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Infrastructure Needs Program II (INPII)

Contract No.: AID-294-I-00-12-00002

Task Order No.: AID-294-TO-14-00004

Jericho Collection System Expansion – Phase
IA Branch Sewers – JCSI

October, 2015

This publication was produced for review by the United States Agency for International Development. It was prepared by The Morganti Group, Inc.

CONSTRUCTION MONTHLY PROGRESS REPORT

REPORTING PERIOD OCTOBER 01 TO OCTOBER 31,
2015

The authors' views expressed in this publication do not necessarily reflect the views of the United States Agency for International Development or the United States Government.

Task Order No: AID-294-TO-14-00004

Jericho Collection System Expansion –Phase 1A Branch Sewers-JCSI



**Prepared by:
The Morganti Group, Inc.**

October, 2015

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Task Order No: AID-294-TO-14-00004

Jericho Collection System Expansion –Phase 1A Branch Sewers-JCSI

Construction Monthly Progress Report No. 12

Reporting Period:

From October 01, 2015 to October 31, 2015

Contractor:

The Morganti Group Inc.

List of Abbreviations:

B&V	Black and Veatch
BOQ	Bill of Quantities
CMC	Construction Management Contractor
INP II	Infrastructure Needs Program II
IT	Information Technology
JICA	Japanese International Cooperation Agency
NCR	Non-Compliance Report
NOA	Notice of Award
NTP	Notice to Proceed
NUC	Notice of Unsafe Conditions
PVC	Poly Vinyl Chloride
QCP	Quality Control Plan
RFI	Request for Information
RFTOP	Request for Task Order Proposal
ROW	Right of Way
SOW	Scope of Work
TMGI	The Morganti Group, Inc.
TO	Task Order
USAID	United States Agency for International Development
USG	United States Government
VO	Variation Order
VOR	Variation Order Request
WWTP	Waste Water Treatment Plant

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1. Task Order Overview

1.1. Description of the Project

Infrastructure in the West Bank suffers from years of neglect and lack of investment. The USAID Mission Infrastructure Needs Program II (INP II) focuses on the rehabilitation and construction of roads, water and wastewater projects. The USAID objective is to help the Palestinian economy by improving Palestinians access to basic infrastructure and services.

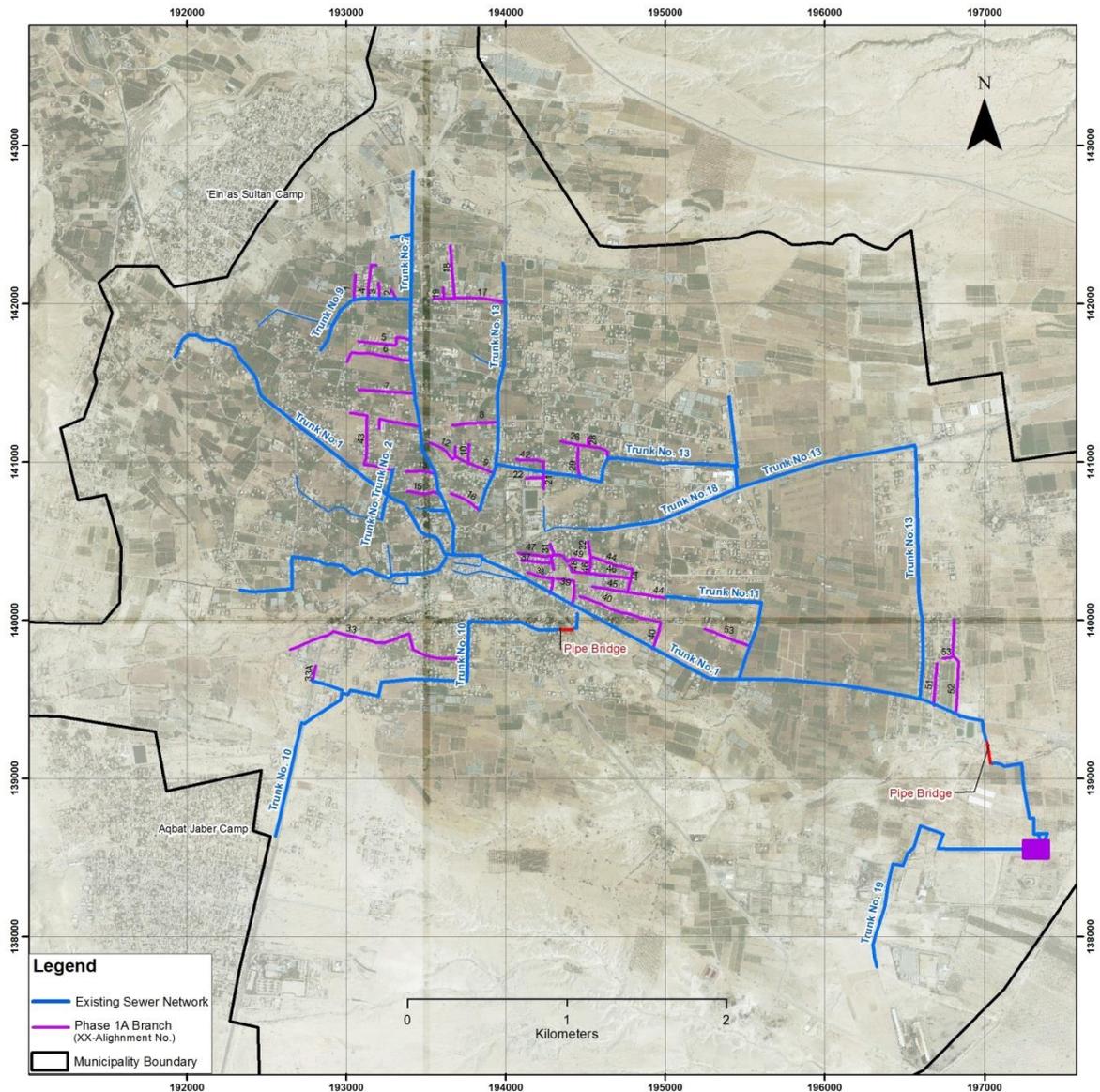
The objective of this Task Order is to build upon the 28 km of phase I Trunk Sewers implemented by other donor, Japanese International Cooperation Agency (JICA). In addition to the trunk sewers, JICA is also in the process of completing the 10,000 cubic meters / day Jericho Wastewater Treatment Plant (WWTP) to which the collection system connects.

This Task Order will expand the collection system through construction of the Phase 1A Branch Sewers, providing the City of Jericho with the opportunity for additional residential / non-residential connections and increased the flow to the Jericho WWTP.

1.2. Project General Information

Project Name:	Jericho Collection System Expansion – Phase 1A Branch Sewers-JCSI
Indefinite Quantity Contract No.:	AID-294-I-00-12-00002
Task Order No.:	AID-294-TO-14-00004
Notice of Award Date:	September 30, 2014
NTP Date:	November 07,2014
Original Contract Value:	USD 4,449,992.00
Original BOQ Line Item Amount:	USD 4,249,992.00
Original Day Work Amount:	USD 200,000
Modified BOQ Line Item:	USD 4,379,183.41
Modified Day Work Amount:	USD 70,808.59
Start Date Of Construction Activity:	February 05, 2015
Contractual Period Of Performance:	330 Calendar Days
Modified Period of Performance:	384 Calendar Days
Estimated Completion Date	November 08, 2015
Contractual End Date:	October 02, 2015
Modified Contractual End Date:	November 25, 2015
Project Location (Area and governorate)	The project is located in Jericho Governorate in Area A.

1.3. Project Key Map



1.4. Scope of Work:

The Scope of Work (SOW) of this project is to extend approximately 12.5 km of branch sewers into high density priority locations within the City of Jericho. The new branch sewers will connect to existing Phase I trunk sewers. Key project elements include:

- Construction of approximately 12.5 km of 8” diameter uPVC main sewers.
- Construction of approximately 468 precast reinforced concrete manholes.
- Construction of approximately 2.0 km of 6” service laterals.
- Construction of approximately 585 connection pits.
- Paving and construction of approximately 0.81 km of previous dirt roads.
- Approximately 14,100 square meter of Trench Restoration.
- Procurement of one combination Jet Vacuum Sewer Maintenance Truck.

1.5. Project Dashboard Status

Contract Elapsed Time as of October , 2015 [%]	359 Days = 93.50 %
Planned Percentage of Completion through October - 2015 [%]	93.85 %
Actual Percentage of Completion through October - 2015 [%]	93.85 %
Float (Days)	0 Days

The actual and planned percentages of completion are extracted from the revised CPM schedule that reflects VO#02, VO#03 and VO#04 updated till October 31, 2015.

2. Safety

2.1. Traffic and Safety Management

Regarding the special nature of Jericho City and the nature of this Task Order, the traffic plan was divided into three cases, the first case is a typical plan for work with moving traffic, while the second traffic plan is a typical plan for totally closed roads with two way traffic flow when the road width (detour) more than 5.5 m. The third traffic plan is a typical plan for totally closed road with one way traffic flow when the road width (detour) less than 5.5 m. The three traffic plans were officially accepted from Jericho Municipality, local Police and CMC and it will be implemented prior to commencement of work.

Moreover, special and specific safety and traffic plans were submitted to CMC for acceptance prior to start excavation for each alignment on a daily basis.

During the construction period, and as a result of the very high temperatures and hot weather in Jericho, special safety measures were taken into consideration during the daytime. Drinking water was distributed to the workers and umbrellas were distributed to the flagmen. The above measures were checked periodically during the day.

Moreover, the accepted traffic and safety measures were implemented on a daily basis during the execution of all the Project's activities.

2.2. Safety Meetings

Safety issues were discussed during all periodically meetings with both CMC and USAID and during the periodic site visits. CMC Safety Engineer visits the construction site several times during the reporting period. He inspected the safety measures and instructed TMGI to follow the accepted safety procedures. TMGI followed his instructions. No Tool box meetings were conducted due to the absence of the safety and environmental officer from site during the reporting period.

2.3. Accident Status

None reported during this reporting period.

2.4. Notice of Unsafe Condition

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

2.5. Notice of Non Compliance Report

Non reported during the reporting period.

2.6. Notice of Non Compliance Report Correction

CMC rejected the submitted correction on September 06, 2015. Morganti was submitted new correction on October 01, 2015 and was accepted on October 04, 2015.

2.7. Safety Conclusion

According to the specifications and contract documents, comprehensive standard safety plan – one of the preconstruction submittals – was submitted to CMC / BV and accepted prior of starting project's activities.

All accepted equipment listed in Internal Lining Plan were used during the construction activities. Prior to start the mentioned activity, all safety measures were taken into consideration.

Monthly updates of safety plans for February, 2015, March, 2015 and April, 2015 were submitted to CMC and accepted during the current reporting period, while May, 2015 monthly safety update plan was submitted to CMC for approval and returned back with an action C. The monthly updates for June, July, August and September along with May, 2015 will be submitted to CMC for approval during the next reporting period.

3. Environmental Compliance

The nature of this Task Order is totally different from other previous projects; accordingly, a comprehensive Environmental Mitigation and Monitoring Plan was submitted to CMC and accepted. During the project's lifecycle, all Environmental measures will be taken into considerations. Monthly update of February, March, April, May, and June were submitted to CMC and accepted, update of July was submitted and the CMC review on the submittal was Action C - Revise and resubmit. Accordingly; a revised submittal will be submitted to CMC soon. A monthly update of August and September is under preparation and will be submitted to CMC once it finished.

4. Traffic Control Measures

Prior of starting any activity and on a daily basis, the accepted traffic plan was totally implemented and accepted by CMC. Our group is totally complied with the accepted traffic plans.

During the reporting period, TMGI completed the implementation works for the accepted traffic plans for asphalt works and internal lining.

For manholes furnishing works, road works and milling and overlay activities, special accepted traffic control measures were taken into consideration and followed to prevent accidents and traffic problems.

5. Community Outreach

None reported during this reporting period.

6. Gender Action Plan

During this reporting period, the following actions have been taken under the gender plan within the Jericho project:

- 6.1. One female office engineer was hired and she is working in Jericho field office.
- 6.2. One female messenger was hired under this task order; she was located in the Morganti field office.

7. Security Coordination Meetings

None reported during this reporting period.

8. Meetings

The below list illustrates all meetings held during the reporting period:

1. Contracting Officer Meeting was held on October 28, 2015.
2. Geo-MIS Data Audit Meeting was held in Morganti field office on October 21, 2015 between CMC / BV.

9. Site Visitors

The following table shows the site visitors during this reporting period including USAID, CMC/BV and all other visitors directly related to the project:

Date	Time	Representative	Representing	Location
October 04, 2015	11:00 A.M	Ghassan Al Alami	Morganti / Projects Manager	JCSI Field Office
October 04, 2015	09:00 A.M	Muwafaq Abu Zeineh	SAK/Project Controls Manager	JCSI Field Office
October 05, 2015	09:00 A.M	Muwafaq Abu Zeineh	SAK/Project Controls Manager	JCSI Field Office
October 11, 2015	1:00 P.M	Saleem Tafesh	SAK/Projects Manager	JCSI Field Office & Site
October 11, 2015	1:00 P.M	Rasha Zarour	SAK/Office Engineer	JCSI Field Office
October 27, 2015	11:00 A.M	Karim Al Husri	B&V / Sr. Projects Manager	JCSI Field Office
October 27, 2015	11:00 A.M	Saleem Tafesh	SAK/Projects Manager	JCSI Field Office

10. Material and Equipment Delivered on Site

- 10.1. Material delivered on site: All required construction material related to construction activities were delivered to the site and to the storage yard such as Asphalt 3/4", Nitomortar TC 2000, Nitomortar HB, Ready Mix Concrete B250– For more information please refer to Annex A.

10.2. Equipment on Site: Water tank, asphalt milling machine, Bobcat, Trucks, Jet / Vacuum Truck , asphalt finisher and others were used during the reporting period for executing the ongoing construction activities – For more information please refer to Annex - A.

11. Progress and Scheduling

During the reporting period, milling and overlay, second asphalt restorations were continued. Moreover, internal lining of manholes was almost completed.

Exfiltration tests for manholes were started during the reporting period. For more details, please refer to Section 12.

12. Activities During this Reporting Period

- 12.1. Manholes repairing for alignments # 01 ,03 ,04 ,55 44, 06, 07, 15, 42, 13, 22, 21, 54, 17, 18 ,19 ,29 ,26 ,28 ,16 08 ,09 ,10 ,49 ,47 ,48 ,37 ,36 ,38 ,44, 15, 13, 45 ,13 ,54 33 , 05, 46.
- 12.2. Start and complete manholes covers locks installation for alignments # 02 ,19 ,44 ,45 , 49.
- 12.3. Start and complete asphalt milling for alignments #15,16,29.
- 12.4. Conducting core test samples for trench restoration asphalt for alignment No.13 ,43 ,54 ,05 ,17 ,18 ,04 ,15 ,13 ,09 ,10 ,12.
- 12.5. Conducting core test samples for asphalt layer at roads A, B,G and K.
- 12.6. Conducting core test samples for overlay asphalt layer and trench restoration at alignments #37,48,55,36,40,44,46,31,32,47,22,42 and 38.
- 12.7. Conducting air pressure test at roads A and B on October 06, 2015 and for roads K and G on October 07, 2015.
- 12.8. Conducting air pressure test for alignments#15,29 and 33 on October 08.
- 12.9. Installation of Cast iron manholes steps for main manholes at roads A, B, G and K on October 10, 2015.
- 12.10. Base course preparation for alignments# 52 were started on October 05, 2015
- 12.11. House Entrances restoration at alignment# 05 ,06 ,07 ,01 ,03 ,04 ,09 ,10 ,13 ,18 ,17 ,29 ,26,54,40 ,45,44,46,36,37,48,55,33 and road G
- 12.12. Housekeeping at alignment # 04 on October 10, 2015 and at alignments # 42 and 49 on October 11, 2015.
- 12.13. Epoxy painting for internal face of main manholes and connection pits covers at alignments #01,03, 04,37,48,49, 47, 44, 46, 32, 55, 40, 17, 18, 19, 05, 06, 07, 54, 13, 15, 51, 52, 53, 43, 26, 28, 29 and 16.
- 12.14. Flushing and cleaning of main manholes and connection pits at alignments#01 ,02 03, 04, 05, 06, 07, 08, 09,10, 12, 15, 16, 54, 34, 17, 18, 19, 13, 26, 28, 29, 21, 22,33 and 42.
- 12.15. Continue works of internal lining of necks of main manholes and connection pits at alignments # 10, 02, 03, 04, 05, 06, 07, 13, 15, 43, 54, 09, 12, 17, 18, 19, 08, 16, 21, 22, 42, 26, 28, 29, 36, 38, 39, 40, 45, 46, 47, 32, 31, 33, 51, 52, 53,55 and 49.
- 12.16. Jet vacuum truck training on October 14, 2015 and October 15, 2015.
- 12.17. Base course preparation for alignment#12.
- 12.18. Start preparation of works of roads sides for concrete protection at roads A, B and K.
- 12.19. Internal lining of breaking to existing manholes as indicate in the following table :

Internal Lining for Breaking to Existing Manholes		
Alignment	Start	Complete
01	October 01, 2015	October 06, 2015
03	October 01, 2015	October 06, 2015
04	October 01, 2015	October 06, 2015
05	October 01, 2015	October 06, 2015
06	October 01, 2015	October 06, 2015
07	October 01, 2015	October 06, 2015
13	October 01, 2015	October 06, 2015
15	October 01, 2015	October 06, 2015
43	October 01, 2015	October 06, 2015
54	October 01, 2015	October 01, 2015
09	October 06, 2015	October 06, 2015
29	October 06, 2015	October 06, 2015
26	October 06, 2015	October 06, 2015
17	October 06, 2015	October 06, 2015
36	October 07, 2015	October 07, 2015
39	October 07, 2015	October 07, 2015
40	October 07, 2015	October 07, 2015
44	October 07, 2015	October 07, 2015

12.20. Internal lining for main manholes and connection pits as indicate in the following table:

Internal Lining for Main Manholes and Connection Pits		
Manhole #	Start	Complete
(JCS-19-01)	October 01, 2015	October 01, 2015
(JCS-19-02)	October 01, 2015	October 01, 2015
(JCS-19-01-CPR1)	October 01, 2015	October 01, 2015
(JCS-19-01-CPR2)	October 01, 2015	October 01, 2015
(JCS-19-02-CPR)	October 01, 2015	October 01, 2015
(JCS-19-01-CPL)	October 01, 2015	October 01, 2015
(JCS-02-01)	October 01, 2015	October 01, 2015
(JCS-02-02)	October 01, 2015	October 01, 2015
(JCS-02-03)	October 01, 2015	October 01, 2015
(JCS-02-01-CPL)	October 01, 2015	October 01, 2015
(JCS-02-02-CPL)	October 01, 2015	October 01, 2015
(JCS-02-02-CPR)	October 01, 2015	October 01, 2015
(JCS-02-03-CPL)	October 01, 2015	October 01, 2015
(JCS-09-01)	October 03, 2015	October 03, 2015
(JCS-09-02)	October 03, 2015	October 03, 2015
(JCS-09-03)	October 03, 2015	October 03, 2015
(JCS-09-04)	October 03, 2015	October 03, 2015
(JCS-09-05)	October 03, 2015	October 03, 2015
(JCS-09-06)	October 03, 2015	October 03, 2015
(JCS-09-07)	October 03, 2015	October 03, 2015
(JCS-09-08)	October 03, 2015	October 03, 2015
(JCS-09-03-CPL)	October 03, 2015	October 03, 2015
(JCS-09-03-CPR)	October 03, 2015	October 03, 2015
(JCS-09-04-CPR)	October 03, 2015	October 03, 2015
(JCS-09-04-CPL)	October 03, 2015	October 03, 2015
(JCS-09-04-CPL2)	October 03, 2015	October 03, 2015

(JCS-09-05-CPR)	October 03, 2015	October 03, 2015
(JCS-09-05-CPL)	October 03, 2015	October 03, 2015
(JCS-09-06-CPR)	October 03, 2015	October 03, 2015
(JCS-09-07-CPR)	October 03, 2015	October 03, 2015
(JCS-49-13)	October 03, 2015	October 03, 2015
(JCS-49-14)	October 03, 2015	October 03, 2015
(JCS-49-15)	October 03, 2015	October 03, 2015
(JCS-49-16)	October 03, 2015	October 03, 2015
(JCS-49-17)	October 03, 2015	October 03, 2015
(JCS-49-18)	October 03, 2015	October 03, 2015
(JCS-49-13-CPL)	October 03, 2015	October 03, 2015
(JCS-49-15-CPL)	October 03, 2015	October 03, 2015
(JCS-49-14-CPR)	October 03, 2015	October 03, 2015
(JCS-49-14-CPL)	October 03, 2015	October 03, 2015
(JCS-49-16-CPL)	October 03, 2015	October 03, 2015
(JCS-49-17-CPL)	October 03, 2015	October 03, 2015
(JCS-49-18-CPL)	October 03, 2015	October 03, 2015
(JCS-29-01)	October 04, 2015	October 04, 2015
(JCS-29-02)	October 04, 2015	October 04, 2015
(JCS-29-03)	October 04, 2015	October 04, 2015
(JCS-29-04)	October 04, 2015	October 04, 2015
(JCS-29-05)	October 04, 2015	October 04, 2015
(JCS-29-06)	October 04, 2015	October 04, 2015
(JCS-29-07)	October 04, 2015	October 04, 2015
(JCS-29-08)	October 04, 2015	October 04, 2015
(JCS-29-09)	October 04, 2015	October 04, 2015
(JCS-29-02-CPR)	October 04, 2015	October 04, 2015
(JCS-29-03-CPR)	October 04, 2015	October 04, 2015
(JCS-29-03-CPL)	October 04, 2015	October 04, 2015
(JCS-29-04-CPR)	October 04, 2015	October 04, 2015
(JCS-29-05-CPL1)	October 04, 2015	October 04, 2015
(JCS-29-05-CPL2)	October 04, 2015	October 04, 2015
(JCS-29-05-CPR)	October 04, 2015	October 04, 2015
(JCS-29-06-CPL)	October 04, 2015	October 04, 2015
(JCS-29-07-CPR)	October 04, 2015	October 04, 2015
(JCS-29-07-CPL)	October 04, 2015	October 04, 2015
(JCS-29-09-CPR)	October 04, 2015	October 04, 2015
(JCS-29-09-CPL)	October 04, 2015	October 04, 2015
(JCS-04-07)	October 04, 2015	October 04, 2015
(JCS-04-08)	October 04, 2015	October 04, 2015
(JCS-04-09)	October 04, 2015	October 04, 2015
(JCS-04-10)	October 04, 2015	October 04, 2015
(JCS-21-01)	October 04, 2015	October 04, 2015
(JCS-21-02)	October 04, 2015	October 04, 2015
(JCS-21-03)	October 04, 2015	October 04, 2015
(JCS-21-01-CPL)	October 04, 2015	October 04, 2015
(JCS-21-03-CPL)	October 04, 2015	October 04, 2015
(JCS-21-03-CPR)	October 04, 2015	October 04, 2015
(JCS-21-02-CPL)	October 04, 2015	October 04, 2015
(JCS-43-02)	October 22, 2015	October 22, 2015
(JCS-43-03)	October 22, 2015	October 22, 2015
(JCS-43-04)	October 22, 2015	October 22, 2015
(JCS-43-05)	October 22, 2015	October 22, 2015

(JCS-43-06)	October 22, 2015	October 22, 2015
(JCS-43-07)	October 22, 2015	October 22, 2015
(JCS-43-08)	October 22, 2015	October 22, 2015
(JCS-43-09)	October 22, 2015	October 22, 2015
(JCS-43-10)	October 22, 2015	October 22, 2015
(JCS-43-11)	October 22, 2015	October 22, 2015
(JCS-43-12)	October 22, 2015	October 22, 2015
(JCS-43-13)	October 22, 2015	October 22, 2015
(JCS-43-14)	October 22, 2015	October 22, 2015
(JCS-43-15)	October 22, 2015	October 22, 2015
(JCS-43-16)	October 22, 2015	October 22, 2015
(JCS-43-17)	October 22, 2015	October 22, 2015
(JCS-43-18)	October 22, 2015	October 22, 2015
(JCS-43-19)	October 22, 2015	October 22, 2015
(JCS-43-20)	October 22, 2015	October 22, 2015
(JCS-43-21)	October 22, 2015	October 22, 2015
(JCS-43-22)	October 22, 2015	October 22, 2015
(JCS-18-02)	October 24, 2015	October 24, 2015
(JCS-18-03)	October 24, 2015	October 24, 2015
(JCS-18-04)	October 24, 2015	October 24, 2015
(JCS-18-05)	October 24, 2015	October 24, 2015
(JCS-18-06)	October 24, 2015	October 24, 2015
(JCS-18-07)	October 24, 2015	October 24, 2015
(JCS-18-08)	October 24, 2015	October 24, 2015
(JCS-18-09)	October 24, 2015	October 24, 2015
(JCS-18-10)	October 24, 2015	October 24, 2015
(JCS-18-11)	October 24, 2015	October 24, 2015
(JCS-18-12)	October 24, 2015	October 24, 2015
(JCS-21-01)	October 25, 2015	October 25, 2015
(JCS-21-02)	October 25, 2015	October 25, 2015
(JCS-21-03)	October 25, 2015	October 25, 2015
(JCS-22-01)	October 25, 2015	October 25, 2015
(JCS-22-02)	October 25, 2015	October 25, 2015
(JCS-22-03)	October 25, 2015	October 25, 2015
(JCS-22-04)	October 25, 2015	October 25, 2015
(JCS-22-05)	October 25, 2015	October 25, 2015
(JCS-22-06)	October 25, 2015	October 25, 2015
(JCS-42-01)	October 25, 2015	October 25, 2015
(JCS-42-02)	October 25, 2015	October 25, 2015
(JCS-42-03)	October 25, 2015	October 25, 2015
(JCS-42-04)	October 25, 2015	October 25, 2015
(JCS-42-05)	October 25, 2015	October 25, 2015
(JCS-42-06)	October 25, 2015	October 25, 2015
(JCS-42-07)	October 25, 2015	October 25, 2015
(JCS-42-08)	October 25, 2015	October 25, 2015
(JCS-42-09)	October 25, 2015	October 25, 2015
(JCS-42-10)	October 25, 2015	October 25, 2015
(JCS-42-11)	October 25, 2015	October 25, 2015
(JCS-29-01)	October 26, 2015	October 26, 2015
(JCS-29-02)	October 26, 2015	October 26, 2015
(JCS-29-03)	October 26, 2015	October 26, 2015
(JCS-29-04)	October 26, 2015	October 26, 2015
(JCS-29-05)	October 26, 2015	October 26, 2015

