



**USAID**  
FROM THE AMERICAN PEOPLE

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

**Task Order No: AID-294-TO-15-00009**

**Construction of Reservoirs and Pumping Facilities Package II**  
**MONTHLY PROGRESS REPORT**



**Prepared by: The Morganti Group, Inc.**  
**June, 2016**



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## **Construction Monthly Progress Report**

**Reporting Period: June 1, 2016 – June 30, 2016**

**Contractor: The Morganti Group, Inc.**

### **DISCLAIMER**

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## **MONTHLY PROGRESS REPORT NO. 08**

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## 1. Abbreviation

CD	Calendar Day
CE	Chief Engineer
CEng	Contracts Engineer
CMC	Construction Management Contractor
CMWU	Coastal Municipalities Water Utility
CO	Contracting Officer
COB	Close of Business
COP	Chief of Party
COR	Contracting Officer Representative
CQC	Contractor Quality Control
CQCP	Contractor Quality Control Program
CRMP	Construction Risk Management Plan
CV	Curriculum Vita
DCL	District Civil Liaison
FO	Field Order
GRAMMS	Gaza Reconstruction and Material Monitoring System
HR	High Risk
HSE	Health and Safety Engineer
IQC	Indefinite Quantities Contract
LR	Low Risk
M	Moderate Risk
MH	Medium-High Risk
ML	Medium-Low Risk
MRR	Material Receiving Report
NCN	Non Compliance Notice
NUC	Notice of Unsafe Conditions
O&M	Operation and Maintenance
OSHA	The Occupational Safety and Health Administration
PA	Palestinian Authority
PCO	Project Control Officer
PIO	Public Information Officer
PM	Project Manager
PSU	Program Support Unit
PWA	Palestinian Water Authority
QA	Quality Assurance
QC	Quality Control
RE	Resident Engineers
RFI	Request for Information
RFTOP	Request for Task Order Proposal
SAK	Saqqa and Khoudary
SC	Sub-Contractor
SECO	Safety & Environmental Compliance Officer
SOP	Standard Operating Procedure
TMGI	The Morganti group Inc.
TO	Task Order
TOL	Task Order Leader
TOM	Task Order Manager
USAID	United States Agency for International Development
USG	United States Government
VO	Variation Order
VOR	Variation Order Request
WBG	West Bank Gaza

## 2. Task Order Overview

### 2.1 Description of the Task Order

Infrastructure in Gaza 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, schools, and water & 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 construct two new water reservoirs, two new booster pump stations, and their associated supply and distribution pipelines, in order to improve distribution and increase access to clean drinking water to the population of Gaza.

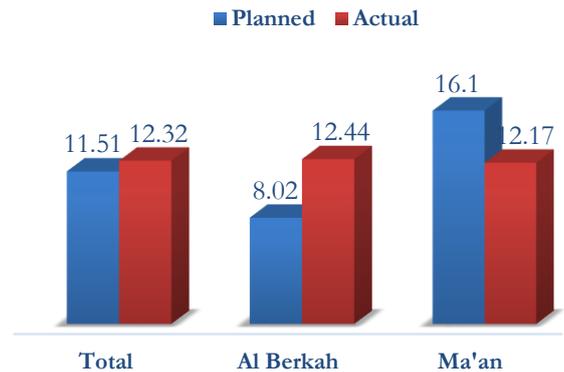
The first area is Al Berkah, located in the Middle Area in Gaza Strip, the Al Berkah project includes the construction of a 3800m<sup>3</sup> ground reservoir and a new Booster Pump Station connected to a new UPVC distribution network with an approximate total length of 2.6 KLM varying in diameter. The second is Ma'an area located south of the Gaza Strip in Khan Younis, the project at Ma'an area includes the construction of a 3800m<sup>3</sup> ground reservoir, and a new Booster Pump Station connected to a new UPVC distribution network varying in diameter.



## 2.2 Projects General Information

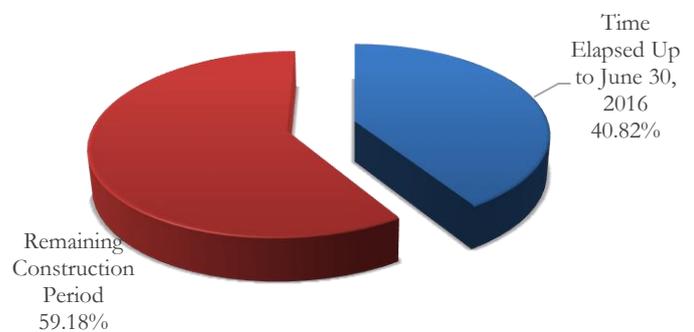
<b>Task Order Name:</b>	Gaza- Construction of Reservoirs and Pumping Facilities Package II
<b>Indefinite Quantity Contract No</b>	AID-294-I-00-12-00002
<b>Task Order No</b>	AID-294-TO-15-00009
<b>Employer</b>	USAID
<b>Contractor</b>	The Morganti Group Inc.
<b>Engineer / CMC</b>	Black & Veatch
<b>Award Date</b>	September 21, 2015
<b>NTP Date</b>	October 26, 2015
<b>Task Order Completion Date</b>	June 26, 2017
<b>Contract Value</b>	\$ 7,391,946.47
<b>BOQ Line Item Amount</b>	\$ 6,941,946.47
<b>Day Work Amount</b>	\$ 450,000
<b>Modified Projects Total Value</b>	----
<b>Modified Day Work</b>	----
<b>Contractual Period of Performance:</b>	610 Calendar Days
<b>Time Elapsed up to June 30, 2016</b>	249 Days
<b>Percentage of time elapsed</b>	40.81%
<b>Contractual End Date:</b>	June 26, 2017

### Progress Chart (June 2016)



Planned and Actual Progress Percentages are based on approved original CPM schedule

### Time Elapsed Up to June 30, 2016



## 2.3 Key Personal (shared among 2 projects)

NO.	Name	Position
1	Ahmed Sharief	Task Order Manager
2	Sameer Khaldi	Quality Control Manager
3	Mohamad Alwadih	Safety & Environmental Compliance Officer
4	Alaa Nakhalla	Project Control Engineer
5	Ghazi Buhaisi	Surveyor

### 3. Scope of Work:

#### 3.1 Project 01: Construction of Al Berkah Reservoir and Pumping Facilities:

##### 3.1.1 Project Description

The Gaza Reservoir and Pumping Facilities project provides bulk water storage, disinfection, blending, and pumping facilities and includes supply water line 1 UPVC 160 mm dia. and 0.807 km length, line 2 UPVC 280 mm dia. and 0.661 km, distribution line UPVC 400mm with 0.1 km length and 355 mm with length 1.28 km

##### 3.1.2 Statement of Work (SOW)

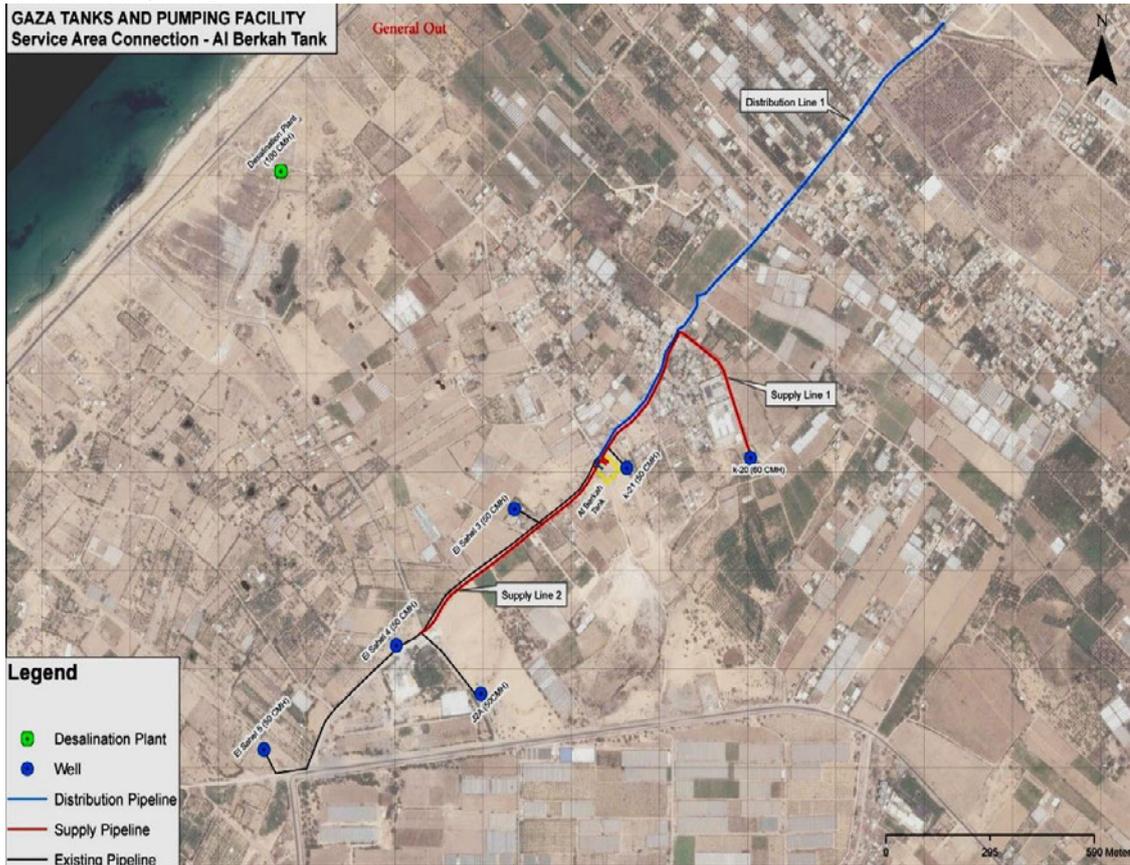
The project consists of the following constructions:

- 1) 3800 CM Reservoir
- 2) Disinfection Building w/ associated chemical feed system
- 3) Distribution Booster Pump Station
- 4) Small E&C Building w/ associated systems
- 5) Guard House w/ Grinder Pump Package Lift Station
- 6) Sanitary sewer, septic tank and seepage pit
- 7) Diesel Generator (Backup power)
- 8) Primary Power Supply & Transformer
- 9) Site Utilities, etc.

##### 3.1.3 Project General Information

<b>Project Location</b>	Middle Area – Al Berkah
<b>Project Value</b>	\$ 3,938,769.99
<b>Modified Project Value</b>	----
<b>Subcontractor</b>	Saqqa and Khoudary (SAK)
<b>Start of Construction</b>	March 28, 2016
<b>Contractual Period of Performance:</b>	610 Calendar Days
<b>Award Date</b>	September 21, 2015
<b>NTP Date</b>	October 26, 2015
<b>Contractual End Date:</b>	June 26, 2017
<b>Modified Period of Performance</b>	----
<b>Modified End Date</b>	----
<b>Estimated Completion Date</b>	June 26, 2017
<b>Planned Percentage of Completion</b>	8.02 %
<b>Actual Percentage of Completion</b>	12.44 %

### 3.1.4 Project Key Map



### 3.1.5 Vantage Photo



### 3.2 Project 02: Construction of Ma'an Reservoir and Pumping Facilities:

#### 3.2.1 Project Description

The Gaza Reservoir and Pumping Facilities project provides bulk water storage, disinfection, blending, and pumping facilities and includes distribution line UPVC 280 mm with 0.106 km.

#### 3.2.2 Statement of Work (SOW)

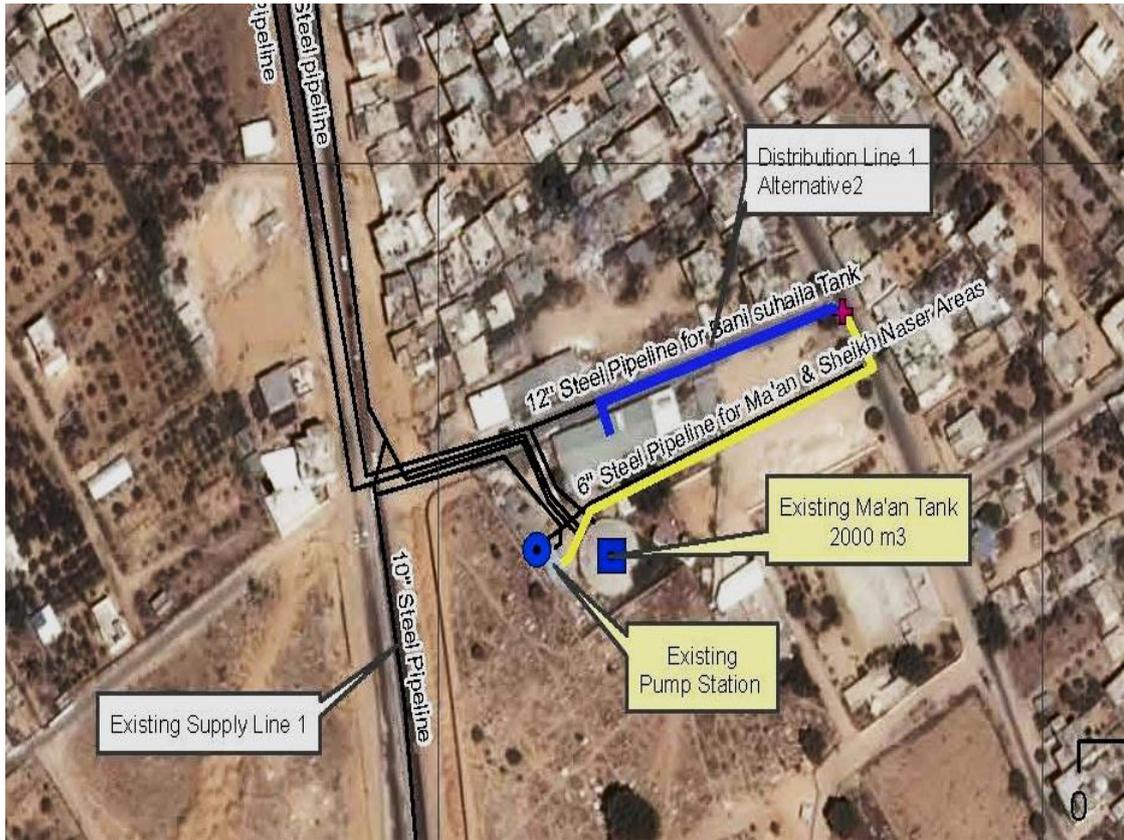
The project consists of the following constructions:

- 1) 3800 CM Reservoir
- 2) Disinfection Building w/ associated chemical feed system
- 3) Distribution Booster Pump Station
- 4) Small E&C Building w/ associated systems
- 5) Sanitary sewer, septic tank and seepage pit
- 6) Diesel Generator (Backup power)
- 7) Primary Power Supply & Transformer
- 8) Site Utilities, etc.

