-15-01-HAR-BL.3.2.2.4.3	Pipe Culvert
TO-15-01-HAR-BL.3.2.2.3	Sewer Trunk Line
TO-15-01-HAR-BL.3.2.2.3.1	Installation of Sewer trunk line from Station 0+000 to Station 0+140
TO-15-01-HAR-BL.3.2.2.3.2	Installation of Sewer trunk line from Station 0+140 to Station 0+280
TO-15-01-HAR-BL.3.2.2.3.3	Installation of Sewer trunk line from Station 0+280 to Station 0+420
TO-15-01-HAR-BL.3.2.2.3.4	Installation of Sewer trunk line from Station 0+420 to Station 0+560
TO-15-01-HAR-BL.3.2.2.2	Asphalting
TO-15-01-HAR-BL.3.2.5	Mechanical and Electrical Installation and Testing for Seg. A and B
TO-15-01-HAR-BL.4	Post Construction Phase
TO-15-01-HAR-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 4 groups (multiple crews) and two segments:

Group 1: Pipelines

- Crews will install the pipelines (excavation and backfilling).
- Crews will install the pipes.
- Crew will install the chambers: 3-4 chambers per month
- Crew will rehabilitate the sites.

Group 2: Sewer Pipes (Concrete Pipes) –Productivity of: 25 – 30 m per day

- Crews will install the pipelines (excavation and backfilling).
- Crews will install the pipes.
- Crew will install the chambers.
- Crew will rehabilitate the sites.

Group 3: Concrete work.

- Crew will be responsible for Retaining Walls, with productivity rate of: 3-5 linear meters per day.
- Crew will be responsible for Box Culvert, estimated duration to complete this box culvert is 70 working days.
- Crew will be responsible for Sidewalk construction with productivity rate of: 10-20 linear meter per day.
- Crew will be responsible for embankment protection.
- Crew will be responsible for Stone Wall construction.

Group 4: Road Work

- Crew will be responsible for construction of road including excavation, Subgrade, base course, asphalt, with productivity rate as indicated below.
- Crew will be responsible for road furniture including traffic sign, road marking, and guardrail. With productivity rate as follows:
 - Guardrail: 50 – 70 m per day
 - Road Marking.

Group 5: Instrumentations and SCADA

- ✓ Crew for Pipe lines excavation, Bedding Installation and Backfilling including required testing during installation, productivity rate: 60-100 linear meters per day for 2” and 4” pipes
- ✓ Road work crew:
This crew will be responsible of all road 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.
 - Excavation crew : 150-300 cubic meters per day
 - Sub Base/ Subgrade crew: 800 – 1000 m2 per day
 - Base course crew: 800 – 1000 m2 per day
 - Asphalt Crew: 2000 – 2200 m2 of asphalt per day
 - Asphalt Milling Crew: 2000-3000 m2 per day.
 - Curbstone : 100-150 m per day
 - Pipe culvert: 3-4 m per day

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

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 general sequence of work will be as follow:

A. Segment A:

1. Install of 4" steel pipes includes the road reinstatement.
2. Widening the road from the left side.
3. Widening the road from the right side.
4. Milling and overlay include all wide of road.
5. Sidewalk
6. Stone works
7. Road marking, Traffic signs and guardrails.

B. Segment B:

A. STA: 0+000 to STA: 0+350:

- a. Cut/Fill.
- b. Construct of retaining walls.
- c. Construct of Pipe culvert.
- d. Install of 2" pipelines.
- e. Subgrade level.
- f. Base course works.
- g. Asphalt works.
- h. Road marking, Traffic signs and guardrails.

B. STA: 0+350 to STA: 0+983:

- a. Cut/Fill.
- b. Install of 2" pipelines.
- c. Pipe culverts
- d. Subgrade level.
- e. Base course works.
- f. Asphalt works.
- g. Road marking, Traffic signs and guardrails.