(JCS-29-06)	October 26, 2015	October 26, 2015
(JCS-29-07)	October 26, 2015	October 26, 2015
(JCS-29-08)	October 26, 2015	October 26, 2015
(JCS-29-09)	October 26, 2015	October 26, 2015
(JCS-26-01)	October 26, 2015	October 26, 2015
(JCS-26-02)	October 26, 2015	October 26, 2015
(JCS-26-03)	October 26, 2015	October 26, 2015
(JCS-26-04)	October 26, 2015	October 26, 2015
(JCS-26-05)	October 26, 2015	October 26, 2015
(JCS-26-06)	October 26, 2015	October 26, 2015
(JCS-26-07)	October 26, 2015	October 26, 2015
(JCS-26-08)	October 26, 2015	October 26, 2015
(JCS-26-09)	October 26, 2015	October 26, 2015
(JCS-17-01)	October 27, 2015	October 27, 2015
(JCS-17-02)	October 27, 2015	October 27, 2015
(JCS-17-03)	October 27, 2015	October 27, 2015
(JCS-17-04)	October 27, 2015	October 27, 2015
(JCS-17-05)	October 27, 2015	October 27, 2015
(JCS-17-06)	October 27, 2015	October 27, 2015
(JCS-17-07)	October 27, 2015	October 27, 2015
(JCS-17-08)	October 27, 2015	October 27, 2015
(JCS-17-09)	October 27, 2015	October 27, 2015
(JCS-17-10)	October 27, 2015	October 27, 2015
(JCS-17-11)	October 27, 2015	October 27, 2015
(JCS-17-12)	October 27, 2015	October 27, 2015
(JCS-17-13)	October 27, 2015	October 27, 2015
(JCS-17-14)	October 27, 2015	October 27, 2015
(JCS-17-15)	October 27, 2015	October 27, 2015
(JCS-17-16)	October 27, 2015	October 27, 2015
(JCS-17-17)	October 27, 2015	October 27, 2015

12.21. Asphalt works as indicated in the following table:

Asphalt Works			
Alignment#	Start	Complete	Quantity (m²)
36	October 03, 2015	October 03, 2015	302.48
38	October 03, 2015	October 03, 2015	462.23
39	October 03, 2015	October 03, 2015	580.09
40	October 03, 2015	October 05, 2015	2109.45
49	September 21, 2015	October 03, 2015	1046.49
55	October 04, 2015	October 04, 2015	954.81
44	October 04, 2015	October 05, 2015	2075.15
45	October 05, 2015	October 05, 2015	673.63
46	October 05, 2015	October 05, 2015	1417.37
47	October 05, 2015	October 05, 2015	519.80
31	October 08, 2015	October 08, 2015	109.25
22	October 08, 2015	October 08, 2015	111.67
42	October 08, 2015	October 08, 2015	452.08
15 (Repair+ Extension)	October 12, 2015	October 12, 2015	609.35
16 (Repair+ Extension)	October 12, 2015	October 12, 2015	397.18
29 (Repair)	October 12, 2015	October 12, 2015	271.14
Road K	October 12, 2015	October 12, 2015	258.15

12.22. Epoxy painting for locks of main manholes and connection pits as indicate in the following:

Locks Painting for Main Manholes and Connection Pits		
Alignment#	Start	Complete
10	October 05, 2015	October 06, 2015
02	October 05, 2015	October 05, 2015
03	October 05, 2015	October 05, 2015
04	October 05, 2015	October 05, 2015
05	October 05, 2015	October 05, 2015
06	October 05, 2015	October 05, 2015
07	October 05, 2015	October 05, 2015
13	October 05, 2015	October 05, 2015
15	October 05, 2015	October 05, 2015
43	October 05, 2015	October 05, 2015
54	October 05, 2015	October 05, 2015
09	October 06, 2015	October 06, 2015
12	October 06, 2015	October 06, 2015
17	October 06, 2015	October 06, 2015
18	October 06, 2015	October 06, 2015
19	October 06, 2015	October 06, 2015
08	October 06, 2015	October 06, 2015
16	October 06, 2015	October 06, 2015
21	October 06, 2015	October 06, 2015
22	October 06, 2015	October 06, 2015
42	October 06, 2015	October 06, 2015
26	October 06, 2015	October 06, 2015
28	October 06, 2015	October 06, 2015
29	October 06, 2015	October 06, 2015
36	October 07, 2015	October 07, 2015
38	October 07, 2015	October 07, 2015
39	October 07, 2015	October 07, 2015
40	October 07, 2015	October 07, 2015
45	October 07, 2015	October 07, 2015
46	October 07, 2015	October 07, 2015
47	October 07, 2015	October 07, 2015
32	October 07, 2015	October 07, 2015
31	October 07, 2015	October 07, 2015
49	October 07, 2015	October 07, 2015
33	October 08, 2015	October 08, 2015
51	October 08, 2015	October 08, 2015
52	October 08, 2015	October 08, 2015
53	October 08, 2015	October 08, 2015
55	October 08, 2015	October 08, 2015

12.23. Interior drop manholes as the following:

Internal Drop Manholes		
Manhole #	Start	Complete
(JCS-04-06)	October 01, 2015	October 01, 2015
(JCS-04-06)	October 01, 2015	October 01, 2015
(JCS-06-04-R)	October 03, 2015	October 03, 2015
(JCS-06-05-R)	October 03, 2015	October 03, 2015

(JCS-06-05-L)	October 03, 2015	October 03, 2015
(JCS-06-10-R)	October 03, 2015	October 03, 2015
(JCS-07-12-L)	October 03, 2015	October 03, 2015
(JCS-07-10-L)	October 03, 2015	October 03, 2015
(JCS-54-09-R)	October 04, 2015	October 04, 2015
(JCS-46-12-R)	October 04, 2015	October 04, 2015
(JCS-46-11-R)	October 04, 2015	October 04, 2015
(JCS-22-06)	October 04, 2015	October 04, 2015
(JCS-38-04-R)	October 05, 2015	October 05, 2015
(JCS-38-05-R)	October 05, 2015	October 05, 2015
(JCS-51-01-L)	October 05, 2015	October 05, 2015
(JCS-33-22-R)	October 06, 2015	October 06, 2015
(JCS-33-22-L)	October 06, 2015	October 06, 2015
(JCS-33-23-L)	October 06, 2015	October 06, 2015
(JCS-33-24-L)	October 06, 2015	October 06, 2015

12.24 Conducting exfiltration test for main sewer manholes at alignments#01 ,04 ,03 ,02 ,05 ,54,07,13,15,43,16,17,18,19,06,08,22,21,26,42,29,28,33,09,49,36,48,37,44,45,47,46,38,46 and 47.

EXFILTRATION TEST FOR PRECAST CONCRETE MAIN MANHOLES

Align#	MH Name	Date First Inspection	Pass/ Fail	Date Second Inspection	Pass/ Fail	Date Third Inspection	Pass/ Fail	Date Fourth Inspection	Pass/ Fail
Alig#01	JCS #1	October 17, 2015	P						
Alig#01	JCS #2	September 1, 2015	P						
Alig#01	JCS #3	September 1, 2015	P						
Alig#01	JCS#4	September 1, 2015	F	October 17, 2015	P				
Alig#01	JCS#6	October 17, 2015	P						
Alig#01	JCS#7	October 17, 2015	P						
Alig#02	JCS#1	October 22, 2015	P						
Alig#02	JCS#2	October 17, 2015	F	October 22, 2015	F	October 22, 2015	P		
Alig#02	JCS#3	October 17, 2015	F	October 18, 2015	P				
Alig#03	JCS #1	October 17, 2015	P						
Alig#03	JCS #2	October 17, 2015	P						
Alig#03	JCS #3	October 17, 2015	P						



Align#	MH Name	Date First Inspection	Pass/ Fail	Date Second Inspection	Pass/ Fail	Date Third Inspection	Pass/ Fail	Date Fourth Inspection	Pass/ Fail
Alig#03	JCS #4	October 17, 2015	P						
Alig#04	JCS#1	October 22, 2015	P						
Alig#04	JCS#2	October 17, 2015	P						
Alig#04	JCS#3	October 17, 2015	P						
Alig#04	JCS#4	October 17, 2015	P						
Alig#04	JCS#5	October 17, 2015	F	October 18, 2015	P				
Alig#04	JCS#7	October 31, 2015	P						
Alig#04	JCS#10	October 17, 2015	P						
Alig#04	JCS#11	October 17, 2015	P						
Alig#05	JCS#1	October 18, 2015	P						
Alig#05	JCS#2	October 18, 2015	F	October 22, 2015	P				
Alig#05	JCS#2/1	October 18, 2015	P						
Alig#05	JCS#3	October 18, 2015	P						
Alig#05	JCS#4	October 18, 2015	P						
Alig#05	JCS#5	October 18, 2015	P						
Alig#05	JCS#6	October 22, 2015	P						
Alig#05	JCS#7	October 18, 2015	P						
Alig#05	JCS#8	October 18, 2015	P						
Alig#05	JCS#9	October 22, 2015	P						
Alig#05	JCS#10	October 18, 2015	P						
Alig#05	JCS#11	October 17, 2015	P						
Alig#05	JCS#12	October 17, 2015	P						
Alig#05	JCS#13	October 17, 2015	P						
Alig#05	JCS#14	October 17, 2015	P						
Alig#06	JCS#01	October 22, 2015	F	October 24, 2015	P				
Alig#06	JCS#02	October 22, 2015	P						
Alig#06	JCS#03	October 26, 2015	P						
Alig#06	JCS#12	October 22, 2015	P						



Align#	MH Name	Date First Inspection	Pass/ Fail	Date Second Inspection	Pass/ Fail	Date Third Inspection	Pass/ Fail	Date Fourth Inspection	Pass/ Fail
Alig#07	JCS #1	October 18, 2015	P						
Alig#07	JCS #2	October 18, 2015	P						
Alig#07	JCS #3	October 18, 2015	P						
Alig#07	JCS #4	October 19, 2015	F	October 22, 2015	P				
Alig#07	JCS#5	October 19, 2015	F	October 22, 2015	P				
Alig#07	JCS#6	October 19, 2015	P						
Alig#07	JCS#07	October 19, 2015	F	October 22, 2015	P				
Alig#07	JCS#09	October 19, 2015	P						
Alig#07	JCS#11	October 19, 2015	P						
Alig#08	JCS#08-01	October 22, 2015	P						
Alig#08	JCS#08-02	October 22, 2015	P						
Alig#08	JCS#08-04	October 22, 2015	P						
Alig#08	JCS#08-6	October 22, 2015	F	October 26, 2015	F	October 26, 2015	P		
Alig#08	JCS#08-7	October 22, 2015	P						
Alig#08	JCS#08-8	August 25, 2015	F	October 22, 2015	P				
Alig#08	JCS#08-9	October 22, 2015	P						
Alig#08	JCS#08-10	October 22, 2015	P						
Alig#08	JCS#08-11	October 22, 2015	P						
Alig#09	JCS#09-01	October 27, 2015	P						
Alig#09	JCS#09-02	September 19, 2015	F	October 27, 2015	P				
Alig#09	JCS#09-03	September 19, 2015	F	October 27, 2015	P				
Alig#09	JCS#09-04	October 27, 2015	P						
Alig#09	JCS#09-05	October 27, 2015	P						
Alig#09	JCS#09-07	September 19, 2015	P						
Alig#09	JCS#09-10	September 19, 2015	P						
Alig#09	JCS#09-11	October 27, 2015	P						
Alig#09	JCS#09-12	October 26, 2015	P						
Alig#09	JSC#09-13	October 26, 2015	P						



Align#	MH Name	Date First Inspection	Pass/ Fail	Date Second Inspection	Pass/ Fail	Date Third Inspection	Pass/ Fail	Date Fourth Inspection	Pass/ Fail
Align#09	JCS#09-14	October 26, 2015	P						
Align#10	JCS#10-02	September 19, 2015	P						
Align#10	JCS#10-06	October 27, 2015	P						
Align#12	JCS#12-01	October 26, 2015	F						
Align#12	JCS#12-02	October 26, 2015	F						
Align#12	JCS#12-03	October 26, 2015	P						
Align#12	JCS#12-05	October 26, 2015	P						
Align#12	JCS#12-06	October 26, 2015	P						
Align#13	JCS#01	August 15, 2015	F	August 16, 2015	F	October 19, 2015	P		
Align#13	JCS#02	October 19, 2015	F	October 24, 2015	P				
Align#13	JCS#03	October 24, 2015	P						
Align#13	JCS#04	October 24, 2015	P						
Align#13	JCS#05	August 15, 2015	F	August 16, 2015	F	October 19, 2015	F	October 24, 2015	P
Align#13	JCS#06	October 19, 2015	F	October 24, 2015	P				
Align#13	JCS#07	October 19, 2015	P						
Align#13	JCS#08	October 19, 2015	P						
Align#15	JCS#02	October 19, 2015	P						
Align#15	JCS#03	October 26, 2015	P						
Align#15	JCS#05	October 26, 2015	F						
Align#15	JCS#06	September 17, 2015	F	October 19, 2015	P				
Align#15	JCS#07	October 19, 2015	F	October 19, 2015	P				
Align#15	JCS#08	October 19, 2015	F	October 19, 2015	F	October 26, 2015	P		
Align#16	JCS#16-04	August 20, 2015	F	October 20, 2015	P				
Align#16	JCS#16-01	October 20, 2015	P						
Align#16	JCS#16-05	August 20, 2015	F	October 20, 2015	F	October 26, 2015	P		
Align#16	JCS#16-06	October 20, 2015	P						
Align#16	JCS#16-07	October 20, 2015	F	October 21, 2015	F	October 26, 2015	P		
Align#16	JCS#16-08	October 20, 2015	F	October 21, 2015	P				



Align#	MH Name	Date First Inspection	Pass/ Fail	Date Second Inspection	Pass/ Fail	Date Third Inspection	Pass/ Fail	Date Fourth Inspection	Pass/ Fail
Align#16	JCS#16-09	October 20, 2015	P						
Align#16	JCS#16-10	October 20, 2015	F	October 21, 2015	P				
Align#17	JCS#17-01	October 21, 2015	P						
Align#17	JCS#17-02	October 21, 2015	P						
Align#17	JCS#17-03	October 22, 2015	P						
Align#17	JCS#17-04	October 21, 2015	P						
Align#17	JCS#17-05	October 21, 2015	P						
Align#17	JCS#17-06	October 21, 2015	P						
Align#17	JCS#17-07	October 21, 2015	P						
Align#17	JCS#17-08	October 21, 2015	P						
Align#17	JCS#17-09	October 21, 2015	P						
Align#17	JCS#17-10	October 21, 2015	P						
Align#17	JCS#17-11	October 20, 2015	F	October 21, 2015	P				
Align#17	JCS#17-12	October 20, 2015	F	October 21, 2015	P				
Align#17	JCS#17-13	October 20, 2015	P						
Align#17	JCS#17-14	October 25, 2015	F	October 26, 2015	P				
Align#17	JCS#17-15	October 20, 2015	F	October 21, 2015	P				
Align#17	JCS#17-16	October 20, 2015	P						
Align#17	JCS#17-17	October 20, 2015	P						
Align#18	JCS#18-01	October 22, 2015	P						
Align#18	JCS#18-02	October 21, 2015	P						
Align#18	JCS#18-03	October 22, 2015	F	October 25, 2015	P				
Align#18	JCS#18-04	October 21, 2015	P						
Align#18	JCS#18-05	October 21, 2015	P						
Align#18	JCS#18-06	October 21, 2015	F	October 22, 2015	P				
Align#18	JCS#18-07	October 21, 2015	P						
Align#18	JCS#18-08	October 21, 2015	P						
Align#18	JCS#18-09	October 21, 2015	P						



Align#	MH Name	Date First Inspection	Pass/ Fail	Date Second Inspection	Pass/ Fail	Date Third Inspection	Pass/ Fail	Date Fourth Inspection	Pass/ Fail
Alig#18	JCS#18-10	October 21, 2015	P						
Alig#18	JCS#18-11	October 21, 2015	P						
Alig#18	JCS#18-12	October 21, 2015	F	October 22, 2015	P				
Alig#19	JCS#19-01	October 25, 2015	P						
Alig#19	JCS#19-02	October 22, 2015	P						
Alig#21	JCS#21-01	October 24, 2015	P						
Alig#21	JCS#21-02	October 24, 2015	P						
Alig#21	JCS#21-03	October 24, 2015	P						
Alig#22	JCS#22-01	October 24, 2015	P						
Alig#22	JCS#22-02	October 24, 2015	P						
Alig#22	JCS#22-03	October 24, 2015	P						
Alig#22	JCS#22-04	October 24, 2015	P						
Alig#22	JCS#22-05	October 24, 2015	P						
Alig#26	JCS#26-01	October 26, 2015	P						
Alig#26	JCS#26-02	October 26, 2015	P						
Alig#26	JCS#26-03	October 26, 2015	P						
Alig#26	JCS#26-04	October 26, 2015	P						
Alig#26	JCS#26-05	October 26, 2015	P						
Alig#26	JCS#26-06	October 25, 2015	P						
Alig#26	JCS#26-07	October 25, 2015	P						
Alig#26	JCS#26-08	October 25, 2015	P						
Alig#26	JCS#26-09	October 24, 2015	P						
Alig#26	JCS#26-10	October 24, 2015	P						
Alig#26	JCS#26-11	October 24, 2015	F	October 25, 2015	P				
Alig#26	JCS#26-12	October 24, 2015	P						
Alig#26	JCS#26-13	October 24, 2015	P						
Alig#28	JCS#28-01	October 25, 2015	P						
Alig#28	JCS#28-02	October 25, 2015	P						



Align#	MH Name	Date First Inspection	Pass/ Fail	Date Second Inspection	Pass/ Fail	Date Third Inspection	Pass/ Fail	Date Fourth Inspection	Pass/ Fail
Alig#29	JCS#29-01	October 25, 2015	P						
Alig#29	JCS#29-02	October 25, 2015	P						
Alig#29	JCS#29-03	October 25, 2015	P						
Alig#29	JCS#29-04	October 25, 2015	P						
Alig#29	JCS#29-06	October 24, 2015	F	October 25, 2015	P				
Alig#29	JCS#29-07	October 24, 2015	P						
Alig#29	JCS#29-08	October 24, 2015	F	October 25, 2015	P				
Alig#29	JCS#29-09	October 24, 2015	P						
Alig#33	JCS#33-16	October 27, 2015	P						
Alig#33	JCS#33-17	October 27, 2015	P						
Alig#33	JCS#33-18	October 27, 2015	P						
Alig#33	JCS#33-19	October 27, 2015	F						
Alig#33	JCS#33-25	October 27, 2015	P						
Alig#33	JCS#33-26	October 27, 2015	P						
Alig#33	JCS#33-33	October 27, 2015	P						
Alig#33	JCS#33-33-1	October 27, 2015	P						
Alig#33	JCS#33-34	October 27, 2015	P						
Alig#33	JCS#33-35	October 27, 2015	P						
Alig#33	JCS#33-36	October 26, 2015	P						
Alig#33	JCS#33-37	October 26, 2015	F	October 27, 2015	P				
Alig#33	JCS#33-38	October 26, 2015	F	October 27, 2015	P				
Alig#33	JCS#33-39	October 26, 2015	F	October 27, 2015	P				
Alig#33	JCS#33-40	October 26, 2015	F	October 27, 2015	P				
Alig#33	JCS#33-41	October 26, 2015	P						
Alig#33	JCS#33-42	October 26, 2015	P						
Alig#33	JCS#33-43	October 26, 2015	P						
Alig#36	JCS#36-02	October 28, 2015	F						
Alig#36	JCS#36-03	October 28, 2015	P						



Align#	MH Name	Date First Inspection	Pass/ Fail	Date Second Inspection	Pass/ Fail	Date Third Inspection	Pass/ Fail	Date Fourth Inspection	Pass/ Fail
Alig#37	JCS#37-01	October 28, 2015	P						
Alig#37	JCS#37-07	October 28, 2015	P						
Alig#38	JCS#38-02	October 28, 2015	F	October 29, 2015	P				
Alig#39	JCS#39-04	September 12, 2015	F	September 13, 2015	F	October 31, 2015	P		
Alig#39	JCS#39-08	October 31, 2015	F						
Alig#39	JCS#39-09	October 31, 2015	P						
Alig#40	JCS#40-07	October 31, 2015	P						
Alig#40	JCS#40-08	October 31, 2015	P						
Alig#40	JCS#40-12	September 20, 2015	F	October 31, 2015	P				
Alig#40	JCS#40-14	September 20, 2015	F	October 31, 2015	P				
Alig#40	JCS#40-15	October 31, 2015	P						
Alig#40	JCS#40-17	October 31, 2015	P						
Alig#40	JCS#40-18	September 12, 2015	F	September 13, 2015	F	October 31, 2015	P		
Alig#40	JCS#40-19	September 10, 2015	F	September 12, 2015	F	September 13, 2015	F	October 31, 2015	P
Alig#40	JCS#40-21	October 31, 2015	P						
Alig#40	JCS#40-23	October 31, 2015							
Alig#40	JCS#40-24	September 10, 2015	F	October 31, 2015	F				
Alig#40	JCS#40-25	October 31, 2015	P						
Alig#42	JCS#42-01	October 24, 2015	F						
Alig#42	JCS#42-02	October 24, 2015	P						
Alig#42	JCS#42-03	October 24, 2015	P						
Alig#42	JCS#42-04	August 29, 2015	F	October 24, 2015	P				
Alig#42	JCS#42-05	August 29, 2015	F	October 24, 2015	P				
Alig#42	JCS#42-06	October 24, 2015	F	October 25, 2015	P				
Alig#42	JCS#42-07	October 24, 2015	P						
Alig#42	JCS#42-08	October 24, 2015	P						
Alig#42	JCS#42-09	August 29, 2015	F	October 24, 2015	P				
Alig#42	JCS#42-10	October 24, 2015	P						



Align#	MH Name	Date First Inspection	Pass/ Fail	Date Second Inspection	Pass/ Fail	Date Third Inspection	Pass/ Fail	Date Fourth Inspection	Pass/ Fail
Alig#42	JCS#42-11	October 24, 2015	P						
Alig#43	JCS# 1	October 27, 2015	P						
Alig#43	JCS# 2	October 20, 2015	P						
Alig#43	JCS#3	October 20, 2015	P						
Alig#43	JCS#4	October 20, 2015	P						
Alig#43	JCS#5	October 27, 2015	P						
Alig#43	JCS#6	October 20, 2015	P						
Alig#43	JCS#9	October 20, 2015	P						
Alig#43	JCS#10	October 20, 2015	F	October 28, 2015	P				
Alig#43	JCS#11	October 20, 2015	P						
Alig#43	JCS#12	October 20, 2015	P						
Alig#43	JCS#13	October 20, 2015	P						
Alig#43	JCS#14	October 19, 2015	P						
Alig#43	JCS#15	October 19, 2015	F	October 20, 2015	P				
Alig#43	JCS#16	October 19, 2015	P						
Alig#43	JCS#17	October 19, 2015	P						
Alig#43	JCS#18	October 19, 2015	F	October 20, 2015	P				
Alig#43	JCS#19	October 20, 2015	P						
Alig#43	JCS#20	October 19, 2015	P						
Alig#43	JCS#21	October 19, 2015	P						
Alig#44	JCS#44-12	October 29, 2015	P						
Alig#44	JCS#44-13	October 29, 2015	P						
Alig#44	JCS#44-14	October 29, 2015	F	October 29, 2015	F	October 31, 2015	P		
Alig#44	JCS#44-16	October 29, 2015	P						
Alig#44	JCS#44-23	October 29, 2015	P						
Alig#45	JCS#45-02	September 14, 2015	F	October 29, 2015	P				
Alig#45	JCS#45-03	October 29, 2015	F						
Alig#45	JCS#45-04	September 14, 2015	F	October 29, 2015	P				



Align#	MH Name	Date First Inspection	Pass/ Fail	Date Second Inspection	Pass/ Fail	Date Third Inspection	Pass/ Fail	Date Fourth Inspection	Pass/ Fail
Alig#45	JCS#45-06	October 29, 2015	P						
Alig#45	JCS#45-07	October 29, 2015	P						
Alig#45	JCS#45-08	October 29, 2015	F	October 31, 2015	P				
Alig#46	JCS#46-11	October 29, 2015	P						
Alig#47	JCS#47-1	September 16, 2015	F	September 17, 2015	F	October 29, 2015	P		
Alig#47	JCS#47-1-1	October 29, 2015	P						
Alig#49	JCS#49-02	October 29, 2015	P						
Alig#49	JCS#49-03	October 29, 2015	P						
Alig#49	JCS#49-06	October 29, 2015	P						
Alig#49	JCS#49-08	October 29, 2015	P						
Alig#49	JCS#49-09	October 29, 2016	P						
Alig#49	JCS#49-11	October 28, 2015	F						
Alig#49	JCS#49-12	October 28, 2015	F	October 29, 2015	P				
Alig#49	JCS#49-13	October 28, 2015	P						
Alig#49	JCS#49-14	October 28, 2015	F						
Alig#49	JCS#49-15	October 28, 2015	P						
Alig#49	JCS#49-16	October 28, 2015	F						
Alig#49	JCS#49-18	October 28, 2015	P						
Alig#51	JCS#51-02	October 3, 2015	P						
Alig#51	JCS#51-04	October 3, 2015	P						
Alig#51	JCS#51-05	October 3, 2015	P						
Alig#51	JCS#51-06	October 3, 2015	P						
Alig#51	JCS#51-07	October 3, 2015	P						
Alig#51	JCS#51-08	October 3, 2015	F						
Alig#51	JCS#51-09	October 3, 2015	P						
Alig#51	JCS#51-10	November 1, 2015	P						
Alig#52	JCS#52-15	October 3, 2015	P						
Alig#52	JCS#52-17	October 3, 2015	F						

Align#	MH Name	Date First Inspection	Pass/ Fail	Date Second Inspection	Pass/ Fail	Date Third Inspection	Pass/ Fail	Date Fourth Inspection	Pass/ Fail
Alig#53	JCS#53-02	October 3, 2015	P						
Alig#54	JCS#01	October 18, 2015	F	October 19, 2015	F	October 24, 2015	P		
Alig#54	JCS#02	October 18, 2015	P						
Alig#54	JCS#03	October 18, 2015	P						
Alig#54	JCS#04	October 19, 2015	F	October 24, 2015	P				
Alig#54	JCS#05	October 18, 2015	P						
Alig#54	JCS#08	October 18, 2015	P						
Alig#54	JCS#09	October 18, 2015	P						
Alig#54	JCS#54-11	October 18, 2015	F	October 22, 2015	P				
Alig#54	JCS#54-12	October 18, 2015	P						

13. Planned Activities for Next Month

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

- 13.1. Continue and complete works for internal coating for main manholes and connection pits.
- 13.2. Continue and complete works in internal drop manholes.
- 13.3. Continue works in exfiltration test for main manholes.
- 13.4. Start and complete installation works for cast iron covers locks.
- 13.5. Start and complete works of reinforced concrete protections.
- 13.6. Start connection pits repair and random exfiltration test.
- 13.7. Start working on punch list items.
- 13.8. Supply and install the Permanent Project Sign.
- 13.9. Project handover.