#### 3.2.3 Project General Information

<b>Project Location</b>	Khan Yunis – Ma'an Area
<b>Project Value</b>	\$ 3,003,176.48
<b>Modified Project Value</b>	----
<b>Subcontractor</b>	Saqqa and Khoudary (SAK)
<b>Start of Construction</b>	March 26, 2016
<b>Contractual Period of Performance:</b>	610 Calendar Days
<b>Award Date</b>	September 21, 2015
<b>NTP Date</b>	October 26, 2015
<b>Contractual End Date:</b>	June 26, 2017
<b>Modified Period of Performance</b>	----
<b>Modified End Date</b>	----
<b>Estimated Completion Date</b>	June 26, 2017
<b>Planned Percentage of Completion</b>	16.10 %
<b>Actual Percentage of Completion</b>	12.17 %

### 3.2.4 Project Key Map



### 3.2.5 Vantage Photo



## 4. Safety

Night working procedure for Ma'an project was prepared and submitted for CMC on June 26, 2016 and approved on June 30, 2016.

Two Safety Alerts (Subject: Lost Time Injury- Heavy equipment) were distributed over all employees and also posted on Safety Boards at sites.

Safety plan shall be updated on monthly basis.

### 4.1 Safety Tool Box Meetings

The Safety Tool Box Meetings were conducted on Ma'an & AL Berkah Projects, the following summery give brief about STBM subjects

#### 4.1.1 Project 01 - Al Berkah

Date	Tool Box Meeting No.	Location	Subject	Brief
June 15, 2016	TBM-15-00009-C-E-022	Construction Site	Heavy Equipment	<ul style="list-style-type: none"> <li>The Tool Box Meeting conducted for labors, surveyor &amp; engineers and discussed Heavy Equipment Subject.</li> <li>All the equipment must be properly maintained and in good condition.</li> <li>All operators shall be properly trained on the type of equipment they are operating, and shall hold the appropriate license,</li> <li>Wheel mounted equipment, other than trucks, shall be fitted with a reversing alarm.</li> <li>Only banksman may give instructions to the operator.</li> </ul>
June 30, 2016	TBM-15-00009-BER-C-E-024	Construction Site	Lifting & Rigging	<ul style="list-style-type: none"> <li>The Tool Box Meeting conducted for labors, HIAB Operator, surveyor &amp; engineers and discussed Lifting &amp; Rigging Subject.</li> <li>All the equipment must be properly maintained and in good condition.</li> <li>All crane operators and riggers must be specially trained.</li> <li>Any defective equipment on a crane must be repaired</li> <li>Wheel mounted equipment, crane &amp; trucks, shall be fitted with a reversing alarm.</li> <li>Only banksman may give instructions to the operator.</li> <li>All slings must be inspected daily before use.</li> </ul>

#### 4.1.2 Project 02 – Ma'an

Date	Tool Box Meeting No.	Location	Subject	Brief
June 29, 2016	TBM-15-00009-MAN-C-E-023	Construction Site	Lifting & Rigging	<ul style="list-style-type: none"> <li>The Tool Box Meeting conducted for labors, HIAB Operator, surveyor &amp; engineers and discussed Lifting &amp; Rigging Subject.</li> <li>All the equipment must be properly maintained and in good condition.</li> <li>All crane operators and riggers must be specially trained.</li> <li>Any defective equipment on a crane must be repaired</li> <li>Wheel mounted equipment, crane &amp; trucks, shall be fitted with a reversing alarm.</li> <li>Only banksman may give instructions to the operator.</li> <li>All slings must be inspected daily before use.</li> </ul>

For more details, please refer to Annex L.

## 4.2 Accidents Status

### 4.2.1 Project 01 - Al Berkah

No accidents were reported during this reporting period.

### 4.2.2 Project 02 – Ma'an

No accidents were reported during this reporting period.

## 4.3 Notice of Unsafe Conditions

### 4.3.1 Project 01 - Al Berkah

No notices of unsafe conditions were reported during this reporting period

### 4.3.2 Project 02 – Ma'an

No notices of unsafe conditions were reported during this reporting period

## 5. Environmental Compliance

Morganti submitted updated Environmental Monitoring & Mitigation Plan (EMMP) for CMC approval on June 23, 2016, TMGI is waiting CMC/ B&V response.

Environmental Monitoring and mitigation plan shall be updated on monthly basis.

### 5.1.1 Project 01 - Al Berkah

Environmental Check list was received from CMC for the month of May 2016 and Morganti amended and closed CMC observations and remarks.

No.	Item	Remarks by CMC	Action by Contractor	Status
1.2	Temporary Utilities: toilet facilities; covered water containers; shade are provided. Site sanitation and hygienic conditions are satisfactory	No safe access way for toilet at Rest Shed.	Shaded area & welfare facilities were cleaned	Closed

### 5.1.2 Project 02 – Ma'an

Environmental Check list was received from CMC for the month of May 2016 and Morganti amended and closed CMC observations and remarks.

No.	Item	Remarks by CMC	Action by Contractor	Status
1.5	Waste Management: Good housekeeping; sub-contractors are aware of waste procedure for hazardous and non-hazardous waste (appropriate disposal sites and proper management and reporting of accidental spills or discharges of hazardous waste)	Poor housekeeping practices.	Site housekeeping to be conducted on daily basis	Closed
2.4	Install and maintain mufflers on the exhaust system on all machinery. Limit and control machinery movement within and around work site.	Contractor to provide mufflers for site electricity generators	Generator was removed from site	Closed

6.2	No harm caused by construction upon trees. Maximum effort will be provided to protect existing trees along the ROW of the construction zone especially Mature olive trees.	Potential harm to existing tree	Area was cleaned properly	Closed
6.3	All trees will be sprayed with water periodically to clean them and prevent harm that may be caused by the dust due to construction operations.	Transplanted tree died due to lack of watering and fertilizing. Contractor to replant a new one	Wilting tree is expected during relocated the tree in summer season. Executing Irrigation and fertilizing daily	Closed
12.1	Good housekeeping practices to be applied at all time in the project site	Poor housekeeping was observed from time to time	Site housekeeping to be conducted on daily basis.	Closed

## 6. Traffic Control Measures

### 6.1.1 Project 01 - Al Berkah

Flashers for traffic signs are not available in Gaza local market. Accordingly, we are waiting arrival of these flashers from West Bank in order to use them on site as per traffic control plan requirements.

Traffic signs and barriers are available onsite according to approved TCP. Traffic control plan shall be updated upon condition changes.

### 6.1.2 Project 02 – Ma'an

Flashers for traffic signs are not available in Gaza local market. Accordingly, we are waiting arrival of these flashers from West Bank in order to use them on site as per traffic control plan requirements.

Traffic signs and barriers are available onsite according to approved TCP. Traffic control plan shall be updated upon condition changes.

## 7. Community Outreach

### 7.1.1 Project 01 - Al Berkah

Flyers were distributed for neighbors and Residents in the area in addition to the shops owners and students, teachers and staff of local schools.

People in the area was informed for the purpose of project and scope of work.

### 7.1.2 Project 02 – Ma'an

Flyers were distributed for neighbors and Residents in the area in addition to the shops owners and students, teachers and staff of local schools.

People in the area was informed for the purpose of project and scope of work.

## 8. Risk Management, Mitigation Measures

Construction Risk Management Program (CRMP) was updated and submitted for CMC approval on June 16, 2016 and returned to Morganti with status C (Exceptions Noted), TMGI resubmitted it on June 23, 2016 and approved on June 30, 2016.

Since the procurement and resources are part of project risk concerns, the delay of GRAMMS approval for materials may jeopardize the work progress.

Accordingly, the delay on GRAMMS approval will raise the risk rate to higher level which could cause delay on project completion date.

Tough restrictions on travel permits between Gaza and West Bank is also a project risk concern.

Risk management plan shall be updated on monthly basis.

For more details, please refer to Annex L.

## 9. Gender Plan

Morganti employed one female Office manager. The Subcontractor SAK also hired a female office engineer. Morganti provided sanitary facilities and facilitated the site for females

- No new employments during this month period.

## 10. Coordination and Meetings

Three meetings were held during June 2016:

Coordination Meeting				
Date	Attendees	Subject	Description	Location
June 22, 2016	USAID, CMC/BV, TMGI and SAK	Bi-weekly Progress Meeting #008	To Review Progress of Work, Discuss Project Issues & Provide Solutions where Required.	GAZI AL-Atatrah Primary office
June 26, 2016	BV & TMG	Coordination Meeting No. 018	To Discuss the Water Pumps and VORs	BV Main Office, Ramallah
June 29, 2016	USAID, BV & TMGI	Coordination Meeting No. 020	To Discuss the VORs	BV Main Office, Ramallah

Several internal meetings were held by Morganti in the main office for safety orientation and for the progress of construction and preparation works.

## 11. Site Visitors

The following table shows the site visitors during this reporting period:

Date	Time	Representative	Representing	Remarks
<b>Project 01: Al Berkah</b>				
June 15, 2016	01:00 PM	Eng. Mariam Amro	USAID	
June 21, 2016	12:00 PM	Eng. Mariam Amro	USAID	
June 28, 2016	11:00 AM	Eng. Mariam Amro	USAID	
<b>Project 02: Ma'an</b>				
June 15, 2016	12:00 PM	Eng. Mariam Amro	USAID	
June 21, 2016	01:00 PM	Eng. Mariam Amro	USAID	
June 28, 2016	10:00 AM	Eng. Mariam Amro	USAID	

## 12. Progress and Scheduling

The Construction phase started on March 28, 2016 at Al Berkah Project and on March 26, 2016 at Ma'an Project, whereas the mobilization activities were completed in January 23, 2016.

Preconstruction submittals were submitted and approved, the original CPM resubmitted on May 9, 2016 and approved on May 22, 2016, furthermore, Materials and Shop drawings submittals are ongoing. For more details, please refer to Annex C

## 13. Activities During This Reporting Period

### 13.1 Project 01 - Al Berkah

- a. Continue preparing and submitting the construction submittals.
- b. Formwork / steel rebar and casting RW (Walls) (80%) complete.
- c. Isolating works for the retaining walls (100%) complete.
- d. Prepare formwork and reinforcement for reservoir foundation.
- e. Casting the reservoir foundation.
- f. Backfilling for retaining walls (90%) complete.
- g. Backfilling works for the construction site.
- h. Formwork and casting blinding concrete for Guard House.
- i. Formwork, steel reinforcement and casting for Guard House foundation.
- j. Formwork for the guard house walls.
- k. Formwork for the reservoir's walls.
- l. Formwork blinding concrete for Electrical & Control Room.

### 13.2 Project 02 - Ma'an

- a. Continue preparing and submitting the construction submittals.
- b. Casting the RW (100%) complete.
- c. Isolating works for the retaining walls (100%) complete.
- d. Excavation and installation to relocated the existing storm water drain pipe to nearest drainage manhole
- e. Backfilling for retaining walls (100%) complete.

## 14. Planned Activities for Next Month

### 14.1 Project 01 - Al Berkah

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

- a. Continue preparing and submitting the construction submittals.
- b. Formwork and casting the plain concrete for the Disinfection building.
- c. Formwork, steel reinforcement and casting for the Disinfection building foundation.
- d. Formwork, steel reinforcement and casting for the Disinfection building walls.
- e. Formwork, steel reinforcement and casting for the Guard House walls and columns.
- f. Casting plain concrete for the Electrical & Control Room.
- g. Formwork, steel reinforcement and casting for the Electrical & Control Room foundation.
- h. Formwork, steel reinforcement and casting for the Electrical & Control Room walls.
- i. Formwork, steel reinforcement and casting for the first stage of reservoir walls.

For more details, please refer to Annex B.

### 14.2 Project 02 - Ma'an

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

- a. Continue preparing and submitting the construction submittals.
- b. Demolishing of the old room.
- c. Excavating for the disinfection building foundation.
- d. Formwork and casting the plain concrete for the disinfection building.
- e. Formwork, steel reinforcement and casting the disinfection building foundation.

For more details, please refer to Annex B.

## 15. Indicators

### 15.1 Water sector Task Order Indicator 1: Quantity of drinking water available as a result of USG Assistance

#### 15.1.1 Project 01 - Al Berkah:

	Total number of Beneficiaries	Male		Female	
		No.	%	No.	%
Target	100,394	51,201	51%	49,193	49%
Actual	0	0	0%	0	0%

#### 15.1.2 Project 02 - Ma'an:

	Total number of Beneficiaries	Male		Female	
		No.	%	No.	%
Target	50,409	25,709	51%	24,700	49%
Actual	0	0	0%	0	0%

### 15.2 Water Sector Task Order Indicator 2: Person Days of employment generated for this reporting period

#### 15.2.1 Project 01 - Al Berkah:

	Total number (Person Days)	Male	Female
		No.	No.
Target	16,350	15,582	768
Actual Previously	3,513.2	3,346.0	167.2
Actual during this reporting period	718.9	692.3	26.6
Total actual	4,232.1	4,038.3	193.8

#### 15.2.2 Project 02 - Ma'an:

	Total number (Person Days)	Male	Female
		No.	No.
Target	15,250	13,801	1,449
Actual Previously	2,744.3	2,577.1	167.2
Actual during this reporting period	430.7	404.1	26.6
Total actual	3,175	2,981.2	193.8

## 16. Working / Non – Working Days

During this reporting period, four non–working days occurred; all of them were official holidays (Fridays). The below table summarizes the working and non – working days occur during the reporting period.

### 16.1 Project 01 - Al Berkah:

Total Period of Performance (Original)	610
Total Excusable delays/approved extensions	0
Modified Period of Performance	---
Modified Completion Date	---
No. of Working Days during this reporting Period	26
Accumulated Working Days	209
Total No. of non-working days (Holidays and weekends) during this reporting Period	4
Accumulated non-working days (Holidays and weekends)	35
No. of other non-working days during this month (Rainy Weather)	0
Accumulated other non-working days	5

### 16.2 Project 02 - Ma'an:

Total Period of Performance (Original)	610
Total Excusable delays/approved extensions	0
Modified Period of Performance	---
Modified Completion Date	---
No. of Working Days during this reporting Period	26
Accumulated Working Days	209
Total No. of non-working days (Holidays and weekends) during this reporting Period	4
Accumulated non-working days (Holidays and weekends)	35
No. of other non-working days during this month (Rainy Weather)	0
Accumulated other non-working days	5

## 17. Material & equipment delivered to site

### 17.1 Project 01 – Al Berkah

Ready Mix Concrete, Steel Rebar and Formwork system were delivered to the site,

for more details, refer to Annex A

### 17.2 Project 02 – Ma'an

Ready Mix Concrete, Steel Rebar and Formwork system were delivered to the site,

for more details, refer to Annex A

## 18. Site Memos

### 18.1 Project 01 – Al Berkah

One Record of Non Quality Compliance and one site memo for (Third-Party Test Reports) were issued during this reporting period.