C. Sewer Pipes (Concrete Pipes)

1. Install of concrete pipes (Φ 60").
2. Install of 14 chambers.

13. Critical Path activities

Critical Activities.....	22
Activity: A-1	Notice to Proceed (NTP)
Activity: A-2	Project Completion
Activity: A1060	Inspection and Handover - Final Acceptance Certificate
Activity: CMS-SUB-1140	Prep. & Sub. Concrete Mix Design
Activity: CMS-SUB-1150	Review & Approval of Concrete Mix Design
Activity: E-A-145	Asphalt Binder Course layer for road segment B
Activity: E-A-155	Road Guard rail, Traffic Signs and Marking
Activity: E-B-112	Subgrade preparation for road segment from station B0+000 to Station B0+350
Activity: E-B-115	Base course layer (20 cm) from station B0+000 to Station B0+350
Activity: E-B-135	Construction of Reinforced Concrete Wall from Station B0+034 to Station B0+100 H=2.0m Max
Activity: E-B-179	Base course layer (20 cm) from station B0+350 to Station B0+983
Activity: E-B-189	Construction of Reinforced Concrete Wall from Station B0+100 to Station B0+150 H=2.0m Max
Activity: E-B-194	Construction of Reinforced Concrete Wall from Station B0+150 to Station B0+200 H=2.0m Max
Activity: E-B-199	Construction of Reinforced Concrete Wall from Station B0+200 to Station B0+250 H=2.0m Max
Activity: E-B-204	Construction of Reinforced Concrete Wall from Station B0+250 to Station B0+300 H=2.0m Max
Activity: E-B-209	Construction of Reinforced Concrete Wall from Station B0+300 to Station B0+350 H=2.0m Max
Activity: E-B-219	Road Embankment / Fill to specified level from station B0+000 to Station B0+350
Activity: IA-02	Finish of Mobilization
Activity: IA-04	Finish of Pre-Construction Submittals
Activity: IA-10	Finish of Construction at Segment B
Activity: MOB1030	Supply and install Field Office Computer Systems and IT Equipment
Activity: PC-SUB-180	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	December 15, 2014
Finish Milestone - Project Completion:	August 11, 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 28 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 28 days after issuance of NTP, and prior to commencement of any construction activity.
Preparation & Submit Original CPM Construction Schedule	Due no later than 28 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
 CS-SH: Construction Shop drawing Submittals
 MMS: Mechanical Material Submittals
 CMS: Civil Material Submittals
 EMS: Electrical Material Submittals
 MS: Method Statement submittals
 MIS: Miscellaneous
 PRO: Procurement
 E: Execution activities
 A: Segment A
 B: Segment B
 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.
- HAR - 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.
- HAR - 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 HAR - 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 December 2014: December 15 and 16, 2014.
- ✓ Five days during January 2015: January 3, 4, 7, 8, and 10, 2015.
- ✓ Four days during February 2015: February 5, 7, 19, 21, 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

14.7. Scheduling Statistics:

# Activities.....	288
# Not Started.....	288
# In Progress.....	0
# Completed.....	0
# Relationships.....	603
# Activities with Constraint.....	11
Activity: A-1	Notice to Proceed (NTP)
Activity: A-2	Project Completion
Activity: IA-02	Finish of Mobilization
Activity: IA-04	Finish of Pre-Construction Submittals
Activity: PC-SUB-030	Preparation & Submit Scheduling Qualification Submittal
Activity: PC-SUB-050	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)
Activity: PC-SUB-190	Preparation & Submit Quality Control Plan
Activity: PC-SUB-210	Preparation & Submit Safety Plan
Activity: PC-SUB-230	Preparation & Submit Environmental Monitoring and Mitigation Plan
Activity: PC-SUB-270	Preparation & Submit Original CPM Construction Schedule
Activity: PC-SUB-280	Review & Approval of Original CPM Construction Schedule