14. Indicator No. 01–Number of people in target areas with improved access to sanitation facilities as a result of USG assistance

- 14.1. The number of men in target areas with improved access to sanitation facilities as a result of USG assistance = 2775.
- 14.2. The number of women in target areas with improved access to sanitation facilities as a result of USG assistance = 2667.
- 14.3. The number of urban target areas with improved access to sanitation facilities as a result of USG assistance = to be provided later.
- 14.4. The number of rural target areas with improved access to sanitation facilities as a result of USG assistance = to be provided later.

15. Indicator No. 02: Generated Persons – Days of Employment:

Target value = 12,000 Man – Days.

Employment generated previously = 11014 Man – Days, segregated to 145 Female – Days and 10869 Male – Days.

Employment generated this reporting period = 733 Man – Days, segregated to 45 Female – Days and 688 Male – Days.

Total cumulative employment generated to date = 11747 Man – Days, segregated to 190 Female – Days and 11557 Male – Days.

All information is based on the daily reports and meets the five quality standards.

All information is up to date and accurate. For details, please refer Annex - H.

16. Working / Non – Working Days

During this reporting period, five non–working days occurred; all of them were official holidays (Fridays). The below table summarizes the cumulative working and non – working days occurred up to now:

Month	No. of WD	No. of Non WD
November, 2014	19	4
December, 2014	27	4
January, 2015	24	7
February, 2015	23	5
March, 2015	27	4
April, 2015	26	4
May, 2015	27	4
June, 2015	26	4
July, 2015	22	9
August, 2015	24	7
September, 2015	22	8
October, 2015	26	5
Total	293	65

17. Site Memos

No site memos were issued from CMC to contractor; one site memos were submitted from contractor to CMC – for more details, please refer to Annex D.

18. Inspection Requests

Several inspection requests were issued during the reporting period – for more details, please refer to Annex E.

19. Quality Control and Test Results

The QC plan was submitted and approved during February 2015. An updated QC plan for February were submitted during August and returned with action C, an update for the other months will be prepared and submitted to CMC for acceptance during the next reporting period. The plan includes the proposed quality control program that should be followed during the remaining 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.

On site, several QC tests were conducted to second layer of asphalt restoration, overlay asphalt layer, FDT for both subgrade and sub base layers for all Roads and others. for more details- please refer to the below testing table:

Testing:

The following table summarizes all the tests conducted on the site during this reporting period:

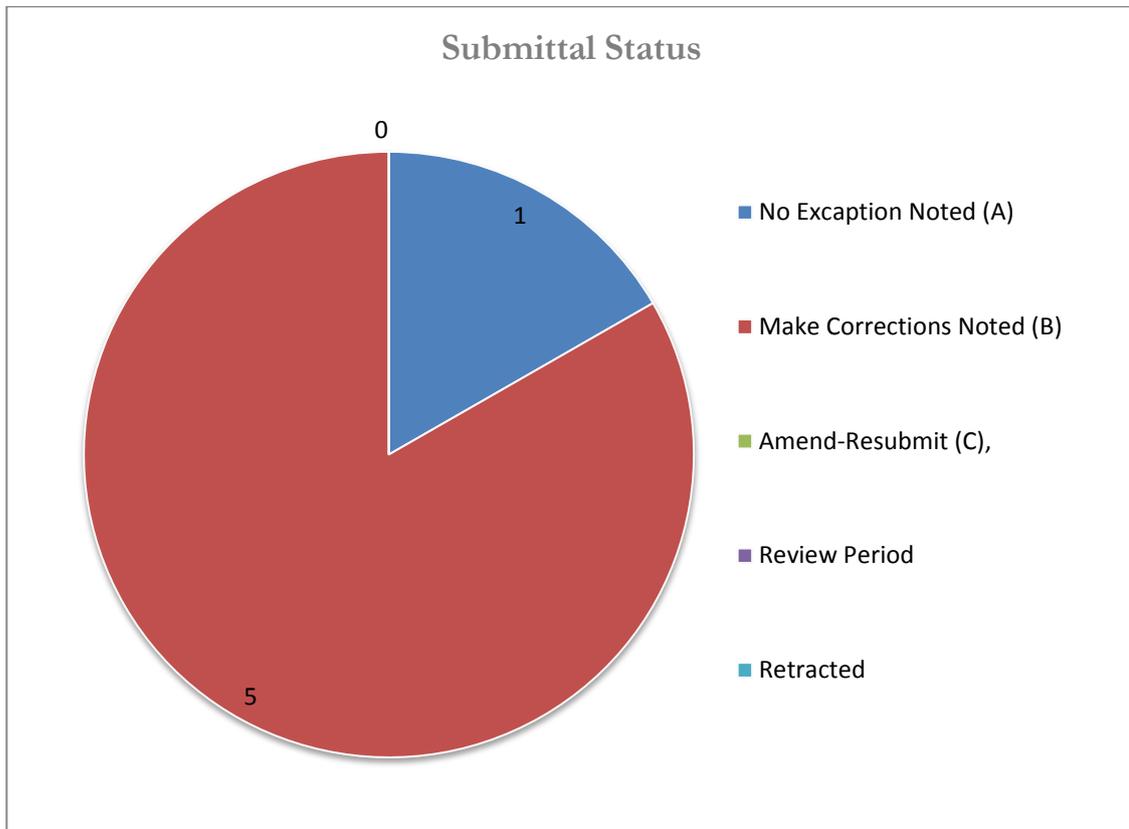
Test Reports Log				
QC Submittal Number	QC Submittal Description	Submitted Date	Response Date	Status
TEST-14-00004-JCSI-018C	Proctor and FDT for AL 12,17& 18 Report#(ST/FD/15154), (ST/FD/15155), (ST/FD/15186), (ST/FD/15194), (ST/FD/15195).	28-Oct-15	Under Review	
TEST-14-00004-JCSI-082B	Test Report - Bituminous Paving Thickness and Compaction for Alignments # 15,16,09,10,12 Report # (AS/COR/15110)	28-Oct-15	Under Review	
TEST-14-00004-JCSI-085B	Test Report - Bituminous Paving Thickness and Compaction for Alignments # 17,04 Report # (AS/COR/15114)	28-Oct-15	Under Review	
TEST-14-00004-JCSI-100A	Asphalt Mix-Alignments # 32,37,46,48,49 ,Qandeel Report # (AS/TBM/15324)	14-Oct-15	18-Oct-15	C
TEST-14-00004-JCSI-101A	Asphalt Mix-Road A, B, K, G Qandeel Report # (AS/TBM/15325)	25-Oct-15	18-Oct-15	C
TEST-14-00004-JCSI-101B	Asphalt Mix-Road A, B, K, G Qandeel Report # (AS/TBM/15349)	25-Oct-15	Under Review	
TEST-14-00004-JCSI-102A	Test Report - Bituminous Paving Thickness and Compaction Roads A, B, K, G Report # (AS/COR/15152)	14-Oct-15	18-Oct-15	C
TEST-14-00004-JCSI-103A	Asphalt Mix/Alignments # 36, 38, 39, 40 Qandeel Report # (AS/TBM/15335)	14-Oct-15	18-Oct-15	C
TEST-14-00004-JCSI-104A	Asphalt Mix/Alignments # 40, 55 Qandeel Report # (AS/TBM/15336)	14-Oct-15	18-Oct-15	C
TEST-14-00004-JCSI-105A	Asphalt Mix/Alignments # 44, 45, 46, 47 Qandeel Report # (AS/TBM/15337)	14-Oct-15	18-Oct-15	C

TEST-14-00004-JCSI-106A	Test Report - Bituminous Paving Thickness and Compaction for Alignments # 22, 31, 32, 36, 38,39,40,42,44,45,46,47,49,55,37,48 Report # (AS/COR/15154)	19-Oct-15	19-Oct-15	C
TEST-14-00004-JCSI-106B	Test Report - Bituminous Paving Thickness and Compaction for Alignments # 22, 31, 32, 36, 38,39,40,42,44,45,46,47,49,55,37,48 Report # (AS/COR/15157)	25-Oct-15	Under Review	
TEST-14-00004-JCSI-107A	Test Report - Bituminous Paving Thickness and Compaction (Overlay) for Alignments # 22,38,39,40,42,44,45,46,47,49,55,37, 48-Report # (AS/COR/15153)	19-Oct-15	19-Oct-15	C
TEST-14-00004-JCSI-107B	Test Report - Bituminous Paving Thickness and Compaction (Overlay) for Alignments # 22,38,39,40,42,44,45,46,47,49,55,37, 48-Report # (AS/COR/15153)	28-Oct-15	Under Review	
TEST-14-00004-JCSI-108A	Asphalt Mix/ Alignment # 01,03,51,52,53 – Qandeel Report # (AS/TBM/15265)	20-Oct-15	Under Review	
TEST-14-00004-JCSI-109A	Asphalt Mix/ Alignment # 04,17 / Qandeel Report # (AS/TBM/15267)	20-Oct-15	Under Review	
TEST-14-00004-JCSI-110A	Asphalt Mix/ Alignment # 22,31,42 – Qandeel Report # (AS/TBM/15244)	20-Oct-15	Under Review	
TEST-14-00004-JCSI-111A	Asphalt Mix/ Alignment # 33 – Qandeel Report # (AS/TBM/15266)	22-Oct-15	Under Review	
TEST-14-00004-JCSI-112A	Asphalt Mix/ Alignment # 46,47,49 – Qandeel Report # (AS/TBM/15159)	28-Oct-15	Under Review	
TEST-14-00004-JCSI-113A	Asphalt Mix/ Alignment # 44,55,38 – Qandeel Report # (AS/TBM/15142)	28-Oct-15	Under Review	
TEST-14-00004-JCSI-114A	Proctor and FDT for Alignment 09 Report # (ST / 15154) ,(ST /FD/ 15187)	28-Oct-15	Under Review	
TEST-14-00004-JCSI-115A	Asphalt Mix/ Alignment # 32,44,46 & 48 – Qandeel Report # (AS/TBM/15173)	29-Oct-15	Under Review	
* Note: A: No Exceptions Noted, B: Make Corrections Noted, C: Amend Resubmit, D: Rejected Resubmit, E: Review Not Required.				

20. Submittals

During the current reporting six submittals were prepared and submitted to the CMC for review and approval. The following chart summarizes the status of submittals during the reporting period .for more details refer to Annex F.

Submittal Response	
No Exceptions Noted - A	1
Make Corrections Noted- B	5
Amend-Resubmit - C	0
Rejected-Resubmit - D	0
Review Not Required - E	0
Retracted - R	0
Under Review	0
Grand Total	6



21. Request for Information

Two of Request for Information responses were issued during the reporting period – For more details, please refer to Annex G.

22. Transmittals

S/No.	Code	Description	Submitting Date
TRS.004.C-E-211	NCR-14-00004-JCSI-001	✓ Manhole's Repair Material	October 01, 2015
TRS.004.C-E-212	SM-14-00004-JCSI-C-E-009	✓ Defect of Asphalt Layer at Alignment no.8	October 04, 2015
TRS.004.C-E-213	RFI-14-00004-JCSI-C-E-009 SUB-14-00004-JCSI-143 SUB-14-00004-JCSI-144	✓ New asphalted Roads and Alignments Shoulders and Sidewalk ✓ Revised CPM Schedule as per Approved VO 01,VO 02, and VO 03 ✓ Training Course Manual for Volvo Truck (Arabic & English)	October 06, 2015
TRS.004.C-E-214	SUB-14-00004-JCSI-142	✓ Safety Plan Program Monthly Update May 2015	October 08, 2015
TRS.004.C-E-215	SUB-14-00004-JCSI-144	✓ Operation and Maintenance Out Line	October 11, 2015
TRS.004.C-E-216	VOR-14-00004-JCSI-C-E-008	✓ New asphalted Roads and Alignments Shoulders and Sidewalk	October 12, 2015
TRS.004.C-E-217	SUB-14-00004-JCSI-145	✓ Permanent Project Signs	October 13, 2015
TRS.004.C-E-218	TEST-14-00004-JCSI-100 TEST-14-00004-JCSI-101 TEST-14-00004-JCSI-102 TEST-14-00004-JCSI-103 TEST-14-00004-JCSI-104 TEST-14-00004-JCSI-105	✓ Asphalt Mix/ Alignment # 32,37,46,48,49 – Qandeel Report # (AS/TBM/15324) ✓ Test Report - Bituminous Paving Thickness and Compaction Roads A, B , K, G Report # (AS/COR/15152) ✓ Asphalt Mix/ Roads A, B, K , G Qandeel Report # (AS/TBM/15325) ✓ Asphalt Mix/ Alignment # 36,38,39,40 – Qandeel Report # (AS/TBM/15335) ✓ Asphalt Mix/ Alignment # 40,55 – Qandeel Report # (AS/TBM/15336) ✓ Asphalt Mix/ Alignment # 44,45,46,47 – Qandeel Report # (AS/TBM/15337)	October 14, 2015
TRS.004.C-E-219	TEST-14-00004-JCSI-106 TEST-14-00004-JCSI-107	✓ Test Report - Bituminous Paving Thickness and Compaction for Alignments # 22,31,32,36,38,39,40,42,44,45,46,47,49,55,37,48 Report # (AS/COR/15154) ✓ Test Report - Bituminous Paving Thickness and Compaction (Overlay) for Alignments # 22,38,39,40,42,44,45,46,47,49,55,37,48 Report # (AS/COR/15153)	October 19, 2015
TRS.004.C-E-220	TEST-14-00004-JCSI-108 TEST-14-00004-JCSI-109 TEST-14-00004-JCSI-110	✓ Asphalt Mix/ Alignment # 01,03,51,52,53 – Qandeel Report # (AS/TBM/15265) ✓ Asphalt Mix/ Alignment # 04,07 – Qandeel Report # (AS/TBM/15267) ✓ Asphalt Mix/ Alignment # 22,31,42 – Qandeel Report #	October 20, 2015

	VOR-14-00004-JCSI-C-E-009	(AS/TBM/15244) ✓ Permanent Project Signs	
TRS.004.C-E-221	TEST-14-00004-JCSI-111	✓ Asphalt Mix/ Alignment # 33 – Qandeel Report # (AS/TBM/15266)	October 22, 2015
TRS.004.C-E-222	TEST-14-00004-JCSI-101 TEST-14-00004-JCSI-106	✓ Asphalt Mix/ Roads A, B, K, G – Qandeel Report # (AS/TBM/15349) ✓ Test Report - Bituminous Paving Thickness and Compaction for Alignments # 22,31,32,36,38,39,40,42,44,45,46,47,49,55,37,48 Report # (AS/COR/15157)	October 25, 2015
TRS.004.C-E-223	SUB-14-00004-JCSI-146	✓ Shop drawing Concrete Protection	October 27, 2015
TRS.004.C-E-224	VOR-14-00004-JCSI-006 RFI-14-00004-JCSI-010 TEST-14-00004-JCSI-18C TEST-14-00004-JCSI-082 TEST-14-00004-JCSI-085 TEST-14-00004-JCSI-107 TEST-14-00004-JCSI-112 TEST-14-00004-JCSI-113 TEST-14-00004-JCSI-114	✓ Material submittal no. 14-00004-JCSI- Submittal #037C- Jet-Vac Tanker Truck – Cost Saving ✓ Connection Pits Works ✓ Proctor and FDT for AL 12,17,18 Test Report – ✓ Bituminous Paving Thickness and Compaction Alignments # 15,16,09,10,12 Report # (AS/COR/15110) ✓ Test Report - Bituminous Paving Thickness and Compaction for Alignments # 17,04 Report # (AS/COR/15114) ✓ Test Report - Bituminous Paving Thickness and Compaction (Overlay) for Alignments # 22,38,39,40,42,44,45,46,47,49,55,37,48 Report # (AS/COR/15153) ✓ Asphalt Mix/ Alignment # 32,37,46,48,49 – Qandeel Report # (AS/TBM/15350) ✓ Asphalt Mix/ Alignment # 36,38,39 – Qandeel Report # (AS/TBM/15351) ✓ Asphalt Mix/ Alignment # 40,55 – Qandeel Report # (AS/TBM/15352)	October 28, 2015
TRS.004.C-E-225	TEST-14-00004-JCSI-115	✓ Asphalt Mix/ Alignment # 32,44,46 & 48 – Qandeel Report # (AS/TBM/15173)	October 29, 2015

23. Payments

No payments were issued during this reporting period –For more details, please refer to Annex I.

24. Variation Orders

One variation order was issued during this reporting period – For more details, please refer to Annex K.

25. Variation Order Requests

Three variation orders were reported during this reporting period– For more details, please refer to Annex L.

26. Obstacles and Challenges

The project is totally new in nature and scope, accordingly it's a big challenge for Morganti to execute such project, also the nature of Jericho and the surrounding area is different than other areas in the West Bank.

During this reporting period, certain difficulties in engineers and other workers movement was observed as a result of the current bad situation.

Morganti will do its best in completing the project in safe conditions and in good quality.

27. Project Photos



Figure (1): Applying Traffic Plan at Alignment No. 16



Figure (2): Asphalt Milling at Alignment No. 16



Figure (3): Ventilations System for Internal Lining



Figure (4): Asphalt Core Test at Alignment No.13



Figure (5): Asphalt Works at Alignment No. 46



Figure (6): Air Pressure Test at Road B



Figure (7): Internal Lining for Necks of Main Manholes at Alignment No.33



Figure (8): Block Wall Repairing and Plastering at Alignment # 07



Figure (9): Preparations for Asphalt Works at Alignment # 22



Figure (10): Core Test for Asphalt Layer at Road B



Figure (11): Asphalt Works at Alignments #29



Figure (12): RC Spreading at Alignment # 15



Figure (13): Water Exfiltration Test for Main Sewer Manholes at Alignment #17



Figure (14): Epoxy Painting for Internal Face of Main Manholes Covers at Alignment #51



Figure (15): Flushing of Main Manholes at Alignment #17



Figure (16): Flushing of Connection Pits at Alignment #08



Figure (17): Core Test for 2nd Layer Asphalt and Trench Restoration at Alignment #04



Figure (18): Water Exfiltration Test for Main Sewer Manholes at Alignment #40



Annexes

Annex A

Material- Equipment Receiving Log

Materials Delivered on Site:

Date	Material Delivered to Site	Quantity
Month : October, 2015		
October 1, 2015	None	None
October 2, 2015	None	None
October 3, 2015	Asphalt 3/4"	330 ton
October 4, 2015	Asphalt 3/4"	450 ton
October 5, 2015	Asphalt 3/4"	645 ton
	Base Course	150 ton
October 6, 2015	None	None
October 7, 2015	None	None
October 8, 2015	Asphalt 3/4"	150 ton
October 9, 2015	None	None
October 10, 2015	None	None
October 11, 2015	None	None
October 12, 2015	Ready Mix Concrete B250	9 m3
	Asphalt 3/4"	140 ton
October 13, 2015	Concrete	5 m3
October 14, 2015	Nitomortar TC 2000	160
	Nitomortar HB	40
October 15, 2015	Concrete	4 m3
October 16, 2015	None	None
October 17, 2015	Concrete	2 m3
October 18, 2015	Concrete	2 m3
October 19, 2015	Concrete	4 m3
October 20, 2015	Concrete	3 m3
October 21, 2015	None	None
October 22, 2015	None	None
October 23, 2015	None	None
October 24, 2015	None	None
October 25, 2015	None	None
October 26, 2015	Concrete	3 m3
October 27, 2015	Concrete	3 m3
October 28, 2015	Concrete	3 m3
	Nitomortar TC 2000	60
October 29, 2015	None	None
October 30, 2015	None	None
October 31, 2015	None	None

Equipment on Site:

Description	Quantity	Hours	Idle	Date
Cat 950 H / 2008	0	0	0	October 1, 2015
JCB 3CX / 2008	0	0	0	October 1, 2015
JCB Cat 428 E / 2011	0	0	0	October 1, 2015
Truck Volvo Tipper / 2005	0	0	0	October 1, 2015
Truck Volvo / 2002	0	0	0	October 1, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 1, 2015
GPS, Trimble R-8	0	0	1	October 1, 2015
Level	0	0	1	October 1, 2015
Saw Cut Machine	0	0	0	October 1, 2015
Pneumatic Roller	0	0	0	October 1, 2015
Steel Roller	0	0	0	October 1, 2015
Asphalt Milling Machine	1	8	0	October 1, 2015
Asphalt Finisher	0	0	0	October 1, 2015
Bobcat	1	8	0	October 1, 2015
Water Tank 4 m3	1	4	0	October 1, 2015
Plate Compactor	0	0	0	October 1, 2015
Generator 3KVA	0	0	2	October 1, 2015
Tower Light	0	0	1	October 1, 2015
Cat 950 H / 2008	0	0	0	October 2, 2015
JCB 3CX / 2008	0	0	0	October 2, 2015
JCB Cat 428 E / 2011	0	0	0	October 2, 2015
Truck Volvo Tipper / 2005	0	0	0	October 2, 2015
Truck Volvo / 2002	0	0	0	October 2, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 2, 2015
GPS, Trimble R-8	0	0	1	October 2, 2015
Level	0	0	1	October 2, 2015
Grader	0	0	0	October 2, 2015
Roller 25 ton	0	0	0	October 2, 2015
Saw Cut Machine	0	0	0	October 2, 2015
Pneumatic Roller	0	0	0	October 2, 2015
Steel Roller	0	0	0	October 2, 2015
Asphalt Milling Machine	0	0	0	October 2, 2015
Asphalt Finisher	0	0	0	October 2, 2015
Bobcat	0	0	0	October 2, 2015
Water Tank 4 m3	0	0	0	October 2, 2015
Plate Compactor	0	0	0	October 2, 2015
Generator 3KVA	0	0	2	October 2, 2015
Tower Light	0	0	1	October 2, 2015
Cat 950 H / 2008	0	0	0	October 3, 2015
JCB 3CX / 2008	0	0	0	October 3, 2015
JCB Cat 428 E / 2011	0	0	0	October 3, 2015