TMGI replied on CMC Record of Non Quality Compliance Site Memo.

for more details, refer to Annex E.

### 18.2 Project 02 – Ma'an

One site memo for (Third-Party Test Reports) was issued during this reporting period.

for more details, refer to Annex E.

## 19. Procurement

### 19.1 Project 01 – Al Berkah

- List of some Civil, Mechanical, Electrical Material are prepared to be ordered.

### 19.2 Project 02 – Ma'an

- List of some Civil, Mechanical, Electrical Material are prepared to be ordered.

## 20. Inspection Requests:

### 20.1 Project 01- Al Berkah:

Forty IRs were submitted to CMC for materials and activities in site.

– For more details please refer to Annex F

### 20.2 Project 02- Ma'an:

Fourteen IRs were submitted to CMC for materials and activities in site.

– For more details please refer to Annex F

## 21. Quality Control

The Quality Control Plan (QCP) was returned back with status B (exceptions noted) on February 16, 2016. TMGI will resubmit it after taking into consideration the CMC comments including the Quality control program that should be followed during the construction phase, 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, phases of inspection system, and documentation procedures. Quality Control Plan shall be updated on monthly basis.

Two Quality notices was received during this report period as follows:

- 1- Site Memo on June 6,2016 at Al Berkah Site regarding fresh concrete temperature.

#### Corrective Action:

Compressive strength 7-Days was satisfactory, compressive strength 28-Days will indicate if the 2°C increase in fresh concrete affected the concrete characteristics.

- 2- NCR on June 29,2016 at Ma'an site regarding the 28-Days concrete compressive strength for the reservoir foundation.

#### Corrective Action:

TMGI is planning to perform core sampling to determine poured concrete compressive strength. It is the industry standard practice that taking cores occurs when the results of tests on standard test cylinders to determine the 28-day compressive strength indicate noncompliance with the specification. Such noncompliance may be due to the fact that the cylinders or cubes may have been incorrectly consolidated (compacted); they may have been damaged in transit, badly cured, or incorrectly tested. TMGI is preparing a corrective plan to be submitted to CMC within next month.

## 22. Testing:

### 22.1 Project 01- Al Berkah:

Soil classification tests, compaction tests, concrete compressive test, trial mixes and steel test were conducted.

for more information, please refer to Annex H

### 22.2 Project 02- Ma'an:

Soil classification tests, compaction tests, concrete compressive test, trial mixes and steel test were conducted.

for more information, please refer to Annex H

## 23. Submittals

### 23.1 Project 01- Al Berkah:

During this reporting period TMGI submitted 43 submittals and received 34 responses from CMC. Construction submittals will continue during the next reporting period. For more information, please refer to Annex G.

Submittals Summary		
No.	Status	Submittals
1	A (No Exceptions)	170
2	B (Exceptions Noted)	64
3	C (Returned for Correction)	184
4	D (Not Acceptable)	18
5	E (Record Copy)	33
6	Retracted	7
7	Under Review	17
	<b>Total</b>	<b>493</b>

### Submittals during this monthly report:

Monthly Submittals		
No.	Status	Submittals
1	A (No Exceptions)	20
2	B (Exceptions Noted)	7
3	C (Returned for Correction)	8
4	D (Not Acceptable)	3
5	E (Record Copy)	3
6	Retracted	1
7	Under Review	1
	<b>Total</b>	<b>43</b>

### 23.2 Project 02- Ma'an:

During this reporting period TMGI submitted 42 submittals and received 32 responses from CMC. Construction submittals will continue during the next reporting period. For more information, please refer to Annex G.

Monthly Submittals		
No.	Status	Submittals
1	A (No Exceptions)	169
2	B (Exceptions Noted)	61
3	C (Returned for Correction)	182
4	D (Not Acceptable)	18
5	E (Record Copy)	32
6	Retracted	8
7	Under Review	16
	<b>Total</b>	<b>486</b>

#### Submittals during this monthly report:

Submittals Summary		
No.	Status	Submittals
1	A (No Exceptions)	19
2	B (Exceptions Noted)	7
3	C (Returned for Correction)	8
4	D (Not Acceptable)	3
5	E (Record Copy)	3
6	Retracted	1
7	Under Review	1
	<b>Total</b>	<b>42</b>

## 24. Request for Information

### 24.1 Project 01- Al Berkah:

Two Requests for Information were issued during this reporting period. TMGI received a response for one RFI.

For more information, please refer to Annex I.

### 24.2 Project 02- Ma'an:

Two Requests for Information were issued during this reporting period. TMGI received a response for Two RFIs.

For more information, please refer to Annex I.

## 25. Transmittals

### 25.1 Correspondence with USAID

Date.	Transmittal No.	Corresponding from /To	Subject
June 1, 2016	By Email	TMGI/ USAID	Revised Construction Monthly Report No.06 for the Month of April 2016
June 1, 2016	By Email	TMGI/ USAID	Water Stop Leak Mastic
June 3, 2016	By Email	USAID/ TMGI	Revised Construction Monthly Report No.06 for the Month of April 2016
June 4, 2016	By Email	TMGI/ USAID	RE: Revised Construction Monthly Report No.06 for the Month of April 2016
June 4, 2016	By Email	USAID/ TMGI	RE: Revised Construction Monthly Report No.06 for the Month of April 2016
June 5, 2016	By Email	TMGI/ USAID	Vetting Request: Bahjat Mohammed Idris Company and his Partner Maher Sleem Habet
June 5, 2016	By Email	TMGI/ USAID	construction Monthly Report No.07 for the Month of May 2016
June 9, 2016	By Email	TMGI/ USAID	Gaz II Please prepare accruals for this quarter
June 13, 2016	By Email	TMGI/ USAID	Donation #02 Material
June 21, 2016	By Email	TMGI/ USAID	Material Status on GRAMM - Pending Approvals
June 21, 2016	By Email	USAID/ TMGI	Designation of new Contracting Officer Representative
June 22, 2016	By Email	TMGI/ USAID	Progress Meeting # 08_Agenda
June 22, 2016	By Email	TMGI/ USAID	Vetting Request: Mohsen Matar Diab Doqmosh
June 27, 2016	By Email	USAID/ TMGI	Progress Payment #03 (Morganti) - (May 27, 2016 - June 16, 2016)
June 28, 2016	By Email	TMGI/ USAID	Material Status on GRAMM - Pending Approvals
June 28, 2016	By Email	TMGI/ USAID	Water Stop Leak Mastic
June 29, 2016	By Email	USAID/ TMGI	Construction Monthly Report No.07 for the Month of May 2016
June 30, 2016	By Email	USAID/ TMGI	Revised Construction Monthly Report No.07 for the Month of May 2016
June 30, 2016	By Email	USAID/ TMGI	Epoxy Material

### 25.2 Correspondence with CMC

Date.	Transmittal No.	Corresponding from /To	Subject
June 1, 2016	By Email	TMGI/BV	Price estimate for SCH 40 rigid PVC
June 1, 2016	By Email	BV/ TMGI	Progress Concern - pump selection
June 2, 2016	By Email	TMGI/BV	RE: Progress Concern - pump selection
June 5, 2016	By Email	BV/ TMGI	RE: Progress Concern - pump selection
June 5, 2016	By Email	TMGI/BV	RE: Progress Concern - pump selection

Date.	Transmittal No.	Corresponding from /To	Subject
June 5, 2016	By Email	TMGI/BV	(VOR Log) Pad mounted
June 5, 2016	By Email	TMGI/BV	Request for Information No. 021_ Received
June 5, 2016	By Email	TMGI/BV	Ma'an changes & Filter Fabric at RW
June 6, 2016	By Email	TMGI/BV	RE: Ma'an changes & Filter Fabric at RW
June 6, 2016	By Email	BV/ TMGI	RE: Ma'an changes & Filter Fabric at RW
June 7, 2016	By Email	TMGI/BV	RE: Ma'an changes & Filter Fabric at RW
June 7, 2016	By Email	TMGI/BV	Request for Information No. 021_ Received
June 8, 2016	By Email	BV/ TMGI	Progress Concern - pump selection
June 8, 2016	By Email	TMGI/BV	RE: Progress Concern - pump selection
June 8, 2016	By Email	TMGI/BV	(VOR Log) up to June 8, 2016
June 8, 2016	By Email	TMGI/BV	Gen Set change request

### 25.3 Transmittals from Contractor to CMC

Contractors – Engineer	Description	Classification	Issued Date	Response Date
<b>TRS-15-00009-GAZII-C-E-128</b>	Impact of Walkthrough for Maan Distribution Pipeline	VOR	June 01, 2016	June 02, 2016
<b>TRS-15-00009-GAZII-C-E-129</b>	Use steel pipes above the ground level instead of DI pipes	RFI	June 02, 2016	June 22, 2016
	Compressive Strength for 28 days of 30 MPa Concrete for RW foundation of part of segment (2-3) and Segment (3-4)	TEST	June 02, 2016	June 06, 2016
	Compressive Strength for 7 days of 14 MPa Concrete for Ma'an RW plain concrete		June 02, 2016	June 06, 2016
<b>TRS-15-00009-GAZII-C-E-130</b>	Compressive Strength for 7 days of 14 MPa Concrete for the Plain Concrete under RW	TEST	June 05, 2016	June 06, 2016
	7 Days Results for 35 MPa-Cylinder Trial Mix -Al Hadetha Company for Ready Mix Concrete		June 05, 2016	June 06, 2016
	Compressive Strength for 28 days of 14 MPa Concrete for the blinding of RW for segment (3-4) and part of segment (2-3).		June 05, 2016	June 06, 2016
	Compressive Strength for 7 days of 14 MPa Concrete for the blinding of Al Berkah reservoir		June 05, 2016	June 06, 2016
	Compressive Strength for 7 days of 30 MPa Concrete for Al Berkah Retaining Wall Segment 1-2 Part C. Segment 2-3 Part A Segment 3-4 Part E		June 05, 2016	June 06, 2016
<b>TRS-15-00009-GAZII-C-E-131</b>	Impact of Walkthrough for Maan Distribution Pipeline	VOR	June 07, 2016	June 8, 2016
	Steel Rebar's Test Reports (Φ20 & Φ25)	TEST	June 07, 2016	June 8, 2016
	Compressive Strength for 7 days of 30 MPa Concrete for Ma'an RW foundation for Segment (6-6A) and segment (6-6B).		June 07, 2016	June 8, 2016
	Al Berkah 3800 m3 Reservoir -Mechanical Shop Drawing	SUB	June 07, 2016	June 22, 2016
	Emergency shower (disinfection building)		June 07, 2016	June 16, 2016

Contractors – Engineer	Description	Classification	Issued Date	Response Date
	LDPE Tube for Disinfection Building		June 07, 2016	June 12, 2016
	Disinfection Building Shop Drawing (MECHANICAL)		June 07, 2016	June 12, 2016
	Al Berkah Electrical & Control Room -electrical shop drawing		June 07, 2016	June 12, 2016
	Ma'an Electrical & Control Room -electrical shop drawing		June 07, 2016	June 12, 2016
	Reservoir Scaffolding Calculation Sheet		June 07, 2016	June 9, 2016
	Al Berkah Disinfection Building Shop Drawing - Structural & Architectural		June 07, 2016	June 14, 2016
	Ma'an Disinfection Building Shop Drawing - Structural & Architectural		June 07, 2016	June 14, 2016
	Ball Valves DN50 & Smaller- Alternative		June 07, 2016	June 8, 2016
	Reservoir Roof Slab & Columns Formwork		June 07, 2016	June 8, 2016
	Al Berkah Reservoir's thimbles Shop Drawings (Mechanical)		June 07, 2016	June 8, 2016
	Ultrasonic Level Transmitters		June 07, 2016	June 8, 2016
	Expansion Joint – Stenflex		June 07, 2016	June 8, 2016
	Maan Reservoir's thimbles Shop Drawings (Mechanical)		June 07, 2016	June 16, 2016
	<b>TRS-15-00009-GAZII-C-E-132</b>		Replace Pad-Mount Transformer by Pole Mount Transformer for Al Berkah Project	VOR
Replace Pad-Mount Transformer by Pole Mount Transformer For Maan Project		June 07, 2016	June 09, 2016	
<b>TRS-15-00009-GAZII-C-E-133</b>	Use of colored PVC conduits for embedded installations instead of rigid schedule 40 PVC conduits.	VOR	June 08, 2016	June 09, 2016
	Increase the Generator Capacity of Ma'an Site to an upgraded Gen P500		June 08, 2016	June 14, 2016
	Compressive Strength for 7 days of 35 MPa Concrete for Ma'an reservoir foundation	TEST	June 08, 2016	June 12, 2016
	Updated CPM Schedule Submittal May 31, 2016	SUB	June 08, 2016	June 19, 2016
	Submittal Schedule Monthly Update of May, 2016		June 08, 2016	June 14, 2016
	Galvanized Steel Roof Vent		June 08, 2016	June 09, 2016
<b>TRS-15-00009-GAZII-C-E-134</b>	Increase the Generator Capacity of Ma'an Site to an upgraded Gen P500	VOR	June 08, 2016	June 14, 2016
<b>TRS-15-00009-GAZII-C-E-135</b>	Al Berkah Guard House Shop Drawing / Structural & Architectural	SUB	June 09, 2016	June 15, 2016
	Compressive Strength for 7 days of 30 MPa Concrete for Al Berkah RW (walls) for part (B, D) of segment (1-2) and part (B, D) of segment (2-3)	TEST	June 09, 2016	June 12, 2016
<b>TRS-15-00009-GAZII-C-E-136</b>	Reservoirs Panel (LCP)- ELECTRICAL SHOP-DRAWING	SUB	June 12, 2016	June 14, 2016
	Expansion Joint – Stenflex		June 12, 2016	June 15, 2016
	Trial Mix 35MPa-Cylinder (Al Tawwn Batch Plant) 28 Days Results	TEST	June 12, 2016	June 13, 2016
	Compressive Strength for 28 days of 28 MPa Concrete for drain pipe encasement under Ma'an reservoir		June 12, 2016	June 13, 2016