Graphical Report for:
Critical Path Activities

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Budgeted Total Cost	2015												2016	
							Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
BL - TO-15-01-HAR- Hebron WWTP Access Road							11-Aug-15, BL - TO-15-01-HAR-													
Milestones							11-Aug-15, Milestones													
General Milestones							11-Aug-15, General Milestones													
A-1	Notice to Proceed (NTP)	0d	15-Dec-14*		0d	\$0.00	◆ Notice to Proceed (NTP)													
A-2	Project Completion	0d		11-Aug-15*	0d	\$0.00	◆ Project Completion													
Intermediate Milestones							10-Aug-15, Intermediate Milestones													
IA-02	Finish of Mobilization	0d	15-Jan-15*		0d	\$0.00	◆ Finish of Mobilization													
IA-04	Finish of Pre-Construction Submittals	0d	26-Mar-15*		0d	\$0.00	◆ Finish of Pre-Construction Sub...													
IA-10	Finish of Construction at Segment B	0d	10-Aug-15		0d	\$0.00	◆ Finish of Construction at Segm...													
PreConstruction Phase							14-Jan-15, PreConstruction Phase													
Mobilization							14-Jan-15, Mobilization													
MOB1030	Supply and install Field Office Computer Systems and IT Equipments	2d	13-Jan-15	14-Jan-15	0d	\$0.00	Supply and install Field Offic...													
PreConstruction Submittals							12-Jan-15, PreConstruction Submittals													
PC-SUB-180	Review & Approval of Field Office Computer Systems and Miscellaneous	15d	21-Dec-14	12-Jan-15	0d	\$0.00	Review & Approval of Field Off...													
Construction Phase							10-Aug-15, Construction Phase													
Construction Submittals							17-Mar-15, Construction Submittals													
Material Submittals							17-Mar-15, Material Submittals													
Civil Material Submittals							17-Mar-15, Civil Material Submittals													
CMS-SUB-1140	Prep. & Sub. Concrete Mix Design	28d	13-Jan-15	16-Feb-15	0d	\$0.00	Prep. & Sub. Concrete Mix Desi...													
CMS-SUB-1150	Review & Approval of Concrete Mix Design	21d	17-Feb-15	17-Mar-15	0d	\$0.00	Review & Approval of Concrete ...													
Execution							10-Aug-15, Execution													
Road Segment B							10-Aug-15, Road Segment B													
Road Seg. B from Station 0+000 to Station 0+350							27-Jul-15, Road Seg. B from St...													
E-B-112	Subgrade preparation for road segment from station B0+000 to Station B0+350	5d	05-Jul-15	14-Jul-15	0d	\$0.00	Subgrade preparation for road ...													
E-B-115	Basecourse layer (20 cm) from station B0+000 to Station B0+350	7d	14-Jul-15	27-Jul-15	0d	\$12,750.00	Basecourse layer (20 cm) from ...													
E-B-219	Road Embankment / Fill to specified level from station B0+000 to Station B0+350	20d	06-Jun-15	05-Jul-15	0d	\$43,725.00	Road Embankment / Fill to spec...													
Concrete Work							29-Jun-15, Concrete Work													
E-B-135	Construction of Reinforced Concrete Wall from Station B0+034 to Station B0+100 H=2.0m Max	17d	18-Mar-15	06-Apr-15	0d	\$49,895.00	Construction of Reinforced Con...													
E-B-189	Construction of Reinforced Concrete Wall from Station B0+100 to Station B0+150 H=2.0m Max	13d	07-Apr-15	22-Apr-15	0d	\$39,995.00	Construction of Reinforced Con...													
E-B-194	Construction of Reinforced Concrete Wall from Station B0+150 to Station B0+200 H=2.0m Max	13d	25-Apr-15	10-May-15	0d	\$39,995.00	Construction of Reinforced Con...													
E-B-199	Construction of Reinforced Concrete Wall from Station B0+200 to Station B0+250 H=2.0m Max	13d	11-May-15	25-May-15	0d	\$39,995.00	Construction of Reinforced Con...													
E-B-204	Construction of Reinforced Concrete Wall from Station B0+250 to Station B0+300 H=2.0m Max	13d	26-May-15	09-Jun-15	0d	\$39,995.00	Construction of Reinforced Con...													
E-B-209	Construction of Reinforced Concrete Wall from Station B0+300 to Station B0+350 H=2.0m Max	13d	10-Jun-15	29-Jun-15	0d	\$39,995.00	Construction of Reinforced Con...													
Road Seg. B from Station 0+350 to Station 0+983							30-Jul-15, Road Seg. B from St...													
E-B-179	Basecourse layer (20 cm) from station B0+350 to Station B0+983	10d	14-Jul-15	30-Jul-15	0d	\$31,008.00	Basecourse layer (20 cm) from ...													
Asphalting							10-Aug-15, Asphalting													
E-A-145	Asphalt Binder Course layer for road segment B	5d	30-Jul-15	05-Aug-15	0d	\$148,260.00	Asphalt Binder Course layer fo...													
E-A-155	Road Guard rail, Traffic Signs and Marking	4d	05-Aug-15	10-Aug-15	0d	\$59,580.00	Road Guard rail, Traffic Signs...													
Post Construction Phase							11-Aug-15, Post Construction P...													
Post Construction Submittals							11-Aug-15, Post Construction S...													
POST-CS1010	Inspection and Handover - Final Acceptance Certificate	1d	11-Aug-15	11-Aug-15	0d	\$0.00	Inspection and Handover - Fina...													