Description	Quantity	Hours	Idle	Date
Truck Volvo Tipper / 2005	10	1	0	October 3, 2015
Truck Volvo / 2002	0	0	0	October 3, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 3, 2015
GPS, Trimble R-8	0	0	1	October 3, 2015
Level	0	0	1	October 3, 2015
Grader	0	0	0	October 3, 2015
Roller 25 ton	0	0	0	October 3, 2015
Saw Cut Machine	0	0	0	October 3, 2015
Pneumatic Roller	1	5	0	October 3, 2015
Steel Roller	1	5	0	October 3, 2015
Asphalt Milling Machine	1	8	0	October 3, 2015
Asphalt Finisher	1	5	0	October 3, 2015
Bobcat	1	8	0	October 3, 2015
Water Tank 4 m3	1	4	0	October 3, 2015
Plate Compactor	0	0	0	October 3, 2015
Generator 3KVA	0	0	2	October 3, 2015
Tower Light	0	0	1	October 3, 2015
Cat 950 H / 2008	0	0	0	October 4, 2015
JCB 3CX / 2008	0	0	0	October 4, 2015
JCB Cat 428 E / 2011	0	0	0	October 4, 2015
Truck Volvo Tipper / 2005	10	1	0	October 4, 2015
Truck Volvo / 2002	0	0	0	October 4, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 4, 2015
GPS, Trimble R-8	0	0	1	October 4, 2015
Level	0	0	1	October 4, 2015
Grader	0	0	0	October 4, 2015
Roller 25 ton	0	0	0	October 4, 2015
Saw Cut Machine	0	0	0	October 4, 2015
Pneumatic Roller	1	8	0	October 4, 2015
Steel Roller	1	8	0	October 4, 2015
Asphalt Milling Machine	1	8	0	October 4, 2015
Asphalt Finisher	1	8	0	October 4, 2015
Bobcat	2	8	0	October 4, 2015
Water Tank 4 m3	1	4	0	October 4, 2015
Plate Compactor	0	0	0	October 4, 2015
Generator 3KVA	0	0	2	October 4, 2015
Tower Light	0	0	1	October 4, 2015
Cat 950 H / 2008	0	0	0	October 5, 2015
JCB 3CX / 2008	0	0	0	October 5, 2015
JCB Cat 428 E / 2011	1	8	0	October 5, 2015
Truck Volvo Tipper / 2005	20	1	0	October 5, 2015
Truck Volvo / 2002	0	0	0	October 5, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 5, 2015

Description	Quantity	Hours	Idle	Date
GPS, Trimble R-8	1	5	0	October 5, 2015
Level	0	0	1	October 5, 2015
Grader	0	0	0	October 5, 2015
Roller 25 ton	0	0	0	October 5, 2015
Saw Cut Machine	0	0	0	October 5, 2015
Pneumatic Roller	1	8	0	October 5, 2015
Steel Roller	1	8	0	October 5, 2015
Asphalt Milling Machine	0	0	0	October 5, 2015
Asphalt Finisher	1	8	0	October 5, 2015
Bobcat	1	8	0	October 5, 2015
Water Tank 4 m3	1	8	0	October 5, 2015
Plate Compactor	0	0	0	October 5, 2015
Generator 3KVA	0	0	2	October 5, 2015
Tower Light	0	0	1	October 5, 2015
Cat 950 H / 2008	0	0	0	October 6, 2015
JCB 3CX / 2008	0	0	0	October 6, 2015
JCB Cat 428 E / 2011	1	8	0	October 6, 2015
Truck Volvo Tipper / 2005	0	0	0	October 6, 2015
Truck Volvo / 2002	0	0	0	October 6, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 6, 2015
GPS, Trimble R-8	1	2	0	October 6, 2015
Level	0	0	1	October 6, 2015
Grader	0	0	0	October 6, 2015
Roller 25 ton	0	0	0	October 6, 2015
Saw Cut Machine	0	0	0	October 6, 2015
Pneumatic Roller	0	0	0	October 6, 2015
Steel Roller	0	0	0	October 6, 2015
Asphalt Milling Machine	0	0	0	October 6, 2015
Asphalt Finisher	0	0	0	October 6, 2015
Bobcat	0	0	0	October 6, 2015
Water Tank 4 m3	0	0	0	October 6, 2015
Plate Compactor	0	0	0	October 6, 2015
Generator 3KVA	0	0	2	October 6, 2015
Tower Light	0	0	1	October 6, 2015
Cat 950 H / 2008	0	0	0	October 7, 2015
JCB 3CX / 2008	0	0	0	October 7, 2015
JCB Cat 428 E / 2011	0	0	0	October 7, 2015
Truck Volvo Tipper / 2005	0	0	0	October 7, 2015
Truck Volvo / 2002	0	0	0	October 7, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 7, 2015
GPS, Trimble R-8	1	2	0	October 7, 2015
Level	0	0	1	October 7, 2015
Grader	0	0	0	October 7, 2015

Description	Quantity	Hours	Idle	Date
Roller 25 ton	0	0	0	October 7, 2015
Saw Cut Machine	0	0	0	October 7, 2015
Pneumatic Roller	0	0	0	October 7, 2015
Steel Roller	0	0	0	October 7, 2015
Asphalt Milling Machine	0	0	0	October 7, 2015
Asphalt Finisher	0	0	0	October 7, 2015
Bobcat	0	0	0	October 7, 2015
Water Tank 4 m3	0	0	0	October 7, 2015
Plate Compactor	0	0	0	October 7, 2015
Generator 3KVA	0	0	2	October 7, 2015
Tower Light	0	0	1	October 7, 2015
Cat 950 H / 2008	0	0	0	October 8, 2015
JCB 3CX / 2008	0	0	0	October 8, 2015
JCB Cat 428 E / 2011	0	0	0	October 8, 2015
Truck Volvo Tipper / 2005	4	1.5	0	October 8, 2015
Truck Volvo / 2002	0	0	0	October 8, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 8, 2015
GPS, Trimble R-8	0	0	1	October 8, 2015
Level	0	0	1	October 8, 2015
Grader	0	0	0	October 8, 2015
Roller 25 ton	0	0	0	October 8, 2015
Saw Cut Machine	0	0	0	October 8, 2015
Pneumatic Roller	1	8	0	October 8, 2015
Steel Roller	1	8	0	October 8, 2015
Asphalt Milling Machine	0	0	0	October 8, 2015
Asphalt Finisher	1	8	0	October 8, 2015
Bobcat	1	8	0	October 8, 2015
Water Tank 4 m3	1	8	0	October 8, 2015
Plate Compactor	0	0	0	October 8, 2015
Generator 3KVA	0	0	2	October 8, 2015
Tower Light	0	0	1	October 8, 2015
Cat 950 H / 2008	0	0	0	October 9, 2015
JCB 3CX / 2008	0	0	0	October 9, 2015
JCB Cat 428 E / 2011	0	0	0	August 9, 2015
Truck Volvo Tipper / 2005	0	0	0	August 9, 2015
Truck Volvo / 2002	0	0	0	August 9, 2015
Wheel Excavator/Doosan / 2014	0	0	0	August 9, 2015
GPS, Trimble R-8	0	0	1	August 9, 2015
Level	0	0	1	August 9, 2015
Grader	0	0	0	August 9, 2015
Roller 25 ton	0	0	0	August 9, 2015
Saw Cut Machine	0	0	0	August 9, 2015
Pneumatic Roller	0	0	0	August 9, 2015

Description	Quantity	Hours	Idle	Date
Steel Roller	0	0	0	August 9, 2015
Asphalt Milling Machine	0	0	1	August 9, 2015
Asphalt Finisher	0	0	0	August 9, 2015
Bobcat	0	0	0	August 9, 2015
Water Tank 4 m3	0	0	0	August 9, 2015
Plate Compactor	0	0	0	August 9, 2015
Generator 3KVA	0	0	2	August 9, 2015
Tower Light	0	0	1	August 9, 2015
Cat 950 H / 2008	0	0	0	October 10, 2015
JCB 3CX / 2008	0	0	0	October 10, 2015
JCB Cat 428 E / 2011	1	8	0	October 10, 2015
Truck Volvo Tipper / 2005	0	0	0	October 10, 2015
Truck Volvo / 2002	0	0	0	October 10, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 10, 2015
GPS, Trimble R-8	0	0	1	October 10, 2015
Level	0	0	1	October 10, 2015
Grader	0	0	0	October 10, 2015
Roller 25 ton	0	0	0	October 10, 2015
Saw Cut Machine	0	0	0	October 10, 2015
Pneumatic Roller	0	0	0	October 10, 2015
Steel Roller	0	0	0	October 10, 2015
Asphalt Milling Machine	0	0	0	October 10, 2015
Asphalt Finisher	0	0	0	October 10, 2015
Bobcat	0	0	0	October 10, 2015
Water Tank 4 m3	0	0	0	October 10, 2015
Plate Compactor	0	0	0	October 10, 2015
Generator 3KVA	0	0	2	October 10, 2015
Tower Light	0	0	1	October 10, 2015
Cat 950 H / 2008	0	0	0	October 11, 2015
JCB 3CX / 2008	0	0	0	October 11, 2015
JCB Cat 428 E / 2011	1	5	0	October 11, 2015
Truck Volvo Tipper / 2005	1	1	0	October 11, 2015
Truck Volvo / 2002	0	0	0	October 11, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 11, 2015
GPS, Trimble R-8	1	2	0	October 11, 2015
Level	0	0	1	October 11, 2015
Grader	0	0	0	October 11, 2015
Roller 25 ton	0	0	0	October 11, 2015
Saw Cut Machine	0	0	0	October 11, 2015
Pneumatic Roller	0	0	0	October 11, 2015
Steel Roller	0	0	0	October 11, 2015
Asphalt Milling Machine	0	0	0	October 11, 2015
Asphalt Finisher	0	0	0	October 11, 2015

Description	Quantity	Hours	Idle	Date
Bobcat	0	0	0	October 11, 2015
Water Tank 4 m3	0	0	0	October 11, 2015
Plate Compactor	0	0	0	October 11, 2015
Generator 3KVA	0	0	2	October 11, 2015
Tower Light	0	0	1	October 11, 2015
Cat 950 H / 2008	0	0	0	October 12, 2015
JCB 3CX / 2008	0	0	0	October 12, 2015
JCB Cat 428 E / 2011	1	8	0	October 12, 2015
Truck Volvo Tipper / 2005	4	2	0	October 12, 2015
Truck Volvo / 2002	0	0	0	October 12, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 12, 2015
GPS, Trimble R-8	1	1	0	October 12, 2015
Level	0	0	1	October 12, 2015
Grader	0	0	0	October 12, 2015
Roller 25 ton	0	0	0	October 12, 2015
Saw Cut Machine	0	0	0	October 12, 2015
Pneumatic Roller	1	8	0	October 12, 2015
Steel Roller	2	8	0	October 12, 2015
Asphalt Milling Machine	0	0	0	October 12, 2015
Asphalt Finisher	1	8	0	October 12, 2015
Bobcat	0	0	0	October 12, 2015
Water Tank 4 m3	1	3	0	October 12, 2015
Plate Compactor	0	0	0	October 12, 2015
Generator 3KVA	0	0	2	October 12, 2015
Tower Light	0	0	1	October 12, 2015
Cat 950 H / 2008	0	0	0	October 13, 2015
JCB 3CX / 2008	0	0	0	October 13, 2015
JCB Cat 428 E / 2011	0	0	0	October 13, 2015
Truck Volvo Tipper / 2005	0	0	0	October 13, 2015
Truck Volvo / 2002	0	0	0	October 13, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 13, 2015
GPS, Trimble R-8	0	0	0	October 13, 2015
Level	0	0	1	October 13, 2015
Grader	0	0	0	October 13, 2015
Roller 25 ton	0	0	0	October 13, 2015
Saw Cut Machine	0	0	1	October 13, 2015
Pneumatic Roller	0	0	0	October 13, 2015
Steel Roller	0	0	0	October 13, 2015
Asphalt Milling Machine	0	0	0	October 13, 2015
Asphalt Finisher	0	0	0	October 13, 2015
Bobcat	0	0	0	October 13, 2015
Water Tank 4 m3	0	0	0	October 13, 2015
Plate Compactor	0	0	0	October 13, 2015

Description	Quantity	Hours	Idle	Date
Generator 3KVA	0	0	2	October 13, 2015
Tower Light	0	0	1	October 13, 2015
Cat 950 H / 2008	0	0	0	October 14, 2015
JCB 3CX / 2008	0	0	0	October 14, 2015
JCB Cat 428 E / 2011	0	0	0	October 14, 2015
Truck Volvo Tipper / 2005	0	0	0	October 14, 2015
Truck Volvo / 2002	0	0	0	October 14, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 14, 2015
GPS, Trimble R-8	0	0	0	October 14, 2015
Level	0	0	1	October 14, 2015
Grader	0	0	0	October 14, 2015
Roller 25 ton	0	0	0	October 14, 2015
Saw Cut Machine	0	0	1	October 14, 2015
Pneumatic Roller	0	0	0	October 14, 2015
Steel Roller	0	0	0	October 14, 2015
Asphalt Milling Machine	0	0	0	October 14, 2015
Asphalt Finisher	0	0	0	October 14, 2015
Bobcat	0	0	0	October 14, 2015
Water Tank 4 m3	0	0	0	October 14, 2015
Plate Compactor	0	0	0	October 14, 2015
Generator 3KVA	0	0	2	October 14, 2015
Tower Light	0	0	1	October 14, 2015
Cat 950 H / 2008	0	0	0	October 15, 2015
JCB 3CX / 2008	0	0	0	October 15, 2015
JCB Cat 428 E / 2011	0	0	0	October 15, 2015
Truck Volvo Tipper / 2005	0	0	0	October 15, 2015
Truck Volvo / 2002	0	0	0	October 15, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 15, 2015
GPS, Trimble R-8	0	0	0	October 15, 2015
Level	0	0	1	October 15, 2015
Grader	0	0	0	October 15, 2015
Roller 25 ton	0	0	0	October 15, 2015
Saw Cut Machine	0	0	0	October 15, 2015
Pneumatic Roller	0	0	0	October 15, 2015
Steel Roller	0	0	0	October 15, 2015
Asphalt Milling Machine	0	0	0	October 15, 2015
Asphalt Finisher	0	0	0	October 15, 2015
Bobcat	0	0	0	October 15, 2015
Water Tank 4 m3	0	0	0	October 15, 2015
Plate Compactor	0	0	0	October 15, 2015
Generator 3KVA	0	0	2	October 15, 2015
Tower Light	0	0	1	October 15, 2015
Cat 950 H / 2008	0	0	0	October 16, 2015

Description	Quantity	Hours	Idle	Date
JCB 3CX / 2008	0	0	0	October 16, 2015
JCB Cat 428 E / 2011	0	0	0	October 16, 2015
Truck Volvo Tipper / 2005	0	0	0	October 16, 2015
Truck Volvo / 2002	0	0	0	October 16, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 16, 2015
GPS, Trimble R-8	0	0	0	October 16, 2015
Level	0	0	1	October 16, 2015
Grader	0	0	0	October 16, 2015
Roller 25 ton	0	0	0	October 16, 2015
Saw Cut Machine	0	0	0	October 16, 2015
Jack Hammer	0	0	0	October 16, 2015
Steel Roller	0	0	0	October 16, 2015
Asphalt Milling Machine	0	0	0	October 16, 2015
Asphalt Finisher	0	0	0	October 16, 2015
Bobcat	0	0	0	October 16, 2015
Water Tank 4 m3	0	0	0	October 16, 2015
Plate Compactor	0	0	0	October 16, 2015
Generator 3KVA	0	0	2	October 16, 2015
Tower Light	0	0	1	October 16, 2015
Cat 950 H / 2008	0	0	0	October 17, 2015
JCB 3CX / 2008	0	0	0	October 17, 2015
JCB Cat 428 E / 2011	0	0	0	October 17, 2015
Truck Volvo Tipper / 2005	0	0	0	October 17, 2015
Truck Volvo / 2002	0	0	0	October 17, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 17, 2015
GPS, Trimble R-8	0	0	0	October 17, 2015
Level	0	0	1	October 17, 2015
Grader	0	0	0	October 17, 2015
Roller 25 ton	0	0	0	October 17, 2015
Saw Cut Machine	0	0	0	October 17, 2015
Pneumatic Roller	0	0	0	October 17, 2015
Steel Roller	0	0	0	October 17, 2015
Asphalt Milling Machine	0	0	0	October 17, 2015
Asphalt Finisher	0	0	0	October 17, 2015
Bobcat	0	0	0	October 17, 2015
Water Tank 4 m3	1	4	0	October 17, 2015
Plate Compactor	0	0	0	October 17, 2015
Generator 3KVA	0	0	2	October 17, 2015
Tower Light	0	0	1	October 17, 2015
Cat 950 H / 2008	0	0	0	October 18, 2015
JCB 3CX / 2008	0	0	0	October 18, 2015
JCB Cat 428 E / 2011	0	0	0	October 18, 2015
Truck Volvo Tipper / 2005	0	0	0	October 18, 2015

Description	Quantity	Hours	Idle	Date
Truck Volvo / 2002	0	0	0	October 18, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 18, 2015
GPS, Trimble R-8	0	0	0	October 18, 2015
Level	0	0	1	October 18, 2015
Grader	0	0	0	October 18, 2015
Roller 25 ton	0	0	0	October 18, 2015
Saw Cut Machine	0	0	0	October 18, 2015
Jack Hammer	0	0	0	October 18, 2015
Steel Roller	0	0	0	October 18, 2015
Asphalt Milling Machine	0	0	0	October 18, 2015
Asphalt Finisher	0	0	0	October 18, 2015
Bobcat	0	0	0	October 18, 2015
Water Tank 4 m3	1	10	0	October 18, 2015
Plate Compactor	0	0	0	October 18, 2015
Generator 3KVA	0	0	2	October 18, 2015
Tower Light	0	0	1	October 18, 2015
Cat 950 H / 2008	0	0	0	October 19, 2015
JCB 3CX / 2008	0	0	0	October 19, 2015
JCB Cat 428 E / 2011	0	0	0	October 19, 2015
Truck Volvo Tipper / 2005	0	0	0	October 19, 2015
Truck Volvo / 2002	0	0	0	October 19, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 19, 2015
GPS, Trimble R-8	0	0	0	October 19, 2015
Level	0	0	1	October 19, 2015
Grader	0	0	0	October 19, 2015
Roller 25 ton	0	0	0	October 19, 2015
Saw Cut Machine	0	0	0	October 19, 2015
Pneumatic Roller	0	0	0	October 19, 2015
Steel Roller	0	0	0	October 19, 2015
Asphalt Milling Machine	0	0	0	October 19, 2015
Asphalt Finisher	0	0	0	October 19, 2015
Bobcat	0	0	0	October 19, 2015
Water Tank 4 m3	1	5	0	October 19, 2015
Plate Compactor	0	0	0	October 19, 2015
Generator 3KVA	0	0	2	October 19, 2015
Tower Light	0	0	1	October 19, 2015
Cat 950 H / 2008	0	0	0	October 20, 2015
JCB 3CX / 2008	0	0	0	October 20, 2015
JCB Cat 428 E / 2011	0	0	0	October 20, 2015
Truck Volvo Tipper / 2005	0	0	0	October 20, 2015
Truck Volvo / 2002	0	0	0	October 20, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 20, 2015
GPS, Trimble R-8	0	0	0	October 20, 2015

Description	Quantity	Hours	Idle	Date
Level	0	0	1	October 20, 2015
Grader	0	0	0	October 20, 2015
Roller 25 ton	0	0	0	October 20, 2015
Saw Cut Machine	0	0	0	October 20, 2015
Pneumatic Roller	0	0	0	October 20, 2015
Steel Roller	0	0	0	October 20, 2015
Asphalt Milling Machine	0	0	0	October 20, 2015
Asphalt Finisher	0	0	0	October 20, 2015
Bobcat	0	0	0	October 20, 2015
Water Tank 4 m3	1	8	0	October 20, 2015
Plate Compactor	0	0	0	October 20, 2015
Generator 3KVA	0	0	2	October 20, 2015
Tower Light	0	0	1	October 20, 2015
Cat 950 H / 2008	0	0	0	October 21, 2015
JCB 3CX / 2008	0	0	0	October 21, 2015
JCB Cat 428 E / 2011	0	0	0	October 21, 2015
Truck Volvo Tipper / 2005	0	0	0	October 21, 2015
Truck Volvo / 2002	0	0	0	October 21, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 21, 2015
GPS, Trimble R-8	0	0	0	October 21, 2015
Level	0	0	1	October 21, 2015
Grader	0	0	0	October 21, 2015
Roller 25 ton	0	0	0	October 21, 2015
Saw Cut Machine	0	0	0	October 21, 2015
Pneumatic Roller	0	0	0	October 21, 2015
Steel Roller	0	0	0	October 21, 2015
Asphalt Milling Machine	0	0	0	October 21, 2015
Asphalt Finisher	0	0	0	October 21, 2015
Bobcat	0	0	0	October 21, 2015
Water Tank 4 m3	1	8	0	October 21, 2015
Plate Compactor	0	0	0	October 21, 2015
Generator 3KVA	0	0	2	October 21, 2015
Tower Light	0	0	1	October 21, 2015
Cat 950 H / 2008	0	0	0	October 22, 2015
JCB 3CX / 2008	0	0	0	October 22, 2015
JCB Cat 428 E / 2011	0	0	0	October 22, 2015
Truck Volvo Tipper / 2005	0	0	0	October 22, 2015
Truck Volvo / 2002	0	0	0	October 22, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 22, 2015
GPS, Trimble R-8	0	0	0	October 22, 2015
Level	0	0	1	October 22, 2015
Grader	0	0	0	October 22, 2015
Roller 25 ton	0	0	0	October 22, 2015

Description	Quantity	Hours	Idle	Date
Saw Cut Machine	0	0	0	October 22, 2015
Pneumatic Roller	0	0	0	October 22, 2015
Steel Roller	0	0	0	October 22, 2015
Asphalt Milling Machine	0	0	0	October 22, 2015
Asphalt Finisher	0	0	0	October 22, 2015
Bobcat	0	0	0	October 22, 2015
Water Tank 4 m3	1	8	0	October 22, 2015
Plate Compactor	0	0	0	October 22, 2015
Generator 3KVA	0	0	2	October 22, 2015
Tower Light	0	0	1	October 22, 2015
Cat 950 H / 2008	0	0	0	October 23, 2015
JCB 3CX / 2008	0	0	0	October 23, 2015
JCB Cat 428 E / 2011	0	0	1	October 23, 2015
Truck Volvo Tipper / 2005	0	0	0	October 23, 2015
Truck Volvo / 2002	0	0	0	October 23, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 23, 2015
GPS, Trimble R-8	0	0	1	October 23, 2015
Level	0	0	2	October 23, 2015
Grader	0	0	1	October 23, 2015
Roller 25 ton	0	0	0	October 23, 2015
Saw Cut Machine	0	0	1	October 23, 2015
Pneumatic Roller	0	0	0	October 23, 2015
Steel Roller	0	0	1	October 23, 2015
Asphalt Milling Machine	0	0	0	October 23, 2015
Asphalt Finisher	0	0	0	October 23, 2015
Bobcat	0	0	0	October 23, 2015
Water Tank 4 m3	0	0	0	October 23, 2015
Plate Compactor	0	0	0	October 23, 2015
Generator 3KVA	0	0	2	October 23, 2015
Tower Light	0	0	1	October 23, 2015
Jet / Vacuum Truck	1	8	0	October 24, 2015
JCB 3CX / 2008	0	0	0	October 24, 2015
JCB Cat 428 E / 2011	0	0	0	October 24, 2015
Truck Volvo Tipper / 2005	0	0	0	October 24, 2015
Truck Volvo / 2002	0	0	0	October 24, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 24, 2015
GPS, Trimble R-8	0	0	0	October 24, 2015
Level	0	0	1	October 24, 2015
Grader	0	0	0	October 24, 2015
Roller 25 ton	0	0	0	October 24, 2015
Saw Cut Machine	0	0	0	October 24, 2015
Pneumatic Roller	0	0	0	October 24, 2015
Steel Roller	0	0	0	October 24, 2015

Description	Quantity	Hours	Idle	Date
Asphalt Milling Machine	0	0	0	October 24, 2015
Asphalt Finisher	0	0	0	October 24, 2015
Bobcat	0	0	0	October 24, 2015
Water Tank 4 m3	1	8	0	October 24, 2015
Plate Compactor	0	0	0	October 24, 2015
Generator 3KVA	0	0	2	October 24, 2015
Tower Light	0	0	1	October 24, 2015
Jet / Vacuum Truck	1	8	0	October 25, 2015
JCB 3CX / 2008	0	0	0	October 25, 2015
JCB Cat 428 E / 2011	0	0	0	October 25, 2015
Truck Volvo Tipper / 2005	0	0	0	October 25, 2015
Truck Volvo / 2002	0	0	0	October 25, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 25, 2015
GPS, Trimble R-8	0	0	0	October 25, 2015
Level	0	0	1	October 25, 2015
Grader	0	0	0	October 25, 2015
Roller 25 ton	0	0	0	October 25, 2015
Saw Cut Machine	0	0	0	October 25, 2015
Pneumatic Roller	0	0	0	October 25, 2015
Steel Roller	0	0	0	October 25, 2015
Asphalt Milling Machine	0	0	0	October 25, 2015
Asphalt Finisher	0	0	0	October 25, 2015
Bobcat	0	0	0	October 25, 2015
Water Tank 4 m3	1	5	0	October 25, 2015
Plate Compactor	0	0	0	October 25, 2015
Generator 3KVA	0	0	2	October 25, 2015
Tower Light	0	0	1	October 25, 2015
Jet / Vacuum Truck	1	8	0	October 26, 2015
JCB 3CX / 2008	0	0	0	October 26, 2015
JCB Cat 428 E / 2011	0	0	0	October 26, 2015
Truck Volvo Tipper / 2005	0	0	0	October 26, 2015
Truck Volvo / 2002	0	0	0	October 26, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 26, 2015
GPS, Trimble R-8	0	0	0	October 26, 2015
Level	0	0	1	October 26, 2015
Grader	0	0	0	October 26, 2015
Roller 25 ton	0	0	0	October 26, 2015
Saw Cut Machine	0	0	0	October 26, 2015
Pneumatic Roller	0	0	0	October 26, 2015
Steel Roller	0	0	0	October 26, 2015
Asphalt Milling Machine	0	0	0	October 26, 2015
Asphalt Finisher	0	0	0	October 26, 2015
Bobcat	0	0	0	October 26, 2015