Contractors – Engineer	Description	Classification	Issued Date	Response Date
<b>TRS-15-00009-GAZII-C-E-137</b>	Modified Layout for Ma'an No.02 Reservoir.	VOR	June 12, 2016	June 21, 2016
<b>TRS-15-00009-GAZII-C-E-138</b>	Compressive Strength for 7 days of 35 MPa Concrete for Al Berkah reservoir foundation.	TEST	June 13, 2016	June 16, 2016
<b>TRS-15-00009-GAZII-C-E-139</b>	VFD SIEMENS -Alternative	SUB	June 14, 2016	Under Review
	Compressive Strength for 28 days of 30 MPa Concrete for Al Berkah RW walls Segment 1-2 Part A & Segment 3-4 Part (A, C)	TEST	June 14, 2016	June 16, 2016
<b>TRS-15-00009-GAZII-C-E-140</b>	Trial Mix 28MPa-Cylinder (Al Tawwn Batch Plant) + 28 days compressive strength for drain pipe encasement under Al Berkah reservoir	TEST	June 15, 2016	June 19, 2016
	Compressive Strength for 28 days of 30 MPa Concrete for Al Berkah RW walls Segment 2-3 Part F		June 15, 2016	June 19, 2016
	Compressive Strength for 7 days of 30 MPa Concrete for Al Berkah RW walls Segment 1-2 Part E		June 15, 2016	June 19, 2016
	Compaction test for subgrade layer in construction site as shown in attached drawing		June 15, 2016	June 19, 2016
	Increase the Generator Capacity of Ma'an Site to an upgraded Gen P500	VOR	June 15, 2016	June 18, 2016
<b>TRS-15-00009-GAZII-C-E-141</b>	Trial Mix 35 MPa-Cylinder (Al Tahreer Batch Plant) – 28 days	TEST	June 16, 2016	June 19, 2016
	Compressive Strength for 7 days of 30 MPa Concrete for Ma'an RW walls Segment 6-6A Parts (A, C)		June 16, 2016	June 19, 2016
	Compressive Strength for 28 days of 14 MPa Concrete for Plain concrete under Ma'an Reservoir		June 16, 2016	June 23, 2016
	lightning protection system shop drawing	SUB	June 16, 2016	June 19, 2016
	Al Berkah Electrical & Control Building Structural & Architectural Shop Drawing		June 16, 2016	June 23, 2016
	Ma'an Electrical & Control Building Structural & Architectural Shop Drawing		June 16, 2016	June 23, 2016
	Updated Construction Risk Management Program (CRMP) up to May 2016		June 16, 2016	June 19, 2016
<b>TRS-15-00009-GAZII-C-E-142</b>	TO 009-Progress Payment No.003	PAY	June 19, 2016	-
<b>TRS-15-00009-GAZII-C-E-143</b>	Compaction test for backfilling layer in construction site as shown in attached drawing	TEST	June 19, 2016	June 23, 2016
	Compaction test for backfilling layer in construction site as shown in attached drawing		June 19, 2016	June 23, 2016
	Compaction test for backfilling layer in construction site as shown in attached drawing		June 19, 2016	June 23, 2016
	Compressive Strength for 28 days of 30 MPa Concrete for RW (Wall) part (E, G) of segment (2-3) and part (B, D) of segment (3-4).		June 19, 2016	June 23, 2016
	Ma'an Pipeline Shop Drawing	SUB	June 19, 2016	June 23, 2016
	Pressure Reducing Valve		June 19, 2016	Under Review
	Epoxy Bonding Agent		June 19, 2016	June 21, 2016
<b>TRS-15-00009-GAZII-C-E-144</b>	Compressive Strength for 7 days of 30 MPa Concrete for Ma'an RW (Wall) part (B) of segment (6-	TEST	June 20, 2016	June 23, 2016

Contractors – Engineer	Description	Classification	Issued Date	Response Date
	6A) and part (A) of segment (6-6B). Backfilling soil “Sand” for Al Berkah Project		June 20, 2016	June 23, 2016
	Compressive Strength for 28 days of 14 MPa Concrete for the blinding of Al Berkah reservoir		June 20, 2016	June 23, 2016
	Compaction test for backfilling layer in construction site as shown in attached drawing		June 20, 2016	June 23, 2016
	Compaction test for backfilling layer in construction site as shown in attached drawing		June 21, 2016	June 23, 2016
<b>TRS-15-00009-GAZII-C-E-145</b>	Replace Pad-Mount Transformer by Pole Mount Transformer for Al Berkah Project	VOR	June 21, 2016	June 23, 2016
	Replace Pad-Mount Transformer by Pole Mount Transformer for Ma'an Project		June 21, 2016	June 23, 2016
<b>TRS-15-00009-GAZII-C-E-146</b>	Steel Rebar's Test Reports (Φ20 & Φ25)	TEST	June 22, 2016	June 28, 2016
	Compressive Strength for 28 days of 14 MPa Concrete for Ma'an RW plain concrete		June 22, 2016	June 28, 2016
	Compaction test for backfilling layer in construction site as shown in attached drawing		June 22, 2016	June 28, 2016
	Increase the Generator Capacity of Ma'an Site to an upgraded Gen P500	VOR	June 22, 2016	June 30, 2016
<b>TRS-15-00009-GAZII-C-E-147</b>	Float Control Valve ( Al Berkah )	SUB	June 23, 2016	Under Review
	Emergency shower (disinfection building)		June 23, 2016	June 28, 2016
	Emergency Shower (Disinfection Building) - Alternative		June 23, 2016	June 28, 2016
	Float Control Valve ( MAAN )		June 23, 2016	Under Review
	Al Berkah vertical booster pump & motors - Alternative		June 23, 2016	Under Review
	Maan vertical booster pump & motors - Alternative		June 23, 2016	Under Review
	Concrete Ready-Mix Design for D1 (21MPa)		June 23, 2016	Under Review
	Maan Reservoir's thimbles Shop Drawings (Mechanical)		June 23, 2016	June 29, 2016
	Updated Construction Risk Management Program (CRMP) up to May 2016		June 23, 2016	June 30, 2016
	Updated Environmental Monitoring & Mitigation Plan (May, 2016)		June 23, 2016	Under Review
	Operation And Maintenance Manuals for Equipment and System (Table of Content)		June 23, 2016	Under Review
<b>TRS-15-00009-GAZII-C-E-148</b>	Compressive Strength for 7 days of 30 MPa Concrete for Ma'an RW (Wall) part (B) of segment (6-6A) and part (A) of segment (6-6B).	TEST	June 26, 2016	June 28, 2016
	Compressive Strength for 28 days of 30 MPa Concrete for Ma'an RW foundation for Segment (6-6A) and segment (6-6B).		June 26, 2016	June 28, 2016
	Compaction test for backfilling the first layer for inside and outside Ma'an RW of segment (6-6A) and segment (6-6B)		June 26, 2016	June 28, 2016
	Compaction test for backfilling the second layer for inside and outside Ma'an RW of segment (6-6A) and segment (6-6B)		June 26, 2016	June 28, 2016

Contractors – Engineer	Description	Classification	Issued Date	Response Date	
	Compaction test for backfilling the third layer for inside and outside Ma'an RW of segment (6-6A) and segment (6-6B)		June 26, 2016	June 28, 2016	
	Backfilling soil "Sand" for Ma'an RW.		June 26, 2016	June 28, 2016	
	Compressive Strength for 28 days of 30 MPa Concrete for Al Berkah RW walls Segment 1-2 Part C. Segment 2-3 Part (A, C) Segment 3-4 Part E		June 26, 2016	June 28, 2016	
		Precast Manhole 1.50×1.50 m - Shop Drawing	SUB	June 26, 2016	Under Review
		Al Berkha Site Layout – Electrical Shop Drawing		June 26, 2016	Under Review
		PP-R Pipe for Disinfection Building		June 26, 2016	Under Review
		Night Working- Maan		June 26, 2016	June 30, 2016
<b>TRS-15-00009-GAZII-C-E-149</b>	Exterior gate at Al Berkah project	RFI	June 27, 2016	Under Review	
	Exterior gate at Ma'an project		June 27, 2016	Under Review	
	Coordination Plane for Al-Berkah Site	SUB	June 27, 2016	Under Review	
	Method Statement for Internal Epoxy Coating for Steel Pipes Inside Chambers		June 27, 2016	Under Review	
	Method Statement for Repairing Pipes Cement Mortar		June 27, 2016	Under Review	
	Harness Mechanical Coupling for Pump Discharge		June 27, 2016	Under Review	
	Heat Shrinkable Sleeves & Tapes for Pipes		June 27, 2016	Under Review	
<b>TRS-15-00009-GAZII-C-E-150</b>	Steel Rebar's Test Reports (Φ16)	TEST	June 28, 2016	June 29, 2016	
	Compressive Strength for 7 days of 14 MPa Concrete for the blinding of Al Berkah Guard House		June 28, 2016	June 29, 2016	
	Compressive Strength for 28 days of 35 MPa Concrete for Ma'an reservoir foundation.		June 28, 2016	Under Review	
<b>TRS-15-00009-GAZII-C-E-151</b>	TO 009-Progress Payment No.003	PAY	June 29, 2016	-	
<b>TRS-15-00009-GAZII-C-E-152</b>	Electromagnetic Flow Meter – Alternative	SUB	June 29, 2016	Under Review	
	Ultrasonic Level Transmitters		June 29, 2016	Under Review	
	Reservoir Spools Formwork Shop Drawing & Calculation Sheets		June 29, 2016	Under Review	
<b>TRS-15-00009-GAZII-C-E-153</b>	Increase the Generator Capacity of Ma'an Site to an upgraded Gen P500	VOR	June 30, 2016	Under Review	
	Compressive Strength for 28 days of 30 MPa Concrete for Al Berkah RW (walls) for part (B, D) of segment (1-2) and part (B, D) of segment (2-3)	TEST	June 30, 2016	Under Review	

#### 25.4 Transmittals from CMC to Contractor

Engineers – Contractor	Description	Classification	Submitting Date
<b>TRS-15-00009-GAZII-E-C-124</b>	<ol style="list-style-type: none"> <li>Compressive Strength for 7 Days of 28 MPa Concrete for the Drain Pipe under Ma'an Reservoir</li> <li>Steel Rebar's Test Report (Ø20 &amp; Ø25)</li> <li>Trial Mix 14MPa-Cylinder (Al Tawwn Batch Plant)- Compressive Strength Test After 28 Days</li> <li>Compressive Strength for 28 Days of 28 MPa Concrete for the Encasement for Existing Water Pipes under Reservoir</li> <li>Compaction Test for the Compacted Subgrade Layer under Ma'an RW</li> </ol>	TEST	June 01, 2016

	<ol style="list-style-type: none"> <li>6. Compaction Test for Base Course Layer under Ma'an Retaining Wall</li> <li>7. Compressive Strength for 7 Days of 30 MPa Concrete for RW Wall Part A of Segment (1-2) and Part (A, C) of Segment (3-4).</li> <li>8. Compressive Strength for 7 Days of 30 MPa Concrete for RW (Wall) Part F of Segment (2-3)</li> <li>9. Trial Mix 28 MPa-Cylinder (Al Tawwn Batch Plant)</li> <li>10. 7 Days Results for 35 MPa-Cylinder Trail Mix- .AL Hadeha Company for Ready Mix Concrete</li> <li>11. Compressive Strength for 28 Days of 30 MPa Concrete for RW Foundation for Segment (1-2) and Part of Segment (2-3)</li> <li>12. 7 Days Results for 35 MPa-Cylinder Trail Mix- .AL Tahreer Company for Ready Mix Concrete</li> <li>13. Compressive Strength for 7 Days of 30 MPa Concrete for RW (Wall) Part (E, G) of Segment (2-3) and Part (B, D) of Segment (3-4)</li> <li>14. Steel Rebar's Test Report (Ø25)</li> </ol>		
<b>TRS-15-00009-GAZII-E-C-125</b>	<ol style="list-style-type: none"> <li>1. Compressive Strength for 7 days of 14 MPa Concrete for the Plain Concrete under RW</li> <li>2. "Compressive Strength for 7 days of 14 MPa Concrete for plain concrete under Ma'an reservoir"</li> <li>3. Compressive Strength for 28 days of 14 MPa Concrete for the blinding of RW for segment (3-4) and part of segment (2-3).</li> <li>4. Compressive Strength for 7 days of 14 MPa Concrete for the blinding of Al Berkah reservoir</li> </ol>	TEST	June 02, 2016
	<ol style="list-style-type: none"> <li>5. Electromagnetic Flow Meter – Alternative</li> <li>6. "Sealant for Expansion Joint for Reservoir &amp; Retaining Wall- Alternative"</li> </ol>	SUB	
	<ol style="list-style-type: none"> <li>7. Daily Joint Reports from May 29, 2016 to May 31, 2016</li> </ol>	DJR	
<b>TRS-15-00009-GAZII-E-C-126</b>	<ol style="list-style-type: none"> <li>1. Replace Pad-Mount Transformer by Pole Mount Transformer for Al Berkah Project</li> <li>2. Replace Pad-Mount Transformer by pole Mount Transformer for Ma'an project.</li> </ol>	VOR	June 02, 2016
	<ol style="list-style-type: none"> <li>3. Daily Joint Report June 01, 2016</li> </ol>	DJR	
<b>TRS-15-00009-GAZII-E-C-127</b>	<ol style="list-style-type: none"> <li>1. Impact of Walkthrough for Ma'an Distribution Pipeline</li> </ol>	VOR	June 02, 2016
<b>TRS-15-00009-GAZII-E-C-128</b>	<ol style="list-style-type: none"> <li>1. AL Berkah Reservoir's Thimbles Shop Drawings (Mechanical)</li> </ol>	SUB	June 05, 2016
	<ol style="list-style-type: none"> <li>2. Daily Joint Reports from June 02, 2016 to June 03, 2016</li> </ol>	DJR	
<b>TRS-15-00009-GAZII-E-C-129</b>	<ol style="list-style-type: none"> <li>1. Environmental Checklist for Al Berkah May 2016</li> <li>2. Environmental Checklist for Ma'an May 2016</li> </ol>	ECL	June 06, 2016