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

Report for:
Activities sorted by Early Start and Total Float

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Budgeted Total Cost	2015												2016	
							Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
BL - TO-15-01-HAR- Hebron WWTP Access Road							11-Aug-15, BL - TO-15-01-HAR-													
Milestones							11-Aug-15, Milestones													
General Milestones							11-Aug-15, General Milestones													
A-1	Notice to Proceed (NTP)	0d	15-Dec-14*		0d	\$0.00	Notice to Proceed (NTP)													
A-2	Project Completion	0d		11-Aug-15*	0d	\$0.00	Project Completion													
Intermediate Milestones							11-Aug-15, Intermediate Milestones													
IA-01	Start of Mobilization	0d	15-Dec-14		9d	\$0.00	Start of Mobilization													
IA-02	Finish of Mobilization	0d		15-Jan-15*	0d	\$0.00	Finish of Mobilization													
IA-03	Start of Pre-Construction Submittals	0d	15-Dec-14		2d	\$0.00	Start of Pre-Construction Submittals													
IA-04	Finish of Pre-Construction Submittals	0d		26-Mar-15*	0d	\$0.00	Finish of Pre-Construction Submittals													
IA-05	Start of Construction Submittals	0d	15-Dec-14		6d	\$0.00	Start of Construction Submittals													
IA-06	Finish of Construction Submittals	0d		08-Apr-15	125d	\$0.00	Finish of Construction Submittals													
IA-07	Start of Construction at Segment A	0d	15-Mar-15		31d	\$0.00	Start of Construction at Segment A													
IA-08	Finish of Construction at Segment A	0d		29-Jul-15	13d	\$0.00	Finish of Construction at Segment A													
IA-09	Start of Construction at Segment B	0d	16-Feb-15		36d	\$0.00	Start of Construction at Segment B													
IA-10	Finish of Construction at Segment B	0d		10-Aug-15	0d	\$0.00	Finish of Construction at Segment B													
IA-20	Project Duration	178d	17-Dec-14	11-Aug-15	0d	\$0.00	Project Duration													
PreConstruction Phase							26-Feb-15, PreConstruction Phase													
Mobilization							14-Jan-15, Mobilization													
MOB1000	Pre-Construction Dilapidation Survey	2d	20-Dec-14	21-Dec-14	14d	\$0.00	Pre-Construction Dilapidation Survey													
MOB1010	Provide, furnish and erect Temporary Project Signs	2d	06-Jan-15	11-Jan-15	3d	\$0.00	Provide, furnish and erect Temporary Project Signs													
MOB1020	Supply and furnish Field Office Furniture and Miscellaneous	2d	11-Jan-15	13-Jan-15	0d	\$0.00	Supply and furnish Field Office Furniture and Miscellaneous													
MOB1030	Supply and install Field Office Computer Systems and IT Equipments	2d	13-Jan-15	14-Jan-15	0d	\$0.00	Supply and install Field Office Computer Systems and IT Equipments													
MOB1040	Arrange for and erect Contractor's work and Storage Yards	9d	17-Dec-14	28-Dec-14	6d	\$0.00	Arrange for and erect Contractor's work and Storage Yards													
MOB1050	Moving onto the Sites of all Plant and equipments	3d	29-Dec-14	31-Dec-14	6d	\$0.00	Moving onto the Sites of all Plant and equipments													
MOB1060	Post OSHA-required notices and establish safety programs	2d	29-Dec-14	30-Dec-14	7d	\$0.00	Post OSHA-required notices and establish safety programs													
MOB1070	Installation of Temporary Facilities as per section 01500	5d	17-Dec-14	22-Dec-14	13d	\$0.00	Installation of Temporary Facilities as per section 01500													
MOB1080	Survey Work	5d	22-Dec-14	28-Dec-14	17d	\$0.00	Survey Work													