Description	Quantity	Hours	Idle	Date
Water Tank 4 m3	1	8	0	October 26, 2015
Plate Compactor	0	0	0	October 26, 2015
Generator 3KVA	0	0	2	October 26, 2015
Tower Light	0	0	1	October 26, 2015
Jet / Vacuum Truck	1	8	0	October 27, 2015
JCB 3CX / 2008	0	0	0	October 27, 2015
JCB Cat 428 E / 2011	0	0	0	October 27, 2015
Truck Volvo Tipper / 2005	0	0	0	October 27, 2015
Truck Volvo / 2002	0	0	0	October 27, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 27, 2015
GPS, Trimble R-8	0	0	0	October 27, 2015
Level	0	0	1	October 27, 2015
Grader	0	0	0	October 27, 2015
Roller 25 ton	0	0	0	October 27, 2015
Saw Cut Machine	0	0	0	October 27, 2015
Pneumatic Roller	0	0	0	October 27, 2015
Steel Roller	0	0	0	October 27, 2015
Asphalt Milling Machine	0	0	0	October 27, 2015
Asphalt Finisher	0	0	0	October 27, 2015
Bobcat	0	0	0	October 27, 2015
Water Tank 4 m3	1	4	0	October 27, 2015
Plate Compactor	0	0	0	October 27, 2015
Generator 3KVA	0	0	2	October 27, 2015
Tower Light	0	0	1	October 27, 2015
Jet / Vacuum Truck	1	8	0	October 28, 2015
JCB 3CX / 2008	0	0	0	October 28, 2015
JCB Cat 428 E / 2011	0	0	0	October 28, 2015
Truck Volvo Tipper / 2005	0	0	0	October 28, 2015
Truck Volvo / 2002	0	0	0	October 28, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 28, 2015
GPS, Trimble R-8	0	0	0	October 28, 2015
Level	0	0	1	October 28, 2015
Grader	0	0	0	October 28, 2015
Roller 25 ton	0	0	0	October 28, 2015
Saw Cut Machine	0	0	1	October 28, 2015
Pneumatic Roller	0	0	0	October 28, 2015
Steel Roller	0	0	0	October 28, 2015
Asphalt Milling Machine	0	0	0	October 28, 2015
Asphalt Finisher	0	0	0	October 28, 2015
Bobcat	0	0	0	October 28, 2015
Water Tank 4 m3	1	4	0	October 28, 2015
Plate Compactor	0	0	0	October 28, 2015
Generator 3KVA	0	0	2	October 28, 2015
Tower Light	0	0	1	October 28, 2015
Jet / Vacuum Truck	1	8	0	October 29, 2015
JCB 3CX / 2008	0	0	0	October 29, 2015
JCB Cat 428 E / 2011	0	0	0	October 29, 2015
Truck Volvo Tipper / 2005	0	0	0	October 29, 2015
Truck Volvo / 2002	0	0	0	October 29, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 29, 2015

Description	Quantity	Hours	Idle	Date
GPS, Trimble R-8	0	0	0	October 29, 2015
Level	0	0	1	October 29, 2015
Grader	0	0	0	October 29, 2015
Roller 25 ton	0	0	0	October 29, 2015
Saw Cut Machine	0	0	0	October 29, 2015
Pneumatic Roller	0	0	0	October 29, 2015
Steel Roller	0	0	0	October 29, 2015
Asphalt Milling Machine	0	0	0	October 29, 2015
Asphalt Finisher	0	0	0	October 29, 2015
Bobcat	0	0	0	October 29, 2015
Water Tank 4 m3	1	5	0	October 29, 2015
Plate Compactor	0	0	0	October 29, 2015
Generator 3KVA	0	0	2	October 29, 2015
Tower Light	0	0	1	October 29, 2015
Jet / Vacuum Truck	0	0	0	October 30, 2015
JCB 3CX / 2008	0	0	0	October 30, 2015
JCB Cat 428 E / 2011	0	0	0	October 30, 2015
Truck Volvo Tipper / 2005	0	0	0	October 30, 2015
Truck Volvo / 2002	0	0	0	October 30, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 30, 2015
GPS, Trimble R-8	0	0	0	October 30, 2015
Level	0	0	0	October 30, 2015
Grader	0	0	0	October 30, 2015
Roller 25 ton	0	0	0	October 30, 2015
Saw Cut Machine	0	0	0	October 30, 2015
Pneumatic Roller	0	0	0	October 30, 2015
Steel Roller	0	0	0	October 30, 2015
Asphalt Milling Machine	0	0	0	October 30, 2015
Asphalt Finisher	0	0	0	October 30, 2015
Bobcat	0	0	0	October 30, 2015
Water Tank 4 m3	0	0	0	October 30, 2015
Plate Compactor	0	0	0	October 30, 2015
Generator 3KVA	0	0	2	October 30, 2015
Tower Light	0	0	1	October 30, 2015
Jet / Vacuum Truck	0	0	0	October 31, 2015
JCB 3CX / 2008	0	0	0	October 31, 2015
JCB Cat 428 E / 2011	0	0	0	October 31, 2015
Truck Volvo Tipper / 2005	0	0	0	October 31, 2015
Truck Volvo / 2002	0	0	0	October 31, 2015
Wheel Excavator/Doosan / 2014	0	0	0	October 31, 2015
GPS, Trimble R-8	0	0	0	October 31, 2015
Level	0	0	1	October 31, 2015
Grader	0	0	0	October 31, 2015
Roller 25 ton	0	0	0	October 31, 2015
Saw Cut Machine	0	0	1	October 31, 2015
Pneumatic Roller	0	0	0	October 31, 2015
Steel Roller	0	0	0	October 31, 2015
Asphalt Milling Machine	0	0	0	October 31, 2015
Asphalt Finisher	0	0	0	October 31, 2015
Bobcat	0	0	0	October 31, 2015



Description	Quantity	Hours	Idle	Date
Water Tank 4 m3	1	4	0	October 31, 2015
Plate Compactor	0	0	0	October 31, 2015
Generator 3KVA	0	0	2	October 31, 2015
Tower Light	0	0	1	October 31, 2015



Annex B

Detailed Project Schedule

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015												2016	
						Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
R04 - Revised CPM - Jericho Collection System Expansion – Phase 1A Branch Sewers						▼ 25-Nov-15, R04													
Milestones						▼ 25-Nov-15, Miles													
General Milestones						▼ 25-Nov-15, Gen													
JCSI-A-001	Notice to Proceed (NTP)	0.00	07-Nov-14			◆ Notice to Proceed (NTP)													
JCSI-A-002	Completion of Task Order	0.00		25-Nov-15*	0.00	◆ Completion of Ta													
Intermediate Milestones						▼ 25-Nov-15, Inter													
JCSI-IA-01	Start of Mobilization	0.00	07-Nov-14			◆ Start of Mobilization													
JCSI-IA-02	Finish of Mobilization	0.00		11-Jan-15 A		◆ Finish of Mobilization													
JCSI-IA-03	Start of Pre-Construction Submittals	0.00	08-Nov-14			◆ Start of Pre-Construction Subm...													
JCSI-IA-04	Finish of Pre-Construction Submittals	0.00		10-Mar-15 A		◆ Finish of Pre-Construction Sub...													
JCSI-IA-05	Start of Construction Submittals	0.00	18-Nov-14			◆ Start of Construction Submitta...													
JCSI-IA-06	Finish of Construction Submittals	0.00		26-Oct-15 A		◆ Finish of Construction													
JCSI-IA-16	Start of Construction (Ground Breaking)	0.00	05-Feb-15 A			◆ Start of Construction (Ground ...													
JCSI-IA-26	Finish of Construction	0.00		19-Nov-15	0.00	◆ Finish of Constru													
JCSI-IA-36	Issuance of VO 02	0.00	29-Jun-15 A			◆ Issuance of VO 02													
JCSI-IA-46	Issuance of VO 03	0.00	25-Aug-15			◆ Issuance of VO 03													
JCSI-IA-56	Issuance of VO 04	0.00	23-Oct-15 A			◆ Issuance of VO 04													
JCSI-MOB-21	Project Duration	330.00	07-Nov-14	25-Nov-15	0.00	Project Duration													
PreConstruction Phase						▼ 19-Mar-15 A, PreConstruction P...													
Mobilization						▼ 10-Mar-15 A, Mobilization													
JCSI-MOB-01	Pre-Construction Dilapidation Survey	6.00	08-Dec-14	10-Mar-15 A		Pre-Construction Dilapidation ...													
JCSI-MOB-02	Provide, furnish and erect Temporary Project Signs	5.00	25-Nov-14	05-Feb-15 A		Provide, furnish and erect Tem...													
JCSI-MOB-03	Supply and furnish Field Office Furniture and Miscellaneous	4.00	29-Nov-14	11-Jan-15 A		Supply and furnish Field Offic...													
JCSI-MOB-04	Supply and install Field Office Computer Systems and IT Equipments	7.00	29-Nov-14	11-Jan-15 A		Supply and install Field Offic...													
JCSI-MOB-05	Arrange for and erect Contractor's work and storage yards	17.00	08-Nov-14	11-Jan-15 A		Arrange for and erect Contract...													
JCSI-MOB-06	Moving onto the Sites of all Plant and equipments	3.00	08-Nov-14	11-Jan-15 A		Moving onto the Sites of all P...													
JCSI-MOB-07	Post OSHA-required notices and establish safety programs	3.00	25-Nov-14	11-Jan-15 A		Post OSHA-required notices and...													
JCSI-MOB-08	Installation of Temporary Facilities as per section 01500	3.00	29-Nov-14	11-Jan-15 A		Installation of Temporary Faci...													
JCSI-MOB-09	Survey work	15.00	08-Nov-14	11-Jan-15 A		Survey work													
JCSI-MOB-11	Mobilization summary	22.00	08-Nov-14	11-Jan-15 A		Mobilization summary													
PreConstruction Submittals						▼ 19-Mar-15 A, PreConstruction S...													
JCSI-PC-SUB-01	Preparation & Submit Copy of Bank Guarantee Certificates	2.00	12-Nov-14	13-Nov-14		Preparation & Submit Copy of B...													
JCSI-PC-SUB-01-R&A	Review & Approval of Bank Guarantee Certificates	21.00	13-Nov-14	19-Nov-14		Review & Approval of Bank Guar...													
JCSI-PC-SUB-02	Preparation & Submit Scheduling Qualification Submittal	4.00	08-Nov-14	13-Nov-14		Preparation & Submit Schedulin...													
JCSI-PC-SUB-02-R&A	Review & Approval of Scheduling Qualification Submittal	21.00	13-Nov-14	19-Nov-14		Review & Approval of Schedulin...													
JCSI-PC-SUB-03	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)	4.00	08-Nov-14	13-Nov-14		Preparation & Submit Prelimina...													
JCSI-PC-SUB-03-R&A	Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation)	21.00	13-Nov-14	20-Nov-14		Review & Approval of Prelimina...													
JCSI-PC-SUB-04	Preparation & Submit Submittals Schedule	8.00	08-Nov-14	17-Nov-14		Preparation & Submit Submittal...													
JCSI-PC-SUB-04-R&A	Review & Approval of Submittals Schedule	21.00	17-Nov-14	28-Nov-14		Review & Approval of Submittal...													
JCSI-PC-SUB-05	Preparation & Submit Key Staff	2.00	08-Nov-14	19-Jan-15 A		Preparation & Submit Key Staff													
JCSI-PC-SUB-05-R&A	Review & Approval of Key Staff	21.00	19-Jan-15 A	19-Jan-15 A		Review & Approval of Key Staff													
JCSI-PC-SUB-06	Preparation & Submit Project Temporary Signs	2.00	20-Nov-14	25-Nov-14		Preparation & Submit Project T...													
JCSI-PC-SUB-06-R&A	Review & Approval of Project Temporary Signs	10.00	25-Nov-14	03-Dec-14		Review & Approval of Project T...													
JCSI-PC-SUB-07	Preparation & Submit Engineer's Field Office Location and Layout	1.00	09-Nov-14	13-Nov-14		Preparation & Submit Engineer'...													
JCSI-PC-SUB-07-R&A	Review & Approval of Engineer's Field Office Location and Layout	6.00	13-Nov-14	20-Nov-14		Review & Approval of Engineer'...													
JCSI-PC-SUB-08	Preparation & Submit Field Office Furniture and Equipment Plan	2.00	11-Nov-14	13-Nov-14		Preparation & Submit Field Off...													
JCSI-PC-SUB-08-R&A	Review & Approval of Field Office Furniture and Equipment Plan	10.00	13-Nov-14	19-Nov-14		Review & Approval of Field Off...													
JCSI-PC-SUB-09	Preparation & Submit Field Office Computer Systems and Miscellaneous	2.00	09-Nov-14	13-Nov-14		Preparation & Submit Field Off...													
JCSI-PC-SUB-09-R&A	Review & Approval of Field Office Computer Systems and Miscellaneous	10.00	13-Nov-14	30-Nov-14		Review & Approval of Field Off...													

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015												2016				
						Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
JCSI-PC-SUB-10	Preparation & Submit Quality Control Plan	5.00	08-Nov-14	27-Nov-14																		
JCSI-PC-SUB-10-R&A	Review & Approval of Quality Control Plan	21.00	27-Nov-14	29-Dec-14																		
JCSI-PC-SUB-11	Preparation & Submit Safety Plan	5.00	08-Nov-14	07-Dec-14																		
JCSI-PC-SUB-11-R&A	Review & Approval of Safety Plan	21.00	07-Dec-14	04-Jan-15 A																		
JCSI-PC-SUB-12a	Preparation & Submit Traffic Control Plan	5.00	08-Nov-14	18-Dec-14																		
JCSI-PC-SUB-12a-R&A	Review & Approval of Traffic Control Plan	21.00	18-Dec-14	24-Dec-14																		
JCSI-PC-SUB-13	Preparation & Submit Environmental Monitoring and Mitigation Plan	3.00	08-Nov-14	07-Dec-14																		
JCSI-PC-SUB-13-R&A	Review & Approval of Environmental Monitoring and Mitigation Plan	21.00	07-Dec-14	31-Dec-14																		
JCSI-PC-SUB-14	Preparation & Submit General Construction Method Statement	5.00	08-Nov-14	09-Dec-14																		
JCSI-PC-SUB-14-R&A	Review & Approval of General Construction Method Statement	21.00	09-Dec-14	03-Feb-15 A																		
JCSI-PC-SUB-15	Preparation & Submit Original CPM Construction Schedule	17.00	16-Nov-14	11-Feb-15 A																		
JCSI-PC-SUB-15-R&A	Review & Approval of Original CPM Construction Schedule	21.00	17-Dec-14	26-Feb-15 A																		
JCSI-PC-SUB-16	Preparation & Submit Construction Risk Management Program	5.00	18-Nov-14	19-Mar-15 A																		
JCSI-PC-SUB-16-R&A	Review & Approval of Construction Risk Management Program	21.00	07-Dec-14	15-Jan-15 A																		
JCSI-PC-SUB-17	Preparation & Submit Dilapidation Survey	5.00	12-Nov-14	26-Feb-15 A																		
JCSI-PC-SUB-17-R&A	Review & Approval of Dilapidation Survey	21.00	17-Dec-14	10-Mar-15 A																		
JCSI-PC-SUB-19	Preparation & Submit Insurances	2.00	10-Nov-14	13-Nov-14																		
JCSI-PC-SUB-19-R&A	Review & Approval of Insurances	21.00	13-Nov-14	02-Dec-14																		
JCSI-PC-SUB-20	Preparation & Submit Lists of Permits and Licenses	5.00	08-Nov-14	17-Nov-14																		
JCSI-PC-SUB-20-R&A	Review & Approval of Lists of Permits and Licenses	21.00	17-Nov-14	19-Nov-14																		
JCSI-PC-SUB-21	Preparation & Submit Dump Site	5.00	08-Nov-14	24-Nov-14																		
JCSI-PC-SUB-21-R&A	Review & Approval of Lists of Dump Site	21.00	24-Nov-14	25-Nov-14																		
JCSI-PC-SUB-22	Preparation & Submit Storage Yard	4.00	01-Dec-14	07-Dec-14																		
JCSI-PC-SUB-22-R&A	Review & Approval of Storage Yard	21.00	07-Dec-14	09-Dec-14																		
JCSI-PC-SUB-23	Preparation & Submit Trench Safety Plan	3.00	13-Nov-14	21-Dec-14																		
JCSI-PC-SUB-23-R&A	Review & Approval of Trench Safety Plan	21.00	21-Dec-14	31-Dec-14																		
JCSI-PC-SUB-24	Preparation & Submit Testing Lab CV	4.00	13-Nov-14	19-Nov-14																		
JCSI-PC-SUB-24-R&A	Review & Approval of Testing Lab CV	21.00	19-Nov-14	09-Dec-14																		
Coordination and Permits		10.00	09-Nov-14	04-Jan-15 A																		
JCSI-COR-01	Receive Final for Construction Drawings	1.00	09-Nov-14	09-Nov-14																		
JCSI-COR-03	Coordination with Local authorities and obtain required permits for start of construction	10.00	09-Nov-14	04-Jan-15 A																		
Construction Phase		325.63	16-Nov-14	19-Nov-15	5.00																	
Construction Submittals		178.88	16-Nov-14	26-Oct-15 A																		
Shopdrawing submittals		155.00	17-Nov-14	08-Jun-15 A																		
Sewer Pipeline Shopdrawing Submittals		152.00	17-Nov-14	17-May-15																		
JCSI-CS-01	Prep. & Sub. Shop drawing for Alignment - 01	4.00	17-Nov-14	14-Jan-15 A																		
JCSI-CS-01 R&A	Review & Approval of Shop drawing for Alignment - 01	21.00	28-Dec-14	18-Jan-15 A																		
JCSI-CS-02	Prep. & Sub. Shop drawing for Alignment - 02	4.00	17-Nov-14	21-Jan-15 A																		
JCSI-CS-02 R&A	Review & Approval of Shop drawing for Alignment - 02	21.00	14-Jan-15 A	21-Jan-15 A																		
JCSI-CS-03	Prep. & Sub. Shop drawing for Alignment - 03	4.00	17-Nov-14	22-Jan-15 A																		
JCSI-CS-03 R&A	Review & Approval of Shop drawing for Alignment - 03	21.00	11-Jan-15 A	27-Jan-15 A																		
JCSI-CS-04	Prep. & Sub. Shop drawing for Alignment - 04	4.00	22-Nov-14	22-Jan-15 A																		
JCSI-CS-04 R&A	Review & Approval of Shop drawing for Alignment - 04	21.00	11-Jan-15 A	27-Jan-15 A																		
JCSI-CS-05	Prep. & Sub. Shop drawing for Alignment - 05, 06, 07	4.00	29-Nov-14	11-Feb-15 A																		
JCSI-CS-05 R&A	Review & Approval of Shop drawing for Alignment - 05, 06, 07	21.00	27-Jan-15 A	12-Feb-15 A																		
JCSI-CS-08	Prep. & Sub. Shop drawing for Alignment - 08, 16	3.00	24-Dec-14	02-Mar-15 A																		
JCSI-CS-08 R&A	Review & Approval of Shop drawing for Alignment - 08, 16	21.00	05-Feb-15 A	03-Mar-15 A																		
JCSI-CS-09	Prep. & Sub. Shop drawing for Alignment - 09, 10, 12	6.00	29-Dec-14	12-Mar-15 A																		
JCSI-CS-09 R&A	Review & Approval of Shop drawing for Alignment - 09, 10, 12	21.00	01-Feb-15 A	16-Mar-15 A																		

■ Actual Work
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015												2016				
						Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
JCSI-E-1020	AH-12 Excavation, bedding, installation and backfilling, BC of 6" House Connection and Connection Pits	1.00	08-Apr-15 A	09-Apr-15 A																		
JCSI-E-1025	AM-12 Manhole Benching	3.00	11-Apr-15 A	08-Jun-15 A																		
JCSI-E-1030	AM-12 Manhole Internal Lining	4.00	22-May-15	01-Nov-15	14.00																	
JCSI-E-1031	AM-12 Construction of Manholes and Connection Pits	2.00	31-Mar-15 A	09-Apr-15 A																		
JCSI-E-1045	AM-12 Manhole opening and cover	2.00	03-May-15	07-May-15																		
JCSI-E-1046	AM-12 Trench Asphalt Restoration for 8" pipes and 6" house Connection Pipes	2.00	15-Apr-15 A	08-Jul-15 A																		
JCSI-E-2765	AM-12 Manholes and Connection Pits Finishing and Leakage Testing	2.00	11-Apr-15 A	02-Nov-15	14.20																	
Alignment - 16		136.53	04-Apr-15 A	26-Oct-15 A																		
JCSI-E-1155	AL-16 Excavation, bedding, install and backfilling, BC of 8" pipes and Manholes include Break into Existing	3.00	04-Apr-15 A	06-Apr-15 A																		
JCSI-E-1165	AH-16 Excavation, bedding, installation and backfilling, BC of 6" House Connection and Connection Pits	4.00	15-Apr-15 A	16-Apr-15 A																		
JCSI-E-1175	AM-16 Manhole Benching	5.00	16-May-15	09-Jun-15 A																		
JCSI-E-1185	AM-16 Manhole Internal Lining	6.00	20-May-15	26-Oct-15 A																		
JCSI-E-1186	AM-16 Construction of Manholes and Connection Pits	4.00	04-Apr-15 A	16-Apr-15 A																		
JCSI-E-1195	AM-16 Manhole opening and cover	4.00	10-May-15	10-May-15																		
JCSI-E-2485	AM-16 Trench Asphalt Restoration for 8" pipes and 6" house Connection Pipes	2.00	18-Apr-15 A	12-Oct-15 A																		
JCSI-E-2775	AM-16 Manholes and Connection Pits Finishing and Leakage Testing	4.00	16-May-15	26-Oct-15 A																		
Alignment - 17		159.63	15-Mar-15 A	21-Oct-15 A																		
JCSI-E-1200	AL-17 Excavation, bedding, install and backfilling, BC of 8" pipes and Manholes include Break into Existing	7.00	15-Mar-15 A	19-Mar-15 A																		
JCSI-E-1205	AH-17 Excavation, bedding, installation and backfilling, BC of 6" House Connection and Connection Pits	6.00	05-Apr-15 A	08-Apr-15 A																		
JCSI-E-1210	AM-17 Manhole Benching	8.00	14-Apr-15 A	26-May-15																		
JCSI-E-1215	AM-17 Manhole Internal Lining	10.00	24-May-15	21-Oct-15 A																		
JCSI-E-1216	AM-17 Construction of Manholes and Connection Pits	8.00	15-Mar-15 A	08-Apr-15 A																		
JCSI-E-1220	AM-17 Manhole opening and cover	6.00	03-May-15	06-May-15																		
JCSI-E-2490	AM-17 Trench Asphalt Restoration for 8" pipes and 6" house Connection Pipes	4.00	16-Apr-15 A	28-Jul-15 A																		
JCSI-E-2785	AM-17 Manholes and Connection Pits Finishing and Leakage Testing	8.00	14-Apr-15 A	21-Oct-15 A																		
Alignment - 18		162.63	19-Mar-15 A	25-Oct-15 A																		
JCSI-E-1225	AL-18 Excavation, bedding, installation and backfilling, BC of 8" pipes and Precast Manholes	5.00	19-Mar-15 A	23-Mar-15 A																		
JCSI-E-1230	AH-18 Excavation, bedding, installation and backfilling, BC of 6" House Connection and Connection Pits	8.00	08-Apr-15 A	13-Apr-15 A																		
JCSI-E-1235	AM-18 Manhole Benching	8.00	15-Apr-15 A	25-May-15																		
JCSI-E-1240	AM-18 Manhole Internal Lining	10.00	24-May-15	25-Oct-15 A																		
JCSI-E-1241	AM-18 Construction of Manholes and Connection Pits	8.00	19-Mar-15 A	13-Apr-15 A																		
JCSI-E-1245	AM-18 Manhole opening and cover	7.00	05-May-15	05-May-15																		
JCSI-E-2495	AM-18 Trench Asphalt Restoration for 8" pipes and 6" house Connection Pipes	4.00	16-Apr-15 A	28-Jul-15 A																		
JCSI-E-2795	AM-18 Manholes and Connection Pits Finishing and Leakage Testing	8.00	15-Apr-15 A	25-Oct-15 A																		
Alignment - 19		152.63	24-Mar-15 A	25-Oct-15 A																		
JCSI-E-1250	AL-19 Excavation, bedding, installation and backfilling, BC of 8" pipes and Precast Manholes	1.00	24-Mar-15 A	24-Mar-15 A																		
JCSI-E-1255	AH-19 Excavation, bedding, installation and backfilling, BC of 6" House Connection and Connection Pits	1.00	07-Apr-15 A	08-Apr-15 A																		
JCSI-E-1260	AM-19 Manhole Benching	2.00	14-Apr-15 A	18-Aug-15																		
JCSI-E-1265	AM-19 Manhole Internal Lining	2.00	26-Sep-15	25-Oct-15 A																		
JCSI-E-1266	AM-19 Construction of Manholes and Connection Pits	2.00	24-Mar-15 A	08-Apr-15 A																		
JCSI-E-1270	AM-19 Manhole opening and cover	1.00	02-Sep-15	28-Sep-15																		
JCSI-E-2805	AM-19 Manholes and Connection Pits Finishing and Leakage Testing	2.00	14-Apr-15 A	25-Oct-15 A																		
Road B		102.63	18-May-15	21-Sep-15																		
JCSI-E-2070	R-B Excavation and preparation of Subgrade	2.00	18-May-15	08-Aug-15																		
JCSI-E-2075	R-B Construction of Sub Base Course Layer , including testing	6.00	10-Aug-15	12-Aug-15																		
JCSI-E-2080	R-B Construction of Base Course Layer 150 mm thick Class A, including testing	6.00	23-Aug-15	26-Aug-15																		
JCSI-E-2085	B- Supplying, spreading and compacting 70 mm thick bituminous wearing course, including MC	2.00	21-Sep-15	21-Sep-15																		
Alignment - 21		136.63	16-Mar-15 A	24-Oct-15 A																		
JCSI-E-1275	AL-21 Excavation, bedding, installation and backfilling, BC of 8" pipes and Precast Manholes	1.00	16-Mar-15 A	16-Mar-15 A																		