	<ol style="list-style-type: none"> <li>3. Compressive Strength for 7 Days of 14 MPa Concrete for the Plain Concrete under RW</li> <li>4. 7 Days Results for 35 MPa-Cylinder Trail Mix- AL Hadetha Company for Read Mix Concrete</li> <li>5. Compressive Strength for 28 Days of 14 MPa Concrete for the Blinding of RW for Segment (3-4) and Part of Segment 2-3.</li> <li>6. Compressive Strength for 7 Days of 14 MPa Concrete for the Blinding of AL Berkah Reservoir</li> <li>7. Compressive Strength for 28 Days of 30 MPa Concrete for RW Foundation of Part of Segment (2-3) and Segment (3-4)</li> <li>8. Compressive Strength for 7 Days of 14 MPa Concrete for Ma'an RW Plain Concrete</li> <li>9. Compressive Strength for 7 days of 30 MPa Concrete for Al Berkah Retaining Wall Segment 1-2 Part C. Segment 2-3 Part A Segment 3-4 Part E</li> </ol>	TEST		
<b>TRS-15-00009-GAZII-E-C-130</b>	<ol style="list-style-type: none"> <li>1. Concrete Ready- Mix Design for D1(21MPa)</li> </ol>	SUB	June 06, 2016	
<b>TRS-15-00009-GAZII-E-C-131</b>	<ol style="list-style-type: none"> <li>1. Pressure Reducing Valve</li> <li>2. PLC System-Electrical</li> <li>3. Premium Accuracy Pressure Transmitter</li> </ol>	SUB	June 07, 2016	
<b>TRS-15-00009-GAZII-E-C-132</b>	<ol style="list-style-type: none"> <li>1. Use Colored PVC Conduits Instead of Rigid Schedule 40 PVC Conduits</li> </ol>	VOR	June 07, 2016	
	<ol style="list-style-type: none"> <li>2. Coordinate VFDs with the Generator Set</li> </ol>	RFI		
	<ol style="list-style-type: none"> <li>3. AL Berkah Guard House Shop Drawing / Structural &amp; Architectural</li> </ol>	SUB		
	<ol style="list-style-type: none"> <li>4. Daily Joint Reports from June 04, 2016 to June 06, 2016</li> </ol>	DJR		
<b>TRS-15-00009-GAZII-E-C-133</b>	<ol style="list-style-type: none"> <li>1. Impact of Walkthrough for Ma'an Distribution Pipeline</li> <li>2. Replace Pad-Mount Transformer by Pole Mount Transformer for Al Berkah Project</li> <li>3. Replace Pad-Mount Transformer by Pole Mount Transformer for Ma'an Project</li> </ol>	VOR	June 08, 2016	
	<ol style="list-style-type: none"> <li>4. Steel Rebar's Test Reports (Ø20 &amp; Ø25)</li> <li>5. Compressive Strength for 7 Days of 30 MPa Concrete for Ma'an RW Foundation for Segment (6-6A) and Segment 6-6B</li> </ol>	TEST		
	<ol style="list-style-type: none"> <li>6. Ball Valves DNSO &amp; Smaller- Alternative</li> <li>7. Reservoir Roof Slab &amp; Columns Formwork</li> <li>8. AL Berkah Reservoir's Thimbles Shop Drawings</li> <li>9. Ultrasonic Level Transmitters</li> <li>10. Expansion Joint - Stenflex</li> </ol>	SUB		
<b>TRS-15-00009-GAZII-E-C-134</b>	<ol style="list-style-type: none"> <li>1. Use Colored PVC Conduits Instead of Rigid Schedule 40 PVC Conduits</li> </ol>	VOR	June 09, 2016	
	<ol style="list-style-type: none"> <li>2. Galvanized Steel Roof Vent</li> <li>3. Reservoir Scaffolding Calculation Sheet</li> </ol>	SUB		

<b>TRS-15-00009-GAZII-E-C-135</b>	1. Compressive Strength for 7 Days of 35 MPa Concrete for Ma'an Reservoir Foundation 2. Compressive Strength for 7 Days of 30 MPa Concrete for Al Berkah RW (Walls) for Part (B, D) of Segment (1-2 and Part, D of Segment 2-3	TEST	June 12, 2016
	3. LDPE Tube for Disinfection Building 4. Disinfection Building Shop Drawing -Mechanical 5. Al Berkah Electrical & Control Room -Electrical Shop Drawing 6. Ma'an Electrical & Control Room Electrical Shop Drawing	SUB	
<b>TRS-15-00009-GAZII-E-C-136</b>	1. Compressive Strength for 28 Days of 28 MPa Concrete for Drain Pipe Encasement under Ma'an Reservoir 2. Trial Mix 35MPa-Cylinder (Al Tawwn Batch Plant) 28 Days Results	TEST	June 13, 2016
	3. Daily Joint Reports from June 07, 2016 to June 11, 2016	DJR	
<b>TRS-15-00009-GAZII-E-C-137</b>	1. Increase Generator Capacity of Ma'an Site to an Upgraded Gen P500	VOR	June 14, 2016
	2. Reservoirs Panel (LCP)- Electrical Shop Drawing 3. Al Berkah Disinfection Building Structural & Architectural Shop Drawing 4. Ma'an Disinfection Building Structural & Architectural Shop Drawing	SUB	
<b>TRS-15-00009-GAZII-E-C-138</b>	1. Submittal Schedule Monthly Update of May, 2016	SUB	June 14, 2016
	2. Daily Joint Report June 12, 2016	DJR	
<b>TRS-15-00009-GAZII-E-C-139</b>	1. AL Berkah Guard House Shop Drawing / Structural & Architectural 2. AL Berkah Electrical & Control Building Structural & Architectural Shop Drawing 3. Ma'an Electrical & Control Building Structural & Architectural Shop Drawing 4. Expansion Joint -Stenflex	SUB	June 15, 2016
<b>TRS-15-00009-GAZII-E-C-140</b>	1. Compressive Strength for 7 Days of 35 MPa Concrete for AL Berkah Reservoir Foundation 2. Compressive Strength for 28 Days of 30 MPa Concrete for Al Berkah RW Walls Segment 1-2 Part A & Segment 3-4 Part (A, C)	TEST	June 16, 2016
	3. Emergency Shower (Disinfection Building)	SUB	
<b>TRS-15-00009-GAZII-E-C-141</b>	1. Ma'an Reservoir's Thimbles Shop Drawings (Mechanical)	SUB	June 16, 2016
<b>TRS-15-00009-GAZII-E-C-142</b>	1. Increase Generator Capacity of Ma'an Site to an Upgraded Gen P500	VOR	June 18, 2016

<b>TRS-15-00009- GAZII-E-C-143</b>	1. Trial Mix 28MPa-Cylinder (Al Tawwn Batch Plant) + 28 Days Compressive Strength for Drain Pipe Encasement under Al Berkah Reservoir	TEST	June 19, 2016
	2. Compressive Strength for 28 Days of 30 MPa Concrete for Al Berkah RW Walls Segment 2-3 Part F		
	3. Compressive Strength for 7 Days of 30 MPa Concrete for Al Berkah RW walls Segment 1-2 Part E		
	4. Compaction Test for Subgrade Layer in Construction Site as Shown in Attached Drawing		
	5. Trial Mix 35 MPa-Cylinder (Al Tahreer Batch Plant) - 28 Days		
	6. Compressive Strength for 7 Days of 30 MPa Concrete for Ma'an RW Walls Segment 6-6A Parts (A, C).		
	7. Lightning Protection System Shop Drawing	SUB	
	8. Updated CPM Schedule Submittal May 31, 2016		
	9. Updated Construction Risk Management Program (CRMP) up to May 2016		
<b>TRS-15-00009- GAZII-E-C-144</b>	1. Modified Layout for Ma'an No.02 Reservoir	VOR	June 21, 2016
	2. Daily Joint Reports from June 13, 2016 to June 20, 2016	DJR	
<b>TRS-15-00009- GAZII-E-C-145</b>	1. Use Steel Pipes above the Ground Level Instead of DI Pipes	RFI	June 22, 2016
	2. Al Berkah 3800 m3 Reservoir - Mechanical Shop Drawing	SUB	
<b>TRS-15-00009- GAZII-E-C-146</b>	1. Replace Pad-Mount Transformer by Pole Mount Transformer for Al Berkah Project	VOR	June 23, 2016
	2. Replace Pad-Mount Transformer by Pole Mount Transformer for Ma'an Project		
	3. Daily Joint Report for June 21, 2016	DJR	
<b>TRS-15-00009- GAZII-E-C-147</b>	1. Compressive Strength for 28 Days of 14 MPa Concrete for Plain Concrete under Ma'an Reservoir	TEST	June 23, 2016
	2. Compaction Test for Backfilling Layer in Construction Site as Shown in Attached Drawing		
	3. Compressive Strength for 28 Days of 30 MPa Concrete for RW (Wall) Part (E, G) of Segment (2-3) and Part (B, D) of Segment (3-4)		
	4. Compressive Strength for 28 Days of 14 MPa Concrete for the Blinding of Al Berkah Reservoir		
	5. Compaction Test for Backfilling Layer in Construction Site as Shown in Attached Drawing		
	6. Compaction Test for Backfilling Layer in Construction Site as Shown in Attached Drawing		
	7. Ma'an Pipe Line Shop Drawing	SUB	
	8. Al Berkah Electrical & Control Building Structural & Architectural Shop Drawing		
	9. Ma'an Electrical & Control Building Structural & Architectural Shop Drawing		

<b>TRS-15-00009- GAZII-E-C-148</b>	<ol style="list-style-type: none"> <li>1. Compaction Test for Backfilling Layer in Construction Site as Shown in Attached Drawing</li> <li>2. Compaction Test for Backfilling Layer in Construction Site as Shown in Attached Drawing</li> <li>3. Compressive Strength for 7 Days of 30 MPa Concrete for Ma'an RW (Wall) Part (B) of Segment (6-6A) and Part A of Segment 6-6B.</li> <li>4. Backfilling Soil "Sand" for Al Berkah Project</li> </ol>	TEST	June 23, 2016
<b>TRS-15-00009- GAZII-E-C-149</b>	<ol style="list-style-type: none"> <li>1. Compressive Strength for 7 Days of 30 MPa Concrete for Ma'an RW (Wall) Part (B) of Segment (6-6A) and Part (A) of Segment (6-6B)</li> <li>2. Steel Rebar's Test Reports (Ø20 &amp; Ø25)</li> <li>3. Compressive Strength for 28 Days of 14 MPa Concrete for Ma'an RW Plain Concrete</li> <li>4. Compaction Test for Backfilling Layer in Construction Site as Shown in Attached Drawing</li> <li>5. Compressive Strength for 28 Days of 30 MPa Concrete for Ma'an RW Foundation for Segment (6-6A) and Segment (6-6B)</li> <li>6. Compaction Test for Backfilling the First Layer for Inside and Outside Ma'an RW of Segment (6-6A) and Segment (6-6B)</li> <li>7. Compaction Test for Backfilling the Second Layer for Inside and Outside Ma'an RW of Segment (6-6A) and Segment (6-6B)</li> <li>8. Compaction Test for Backfilling the Third Layer for Inside and Outside Ma'an RW of Segment (6-6A) and segment (6-6B)</li> <li>9. Backfilling Soil "Sand" for Ma'an RW</li> <li>10. Compressive Strength for 28 Days of 30 MPa Concrete for Al Berkah RW Walls Segment 1-2 Part C, Segment 2- 3 Part (r), C), Segment 3-4 Part E</li> </ol>	TEST	June 28, 2016
<b>TRS-15-00009- GAZII-E-C-150</b>	<ol style="list-style-type: none"> <li>1. Steel Rebar's Test Reports (Ø16)</li> <li>2. Compressive Strength for 7 Days of 14 MPa Concrete for the Blinding of Al Berkah Guard House</li> <li>3. Ma'an Reservoir's Thimbles Shop Drawings (Mechanical)</li> </ol>	TEST  SUB	June 29, 2016
<b>TRS-15-00009- GAZII-E-C-151</b>	<ol style="list-style-type: none"> <li>1. Concrete Compressive Strength for Reservoir Foundation</li> </ol>	NCR	June 29, 2016
<b>TRS-15-00009- GAZII-E-C-152</b>	<ol style="list-style-type: none"> <li>1. Updated Construction Risk Management Program (CRMP) up to May 2016</li> <li>2. Night Working- Maan</li> <li>3. Coordination Plane for Al-Berkah Site</li> </ol>	SUB	June 30, 2016

## 26. Task Order General Statistics

NO.	Description	Quantity
1	Shop drawings Submittals	126
2	Material Submittals	332
3	Preconstruction Submittals	56
4	Total Submittals	541
5	QC Submittals	106
6	RFI	25
7	IR (Al Berkah)	103
8	IR (Ma'an)	51

## 27. Payments

Invoice No.	Project	Submitted date	Amount \$	Retention Amount	Amount Received	Received Date
Invoice #001	MAN	January 17, 2016	220,865.61 \$	-	220,865.61 \$	February 9, 2016
	BER	January 17, 2016	168,402.42 \$	-	168,402.42 \$	February 9, 2016
Invoice #002	MAN	May 29, 2016	-	-	-	-
	BER	May 29, 2016	73,182.41 \$	-	73,182.41 \$	June 16, 2016
Invoice #003	MAN	June 29, 2016	28,611.90 \$	-	-	-
	BER	June 29, 2016	175,149.00 \$	-	-	-

## 28. Variation Orders

Vo No.	Description	VO Status: (AP/PE/RE/RJ)			Date sent to B&V	USAID Approval Date	VO Amount	Time Ex.
		TMGI	B&V	USAID				
	No VOs were issued during this reporting period							