MOB1090	Mobilization Summary	18d	17-Dec-14	14-Jan-15	0d	\$93,284.00	Mobilization Summary													
PreConstruction Submittals							26-Feb-15, PreConstruction Submittals													
PC-SUB-010	Preparation & Submit Copy of Bank Guarantee Certificates (for record)	1d	17-Dec-14	17-Dec-14	49d	\$0.00	Preparation & Submit Copy of Bank Guarantee Certificates (for record)													
PC-SUB-020	Review & Approval of Bank Guarantee Certificates (for record)	21d	18-Dec-14	19-Jan-15	48d	\$0.00	Review & Approval of Bank Guarantee Certificates (for record)													
PC-SUB-030	Preparation & Submit Scheduling Qualification Submittal	2d	17-Dec-14	18-Dec-14*	1d	\$0.00	Preparation & Submit Scheduling Qualification Submittal													
PC-SUB-040	Review & Approval of Scheduling Qualification Submittal	21d	22-Dec-14	21-Jan-15	46d	\$0.00	Review & Approval of Scheduling Qualification Submittal													
PC-SUB-050	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)	2d	20-Dec-14	21-Dec-14*	1d	\$0.00	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)													
PC-SUB-060	Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation)	21d	22-Dec-14	21-Jan-15	8d	\$0.00	Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation)													
PC-SUB-070	Preparation & Submit Submittals Schedule	2d	17-Dec-14	18-Dec-14	32d	\$0.00	Preparation & Submit Submittals Schedule													
PC-SUB-080	Review & Approval of Submittals Schedule	21d	21-Dec-14	20-Jan-15	30d	\$0.00	Review & Approval of Submittals Schedule													
PC-SUB-090	Preparation & Submit Key Staff	2d	27-Dec-14	28-Dec-14	41d	\$0.00	Preparation & Submit Key Staff													
PC-SUB-100	Review & Approval of Key Staff	21d	29-Dec-14	27-Jan-15	42d	\$0.00	Review & Approval of Key Staff													
PC-SUB-110	Preparation & Submit Project Temporary Signs	1d	27-Dec-14	27-Dec-14	4d	\$0.00	Preparation & Submit Project Temporary Signs													
PC-SUB-120	Review & Approval of Project Temporary Signs	6d	28-Dec-14	05-Jan-15	5d	\$0.00	Review & Approval of Project Temporary Signs													
PC-SUB-130	Preparation & Submit Engineer's Field Office Location and Layout	3d	17-Dec-14	20-Dec-14	0d	\$0.00	Preparation & Submit Engineer's Field Office Location and Layout													
PC-SUB-140	Review & Approval of Engineer's Field Office Location and Layout	11d	21-Dec-14	06-Jan-15	5d	\$0.00	Review & Approval of Engineer's Field Office Location and Layout													
PC-SUB-150	Preparation & Submit Field Office Furniture and Equipment Plan	3d	18-Dec-14	22-Dec-14	0d	\$0.00	Preparation & Submit Field Office Furniture and Equipment Plan													
PC-SUB-160	Review & Approval of Field Office Furniture and Equipment Plan	12d	22-Dec-14	11-Jan-15	0d	\$0.00	Review & Approval of Field Office Furniture and Equipment Plan													
PC-SUB-170	Preparation & Submit Field Office Computer Systems and Miscellaneous	2d	17-Dec-14	18-Dec-14	1d	\$0.00	Preparation & Submit Field Office Computer Systems and Miscellaneous													
PC-SUB-180	Review & Approval of Field Office Computer Systems and Miscellaneous	15d	21-Dec-14	12-Jan-15	0d	\$0.00	Review & Approval of Field Office Computer Systems and Miscellaneous													
PC-SUB-190	Preparation & Submit Quality Control Plan	10d	17-Dec-14	29-Dec-14*	9d	\$0.00	Preparation & Submit Quality Control Plan													
PC-SUB-200	Review & Approval of Quality Control Plan	21d	30-Dec-14	28-Jan-15	24d	\$0.00	Review & Approval of Quality Control Plan													