█ Actual Work
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015												2016	
						Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
R04 - Revised CPM - Jericho Collection System Expansion – Phase 1A Branch Sewers						▼ 25-Nov-15, R04 -													
Milestones						▼ 25-Nov-15, Miles													
General Milestones						▼ 25-Nov-15, Gene													
JCSI-A-002	Completion of Task Order	0.00	25-Nov-15	25-Nov-15	0.00	◆ Completion of Ta													
Intermediate Milestones						▼ 25-Nov-15, Interr													
JCSI-IA-26	Finish of Construction	0.00	19-Nov-15	19-Nov-15	0.00	◆ Finish of Construct													
JCSI-MOB-21	Project Duration	330.00	07-Nov-14	25-Nov-15	0.00	Project Duration													
Construction Phase						▼ 19-Nov-15, Constr													
Procurement						▼ 12-Nov-15, Procure													
JCSI-PRO-35	Delivery of Combination Jet/Vacuum Sewer Maintenance Truck	20.00	20-Oct-15 A	12-Nov-15	1.00	■ Delivery of Combina													
Execution						▼ 19-Nov-15, Execul													
Phase One						▼ 07-Nov-15, Phase O													
Alignment - 04						▼ 02-Nov-15, Alignment													
JCSI-E-2280	AM-04 Manhole Internal Lining	4.00	12-May-15	01-Nov-15	14.56	AM-04 Manhole Interr													
JCSI-E-2655	AM-04 Manholes and Connection Pits Finishing and Leakage Testing	4.00	23-Mar-15 A	02-Nov-15	14.56	AM-04 Manholes and													
Alignment - 06						▼ 07-Nov-15, Alignmen													
JCSI-E-2340	AM-06 Manhole Internal Lining	10.00	14-May-15	01-Nov-15	10.24	AM-06 Manhole Interr													
JCSI-E-2675	AM-06 Manholes and Connection Pits Finishing and Leakage Testing	8.00	30-Mar-15 A	07-Nov-15	10.24	AM-06 Manholes and													
Alignment - 07						▼ 02-Nov-15, Alignment													
JCSI-E-2375	AM-07 Manhole Internal Lining	9.00	16-May-15	01-Nov-15	14.00	AM-07 Manhole Interr													
JCSI-E-2685	AM-07 Manholes and Connection Pits Finishing and Leakage Testing	8.00	01-Apr-15 A	02-Nov-15	14.00	AM-07 Manholes and													
Alignment - 43						▼ 02-Nov-15, Alignment													
JCSI-E-1970	AM-43 Manhole Internal Lining	15.00	17-May-15	02-Nov-15	14.30	AM-43 Manhole Interr													
JCSI-E-2715	AM-43 Manholes and Connection Pits Finishing and Leakage Testing	10.00	04-Apr-15 A	02-Nov-15	14.30	AM-43 Manholes and													
Alignment - 54						▼ 01-Nov-15, Alignment													
JCSI-E-2000	AM-54 Manhole Internal Lining	7.00	17-May-15	01-Nov-15	14.30	AM-54 Manhole Interr													
JCSI-E-2725	AM-54 Manholes and Connection Pits Finishing and Leakage Testing	4.00	01-Apr-15 A	01-Nov-15	15.00	AM-54 Manholes and													
Phase Two						▼ 03-Nov-15, Phase Tw													
Alignment - 08						▼ 01-Nov-15, Alignment													
JCSI-E-2400	AM-08 Manhole Internal Lining	7.00	22-May-15	01-Nov-15	13.32	AM-08 Manhole Interr													
JCSI-E-2735	AM-08 Manholes and Connection Pits Finishing and Leakage Testing	4.00	07-Apr-15 A	01-Nov-15	15.28	AM-08 Manholes and													
Alignment - 10						▼ 03-Nov-15, Alignment													
JCSI-E-2460	AM-10 Manhole Internal Lining	4.00	12-Aug-15	01-Nov-15	13.32	AM-10 Manhole Interr													
JCSI-E-2755	AM-10 Manholes and Connection Pits Finishing and Leakage Testing	4.00	07-Jun-15 A	03-Nov-15	13.32	AM-10 Manholes and													
Alignment - 12						▼ 02-Nov-15, Alignment													
JCSI-E-1030	AM-12 Manhole Internal Lining	4.00	22-May-15	01-Nov-15	14.00	AM-12 Manhole Interr													
JCSI-E-2765	AM-12 Manholes and Connection Pits Finishing and Leakage Testing	2.00	11-Apr-15 A	02-Nov-15	14.20	AM-12 Manholes and													
Phase Three						▼ 09-Nov-15, Phase T													
JCSI-E-1080	Maintain Traffic Control Plan and Safety plan - Phase Three	90.63	06-Apr-15 A	01-Nov-15	15.00	Maintain Traffic Contrc													
Alignment - 32						▼ 01-Nov-15, Alignment													
JCSI-E-2535	AM-32 Trench Asphalt Restoration for 8" pipes and 6" house Connection Pipes	1.00	01-Jun-15 A	01-Nov-15	15.00	AM-32 Trench Asphalt													
JCSI-E-2895	AM-32 Manholes and Connection Pits Finishing and Leakage Testing	2.00	31-May-15	01-Nov-15	15.00	AM-32 Manholes and													
Alignment - 37						▼ 01-Nov-15, Alignment													
JCSI-E-2550	AM-37 Trench Asphalt Restoration for 8" pipes and 6" house Connection Pipes	2.00	06-Jun-15 A	01-Nov-15	15.00	AM-37 Trench Asphalt													
Alignment - 38						▼ 03-Nov-15, Alignment													
JCSI-E-2925	AM-38 Manholes and Connection Pits Finishing and Leakage Testing	4.00	03-May-15	03-Nov-15	13.60	AM-38 Manholes and													
Alignment - 39						▼ 02-Nov-15, Alignment													
JCSI-E-2935	AM-39 Manholes and Connection Pits Finishing and Leakage Testing	4.00	29-Apr-15 A	02-Nov-15	14.20	AM-39 Manholes and													
Alignment - 40						▼ 08-Nov-15, Alignmer													

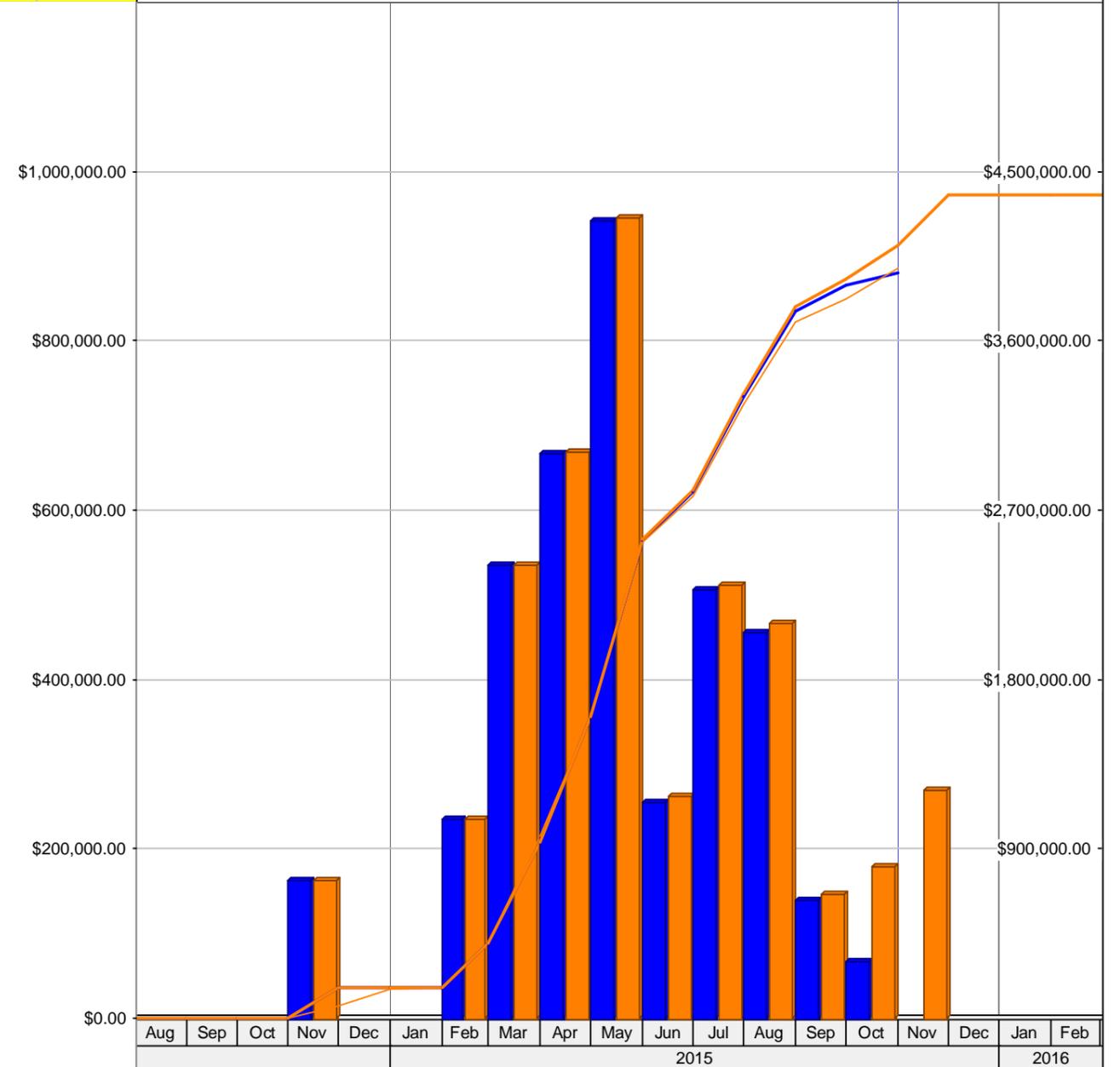
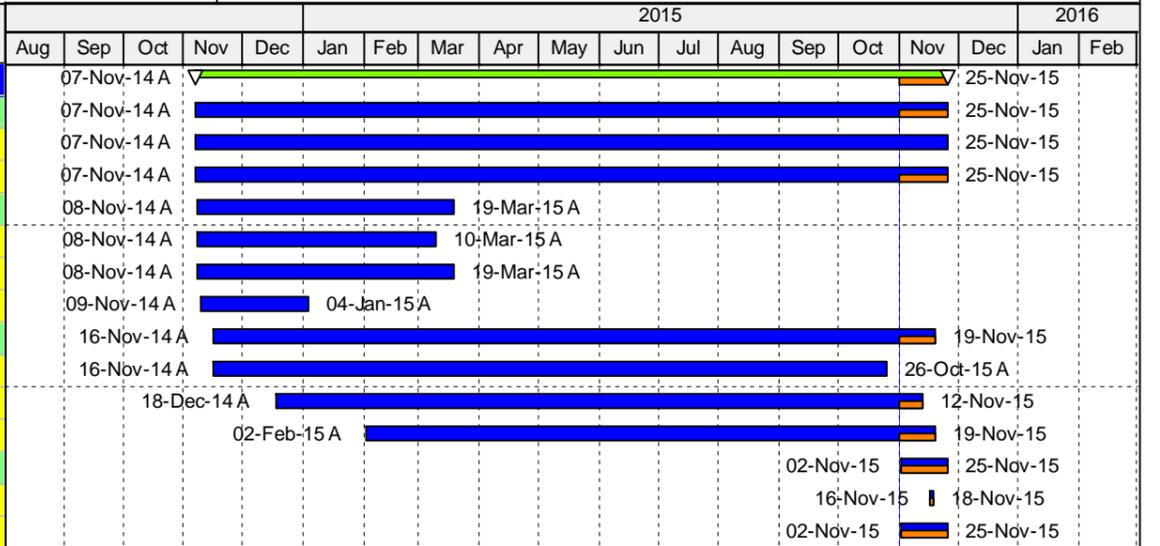
■ Actual Work
 ■ Critical Remaining Work
 ▼ Summary
■ Remaining Work
 ◆ Milestone



Annex C

Progress S - Curve

WBS Name	Start	Finish	Schedule % Complete	2015												2016					
				Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
R04 - Revised CPM - Jericho Collection System Expansion - Phase 1A Branch Sewers	07-Nov-14 A	25-Nov-15	93.85%	[Gantt Bar]																	
Milestones	07-Nov-14 A	25-Nov-15	0%	[Gantt Bar]																	
General Milestones	07-Nov-14 A	25-Nov-15	0%	[Gantt Bar]																	
Intermediate Milestones	07-Nov-14 A	25-Nov-15	0%	[Gantt Bar]																	
PreConstruction Phase	08-Nov-14 A	19-Mar-15 A	100%	[Gantt Bar]																	
Mobilization	08-Nov-14 A	10-Mar-15 A	100%	[Gantt Bar]																	
PreConstruction Submittals	08-Nov-14 A	19-Mar-15 A	0%	[Gantt Bar]																	
Coordination and Permits	09-Nov-14 A	04-Jan-15 A	0%	[Gantt Bar]																	
Construction Phase	16-Nov-14 A	19-Nov-15	94.52%	[Gantt Bar]																	
Construction Submittals	16-Nov-14 A	26-Oct-15 A	0%	[Gantt Bar]																	
Procurement	18-Dec-14 A	12-Nov-15	44.44%	[Gantt Bar]																	
Execution	02-Feb-15 A	19-Nov-15	97.46%	[Gantt Bar]																	
Post Construction Phase	02-Nov-15	25-Nov-15	0%	[Gantt Bar]																	
Testing, Training and Commissioning	16-Nov-15	18-Nov-15	0%	[Gantt Bar]																	
Post Construction Submittals	02-Nov-15	25-Nov-15	0%	[Gantt Bar]																	



■ Actual Total Cost	■ WBS Elements below Project	■ Forecast Bar
■ Planned Value Cost	■ Summary	
■ Earned Value Cost		
■ BL Project Total Cost		



Annex D

Site Memos Log



Site Memo Log:

A. From Contractor to Engineer:

SM No.	Date	Subject
SM-14-00004-JCSI-C-E-009	October 04, 2015	Defects of Asphalt Layer at Alignment no.8

B. From Engineer to Contractor:

SM No.	Date	Subject
No site memos were issued during the current reporting period		



Annex E

Inspection Request Log

Inspection Request Log

IR No.	Date submitted	Rev.	Description	Date Inspection Required	Actual Return Date	Status
IR-14-00004-JCSI-183	October 07, 2015	C	inspection for UPVC Pipes pressure test for alignments 01,02,03,04 &05	October 07, 2015	October 07, 2015	A
IR-14-00004-JCSI-196	October 07, 2015	B	inspection for UPVC Pipes pressure test for alignments 06,07,54,43,13 &15	October 07, 2015	October 07, 2015	A
IR-14-00004-JCSI-1112	October 05, 2015	A	Breaking into existing manhole at Alignment No. 01, 02, 03 &04	October 05, 2015	Retracted	R
IR-14-00004-JCSI-1113	October 05, 2015	A	Breaking into existing manhole at Alignment No. 33	October 05, 2015	Retracted	R
IR-14-00004-JCSI-1114	October 05, 2015	A	Drop manhole installation at alignment No. 33 , Drop manholes # (JCS-33-1-CPL), (JCS-33-2-CPL), (JCS-33-3-CPL), (JCS-33-3-CPR).	October 05, 2015	October 14, 2015	C
IR-14-00004-JCSI-1115	October 14, 2015	A	Correction of monthly environmental check list of August 2015	October 14, 2015	October 14, 2015	A

* **Note:** A: No Exceptions Noted, B: Make Corrections Noted, C: Amend-Resubmit, D: Rejected-Resubmit.



Annex F

Submittals Log

Submittals Log

No.	Submittal Number	Rev.	Submittal Description	Submitted Date	Response Date	Status
1	SUB-14-00004-JCSI-141B	B	Training Course Manual for Jet Vacuum Truck (Arabic & English)	October 06, 2015	October 26, 2015	B
2	SUB-14-00004-JCSI-142B	B	Safety Plan Program monthly update May 2015	October 08, 2015	October 26, 2015	A
3	SUB-14-00004-JCSI-143A	A	Revised CPM Schedule as per Approved VO 01,VO 02, and VO 03	October 06, 2015	October 26, 2015	B
4	SUB-14-00004-JCSI-144A	A	Operation and Maintenance Out Line	October 11, 2015	October 15, 2015	B
5	SUB-14-00004-JCSI-145A	A	Permanent Project Signs	October 13, 2015	October 29, 2015	B
6	SUB-14-00004-JCSI-146A	A	Shop drawing Concrete Protection	October 27, 2015	October 29, 2015	B

*** Note:** A:No Exceptions Noted, B:Make Corrections Noted, C:Amend-Resubmit, D:Rejected-Resubmit, E:Review Not Required, R:Retracted



Annex G

Requests for Information Log

RFI's Log:

The following Requests for Information were issued during reporting period:

Request for information log			
RFI No.	Description	Submitted Date	Response Date
RFI-14-00004-JCSI-C-E-009	New asphalted roads and alignments shoulders and sidewalk.	October 06, 2015	October 26, 2015
RFI-14-00004-JCSI-C-E-010	Connection pits works.	October 28, 2015	Under Review



Annex H

Geo-MIS Data

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. : AID-294-I-00-12-00002
TASK ORDER N :AID-294-TO-14-00004
TASK ORDER SHORT NAME
Temporay Job Days Summary Report

Task Order Name: Jericho Collection System Expansion- Phase 1A

PERIOD FROM: November 07, 2014

CONTRACTOR: The Morganti Group INC.

PERIOD TO: October 31, 2015

SUB-CONTRACTOR: Saqqa & Khoudary Co. Ltd.

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Segregation By Gender		Notes of Comments
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other			Female	Male	
November	2014	60	36	20	18	51	185	8	5	180	
December	2014	80	81	28	54	144	387	16	42	345	
January	2015	69	70	53	36	182	409	17	11	398	
February	2015	88	88	305	143	202	827	35	2	824	
March	2015	117	106	433	272	239	1166	49	1	1165	
April	2015	107	98	866	754	255	2081	87	0	2081	
May	2015	116	102	1105	961	299	2582	108	0	2582	
June	2015	78	86	570	511	230	1475	62	0	1475	
July	2015	42	57	203	149	148	598	25	0	598	
August	2015	55	107	198	205	165	730	31	44	687	
September	2015	41	92	174	140	127	574	24	40	534	
Subtotal of FY 2015							11014	463	145	10869	
October	2015	46	104	229	210	144	733	31	45	688	
Subtotal of FY 2016							733	31	45	688	
Total							11747	494	190	11557	

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
 INFRASTRUCTURE NEEDS PROGRAM INPII
 CONTRACT NO. : AID-294-I-00-12-00002
 TASK ORDER NO. : AID-294-TO-014-00004
 TASK ORDER SHORT NAME :JCSI
 TEMPORARY JOB DAYS REPORT



Task Order Name: Jericho Collection System Expansion- Phase 1A

CONTRACTOR: The Morganti Group INC.

SUB-CONTRACTOR: Saqqa & Khoudary Co. Ltd.

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	Female	Male
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer	Foreman	Skilled Labor	Equipment Operator	Flagman	Unskilled Labor	Surveyor	Security Guard	Prime Cont. Accountant (Sub-cont. Accountant	Office boy							
November 1, 2014																						
November 2, 2014																						
November 3, 2014																						
November 4, 2014																						
November 5, 2014																						
November 6, 2014																						
November 7, 2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 8, 2014	8	8	8	8	0	0	0	0	0	0	8	0	0	0	0	3	1	0	0	1	0	40
November 9, 2014	8	8	8	8	0	0	8	0	0	0	8	0	0	0	0	3	1	1	0	1	0	48
November 10, 2014	8	8	8	8	0	0	8	0	0	24	8	0	0	0	0	3	1	1	3	1	0	72
November 11, 2014	8	8	8	8	0	0	8	0	0	24	8	0	0	0	0	3	1	1	3	1	0	72
November 12, 2014	8	8	8	8	0	0	8	0	0	8	8	0	0	0	0	3	1	1	1	1	0	56
November 13, 2014	8	8	8	16	0	0	0	0	0	8	8	0	0	0	0	3	2	0	1	1	0	56
November 14, 2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 15, 2014	8	8	8	8	0	0	0	0	0	8	8	0	0	0	0	3	1	0	1	1	0	48
November 16, 2014	8	8	8	16	0	0	0	0	0	8	8	0	0	0	0	3	2	0	1	1	0	56
November 17, 2014	8	8	8	16	0	0	16	0	0	8	8	0	0	0	0	3	2	2	1	1	0	72
November 18, 2014	8	8	8	16	0	0	24	0	0	8	8	0	0	0	0	3	2	3	1	1	0	80
November 19, 2014	8	8	8	16	0	0	8	0	0	8	8	0	0	0	0	3	2	1	1	1	0	64
November 20, 2014	8	8	8	8	0	0	16	0	0	8	8	0	0	0	0	3	1	2	1	1	0	64
November 21, 2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 22, 2014	8	8	8	8	8	0	8	0	0	0	8	12	0	8	0	3	2	1	0	3.5	0	76
November 23, 2014	8	8	8	8	8	0	8	0	0	0	8	12	0	8	0	3	2	1	0	3.5	0	76
November 24, 2014	8	8	8	8	8	0	8	0	0	0	8	12	0	8	0	3	2	1	0	3.5	0	76
November 25, 2014	8	8	8	8	8	0	8	0	0	0	8	12	0	8	0	3	2	1	0	3.5	0	76
November 26, 2014	8	8	8	8	16	0	8	0	0	0	8	12	8	8	0	3	3	1	0	4.5	8	84
November 27, 2014	8	8	8	8	8	0	8	0	0	0	8	12	0	8	0	3	2	1	0	3.5	0	76
November 28, 2014	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	3	0	24
November 29, 2014	8	8	8	8	16	0	8	0	0	16	8	24	8	8	8	3	3	1	2	7	16	112
November 30, 2014	8	8	8	8	16	0	8	0	0	16	8	24	8	8	8	3	3	1	2	7	16	112
Total of Month	160	160	160	200	88	0	160	0	0	144	160	144	24	64	16	60	36	20	18	51	40	1440

*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
 INFRASTRUCTURE NEEDS PROGRAM INPII
 CONTRACT NO. : AID-294-I-00-12-00002
 TASK ORDER NO. : AID-294-TO-014-00004
 TASK ORDER SHORT NAME :JCSI
 TEMPORARY JOB DAYS REPORT



Task Order Name: Jericho Collection System Expansion- Phase 1A
 CONTRACTOR: The Morganti Group INC.
 SUB-CONTRACTOR: Saqqa & Khoudary Co. Ltd.