## 29. Variation Order Requests

No.	VOR No.	Description	Cost (\$)	Time (Calendar Day)	Status
1	VOR-15-00009-GAZII-001-A	The work required for the construction of retaining wall includes excavation, backfilling and reinforced concrete work in Ma'an Project	\$ 21,758.04	0	Accept with exceptions
2	VOR-15-00009-GAZII-001-B	The work required for the construction of retaining wall includes excavation, backfilling and reinforced concrete work in Ma'an Project	\$ 21,227.04	0	Noted with comments
3	VOR-15-00009-GAZII-001-C	The work required for the construction of retaining wall includes excavation, backfilling and reinforced concrete work in Ma'an Project	\$ 22,511.44	0	Noted
4	VOR-15-00009-GAZII-002-A	Purchase and delivered the additional quantities of UPVC pipes fittings, restrained joints and FA	\$ 15,225.00	0	Contractor to provide price breakdown
5	VOR-15-00009-GAZII-002-B	Purchase and delivered the additional quantities of UPVC pipes fittings, restrained joints and FA	\$ 15,225.00	0	To re-submit the VOR taking into consideration discussion with Morganti.
6	VOR-15-00009-GAZII-002-C	Purchase and delivered the additional quantities of UPVC pipes fittings, restrained joints and FA	\$ 14,486.00	0	Noted
7	VOR-15-00009-GAZII-003-A	Use of Steel Mini Guard in lieu of Concrete New Jersey Barriers during trench excavation, pipe laying and back-filling operations.	\$ -	0	To submit price comparison analysis
8	VOR-15-00009-GAZII-003-B	Use of Steel Mini Guard in lieu of Concrete New Jersey Barriers during trench excavation, pipe laying and back-filling operations.	\$ -	0	To re-submit the VOR taking into consideration last response
9	VOR-15-00009-GAZII-003-C	Use of Steel Mini Guard in lieu of Concrete New Jersey Barriers during trench excavation, pipe laying and back-filling operations.	\$ -	0	Noted
10	VOR-15-00009-GAZII-004-A	Use of colored PVC conduits for embedded installations instead of rigid schedule 40 PVC conduits.	\$ -	0	To revise and provide supporting documents
11	VOR-15-00009-GAZII-004-B	Use of colored PVC conduits for embedded installations instead of rigid schedule 40 PVC conduits.	\$ -	0	Considered a cost saving
12	VOR-15-00009-GAZII-004-C	Use of colored PVC conduits for embedded installations instead of rigid schedule 40 PVC conduits.	\$ (1,380.00)	0	Noted
13	VOR-15-00009-GAZII-005-A	GFCI Receptacle	\$ -	0	Noted
14	VOR-15-00009-GAZII-006-A	Al Berkah Retaining Wall as SM # 2	\$ 48,265.10	0	Noted with comments
15	VOR-15-00009-GAZII-006-B	Al Berkah Retaining Wall as SM # 2	<del>\$ 48,265.10</del>	0	Retracted
16	VOR-15-00009-GAZII-006-B	Al Berkah Retaining Wall as SM # 2	\$ 49,413.20	0	Noted with comments
17	VOR-15-00009-GAZII-006-C	Al Berkah Retaining Wall as SM # 2	\$ 47,104.40	0	Noted
18	VOR-15-00009-GAZII-007-A	Use of PE pipe PN12.5 instead of PVC-U pipe PN16	\$ -	0	Prices is to revise
19	VOR-15-00009-GAZII-007-B	Use of PE pipe PN12.5 instead of PVC-U pipe PN16	\$ -	0	Noted with comments
20	VOR-15-00009-GAZII-007-C	Use of PE pipe PN12.5 instead of PVC-U pipe PN16	\$ -	0	Noted
21	VOR-15-00009-GAZII-008-A	Soil Replacement under Ma'an Reservoir and Backfilling under Al berkah Reservoir	\$ -	0	to provide cost analysis
22	VOR-15-00009-GAZII-008-B	Soil Replacement under Ma'an Reservoir and Backfilling under Al berkah Reservoir	\$ -	0	Noted
23	VOR-15-00009-GAZII-009-A	Impact of Walkthrough for Al Berkah Supply line 1, Supply line 2 & Distribution Line.	\$ 46,446.40	0	Response
24	VOR-15-00009-GAZII-009-B	Impact of Walkthrough for Al Berkah Supply line 1, Supply line 2 & Distribution Line.	\$ 8,153.60	0	Noted
25	VOR-15-00009-GAZII-010-A	Impact of Walkthrough for Maan Distribution Pipeline.	\$ 4,394.80	0	Response
26	VOR-15-00009-GAZII-010-B	Impact of Walkthrough for Maan Distribution Pipeline.	\$ 9,794.80	0	to provide supporting document
27	VOR-15-00009-GAZII-010-C	Impact of Walkthrough for Maan Distribution Pipeline.	\$ (13,485.20)	0	Noted
28	VOR-15-00009-GAZII-011-A	Replace Pad-Mount Transformer by Pole Mount Transformer For Al Berkah Project	\$ 81,188.00	21	to provide supporting document

No.	VOR No.	Description	Cost (\$)	Time (Calendar Day)	Status
29	VOR-15-00009-GAZII-011-B	Replace Pad-Mount Transformer by Pole Mount Transformer For Al Berkah Project	\$ 76,250.00	21	Noted
30	VOR-15-00009-GAZII-011-C	Replace Pad-Mount Transformer by Pole Mount Transformer For Al Berkah Project	\$ 72,652.00	21	Price is high
31	VOR-15-00009-GAZII-012-A	Replace Pad-Mount Transformer by Pole Mount Transformer For Maan Project	\$ 112,039.00	21	to provide supporting document
32	VOR-15-00009-GAZII-012-B	Replace Pad-Mount Transformer by Pole Mount Transformer For Maan Project	\$ 107,905.00	21	to provide supporting document
33	VOR-15-00009-GAZII-012-C	Replace Pad-Mount Transformer by Pole Mount Transformer For Maan Project	\$ 95,555.00	21	Price is high
34	VOR-15-00009-GAZII-013-A	Increase the Generator Capacity of Ma'an Site to an upgraded Gen P500	<del>\$ 40,000.00</del>	0	Retracted
35	VOR-15-00009-GAZII-013-A	Increase the Generator Capacity of Ma'an Site to an upgraded Gen P500	\$ 50,000.00	0	to provide supporting document
36	VOR-15-00009-GAZII-013-B	Increase the Generator Capacity of Ma'an Site to an upgraded Gen P500	\$ 50,000.00	0	Price is high
37	VOR-15-00009-GAZII-013-C	Increase the Generator Capacity of Ma'an Site to an upgraded Gen P500	<del>\$ 50,000.00</del>	0	Retracted
38	VOR-15-00009-GAZII-013-C	Increase the Generator Capacity of Ma'an Site to an upgraded Gen P500	\$ 45,000.00	0	Under Review
39	VOR-15-00009-GAZII-014-A	Modified Layout for Ma'an No.02 Reservoir	\$ 86,354.70	45	Price is high

### 30. Obstacles and Challenges

#### 30.1 Project 01: Al Berkah

- No obstacles observed until this reporting period.

#### 30.2 Project 02: Ma'an

- No obstacles observed until this reporting period.

### 31. Progress Photos

#### 31.1 Project 01: Al Berkah Reservoir and Pumping Facilities

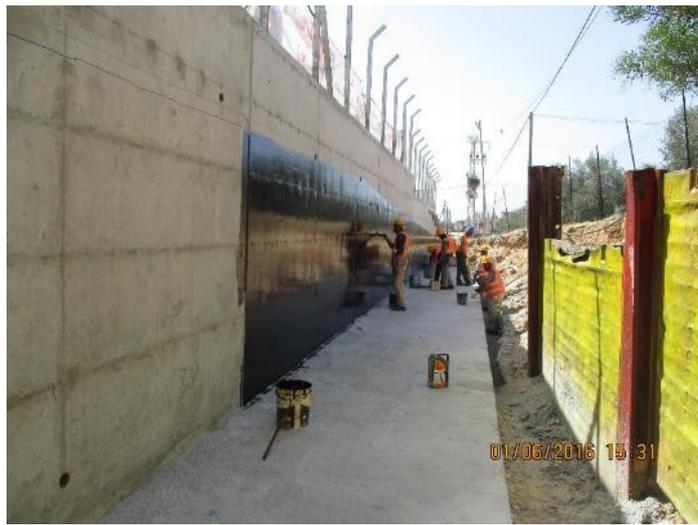


Photo #01 (Furnish the Primer Layer for Walls and Footings.)



Photo #02 (Casting Concrete for RW Walls)



Photo #03 (Casting Concrete for the Reservoir Foundation)



Photo #04 (Casting Concrete for the Reservoir Foundation)

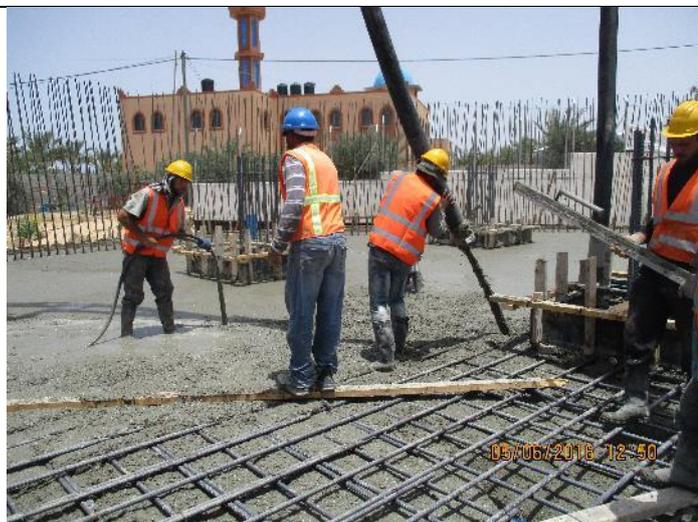


Photo #05 (Casting Concrete for the Reservoir Foundation)



Photo #06 (Mechanical Troweling for Concrete Face and install the Steel Angles to make the Grooves)



Photo #07 (Backfilling Works)



Photo #08 (Furnish Hot Bitumen Coating for the RW (Walls and Footings))



Photo #09 (Backfilling, Leveling and Compaction in Site)



Photo #10 (USAID COR Visit)



Photo #11 (Backfilling, Leveling and Compaction in Site)



Photo #12 (Taking Samples for Compaction of Construction Site)



**Photo #13 (Backfilling, Leveling and Compaction in Site)**



**Photo #14 (Casting the Plain Concrete for Guard House)**



**Photo #15 (Backfilling, Leveling and Compaction in Site)**



**Photo #16 (Taking Samples for Compaction of Construction Site)**



**Photo #17 (Formwork / Steel Reinforcement for the Guard House Foundation)**



**Photo #18 (Casting Concrete for the Guard House Foundation)**



**Photo #19 (Shuttering Works for the Guard House Walls)**



**Photo #20 (Start Shuttering the First Face for the Reservoir's Walls)**



**Photo #21 (Start Shuttering the First Face for the Reservoir's Walls)**



**Photo #22 (Start Shuttering the First Face for the Reservoir's Walls)**

**31.2 Project 02: Ma'an Reservoir and Pumping Facilities**



**Photo #01 (Shuttering the First Face for the RW Walls)**



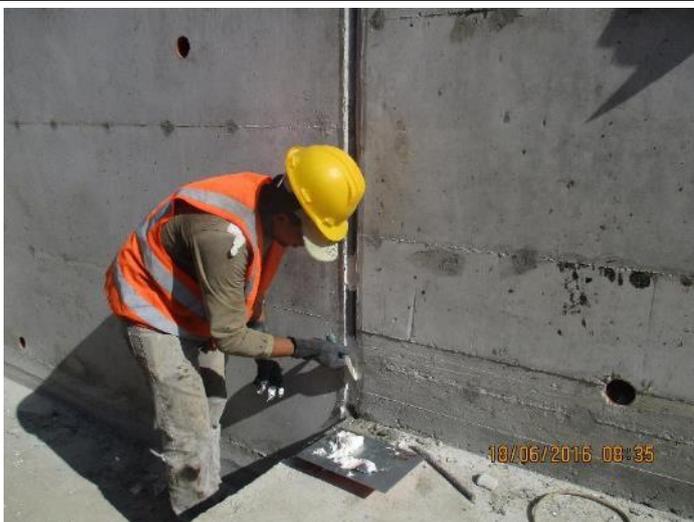
**Photo #02 (Compaction and Leveling the First Layer under Reservoir)**



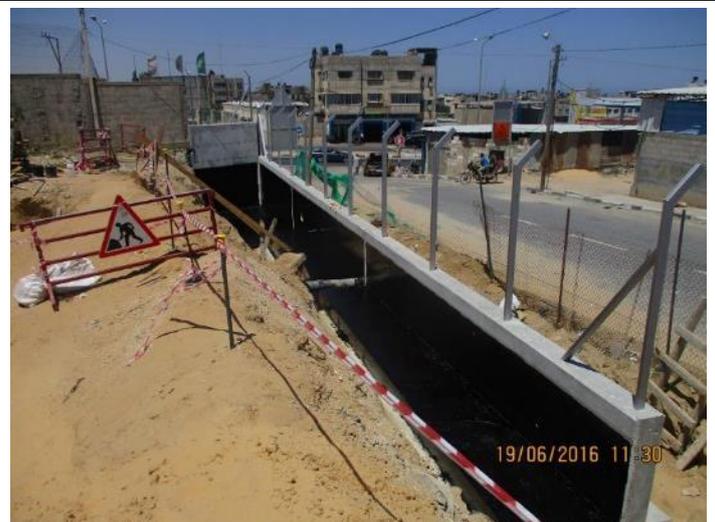
**Photo #03 (Casting Concrete for the RW Walls for Part (A) of Segment (6-6A) Part (B) of Segment (6-6B)**



**Photo #04 (Preparing RW to Start Coating)**



**Photo#05 (Preparing RW to Start Coating)**



**Photo #06 (Primer Coating for the External & Internal Sides of RW)**



**Photo #07 (Hot Bitumen Coating for the External & Internal Sides of RW)**



**Photo #08 (Backfilling for RW)**



**Photo #09 (Backfilling for RW)**



**Photo #10 (Construction Site)**

# ANNEXES

# **Annex A - Materials- Equipment Receiving Log**

1. **Project 01: Al Berkah:**  
**Materials Delivered on Site:**

Date	Description	Quantity
June 1, 2016	30 MPa Concrete	23 cu. M
June 2, 2016	steel rebar Ø 25	30 tons
	steel rebar Ø 20	3 tons
	Bitumen (60/70)	400 Liter
June 5, 2016	35 MPa Concrete	282 cu. M
June 7, 2016	30 MPa Concrete	5.5 cu. M
June 12, 2016	Steel Rebar Ø25	5.8 tons
June 18, 2016	Sand	60 cu. M
	Water	21 cu. M
June 19, 2016	Sand	400 cu. M
	water	14 cu. M
June 20, 2016	water	7 cu. M
	14 MPa Concrete	3 cu. M
June 21, 2016	Water	7 cu. M
	Sand	220 cu. M
June 22, 2016	Steel Rebar Ø16	12 tons
	Sand	80 cu. M
June 28, 2016	35 MPa Concrete	6 cu. M
	Formwork system	-
June 30, 2016	Calcareous Sand	80 cu. M

**Equipment on Site:**

DATE	Equipment Type		Equipment Type		Equipment Type		Equipment Type		Equipment Type	
	Loader, CAT 950F, 2001		Crane, F12		Concrete pump, Putzmeister		Mixer, Volvo 400		Truck	
	Quantity in Use	Quantity Idle	Quantity in Use	Quantity Idle	Quantity in Use	Quantity Idle	Quantity in Use	Quantity Idle	Quantity in Use	Quantity Idle
June 1, 2016					1	-	3	-		
June 2, 2016	1	-							1	-
June 5, 2016					3	-	33	-		
June 7, 2016					1	-	1	-		
June 12, 2016	1	-	1	-						
June 14, 2016	1	-	1	-					1	-
June 15, 2016	1	-	1	-						
June 18, 2016	1	-								
June 19, 2016	1	-								
June 20, 2016	1	-					1	-		
June 21, 2016	1	-								
June 22, 2016	1	-								
June 23, 2016	1	-								
June 28, 2016			1	-	1	-	1	-		
June 29, 2016	1	-	1	-						
June 30, 2016	1	-	1	-					1	-
<b>Total of Month</b>	<b>12</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>39</b>	<b>0</b>	<b>3</b>	<b>0</b>