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

Report for:
Cost Loading and S-Curve



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

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

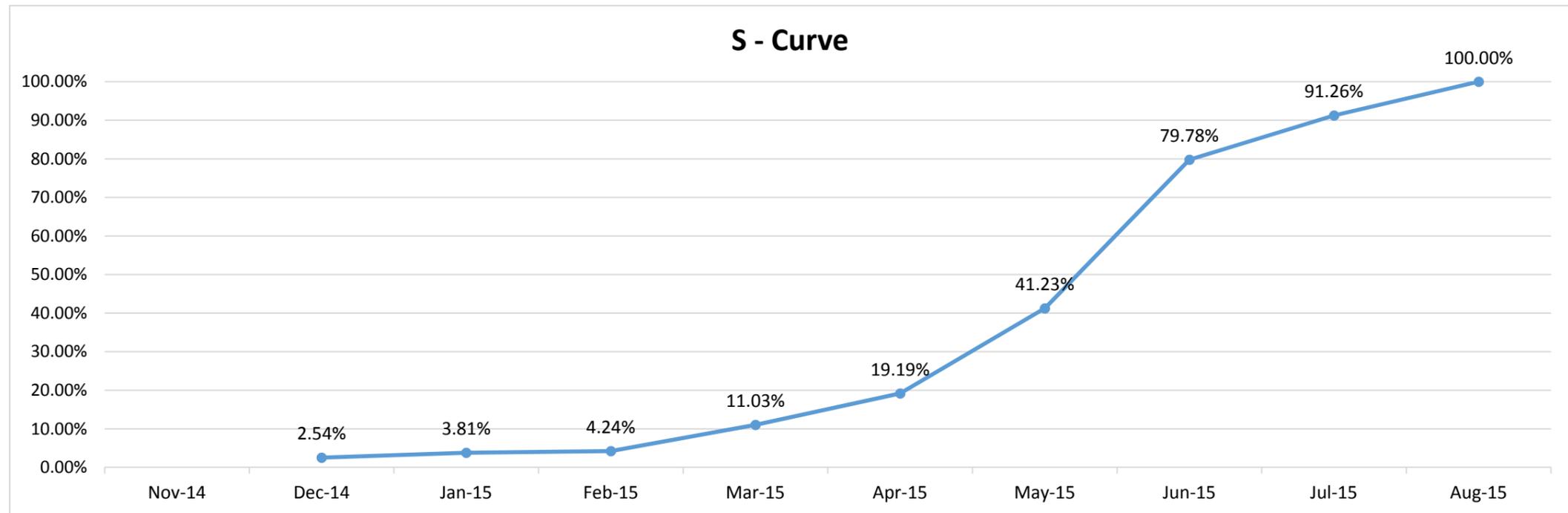
TASK ORDER NO. AID-294-TO-15-000001

Hebron WWTP Access Road



Progress S-Curve

Date	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15
Planned Value		\$ 62,189.33	\$ 31,094.67	\$ 10,644.75	\$ 166,260.04	\$ 199,802.41	\$ 539,710.68	\$ 943,843.46	\$ 281,252.59	\$ 213,907.07
Planned Value (Accumulative)		\$ 62,189.33	\$ 93,284.00	\$ 103,928.75	\$ 270,188.79	\$ 469,991.20	\$ 1,009,701.88	\$ 1,953,545.34	\$ 2,234,797.93	\$ 2,448,705.00
Planned %		2.54%	1.27%	0.43%	6.79%	8.16%	22.04%	38.54%	11.49%	8.74%
Planned % (Accumulative)		2.54%	3.81%	4.24%	11.03%	19.19%	41.23%	79.78%	91.26%	100.00%



Task Order Total Amount	\$ 2,598,705.00
Daywork amount	\$ 150,000.00
BOQ items amount	\$ 2,448,705.00
Project Duration :	240.00
NTP Date:	15-Dec-14