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	Female	Male
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer	Foreman	Skilled Labor	Equipment Operator	Flagman	Unskilled Labor	Surveyor	Security Guard	Prime Contr. Accountant (F)	Sub-contr. Accountant	Office boy								
December 1, 2014	8	8	8	8	16	0	0	0	0	16	8	24	8	8	8	3	3	0	2	7	16	104	
December 2, 2014	8	8	8	8	16	0	0	0	0	16	8	24	8	8	8	3	3	0	2	7	16	104	
December 3, 2014	8	8	8	8	16	0	8	0	0	16	8	24	8	8	8	3	3	1	2	7	16	112	
December 4, 2014	8	8	8	8	16	0	8	0	0	16	8	12	8	8	8	3	3	1	2	5.5	16	100	
December 5, 2014	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12	
December 6, 2014	8	8	8	8	16	0	8	0	0	16	8	12	8	8	8	3	3	1	2	5.5	16	100	
December 7, 2014	8	8	8	8	16	0	8	0	0	16	8	12	8	8	8	3	3	1	2	5.5	16	100	
December 8, 2014	8	8	8	8	16	0	8	0	0	16	8	12	0	8	8	3	3	1	2	4.5	8	100	
December 9, 2014	8	8	8	8	16	0	8	0	0	16	8	12	0	8	8	3	3	1	2	4.5	8	100	
December 10, 2014	8	8	8	8	16	0	8	0	0	16	8	12	0	8	8	3	3	1	2	4.5	8	100	
December 11, 2014	8	8	8	8	16	0	8	3	0	16	8	12	8	8	8	3	3	1.375	2	5.5	16	103	
December 12, 2014	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12	
December 13, 2014	8	8	0	8	16	0	8	0	0	16	0	12	8	8	8	2	3	1	2	4.5	16	84	
December 14, 2014	8	8	8	8	16	0	8	0	0	16	0	12	8	8	8	3	3	1	2	4.5	16	92	
December 15, 2014	8	8	8	8	16	0	8	5	0	16	0	12	0	8	8	3	3	1.625	2	3.5	8	97	
December 16, 2014	8	8	8	8	16	0	8	0	0	16	0	12	0	8	8	3	3	1	2	3.5	8	92	
December 17, 2014	8	8	8	8	16	0	8	0	0	16	0	12	0	8	8	3	3	1	2	3.5	8	92	
December 18, 2014	8	8	8	8	16	0	8	0	0	16	0	12	8	8	8	3	3	1	2	4.5	16	92	
December 19, 2014	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12	
December 20, 2014	8	8	8	8	16	0	8	0	0	16	8	12	0	8	8	3	3	1	2	4.5	8	100	
December 21, 2014	8	8	8	8	16	0	8	0	0	16	8	12	0	8	8	3	3	1	2	4.5	8	100	
December 22, 2014	8	8	8	8	16	0	8	0	0	16	8	12	0	8	8	3	3	1	2	4.5	8	100	
December 23, 2014	8	8	8	8	16	0	8	0	0	16	8	12	8	8	8	3	3	1	2	5.5	16	100	
December 24, 2014	8	8	8	8	16	0	8	0	0	16	8	12	0	8	8	3	3	1	2	4.5	8	100	
December 25, 2014	8	8	8	8	16	0	8	0	0	16	8	12	8	8	8	3	3	1	2	5.5	16	100	
December 26, 2014	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12	
December 27, 2014	8	8	8	8	16	0	8	0	0	16	8	12	8	8	8	3	3	1	2	5.5	16	100	
December 28, 2014	8	8	8	8	16	0	8	6	0	16	8	12	0	8	8	3	3	1.75	2	4.5	8	106	
December 29, 2014	8	8	8	8	16	0	8	6	0	16	16	12	8	8	8	3	3	1.75	2	6.5	16	114	
December 30, 2014	8	8	8	8	16	0	8	0	0	16	16	12	8	8	8	3	3	1	2	6.5	16	108	
December 31, 2014	8	8	8	8	16	0	8	0	0	16	16	12	0	8	8	3	3	1	2	5.5	8	108	
Total of Month	216	216	208	216	432	0	200	20	0	432	192	408	120	208	216	80	81	27.5	54	144	336	2756	

* 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
 INFRASTRUCTURE NEEDS PROGRAM INPII
 CONTRACT NO. : AID-294-I-00-12-00002
 TASK ORDER NO. : AID-294-TO-014-00004
 TASK ORDER SHORT NAME : JCSI
 TEMPORARY JOB DAYS REPORT



Task Order Name: Jericho Collection System Expansion- Phase 1A
 CONTRACTOR: The Morganti Group INC.
 SUB-CONTRACTOR: Saqqa & Khoudary Co. Ltd.

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	Female	Male
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer	Foreman	Skilled Labor	Equipment Operator	Flagman	Unskilled Labor	Surveyor	Security Guard	Prime Contr. Accountant (F)	Sub-contr. Accountant	Office boy								
January 1, 2015	8	8	8	8	16	0	8	5	0	16	16	12	8	8	8	3	3	1.625	2	6.5	16	113	
January 2, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12	
January 3, 2015	8	8	8	8	16	0	8	0	0	16	16	12	8	8	8	3	3	1	2	6.5	16	108	
January 4, 2015	8	8	8	8	16	0	8	0	0	16	16	12	0	8	4	3	3	1	2	5	4	108	
January 5, 2015	8	8	8	8	16	0	8	0	0	16	16	24	0	8	0	3	3	1	2	6	0	120	
January 6, 2015	8	8	8	8	16	0	8	0	0	16	16	24	8	8	0	3	3	1	2	7	8	120	
January 7, 2015	4	4	4	4	8	0	4	0	0	8	8	24	4	4	0	1.5	1.5	0.5	1	5	4	72	
January 8, 2015	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	3	0	24	
January 9, 2015	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	3	0	24	
January 10, 2015	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	3	0	24	
January 11, 2015	8	8	8	8	16	0	8	0	0	8	16	24	8	8	8	3	3	1	1	8	8	120	
January 12, 2015	8	8	8	8	16	0	8	0	0	8	16	24	8	8	8	3	3	1	1	8	8	120	
January 13, 2015	8	8	8	8	16	0	8	0	0	8	16	24	0	8	8	3	3	1	1	7	0	120	
January 14, 2015	8	8	8	8	16	0	8	0	0	8	16	24	0	8	8	3	3	1	1	7	0	120	
January 15, 2015	8	8	8	8	16	0	8	0	0	8	16	24	0	8	8	3	3	1	1	7	0	120	
January 16, 2015	0	0	0	0	0	0	0	0	0	0	0	12		0	0	0	0	0	0	1.5	0	12	
January 17, 2015	8	8	8	8	16	0	8	0	0	8	16	24	0	8	8	3	3	1	1	7	0	120	
January 18, 2015	8	8	0	8	16	0	16	0	0	8	16	24	0	8	8	2	3	2	1	7	0	120	
January 19, 2015	8	8	8	8	16	0	16	0	0	8	16	24	0	8	8	3	3	2	1	7	0	128	
January 20, 2015	8	8	8	8	16	0	8	0	0	8	16	24	0	8	8	3	3	1	1	7	0	120	
January 21, 2015	8	8	8	8	16	0	16	0	0	8	16	24	0	8	8	3	3	2	1	7	0	128	
January 22, 2015	8	8	8	8	16	0	16	0	0	8	16	24	8	8	8	3	3	2	1	8	8	128	
January 23, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12	
January 24, 2015	8	8	8	8	16	0	16	0	0	16	16	24	8	8	8	3	3	2	2	8	8	136	
January 25, 2015	8	8	8	8	16	0	40	0	8	8	16	24	0	8	8	3	3	5	2	7	0	160	
January 26, 2015	8	8	8	8	16	0	40	0	8	8	16	24	0	8	8	3	3	5	2	7	0	160	
January 27, 2015	8	8	8	0	16	0	40	0	8	8	16	24	0	8	8	3	2	5	2	7	0	152	
January 28, 2015	8	8	8	8	16	0	40	0	8	8	16	24	0	8	8	3	3	5	2	7	0	160	
January 29, 2015	8	8	8	8	16	0	40	0	8	8	16	24	0	8	8	3	3	5	2	7	0	160	
January 30, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12	
January 31, 2015	8	8	0	8	16	0	40	0	8	8	16	24	8	8	8	2	3	5	2	8	8	152	
Total of Month	188	188	172	180	376	0	420	5	48	240	376	660	68	188	164	68.5	69.5	53.1	36	182	88	3185	

* 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
 INFRASTRUCTURE NEEDS PROGRAM INPII
 CONTRACT NO. : AID-294-I-00-12-00002
 TASK ORDER NO. : AID-294-TO-014-00004
 TASK ORDER SHORT NAME :JCSI
 TEMPORARY JOB DAYS REPORT



Task Order Name: Jericho Collection System Expansion- Phase 1A
 CONTRACTOR: The Morganti Group INC.
 SUB-CONTRACTOR: Saqqa & Khoudary Co. Ltd.

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	Female	Male
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer	Foreman	Skilled Labor	Machine Operator	Flagman	Unskilled Labor	Surveyor	Security Guard	Prime Contr. Accountant (F)	Sub-contr. Accountant	Office boy							
February 1, 2015	2	8	8	8	16	0	32	0	16	8	16	24	0	8	8	2.25	3	4	3	7	0	154
February 2, 2015	8	8	8	8	16	0	32	0	16	8	16	24	0	8	8	3	3	4	3	7	0	160
February 3, 2015	8	8	8	8	16	0	40	0	16	0	16	24	0	8	8	3	3	5	2	7	0	160
February 4, 2015	8	8	8	8	16	0	24	0	0	8	16	24	0	8	8	3	3	3	1	7	0	136
February 5, 2015	8	8	8	8	16	0	40	40	16	16	16	12	0	8	8	3	3	10	4	5.5	0	204
February 6, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12
February 7, 2015	8	8	8	8	16	0	65	65	26	26	18	24	8	8	8	3	3	16.25	6.5	8.25	8	288
February 8, 2015	8	8	8	8	16	0	65	65	26	26	18	24	0	8	8	3	3	16.25	6.5	7.25	0	288
February 9, 2015	8	8	8	8	16	0	65	65	26	26	28	24	0	8	8	3	3	16.25	6.5	8.5	0	298
February 10, 2015	13	13	13	13	23	0	65	65	26	26	39	24	0	8	8	4.875	4.5	16.25	6.5	9.875	0	336
February 11, 2015	13	13	13	13	20	0	65	65	26	26	36	24	0	8	8	4.875	4.125	16.25	6.5	9.5	0	330
February 12, 2015	10	8	10	10	10	0	50	50	20	20	30	24	0	8	8	3.5	2.5	12.5	5	8.75	0	258
February 13, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12
February 14, 2015	10	0	13	10	20	0	65	65	26	26	39	24	10	8	8	2.875	3.75	16.25	6.5	11.13	10	314
February 15, 2015	13	13	13	13	13	0	65	65	26	26	26	24	0	8	8	4.875	3.25	16.25	6.5	8.25	0	313
February 16, 2015	13	13	13	13	23	0	65	65	26	26	32	24	0	8	8	4.875	4.5	16.25	6.5	9	0	329
February 17, 2015	13	13	13	13	26	0	65	65	26	26	32	24	0	8	8	4.875	4.875	16.25	6.5	9	0	332
February 18, 2015	13	13	13	13	26	0	65	65	26	26	32	24	0	8	8	4.875	4.875	16.25	6.5	9	0	332
February 19, 2015	6	6	6	6	12	0	30	0	0	12	18	12	0	6	6	2.25	2.25	3.75	1.5	5.25	0	120
February 20, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12
February 21, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12
February 22, 2015	13	13	13	13	26	0	65	65	26	26	36	24	0	8	8	4.875	4.875	16.25	6.5	9.5	0	336
February 23, 2015	13	13	13	13	26	0	65	65	52	26	36	24	0	8	8	4.875	4.875	16.25	9.75	9.5	0	362
February 24, 2015	13	13	13	13	26	0	65	65	65	26	36	24	0	8	8	4.875	4.875	16.25	11.38	9.5	0	375
February 25, 2015	13	13	13	13	26	0	77	77	60	34	40	24	0	8	8	4.875	4.875	19.25	11.75	10	0	406
February 26, 2015	13	13	6	13	26	0	65	65	52	26	36	24	0	8	8	4	4.875	16.25	9.75	9.5	0	355
February 27, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12
February 28, 2015	13	13	0	13	26	0	65	65	52	26	36	24	0	8	8	3.25	4.875	16.25	9.75	9.5	0	349
Total of Month	240	234	229	246	457	0	1300	1142	651	444	648	588	18	182	182	87.88	87.88	305.3	143.4	202.3	18	6595

* Total Man-days = Total Hours / 8

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USAID WEST BANK/ GAZA
 INFRASTRUCTURE NEEDS PROGRAM INPII
 CONTRACT NO. : AID-294-I-00-12-00002
 TASK ORDER NO. : AID-294-TO-014-00004
 TASK ORDER SHORT NAME :JCSI
 TEMPORARY JOB DAYS REPORT



Task Order Name: Jericho Collection System Expansion- Phase 1A
 CONTRACTOR: The Morganti Group INC.
 SUB-CONTRACTOR: Saqqa & Khoudary Co. Ltd.

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	Female	Male
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer	Foreman	Skilled Labor	Machine Operator	Flagman	Unskilled Labor	Surveyor	Security Guard	Prime Contr. Accountant (F)	Sub-contr. Accountant	Office boy							
March 1, 2015	13	13	13	13	26	0	65	65	52	26	36	24	0	8	8	4.875	4.875	16.25	9.75	9.5	0	362
March 2, 2015	12	12	12	12	24	0	60	60	48	24	34	24	0	8	8	4.5	4.5	15	9	9.25	0	338
March 3, 2015	12	12	12	12	24	0	60	60	48	24	34	24	0	8	8	4.5	4.5	15	9	9.25	0	338
March 4, 2015	12	12	12	12	24	0	60	60	48	24	34	24	0	8	8	4.5	4.5	15	9	9.25	0	338
March 5, 2015	12	12	12	12	18	0	60	60	48	24	34	24	0	8	8	4.5	3.75	15	9	9.25	0	332
March 6, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12
March 7, 2015	12	12	12	12	18	0	60	60	48	24	22	24	0	8	8	4.5	3.75	15	9	7.75	0	320
March 8, 2015	12	12	12	12	18	0	60	60	48	24	34	24	0	8	8	4.5	3.75	15	9	9.25	0	332
March 9, 2015	12	12	12	12	18	0	60	60	48	24	34	24	0	8	8	4.5	3.75	15	9	9.25	0	332
March 10, 2015	12	12	12	12	18	0	60	60	48	24	34	24	0	8	8	4.5	3.75	15	9	9.25	0	332
March 11, 2015	12	12	12	12	18	0	60	60	48	24	34	24	0	8	8	4.5	3.75	15	9	9.25	0	332
March 12, 2015	8	8	8	8	16	0	30	30	0	12	20	12	8	8	8	3	3	7.5	1.5	7	8	168
March 13, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12
March 14, 2015	12	12	12	12	16	0	60	60	48	24	34	12	0	8	8	4.5	3.5	15	9	7.75	0	318
March 15, 2015	12	12	12	12	16	0	60	60	48	24	34	12	0	8	8	4.5	3.5	15	9	7.75	0	318
March 16, 2015	12	12	12	12	20	0	60	60	48	24	34	12	0	8	8	4.5	4	15	9	7.75	0	322
March 17, 2015	12	12	12	12	20	0	60	60	48	24	34	12	0	8	8	4.5	4	15	9	7.75	0	322
March 18, 2015	12	12	12	12	20	0	60	60	48	24	34	12	0	8	8	4.5	4	15	9	7.75	0	322
March 19, 2015	12	12	12	12	20	0	60	60	48	24	34	12	0	8	8	4.5	4	15	9	7.75	0	322
March 20, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12
March 21, 2015	12	12	12	12	20	0	60	60	48	24	34	12	0	8	8	4.5	4	15	9	7.75	0	322
March 22, 2015	12	12	12	12	20	0	60	60	48	24	34	12	0	8	8	4.5	4	15	9	7.75	0	322
March 23, 2015	12	12	12	12	10	0	60	60	48	24	34	12	0	8	8	4.5	2.75	15	9	7.75	0	312
March 24, 2015	11	11	13	13	20	0	70	70	56	28	38	24	0	8	8	4.375	4.125	17.5	10.5	9.75	0	370
March 25, 2015	11	11	13	13	20	0	70	70	56	28	38	24	0	8	8	4.375	4.125	17.5	10.5	9.75	0	370
March 26, 2015	12	12	13	13	20	0	65	65	52	26	49	24	0	8	8	4.625	4.125	16.25	9.75	11.13	0	367
March 27, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12
March 28, 2015	12	12	0	12	20	0	60	60	48	24	46	24	0	8	8	3	4	15	9	10.75	0	334
March 29, 2015	12	12	12	12	20	0	60	60	48	24	46	12	0	8	8	4.5	4	15	9	9.25	0	334
March 30, 2015	10	10	10	10	20	0	140	90	60	140	30	12	0	8	8	3.75	3.75	28.75	25	7.25	0	548
March 31, 2015	10	10	10	10	20	0	140	90	60	140	30	12	0	8	8	3.75	3.75	28.75	25	7.25	0	548
Total of Month	315	315	308	320	524	0	1780	1680	1296	880	933	540	8	216	216	117.3	105.5	432.5	272	239.1	8	9323

* Total Man-days = Total Hours / 8

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USAID WEST BANK/ GAZA
 INFRASTRUCTURE NEEDS PROGRAM INPII
 CONTRACT NO. : AID-294-I-00-12-00002
 TASK ORDER NO. : AID-294-TO-014-00004
 TASK ORDER SHORT NAME :JCSI
 TEMPORARY JOB DAYS REPORT



Task Order Name: Jericho Collection System Expansion- Phase 1A
 CONTRACTOR: The Morganti Group INC.
 SUB-CONTRACTOR: Saqqa & Khoudary Co. Ltd.

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	Female	Male
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer	Foreman	Skilled Labor	Machine Operator	Flagman	Unskilled Labor	Surveyor	Security Guard	Prime Contr. Accountant (F)	Sub-contr. Accountant	Office boy							
April 1, 2015	12	12	13	13	20	0	182	117	78	182	46	12	0	8	8	4.625	4.125	37.38	32.5	9.25	0	703
April 2, 2015	10	10	10	10	20	0	140	90	60	140	40	12	0	8	8	3.75	3.75	28.75	25	8.5	0	558
April 3, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12
April 4, 2015	12	12	13	13	20	0	182	117	78	182	49	12	0	8	8	4.625	4.125	37.38	32.5	9.625	0	706
April 5, 2015	12	12	13	13	20	0	182	117	78	182	49	12	0	8	8	4.625	4.125	37.38	32.5	9.625	0	706
April 6, 2015	12	12	13	13	20	0	182	117	78	182	49	12	0	8	8	4.625	4.125	37.38	32.5	9.625	0	706
April 7, 2015	12	12	13	13	20	0	182	117	78	182	49	12	0	8	8	4.625	4.125	37.38	32.5	9.625	0	706
April 8, 2015	10	10	10	10	20	0	140	90	60	140	40	12	0	8	8	3.75	3.75	28.75	25	8.5	0	558
April 9, 2015	10	10	10	10	20	0	140	90	60	140	40	12	0	8	8	3.75	3.75	28.75	25	8.5	0	558
April 10, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12
April 11, 2015	10	10	10	10	14	0	140	90	60	140	40	12	0	8	8	3.75	3	28.75	25	8.5	0	552
April 12, 2015	8	8	8	8	16	0	56	36	24	56	20	8	0	8	8	3	3	11.5	10	5.5	0	264
April 13, 2015	10	10	10	10	20	0	140	90	60	140	40	20	0	8	8	3.75	3.75	28.75	25	9.5	0	566
April 14, 2015	10	10	10	10	20	0	140	90	60	140	40	24	0	8	8	3.75	3.75	28.75	25	10	0	570
April 15, 2015	12	12	13	13	20	0	182	117	78	182	52	24	0	8	8	4.625	4.125	37.38	32.5	11.5	0	721
April 16, 2015	10	10	10	10	20	0	140	92	60	140	40	24	0	8	8	3.75	3.75	29	25	10	0	572
April 17, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12
April 18, 2015	12	12	12	12	20	0	168	108	72	168	48	12	0	8	8	4.5	4	34.5	30	9.5	0	660
April 19, 2015	10	10	13	13	20	0	182	117	78	182	52	12	0	8	8	4.125	4.125	37.38	32.5	10	0	705
April 20, 2015	12	12	13	13	20	0	182	117	78	182	52	12	0	8	8	4.625	4.125	37.38	32.5	10	0	709
April 21, 2015	10	10	13	13	20	0	182	111	78	182	49	12	0	8	8	4.125	4.125	36.63	32.5	9.625	0	696
April 22, 2015	10	10	13	13	20	0	182	111	78	182	49	12	0	8	8	4.125	4.125	36.63	32.5	9.625	0	696
April 23, 2015	10	10	10	10	20	0	140	90	60	140	40	12	0	8	8	3.75	3.75	28.75	25	8.5	0	558
April 24, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12
April 25, 2015	10	10	12	12	10	0	168	108	72	168	48	12	0	8	8	4	2.75	34.5	30	9.5	0	646
April 26, 2015	9	9	13	13	20	0	164	105	70	164	48	12	0	8	8	3.875	4.125	33.63	29.25	9.5	0	643
April 27, 2015	12	12	13	13	10	0	182	117	78	182	52	12	0	8	16	4.625	2.875	37.38	32.5	11	0	707
April 28, 2015	10	11	13	13	20	0	182	117	78	182	52	12	0	8	16	4.25	4.125	37.38	32.5	11	0	714
April 29, 2015	10	10	13	13	20	0	182	117	78	182	52	12	0	8	16	4.125	4.125	37.38	32.5	11	0	713
April 30, 2015	10	10	13	13	10	0	182	117	78	182	52	12	0	8	16	4.125	2.875	37.38	32.5	11	0	703
Total of Month	275	276	307	307	480	0	4224	2705	1810	4224	1188	400	0	208	240	107.3	98.38	866.1	754.3	254.5	0	16644

* Total Man-days = Total Hours / 8

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USAID WEST BANK/ GAZA
 INFRASTRUCTURE NEEDS PROGRAM INPII
 CONTRACT NO. : AID-294-I-00-12-00002
 TASK ORDER NO. : AID-294-TO-014-00004
 TASK ORDER SHORT NAME :JCSI
 TEMPORARY JOB DAYS REPORT



Task Order Name: Jericho Collection System Expansion- Phase 1A
 CONTRACTOR: The Morganti Group INC.
 SUB-CONTRACTOR: Saqqa & Khoudary Co. Ltd.

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	Female	Male
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer	Foreman	Skilled Labor	Machine Operator	Flagman	Unskilled Labor	Surveyor	Security Guard	Prime Contr. Accountant (F)	Sub-contr. Accountant	Office boy							
May 1, 2015	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12	
May 2, 2015	8	8	13	13	16	0	182	117	78	130	52	12	0	8	8	3.625	3.625	37.38	26	10	0	645
May 3, 2015	12	12	13	13	20	0	182	117	78	234	52	12	0	8	8	4.625	4.125	37.38	39	10	0	761
May 4, 2015	12	12	13	13	20	0	182	117	78	234	52	12	0	8	8	4.625	4.125	37.38	39	10	0	761
May 5, 2015	12	12	13	13	20	0	182	117	78	234	52	12	0	8	16	4.625	4.125	37.38	39	11	0	769
May 6, 2015	12	12	13	13	20	0	247	117	78	234	52	12	0	8	16	4.625	4.125	45.5	39	11	0	834
May 7, 2015	8	8	9	9	16	0	171	81	54	162	35	12	0	8	16	3.125	3.125	31.5	27	8.875	0	589
May 8, 2015	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12	
May 9, 2015	10	10	12	12	20	0	144	108	72	132	34	12	0	8	16	4	4	31.5	25.5	8.75	0	590
May 10, 2015	10	10	12	0	10	0	228	108	72	216	48	12	0	10	16	4	1.25	42	36	10.75	0	752
May 11, 2015	12	12	13	13	10	0	247	117	78	234	52	12	0	8	16	4.625	2.875	45.5	39	11	0	824
May 12, 2015	10	10	11	11	20	0	209	99	66	198	44	12	0	8	16	3.875	3.875	38.5	33	10	0	714
May 13, 2015	11	11	12	12	20	0	228	108	72	216	47	12	0	8	16	4.25	4	42	36	10.38	0	773
May 14, 2015	11	11	12	12	20	0	228	108	72	216	47	12	0	8	16	4.25	4	42	36	10.38	0	773
May 15, 2015	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12	
May 16, 2015	12	12	13	13	20	0	247	117	78	234	51	12	0	8	16	4.625	4.125	45.5	39	10.88	0	833
May 17, 2015	12	12	13	13	20	0	247	117	78	234	51	12	0	8	16	4.625	4.125	45.5	39	10.88	0	833
May 18, 2015	12	12	13	13	20	0	247	117	78	234	51	12	0	8	16	4.625	4.125	45.5	39	10.88	0	833
May 19, 2015	11	11	12	12	20	0	228	108	72	216	47	24	0	8	16	4.25	4	42	36	11.88	0	785
May 20, 2015	12	12	13	13	20	0	247	117	78	234	51	24	0	8	16	4.625	4.125	45.5	39	12.38	0	845
May 21, 2015	11	11	12	12	20	0	228	108	72	216	47	24	0	8	16	4.25	4	42	36	11.88	0	785
May 22, 2015	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12	
May 23, 2015	12	12	13	13	20	0	247	117	78	234	51	24	0	8	16	4.625	4.125	45.5	39	12.38	0	845
May 24, 2015	12	12	13	13	20	0	247	117	78	234	51	24	0	8	16	4.625	4.125	45.5	39	12.38	0	845
May 25, 2015	12	12	13	13	20	0	247	117	78	234	51	24	0	8	16	4.625	4.125	45.5	39	12.38	0	845
May 26, 2015	12	12	13	13	20	0	247	117	78	234	51	24	0	8	16	4.625	4.125	45.5	39	12.38	0	845
May 27, 2015	12	12	13	13	20	0	247	117	78	234	51	24	0	8	16	4.625	4.125	45.5	39	12.38	0	845
May 28, 2015	10	10	12	12	20	0	228	108	72	216	46	24	0	10	16	4	4	42	36	12	0	784
May 29, 2015	0	10	10	10	0	0	40	70	30	70	20	12	0	0	0	2.5	1.25	13.75	12.5	4	0	272
May 30, 2015	12	12	13	13	20	0	247	117	78	234	51	24	0	8	16	4.625	4.125	45.5	39	12.38	0	845
May 31, 2015	10	10	12	12	20	0	228	108	72	216	46	24	0	10	16	4	4	42	36	12	0	784
Total of Month	290	300	334	322	492	0	5852	2986	1974	5714	1283	504	0	214	392	115.5	101.8	1105	961	299.1	0	20657

* 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
 INFRASTRUCTURE NEEDS PROGRAM INPII
 CONTRACT NO. : AID-294-I-00-12-00002
 TASK ORDER NO. : AID-294-TO-014-00004
 TASK ORDER SHORT NAME :JCSI
 TEMPORARY JOB DAYS REPORT



Task Order Name: Jericho Collection System Expansion- Phase 1A
 CONTRACTOR: The Morganti Group INC.
 SUB-CONTRACTOR: Saqqa & Khoudary Co. Ltd.