2. **Project 02: Ma'an:**  
**Materials Delivered on Site:**

Date	Description	Qty
June 7, 2016	30 MPa Concrete	7 cu. M
June 12, 2016	30 MPa Concrete	7 cu. M
	Sand	60 cu. M
	Steel Rebar Ø25	5.8 tons
June 14, 2016	Steel Rebar Ø20	30 tons
June 15, 2016	Sand	30 cu. M
June 20, 2016	Sand	40 cu. M
June 23, 2016	Sand	20 cu. M

**Equipment on Site:**

DATE	Equipment Type		Equipment Type		Equipment Type		Equipment Type		Equipment Type		Equipment Type	
	Loader, CAT 950E, 2001		Truck, Volvo		Backhoe, (JCB) CAT		Crane, F12		Concrete pump, Putzmester		Mixer, Volvo 400	
	Quantity in Use	Quantity Idle	Quantity in Use	Quantity Idle	Quantity in Use	Quantity Idle	Quantity in Use	Quantity Idle	Quantity in Use	Quantity Idle	Quantity in Use	Quantity Idle
June 7, 2016									1	-	1	-
June 12, 2016	1	-	3	-					1	-	1	-
June 15, 2016	1	-										
June 19, 2016	1	-			1	-						
June 20, 2016	1	-										
June 22, 2016	1	-										
June 23, 2016	1	-										
June 25, 2016							1	-				
June 26, 2016							1	-				
June 28, 2016							1	-				
June 29, 2016							1	-				
<b>Total of Month</b>	<b>6</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>

# Annex B - One Month Look Ahead

Note:

- The attachment is based on the approved original CPM schedule

**TO 15-09 GAZII - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package II**



02-Jul-16 14:47

Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018											
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A					
<b>TO 15-09 GAZII - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package II</b>					10-Sep-17, TO 15-09 GA																																			
<b>Milestones</b>					10-Sep-17, Milestones																																			
<b>Construction Phase</b>					26-Aug-17, Construction P																																			
<b>Construction Submittals</b>					25-Aug-16, Construction Submitt...																																			
<b>Shop drawing Submittals</b>					25-Aug-16, Shop drawing Submitt...																																			
<b>Shop drawing Submittals for Project 1 - Al Berkah Reservoir and Pumping Facilities</b>					25-Aug-16, Shop drawing Submitt...																																			
<b>Shop drawing Submittals for Al Berkah Reservoir and Pumping Facilities</b>					25-Aug-16, Shop drawing Submitt...																																			
<b>Shop drawing submittals for Al Berkah Reservoir - 3,800 m3</b>					22-Aug-16, Shop drawing submitt...																																			
BER-SD-RES-1070	Review & Approval of Mechanical shopdrawing for Al Berkah Reservoir	21.00	25-Jan-16 A	19-Jul-16	Review & Approval of Mechanica...																																			
BER-SD-RES-1100	Prep. & Sub. of Coordination Shop drawing for Al Berkah Reservoir	15.00	19-Jul-16	06-Aug-16	Prep. & Sub. of Coordination S...																																			
BER-SD-RES-1140	Preparation and Submission of Float Indicator Location & Details shop Drawing for Al Berkah Reservoir	10.00	24-Jul-16	04-Aug-16	Preparation and Submission of ...																																			
BER-SD-RES-1160	Preparation and Submission of Piping Plan & Sections shop Drawing for Al Berkah Reservoir	15.00	02-Jul-16	24-Jul-16	Preparation and Submission of ...																																			
BER-SD-RES-1170	Review & Approval of Piping Plan & Sections shop Drawing for Al Berkah Reservoir	21.00	24-Jul-16	22-Aug-16	Review & Approval of Piping PL...																																			
<b>Shop drawing submittals for Al Berkah Disinfection Building</b>					10-Aug-16, Shop drawing submitt...																																			
BER-SD-DIS-1100	Preparation and Submission of Excavation Plan shop Drawing for Al Berkah Disinfection Building	5.00	02-Jul-16	12-Jul-16	Preparation and Submission of ...																																			
BER-SD-DIS-1110	Review & Approval of Excavation Plan shop Drawing for Al Berkah Disinfection Building	21.00	12-Jul-16	10-Aug-16	Review & Approval of Excavatio...																																			
<b>Shop drawing submittals for Al Berkah Booster Pump Station</b>					21-Aug-16, Shop drawing submitt...																																			
BER-SD-BP-1020	Prep. & Sub. of Mechanical shopdrawing for Al Berkah Booster Pump Station	9.00	02-Jul-16	17-Jul-16	Prep. & Sub. of Mechanical sho...																																			
BER-SD-BP-1030	Review & Approval of Mechanical shopdrawing for Al Berkah Booster Pump Station	21.00	17-Jul-16	15-Aug-16	Review & Approval of Mechanica...																																			
BER-SD-BP-1100	Preparation and Submission of Flow Meters Mechanical shop drawing for Al Berkah Booster Pump Station	5.00	17-Jul-16	23-Jul-16	Preparation and Submission of ...																																			
BER-SD-BP-1110	Review & Approval of Flow Meters Mechanical shop drawing for Al Berkah Booster Pump Station	21.00	24-Jul-16	21-Aug-16	Review & Approval of Flow Mete...																																			
BER-SD-BP-1120	Preparation and Submission of Piping Layout shop Drawing for Al Berkah Booster Pump Station	5.00	02-Jul-16	12-Jul-16	Preparation and Submission of ...																																			
BER-SD-BP-1130	Review & Approval of Piping Layout shop Drawing for Al Berkah Booster Pump Station	21.00	12-Jul-16	10-Aug-16	Review & Approval of Piping La...																																			
<b>Shop drawing submittals for Al Berkah Primary Power and Supply Transformer</b>					25-Aug-16, Shop drawing submitt...																																			
BER-SD-T-1000	Preparation and Submission of Shopdrawing for Al Berkah Primary Power and Supply Transformer	5.00	21-Jul-16	27-Jul-16	Preparation and Submission of ...																																			
BER-SD-T-1010	Review & Approval of Shopdrawing for Al Berkah Primary Power and Supply Transformer	21.00	27-Jul-16	25-Aug-16	Review & Approval of Shopdrawi...																																			
<b>Shop drawing submittals for Al Berkah Site Work - Site Utilities</b>					23-Aug-16, Shop drawing submitt...																																			
BER-SD-RES-1012	Preparation and Submission of Excavation Plan for Al Berkah Reservoir	5.00	19-Feb-16 A	02-Jul-16	Preparation and Submission of ...																																			
BER-SD-RES-1013	Review & Approval of Excavation Plan for Al Berkah Reservoir	21.00	21-Feb-16 A	03-Jul-16	Review & Approval of Excavatio...																																			
BER-SD-RES-1180	Preparation and Submission of Septic tank for Al Berkah site	5.00	02-Jul-16	12-Jul-16	Preparation and Submission of ...																																			
BER-SD-RES-1190	Review & Approval of Septic tank for Al Berkah site	21.00	12-Jul-16	10-Aug-16	Review & Approval of Septic ta...																																			
BER-SD-RES-1200	Preparation and Submission of Valve Vault for Al Berkah site	5.00	19-Jul-16	25-Jul-16	Preparation and Submission of ...																																			
BER-SD-RES-1210	Review & Approval of Valve Vault for Al Berkah site	21.00	25-Jul-16	23-Aug-16	Review & Approval of Valve Vau...																																			
BER-SD-RES-1240	Preparation and Submission of Exterior Gate for Al Berkah site	5.00	02-Jul-16	12-Jul-16	Preparation and Submission of ...																																			
BER-SD-RES-1250	Review & Approval of Exterior Gate for Al Berkah site	21.00	12-Jul-16	10-Aug-16	Review & Approval of Exterior ...																																			
<b>Shop drawing submittals for Al Berkah Supply &amp; Distribution Pipelines</b>					22-Aug-16, Shop drawing submitt...																																			
<b>Shop drawing submittals for Supply Line 1 (DN 160mm) &amp; Distribution Pipe 1 (DN 400mm, 355mm)</b>					22-Aug-16, Shop drawing submitt...																																			
BER-SD-SDP-1010	Review & Approval of Shop drawing for Supply and Distribution Pipes from BS1 1+000 to BS1 1+430 (160mm, 355mm, 40	21.00	03-Jul-16	04-Aug-16	Review & Approval of Shop draw...																																			
BER-SD-SDP-1020	Prep. & Sub. Shop drawing for Supply pipe 1 from BS1 1+430 To Station BS1 1+807.41 (DN 160mm)	15.00	02-Jul-16	24-Jul-16	Prep. & Sub. Shop drawing for ...																																			
BER-SD-SDP-1030	Review & Approval of Shop drawing for Supply pipe 1 from BS1 1+430 To Station BS1 1+807.41 (DN 160mm)	21.00	24-Jul-16	22-Aug-16	Review & Approval of Shop draw...																																			
BER-SD-SDP-1160	Prep. & Sub. Shop drawing for Distribution pipe 1 from BD1 1+430 To Station BD1 2+228.13 (DN 355mm)	15.00	24-Jul-16	10-Aug-16	Prep. & Sub. Shop drawing for ...																																			
<b>Valves and Vaults</b>					22-Aug-16, Valves and Vaults																																			
<b>Combination Air Valve Chambers</b>					10-Aug-16, Combination Air Val...																																			
BER-SD-SDP-1260	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 355mm	5.00	02-Jul-16	12-Jul-16	Prep. & Sub. Shop drawing for ...																																			
BER-SD-SDP-1270	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 355mm	21.00	12-Jul-16	10-Aug-16	Review & Approval of Shop draw...																																			
BER-SD-SDP-1300	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 280mm	5.00	02-Jul-16	12-Jul-16	Prep. & Sub. Shop drawing for ...																																			
BER-SD-SDP-1310	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 280mm	21.00	12-Jul-16	10-Aug-16	Review & Approval of Shop draw...																																			
BER-SD-SDP-1320	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 160mm	5.00	02-Jul-16	12-Jul-16	Prep. & Sub. Shop drawing for ...																																			

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













# Annex C - Updated and Detailed Schedule

Note:

- The attachment is based on the approved CPM schedule

**TO 15-09 GAZII - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package II**

02-Jul-16 14:44



Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018			
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J
<b>TO 15-09 GAZII - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package II</b>																																
<b>Milestones</b>																																
<b>General Milestones</b>																																
A1000	Notice To Proceed (NTP)	0.00	26-Oct-15 A		◆ Notice To Proceed (NTP)																								10-Sep-17, TO 15-09 GA			
A1010	Project Duration	463.63	26-Oct-15 A	10-Sep-17																									Project Duration			
A1020	Completion Date	0.00		10-Sep-17*																									◆ Completion Date			
<b>Intermediate Milestones</b>																																
GAZII-IA-01	Start of Mobilization	0.00	26-Oct-15 A		◆ Start of Mobilization																								31-Jul-17, Intermediate Milest			
GAZII-IA-02	Finish of Mobilization	0.00		18-Jan-16 A	◆ Finish of Mobilization																											
GAZII-IA-03	Start of Pre-Construction Submittals	0.00	26-Oct-15 A		◆ Start of Pre-Construction Subm...																											
GAZII-IA-04	Finish of Pre-Construction Submittals	0.00		01-Jul-16	◆ Finish of Pre-Construction Sub...																											
GAZII-IA-05	Start of Construction Submittals	0.00	26-Oct-15 A		◆ Start of Construction Submitta...																											
GAZII-IA-06	Finish of Construction Submittals	0.00		20-Nov-16	◆ Finish of Construction Submitt...																											
GAZII-IA-07	Start of Construction at Project 01 - Al Berkah Reservoir and Pumping Facilities	0.00	29-Mar-16 A		◆ Start of Construction at Proje...																											
GAZII-IA-08	Finish of Construction at Project 01 - Al Berkah Reservoir and Pumping Facilities	0.00		15-Jul-17	◆ Finish of Construction at Proj...																											
GAZII-IA-09	Start of Construction at Project 2 - Ma'an Reservoir and Pumping Facilities	0.00	04-Feb-16 A		◆ Start of Construction at Proje...																											
GAZII-IA-10	Finish of Construction at Project 2 - Ma'an Reservoir and Pumping Facilities	0.00		31-Jul-17	◆ Finish of Construction at Proj...																											
<b>Preconstruction Phase</b>																																
<b>Mobilization</b>																																
GAZII - MOB0999	Construction Site Handover and Receive Conformed Drawings	1.00	26-Oct-15 A	27-Oct-15 A	I Construction Site Handover and...																											
GAZII - MOB1000	Pre-Construction Dilapidation Survey	5.00	19-Nov-15	23-Nov-15	I Pre-Construction Dilapidation ...																											
GAZII - MOB1010	Provide, furnish and erect Temporary Project Signs	2.00	26-Dec-15	29-Dec-15	I Provide, furnish and erect Tem...																											
GAZII - MOB1020	Supply and furnish Field Office Furniture and Miscellaneous	2.00	30-Dec-15	31-Dec-15	I Supply and furnish Field Offic...																											
GAZII - MOB1030	Supply and install Field Office Computer Systems and IT Equipments	2.00	02-Jan-16 A	18-Jan-16 A	I Supply and install Field Offic...																											
GAZII - MOB1040	Arrange for and erect Contractor's work and Storage Yards	2.00	22-Dec-15	31-Dec-15	I Arrange for and erect Contract...																											
GAZII - MOB1060	Post OSHA-required notices and establish safety programs	2.00	22-Dec-15	31-Dec-15	I Post OSHA-required notices and...																											
GAZII - MOB1070	Installation of Temporary Facilities as per section 01500	5.00	03-Dec-15	31-Dec-15	I Installation of Temporary Faci...																											
<b>Preconstruction Submittals</b>																																
GAZII-PC-SUB-01	Preparation & Submit Copy of Bank Guarantee Certificates	1.00	11-Nov-15	12-Nov-15	I Preparation & Submit Copy of B...																											
GAZII-PC-SUB-01-R&A	Review & Approval of Bank Guarantee Certificates	21.00	12-Nov-15	23-Nov-15	I Review & Approval of Bank Guar...																											
GAZII-PC-SUB-02	Preparation & Submit Scheduling Qualification Submittal	2.00	10-Nov-15	12-Nov-15	I Preparation & Submit Scheduling...																											
GAZII-PC-SUB-02-R&A	Review & Approval of Scheduling Qualification Submittal	21.00	12-Nov-15	23-Nov-15	I Review & Approval of Scheduling...																											
GAZII-PC-SUB-03	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)	10.00	12-Nov-15	22-Nov-15	I Preparation & Submit Prelimina...																											
GAZII-PC-SUB-03-R&A	Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation)	21.00	22-Nov-15	13-Dec-15	I Review & Approval of Prelimina...																											
GAZII-PC-SUB-04	Preparation & Submit Submittals Schedule	2.00	10-Dec-15	19-Dec-15	I Preparation & Submit Submittal...																											
GAZII-PC-SUB-04-R&A	Review & Approval of Submittals Schedule	21.00	20-Dec-15	03-Jan-16 A	I Review & Approval of Submittal...																											
GAZII-PC-SUB-05	Preparation & Submit Key Staff	5.00	26-Oct-15 A	20-Dec-15	I Preparation & Submit Key Staff																											
GAZII-PC-SUB-05-R&A	Review & Approval of Key Staff	21.00	20-Dec-15	24-Dec-15	I Review & Approval of Key Staff																											
GAZII-PC-SUB-06	Preparation & Submit Project Temporary Signs	2.00	11-Nov-15	12-Nov-15	I Preparation & Submit Project T...																											
GAZII-PC-SUB-06-R&A	Review & Approval of Project Temporary Signs	21.00	12-Nov-15	29-Nov-15	I Review & Approval of Project T...																											
GAZII-PC-SUB-07	Preparation & Submit Engineer's Field Office Location and Layout	2.00	14-Nov-15	22-Nov-15	I Preparation & Submit Engineer'...																											
GAZII-PC-SUB-07-R&A	Review & Approval of Engineer's Field Office Location and Layout	21.00	22-Nov-15	30-Nov-15	I Review & Approval of Engineer'...																											
GAZII-PC-SUB-08	Preparation & Submit Field Office Furniture and Equipment Plan	2.00	21-Nov-15	22-Nov-15	I Preparation & Submit Field Off...																											
GAZII-PC-SUB-08-R&A	Review & Approval of Field Office Furniture and Equipment Plan	21.00	22-Nov-15	23-Dec-15	I Review & Approval of Field Off...																											
GAZII-PC-SUB-09	Preparation & Submit Field Office Computer Systems and Miscellaneous	5.00	15-Nov-15	16-Nov-15	I Preparation & Submit Field Off...																											
GAZII-PC-SUB-09-R&A	Review & Approval of Field Office Computer Systems and Miscellaneous	21.00	16-Nov-15	23-Nov-15	I Review & Approval of Field Off...																											
GAZII-PC-SUB-10	Preparation & Submit Quality Control Plan with Testing Lab C.V	5.00	10-Dec-15	28-Jan-16 A	I Preparation & Submit Quality C...																											
GAZII-PC-SUB-10-R&A	Review & Approval of Quality Control Plan with Testing Lab C.V	21.00	20-Dec-15	16-Feb-16 A	I Review & Approval of Quality C...																											