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	Female	Male
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer	Foreman	Skilled Labor	Machine Operator	Flagman	Unskilled Labor	Surveyor	Security Guard	Prime Contr. Accountant (F)	Sub-contr. Accountant	Office boy							
June 1, 2015	10	10	11	11	20	0	209	99	66	198	43	24	0	8	16	3.875	3.875	38.5	33	11.38	0	725
June 2, 2015	10	10	10	10	20	0	190	90	60	180	40	24	0	8	16	3.75	3.75	35	30	11	0	668
June 3, 2015	11	11	12	12	20	0	228	108	72	216	48	24	0	8	16	4.25	4	42	36	12	0	786
June 4, 2015	10	10	10	10	20	0	190	90	60	180	40	24	0	8	16	3.75	3.75	35	30	11	0	668
June 5, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12
June 6, 2015	10	10	11	11	20	0	209	99	66	198	43	24	0	8	16	3.875	3.875	38.5	33	11.38	0	725
June 7, 2015	11	11	12	12	20	0	228	108	72	216	48	24	0	8	16	4.25	4	42	36	12	0	786
June 8, 2015	10	11	12	12	20	0	228	108	72	216	36	24	0	8	16	4.125	4	42	36	10.5	0	773
June 9, 2015	10	11	12	12	20	0	228	108	72	216	36	24	0	8	16	4.125	4	42	36	10.5	0	773
June 10, 2015	10	11	12	12	20	0	228	108	72	216	36	24	0	8	16	4.125	4	42	36	10.5	0	773
June 11, 2015	10	11	12	12	20	0	228	108	72	216	36	24	0	8	16	4.125	4	42	36	10.5	0	773
June 12, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12
June 13, 2015	10	11	0	12	20	0	228	108	72	216	36	24	0	8	16	2.625	4	42	36	10.5	0	761
June 14, 2015	10	10	10	10	20	0	110	50	40	140	20	24	0	8	16	3.75	3.75	20	22.5	8.5	0	468
June 15, 2015	10	10	10	10	20	0	110	50	40	140	20	24	0	8	16	3.75	3.75	20	22.5	8.5	0	468
June 16, 2015	10	10	10	10	20	0	32	8	0	64	20	24	0	8	16	3.75	3.75	5	8	8.5	0	232
June 17, 2015	7	0	7	7	14	0	49	28	28	49	14	24	0	7	14	1.75	2.625	9.625	9.625	7.375	0	248
June 18, 2015	7	6	7	7	14	0	49	28	28	49	14	24	0	7	14	2.5	2.625	9.625	9.625	7.375	0	254
June 19, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12
June 20, 2015	7	6	7	7	14	0	49	24	28	49	14	24	0	7	14	2.5	2.625	9.125	9.625	7.375	0	250
June 21, 2015	7	0	7	7	14	0	49	28	28	49	14	24	0	7	14	1.75	2.625	9.625	9.625	7.375	0	248
June 22, 2015	7	0	7	7	14	0	49	28	28	49	14	24	0	7	14	1.75	2.625	9.625	9.625	7.375	0	248
June 23, 2015	7	0	7	7	14	0	14	7	0	14	7	20	0	0	14	1.75	2.625	2.625	1.75	5.125	0	111
June 24, 2015	7	0	7	7	14	0	49	28	28	49	14	24	0	7	16	1.75	2.625	9.625	9.625	7.625	0	250
June 25, 2015	7	0	7	7	14	0	14	7	0	14	7	20	0	0	14	1.75	2.625	2.625	1.75	5.125	0	111
June 26, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12
June 27, 2015	7	0	7	7	14	0	14	7	0	14	7	20	0	0	14	1.75	2.625	2.625	1.75	5.125	0	111
June 28, 2015	7	0	7	7	14	0	14	7	0	14	7	20	0	0	14	1.75	2.625	2.625	1.75	5.125	0	111
June 29, 2015	7	6	7	7	14	0	49	28	14	49	14	20	0	0	14	2.5	2.625	9.625	7.875	6	0	229
June 30, 2015	7	6	7	7	14	0	49	7	7	49	14	24	0	0	14	2.5	2.625	7	7	6.5	0	205
Total of Month	226	171	228	240	448	0	3094	1469	1025	3060	642	652	0	154	394	78.13	86	570.4	510.6	230.3	0	11803

* Total Man-days = Total Hours / 8

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USAID WEST BANK/ GAZA
 INFRASTRUCTURE NEEDS PROGRAM INPII
 CONTRACT NO. : AID-294-I-00-12-00002
 TASK ORDER NO. : AID-294-TO-014-00004
 TASK ORDER SHORT NAME :JCSI
 TEMPORARY JOB DAYS REPORT



Task Order Name: Jericho Collection System Expansion- Phase 1A
 CONTRACTOR: The Morganti Group INC.
 SUB-CONTRACTOR: Saqqa & Khoudary Co. Ltd.

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	Female	Male
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Engineer	Office Engineer	Foreman	Skilled Labor	Machine Operator	Flagman	Unskilled Labor	Surveyor	Security Guard	Prime Contr. Accountant (F)	Sub-contr. Accountant	Office boy								
July 1, 2015	7	6	7	7	14	0	49	7	7	49	14	24	0	7	14	2.5	2.625	7	7	7.375	0	212	
July 2, 2015	7	7	7	8	14	0	49	7	7	49	14	20	0	7	7	2.625	2.75	7	7	6	0	203	
July 3, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12	
July 4, 2015	7	7	7	7	14	0	49	7	7	49	7	24	0	7	14	2.625	2.625	7	7	6.5	0	206	
July 5, 2015	7	7	7	7	7	0	49	7	7	49	7	24	0	7	14	2.625	1.75	7	7	6.5	0	199	
July 6, 2015	7	7	7	0	14	0	70	42	28	49	7	20	0	7	14	2.625	1.75	14	9.625	6	0	272	
July 7, 2015	2	2	0	7	14	0	70	42	28	49	7	20	0	7	14	0.5	2.625	14	9.625	6	0	262	
July 8, 2015	7	0	0	7	14	0	49	42	28	35	14	24	0	7	14	0.875	2.625	11.38	7.875	7.375	0	241	
July 9, 2015	7	0	0	7	14	0	49	42	7	35	7	24	0	7	14	0.875	2.625	11.38	5.25	6.5	0	213	
July 10, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12	
July 11, 2015	7	0	0	7	14	0	49	42	14	35	7	24	0	7	7	0.875	2.625	11.38	6.125	5.625	0	213	
July 12, 2015	7	7	0	7	14	0	49	42	14	35	7	24	0	7	7	1.75	2.625	11.38	6.125	5.625	0	220	
July 13, 2015	7	0	0	7	14	0	35	7	0	28	7	24	0	7	14	0.875	2.625	5.25	3.5	6.5	0	150	
July 14, 2015	7	0	0	0	14	0	35	0	0	28	7	24	0	7	14	0.875	1.75	4.375	3.5	6.5	0	136	
July 15, 2015	7	0	0	7	14	0	21	7	14	28	7	24	0	7	14	0.875	2.625	3.5	5.25	6.5	0	150	
July 16, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12	
July 17, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12	
July 18, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12	
July 19, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12	
July 20, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12	
July 21, 2015	8	8	0	8	15	0	21	7	14	28	8	20	0	8	7	2	2.875	3.5	5.25	5.375	0	152	
July 22, 2015	8	4	0	8	16	0	16	0	0	28	8	20	0	8	14	1.5	3	2	3.5	6.25	0	130	
July 23, 2015	8	0	0	8	16	0	56	7	14	40	8	20	0	8	7	1	3	7.875	6.75	5.375	0	192	
July 24, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12	
July 25, 2015	8	8	0	8	16	0	8	24	16	16	8	20	0	0	0	2	3	4	4	3.5	0	132	
July 26, 2015	8	8	8	8	16	0	56	48	16	40	8	24	0	8	8	3	3	13	7	6	0	256	
July 27, 2015	8	8	8	8	16	0	56	88	16	80	8	24	0	8	8	3	3	18	12	6	0	336	
July 28, 2015	8	8	8	8	16	0	56	88	16	80	8	24	0	8	8	3	3	18	12	6	0	336	
July 29, 2015	8	8	8	8	0	0	56	80	16	80	8	24	0	8	8	3	1	17	12	6	0	312	
July 30, 2015	8	8	8	8	16	0	40	0	0	16	8	20	0	8	16	3	3	5	2	6.5	0	156	
July 31, 2015	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1.5	0	12	
Total of Month	158	103	75	150	302	0	988	636	269	926	184	604	0	155	237	42	56.5	203	149.4	147.5	0	4787	

* Total Man-days = Total Hours / 8

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USAID WEST BANK/ GAZA
 USAID WEST BANK - GAZA
 INFRASTRUCTURE NEEDS PROGRAM INPII
 CONTRACT NO. : AID-294-I-00-12-00002
 TASK ORDER NO. : AID-294-TO-014-00004
 Jericho Collection System Expansion- Phase 1A
 Temporary Job Days Summary Report



Task Order Name: Jericho Collection System Expansion- Phase 1A
 CONTRACTOR: The Morganti Group, Inc.

PERIOD FROM: August 01, 2015
 PERIOD TO: August 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 & Envir. Manager	Project Engineer	Office Engineer	Sub-cont. Site Engineer	Office Engineer (F)	Foreman	Skilled Labor	Machine Operator	Flagman	Unskilled Labor	Surveyor	Office Boy (F)	Office Boy	Security Guard	Sub-cont. Accountant	Prime Cont. Accountant (F)							
August 1, 2015	8	8	8	8	16	0	0	0	0	0	0	0	8	0	16	0	8	0	3	3	0	0	4	80	0
August 2, 2015	8	8	8	8	16	0	0	0	0	0	0	0	0	0	16	20	0	0	3	3	0	0	4.5	84	0
August 3, 2015	8	2	8	8	16	0	0	0	0	0	0	0	8	0	0	20	0	0	2.25	3	0	0	3.5	70	0
August 4, 2015	8	2	8	8	16	0	0	0	0	8	0	0	8	8	8	20	8	0	2.25	3	1	0	6.5	94	8
August 5, 2015	8	8	0	8	16	8	0	0	48	48	16	56	8	8	8	20	8	0	2	4	12	9	6.5	260	8
August 6, 2015	8	12	0	12	16	8	0	0	48	70	48	56	8	8	8	24	8	0	2.5	4.5	15	13	7	326	8
August 7, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	1.5	12	0
August 8, 2015	8	8	0	12	8	8	8	0	48	27	24	56	8	8	8	24	8	0	2	4.5	9	10	7	247	16
August 9, 2015	8	8	0	8	8	8	8	0	48	30	16	56	8	8	8	24	8	0	2	4	10	9	7	238	16
August 10, 2015	8	0	0	8	8	8	8	0	48	30	15	56	8	8	8	20	8	0	1	4	10	8.88	6.5	225	16
August 11, 2015	8	8	0	12	8	8	8	0	48	30	16	56	8	8	8	20	8	0	2	4.5	10	9	6.5	238	16
August 12, 2015	8	8	0	8	8	8	8	0	60	27	18	70	8	8	8	20	8	0	2	4	11	11	6.5	259	16
August 13, 2015	8	8	0	8	8	8	8	0	60	27	18	70	8	8	8	20	8	0	2	4	11	11	6.5	259	16
August 14, 2015	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	12	0	0	0	1	0	0	1.5	20	0
August 15, 2015	8	8	0	8	8	8	8	0	24	9	24	70	8	8	8	20	8	0	2	4	4	11.8	6.5	211	16
August 16, 2015	8	8	0	8	8	8	8	0	72	31	24	70	8	8	8	20	8	0	2	4	13	11.8	6.5	281	16
August 17, 2015	8	8	0	8	8	8	8	0	56	13	24	56	8	8	8	20	8	0	2	4	9	10	6.5	233	16
August 18, 2015	8	0	0	8	8	8	8	0	48	3	14	56	8	8	8	20	0	0	1	4	6	8.75	5.5	189	16
August 19, 2015	8	8	0	8	8	8	8	0	48	24	16	36	8	8	8	20	0	0	2	4	9	6.5	5.5	200	16
August 20, 2015	8	8	0	8	8	8	8	0	24	2	16	24	8	8	8	20	0	0	2	4	3	5	5.5	142	16
August 21, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	1.5	12	0
August 22, 2015	8	8	0	8	8	8	0	0	48	11	16	36	8	8	8	24	0	0	2	3	7	6.5	6	191	8
August 23, 2015	8	8	0	8	8	8	8	0	48	24	18	48	8	8	8	24	8	0	2	4	9	8.25	7	226	16
August 24, 2015	8	8	0	8	8	8	8	0	48	21	18	48	8	8	8	24	8	0	2	4	9	8.25	7	223	16
August 25, 2015	8	8	0	8	8	8	8	0	48	7	24	48	8	8	8	20	0	0	2	4	7	9	5.5	203	16
August 26, 2015	8	8	0	8	8	8	8	0	48	8	24	48	8	8	8	20	0	0	2	4	7	9	5.5	204	16
August 27, 2015	8	8	0	8	8	8	8	0	48	3	16	40	8	8	8	20	0	0	2	4	6	7	5.5	183	16
August 28, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	1.5	12	0
August 29, 2015	8	8	0	8	8	8	8	0	48	3	0	48	8	0	6	20	0	0	2	4	6	6	4.25	173	8
August 30, 2015	8	8	0	8	8	8	16	0	48	11	18	48	8	8	8	20	0	0	2	5	7	8.25	5.5	201	24
August 31, 2015	8	8	0	8	8	8	8	0	48	8	18	48	8	5	8	20	0	0	2	4	7	8.25	5.13	198	13
Total of Month	216	192	32	228	264	192	168	0	1112	475	441	1200	208	181	222	592	120	0	55	107	198	205	165	5494	349

* Total Man-days = Total Hours / 8

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USAID WEST BANK/ GAZA
 USAID WEST BANK - GAZA
 INFRASTRUCTURE NEEDS PROGRAM INPII
 CONTRACT NO. : AID-294-I-00-12-00002
 TASK ORDER NO. : AID-294-TO-014-00004
 Jericho Collection System Expansion- Phase 1A
 Temproray Job Days Summary Report



Task Order Name: Jericho Collection
 Section Expansion- Phase 1A
 CONTRACTOR: The Morganti Group, Inc.

PERIOD FROM: September 01, 20
 PERIOD TO: September 30, 2015

DATE	Site Staff Job Days **																				Man-days*					Gender	
	Worker/Classification (Hours)																			Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female	
	Management			Engineers				Skilled labor			Unskilled labor		Other														
	Task Order Manager	Quality Control Manager	Safety & Env. Manager	Project Engineer	Office Engineer	Sub-cont. Site Engineer	Office Engineer (F)	Foreman	Skilled Labor	Machine Operator	Flagman	Unskilled Labor	Surveyor	Office Boy (F)	Office Boy	Security Guard	Sub-cont. Accountant	Prime Cont. Accountant (F)									
September 1, 2015	8	8	0	8	8	8	8	0	48	12	18	48	8	0	8	20	0	0	2	4	8	8.25	4.5	202	8		
September 2, 2015	8	8	0	8	8	8	8	0	48	8	16	48	8	8	8	20	0	0	2	4	7	8	5.5	196	16		
September 3, 2015	8	8	0	8	8	8	8	0	40	8	16	20	8	0	8	20	0	0	2	4	6	4.5	4.5	160	8		
September 4, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	1.5	12	0		
September 5, 2015	8	8	0	8	8	8	16	0	32	3	16	24	8	8	8	20	0	0	2	5	4	5	5.5	151	24		
September 6, 2015	8	8	0	8	8	8	16	0	32	4	16	32	8	8	8	20	0	0	2	5	5	6	5.5	160	24		
September 7, 2015	8	8	0	8	8	8	16	0	32	3	16	40	8	8	8	20	0	0	2	5	4	7	5.5	167	24		
September 8, 2015	8	8	0	8	8	8	16	0	24	29	16	0	8	8	8	20	0	0	2	5	7	2	5.5	145	24		
September 9, 2015	8	8	0	8	8	8	8	0	32	29	16	16	8	8	8	20	0	0	2	4	8	4	5.5	169	16		
September 10, 2015	8	8	0	8	8	8	8	0	32	28	16	32	8	8	8	20	0	0	2	4	8	6	5.5	184	16		
September 11, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	1.5	12	0		
September 12, 2015	8	8	0	8	8	8	8	0	32	4	16	24	8	8	8	20	0	0	2	4	5	5	5.5	152	16		
September 13, 2015	8	8	0	8	8	8	8	0	32	8	16	32	8	0	8	20	5	0	2	4	5	6	5.13	169	8		
September 14, 2015	8	8	0	8	8	8	8	0	48	32	16	40	8	8	8	20	0	0	2	4	10	7	5.5	212	16		
September 15, 2015	8	8	0	8	8	8	8	0	48	20	16	40	8	8	8	20	0	0	2	4	9	7	5.5	200	16		
September 16, 2015	8	0	0	8	8	8	8	0	48	4	16	40	8	8	8	20	0	0	1	4	7	7	5.5	176	16		
September 17, 2015	8	8	0	8	8	8	8	16	48	8	16	40	8	8	8	20	0	0	2	4	9	7	5.5	204	16		
September 18, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	2.5	20	0		
September 19, 2015	8	8	0	8	8	8	8	0	48	40	16	48	8	8	8	20	0	0	2	4	11	8	5.5	228	16		
September 20, 2015	8	8	0	8	8	8	8	0	64	96	24	56	8	8	8	20	0	0	2	4	20	10	5.5	316	16		
September 21, 2015	8	8	0	8	8	8	8	0	80	88	18	48	8	0	8	20	0	0	2	4	21	8.25	4.5	310	8		
September 22, 2015	8	8	0	8	8	8	8	0	0	12	8	8	8	0	8	20	0	0	2	4	2	2	4.5	104	8		
September 23, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	1.5	12	0		
September 24, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	1.5	12	0		
September 25, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	1.5	12	0		
September 26, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	1.5	12	0		
September 27, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	1.5	12	0		
September 28, 2015	0	8	0	8	8	8	8	0	48	0	16	32	8	0	8	20	0	0	1	4	6	6	4.5	164	8		
September 29, 2015	0	8	0	8	8	8	8	0	48	7	16	48	8	0	8	20	0	0	1	4	7	8	4.5	187	8		
September 30, 2015	8	8	0	8	8	8	8	0	48	20	16	48	8	0	8	20	0	0	2	4	9	8	4.5	208	8		
Total of Month	160	168	0	176	176	176	208	16	912	463	356	764	176	112	176	544	5	0	41	92	174	140	127	4268	320		

* 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
 USAID WEST BANK - GAZA
 INFRASTRUCTURE NEEDS PROGRAM INPH
 CONTRACT NO. : AID-294-I-00-12-00002
 TASK ORDER NO. : AID-294-TO-014-00004
 Jericho Collection System Expansion- Phase 1A
 Temporary Job Days Summary Report



Task Order Name: Jericho Collection System Expansion- Phase 1A
 CONTRACTOR: The Morganti Group, Inc.

PERIOD FROM: October 01, 2015
 PERIOD TO: October 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	Sub-cont. Site Engineer	Office Engineer (F)	Skilled Labor	Machine Operator	Flagman	Unskilled Labor	Surveyor	Office Boy (F)	Office Boy	Security Guard	Sub-cont. Accountant	Prime Cont. Accountant (F)								
October 1, 2015	8	8	0	8	8	8	8	40	20	16	40	8	0	8	20	0	0	2	4	8	7	4.5	192	8	
October 2, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	1.5	12	0	
October 3, 2015	8	8	0	8	8	8	8	48	45	16	48	8	0	8	20	0	0	2	4	12	8	4.5	233	8	
October 4, 2015	8	8	0	8	8	8	8	136	62	32	48	8	8	8	20	0	0	2	4	25	10	5.5	354	16	
October 5, 2015	8	8	0	8	8	8	8	136	68	32	48	8	8	8	20	0	0	2	4	26	10	5.5	360	16	
October 6, 2015	0	8	0	8	8	8	8	40	8	16	40	8	0	8	20	0	0	1	4	6	7	4.5	172	8	
October 7, 2015	8	8	0	8	8	8	8	48	0	16	48	8	8	8	20	0	0	2	4	6	8	5.5	188	16	
October 8, 2015	8	8	0	8	8	8	8	72	46	24	64	8	8	8	20	0	0	2	4	15	11	5.5	282	16	
October 9, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	1.5	12	0	
October 10, 2015	8	8	0	8	8	8	8	48	8	16	40	8	8	8	20	0	0	2	4	7	7	5.5	188	16	
October 11, 2015	8	8	0	8	8	8	8	48	6	16	48	8	8	8	20	0	0	2	4	7	8	5.5	194	16	
October 12, 2015	8	8	0	8	8	8	8	80	51	24	64	8	8	8	20	0	0	2	4	16	11	5.5	295	16	
October 13, 2015	8	8	0	8	8	8	8	40	0	16	40	8	8	8	20	0	0	2	4	5	7	5.5	172	16	
October 14, 2015	8	8	0	8	8	8	8	40	0	16	40	8	8	8	20	0	0	2	4	5	7	5.5	172	16	
October 15, 2015	8	8	0	8	8	8	8	40	0	16	40	8	0	8	20	0	0	2	4	5	7	4.5	172	8	
October 16, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	1.5	12	0	
October 17, 2015	8	8	0	8	8	8	8	40	4	16	40	8	8	8	20	0	0	2	4	6	7	5.5	176	16	
October 18, 2015	8	8	0	8	8	8	8	40	10	16	40	8	8	8	20	0	0	2	4	6	7	5.5	182	16	
October 19, 2015	8	0	0	8	8	8	8	40	5	16	48	8	0	8	20	0	0	1	4	6	8	4.5	177	8	
October 20, 2015	8	8	0	8	8	8	8	40	8	16	48	8	8	8	20	0	0	2	4	6	8	5.5	188	16	
October 21, 2015	8	8	0	8	8	8	8	40	8	16	48	8	8	8	20	0	0	2	4	6	8	5.5	188	16	
October 22, 2015	8	0	0	8	8	8	8	40	8	16	48	8	5	8	20	0	0	1	4	6	8	5.13	180	13	
October 23, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	1.5	12	0	
October 24, 2015	8	5	0	8	8	8	8	48	16	16	48	8	8	8	20	0	0	1.625	4	8	8	5.5	201	16	
October 25, 2015	8	0	0	8	8	8	8	48	13	16	48	8	5	8	20	0	0	1	4	8	8	5.13	193	13	
October 26, 2015	8	8	0	8	8	8	8	48	16	16	48	8	8	8	20	0	0	2	4	8	8	5.5	204	16	
October 27, 2015	8	8	0	8	8	8	8	48	12	16	48	8	0	8	20	0	0	2	4	8	8	4.5	200	8	
October 28, 2015	8	8	0	8	8	8	8	48	12	16	48	8	8	8	20	0	0	2	4	8	8	5.5	200	16	
October 29, 2015	8	0	0	8	8	8	8	48	13	16	48	8	8	8	20	0	0	1	4	8	8	5.5	193	16	
October 30, 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	1.5	12	0	
October 31, 2015	8	0	0	8	8	8	8	48	4	16	48	8	8	8	20	0	0	1	4	7	8	5.5	184	16	
Total of Month	200	165	0	208	208	208	208	1392	443	464	1216	208	154	208	580	0	0	46	104	229	210	144	5500	362	

* Total Man-days = Total Hours / 8

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Annex I

Payments Log



Payments Log:

No payments were issued during this reporting period



Annex J

None Compliance Report Log



None Compliance Report Log:

No None Compliance Reports were received during this reporting period:



Annex K

Variation Order Log

Variation Order Log:

The following table summarizes the Variation orders issued during this reporting period:

Variation Order Log							
Variation Order No.	Description	PVOs/Vos (Calendar Days)	Previous BOQ Items	Current BOQ Items	Previous Completion Date	Current Completion Date	Date Signed By USAID
Variation Order #04	New Definitive Quantities and Time Extension	17	\$4,376,839.11	\$4,379,183.41	November 8, 2015	November 25, 2015	October 23, 2015



Annex L

Variation Order Request Log

Variation Orders Log:

The following Variation Orders were issued during this reporting period.

Variation Order Requests Log					
VOR No.	Description	Cost Impact (\$)	Time Impact (Calendar Day)	Submission Date	Response Date
VOR-14-00004-JCSI-006-C	Material Submittal no. 14-00004-JCSI-Submittal#037C-Jet-Vac Tanker Truck – Cost Saving.	3000 \$	0	October 28, 2015	Under Review
VOR-14-00004-JCSI-008-A	New asphalted roads and alignments shoulders and sidewalk	15,980 \$	17	October 12, 2015	October 26, 2015
VOR-14-00004-JCSI-009-A	Permanent Project Signs	4,200 \$	0	October 20, 2015	October 26, 2015

USAID WEST BANK/GAZA

American Embassy

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