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





















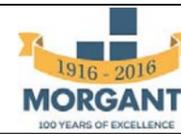






**TO 15-09 GAZII - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package II**

02-Jul-16 14:44



Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018					
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M
GRAMMS810	Approval of Ma'an Diesel Generator on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A	Approval of Ma'an Diesel Gener...																													
PROC-2550	Order of Ma'an Diesel Generator	6.00	04-Aug-16	11-Aug-16	Order of Ma'an Diesel Generato...																													
PROC-2560	Manufacturing of Ma'an Diesel Generator	80.00	11-Aug-16	30-Oct-16	Manufacturing of Ma'an Diesel ...																													
PROC-2570	Shipping of Ma'an Diesel Generator	21.00	30-Oct-16	20-Nov-16	Shipping of Ma'an Diesel Gener...																													
PROC-2580	Clearance of Ma'an Diesel Generator	14.00	20-Nov-16	06-Dec-16	Clearance of Ma'an Diesel Gene...																													
PROC-2590	Delivery of Ma'an Diesel Generator to project site	10.00	06-Dec-16	18-Dec-16	Delivery of Ma'an Diesel Gener...																													
<b>MCC</b>					▼ 21-Oct-16, MCC																													
GRAMMS520	Preparation and upload of MCC on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A	Preparation and upload of MCC ...																													
GRAMMS530	Approval of MCC on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A	Approval of MCC on GRAMMS																													
PROC-1850	Order of MCC	6.00	30-May-16	30-May-16	Order of MCC																													
PROC-1860	Manufacturing of MCC	60.00	01-Jul-16	29-Aug-16	Manufacturing of MCC																													
PROC-1870	Shipping of MCC	21.00	30-Aug-16	19-Sep-16	Shipping of MCC																													
PROC-1880	Clearance of MCC	14.00	20-Sep-16	07-Oct-16	Clearance of MCC																													
PROC-1890	Delivery of MCC to project site	10.00	09-Oct-16	21-Oct-16	Delivery of MCC to project sit...																													
<b>Float Control Valve, Flow Control Valve, Pressure Reducing Valve, Pressure Sustaining Valve (DARB)</b>					▼ 27-Nov-16, Float Control Valve...																													
DN-1360	Preparation and submission of Donation number request for PRV, FCV, PSV	30.00	20-Mar-16 A	30-Apr-16 A	Preparation and submission of ...																													
DN-1370	Approval of Donation Number request for PRV, FCV, PSV	100.00	30-Apr-16 A	15-May-16	Approval of Donation Number re...																													
GRAMMS540	Preparation and upload of PRV, FCV, PSV on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A	Preparation and upload of PRV,...																													
GRAMMS550	Approval of PRV, FCV, PSV on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A	Approval of PRV, FCV, PSV on G...																													
PROC-1900	Order of PRV, FCV, PSV	6.00	26-Jun-16 A	11-Jul-16	Order of PRV, FCV, PSV																													
PROC-1910	Manufacturing of PRV, FCV, PSV	90.00	11-Jul-16	09-Oct-16	Manufacturing of PRV, FCV, PSV																													
PROC-1920	Shipping of PRV, FCV, PSV	21.00	09-Oct-16	30-Oct-16	Shipping of PRV, FCV, PSV																													
PROC-1930	Clearance of PRV, FCV, PSV	14.00	30-Oct-16	15-Nov-16	Clearance of PRV, FCV, PSV																													
PROC-1940	Delivery of PRV, FCV, PSV to project site	10.00	15-Nov-16	27-Nov-16	Delivery of PRV, FCV, PSV to p...																													
<b>Mechanical Coupling</b>					▼ 02-Sep-16, Mechanical Coupling																													
GRAMMS560	Preparation and upload of Mechanical Coupling on GRAMMS	53.00	27-Oct-15 A	28-Feb-16 A	Preparation and upload of Mech...																													
GRAMMS570	Approval of Mechanical Coupling on GRAMMS	53.00	28-Feb-16 A	28-Feb-16 A	Approval of Mechanical Couplin...																													
PROC-1950	Order of Mechanical Coupling	6.00	30-May-16	30-May-16	Order of Mechanical Coupling																													
PROC-1960	Manufacturing of Mechanical Coupling	70.00	31-May-16	21-Jul-16	Manufacturing of Mechanical Co...																													
PROC-1970	Shipping of Mechanical Coupling	21.00	22-Jul-16	11-Aug-16	Shipping of Mechanical Couplin...																													
PROC-1980	Clearance of Mechanical Coupling	14.00	12-Aug-16	28-Aug-16	Clearance of Mechanical Coupli...																													
PROC-1990	Delivery of Mechanical Coupling to project site	5.00	29-Aug-16	02-Sep-16	Delivery of Mechanical Couplin...																													
<b>Ball Valves DN50 &amp; Smaller</b>					▼ 02-Sep-16, Ball Valves DN50 & ...																													
GRAMMS600	Preparation and upload of Ball Valves DN50 & Smaller on GRAMMS	53.00	27-Oct-15 A	25-Jan-16 A	Preparation and upload of Ball...																													
GRAMMS610	Approval of Ball Valves DN50 & Smaller on GRAMMS	53.00	25-Jan-16 A	22-Feb-16 A	Approval of Ball Valves DN50 &...																													
PROC-2050	Order of Ball Valves DN50 & Smaller	20.00	15-May-16	17-May-16	Order of Ball Valves DN50 & Sm...																													
PROC-2060	Manufacturing of Ball Valves DN50 & Smaller	70.00	17-May-16	21-Jul-16	Manufacturing of Ball Valves D...																													
PROC-2070	Shipping of Ball Valves DN50 & Smaller	21.00	22-Jul-16	11-Aug-16	Shipping of Ball Valves DN50 &...																													
PROC-2080	Clearance of Ball Valves DN50 & Smaller	14.00	12-Aug-16	28-Aug-16	Clearance of Ball Valves DN50 ...																													
PROC-2090	Delivery of Ball Valves DN50 & Smaller to project site	5.00	29-Aug-16	02-Sep-16	Delivery of Ball Valves DN50 &...																													
<b>Ball Valves DN75 &amp; Larger</b>					▼ 02-Sep-16, Ball Valves DN75 & ...																													
GRAMMS620	Preparation and upload of Ball Valves DN75 & Larger on GRAMMS	53.00	27-Oct-15 A	25-Jan-16 A	Preparation and upload of Ball...																													
GRAMMS630	Approval of Ball Valves DN75 & Larger on GRAMMS	53.00	25-Jan-16 A	22-Feb-16 A	Approval of Ball Valves DN75 &...																													
PROC-2100	Order of Ball Valves DN75 & Larger	10.00	10-May-16	17-May-16	Order of Ball Valves DN75 & La...																													
PROC-2110	Manufacturing of Ball Valves DN75 & Larger	60.00	17-May-16	21-Jul-16	Manufacturing of Ball Valves D...																													
PROC-2120	Shipping of Ball Valves DN75 & Larger	21.00	22-Jul-16	11-Aug-16	Shipping of Ball Valves DN75 & ...																													
PROC-2130	Clearance of Ball Valves DN75 & Larger	14.00	12-Aug-16	28-Aug-16	Clearance of Ball Valves DN75 ...																													
PROC-2140	Delivery of Ball Valves DN75 & Larger to project site	5.00	29-Aug-16	02-Sep-16	Delivery of Ball Valves DN75 &...																													

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

**TO 15-09 GAZII - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package II**



02-Jul-16 14:44

Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018					
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M
<b>Strainers</b>					02-Sep-16, Strainers																													
GRAMMS640	Preparation and upload of Strainers on GRAMMS	53.00	27-Oct-15 A	25-Jan-16 A	Preparation and upload of Stra...																													
GRAMMS650	Approval of Strainers on GRAMMS	53.00	25-Jan-16 A	22-Feb-16 A	Approval of Strainers on GRAMM...																													
PROC-2150	Order of Strainers	6.00	16-Apr-16 A	16-Apr-16 A	Order of Strainers																													
PROC-2160	Manufacturing of Strainers	70.00	17-Apr-16 A	21-Jul-16	Manufacturing of Strainers																													
PROC-2170	Shipping of Strainers	21.00	22-Jul-16	11-Aug-16	Shipping of Strainers																													
PROC-2180	Clearance of Strainers	14.00	12-Aug-16	28-Aug-16	Clearance of Strainers																													
PROC-2190	Delivery of Strainers to project site	5.00	29-Aug-16	02-Sep-16	Delivery of Strainers to proje...																													
<b>Check valves</b>					02-Sep-16, Check valves																													
GRAMMS660	Preparation and upload of Check Valves on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A	Preparation and upload of Chec...																													
GRAMMS670	Approval of Check Valves on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A	Approval of Check Valves on GR...																													
PROC-2200	Order of Check Valves	6.00	30-May-16	30-May-16	Order of Check Valves																													
PROC-2210	Manufacturing of Check Valves	80.00	31-May-16	21-Jul-16	Manufacturing of Check Valves																													
PROC-2220	Shipping of Check Valves	21.00	21-Jul-16	11-Aug-16	Shipping of Check Valves																													
PROC-2230	Clearance of Check Valves	14.00	11-Aug-16	28-Aug-16	Clearance of Check Valves																													
PROC-2240	Delivery of Check Valves to project site	5.00	28-Aug-16	02-Sep-16	Delivery of Check Valves to pr...																													
<b>Combination Air Valves</b>					02-Sep-16, Combination Air Val...																													
GRAMMS680	Preparation and upload of Combination Air Valves on GRAMMS	53.00	27-Oct-15 A	31-Jan-16 A	Preparation and upload of Comb...																													
GRAMMS690	Approval of Combination Air Valves on GRAMMS	53.00	31-Jan-16 A	22-Feb-16 A	Approval of Combination Air Va...																													
PROC-2250	Order of Combination Air Valves	6.00	30-May-16	30-May-16	Order of Combination Air Valve...																													
PROC-2260	Manufacturing of Combination Air Valves	80.00	31-May-16	21-Jul-16	Manufacturing of Combination A...																													
PROC-2270	Shipping of Combination Air Valves	21.00	22-Jul-16	11-Aug-16	Shipping of Combination Air Va...																													
PROC-2280	Clearance of Combination Air Valves	14.00	12-Aug-16	28-Aug-16	Clearance of Combination Air V...																													
PROC-2290	Delivery of Combination Air Valves to project site	5.00	29-Aug-16	02-Sep-16	Delivery of Combination Air Va...																													
<b>Flap Valves</b>					02-Sep-16, Flap Valves																													
GRAMMS700	Preparation and upload of Flap Valves on GRAMMS	53.00	27-Oct-15 A	25-Jan-16 A	Preparation and upload of Flap...																													
GRAMMS710	Approval of Flap Valves on GRAMMS	53.00	25-Jan-16 A	25-Jan-16 A	Approval of Flap Valves on GRA...																													
PROC-2300	Order of Flap Valves	6.00	01-May-16	17-May-16	Order of Flap Valves																													
PROC-2310	Manufacturing of Flap Valves	60.00	17-May-16	16-Jul-16	Manufacturing of Flap Valves																													
PROC-2320	Shipping of Flap Valves	21.00	16-Jul-16	06-Aug-16	Shipping of Flap Valves																													
PROC-2330	Clearance of Flap Valves	14.00	07-Aug-16	22-Aug-16	Clearance of Flap Valves																													
PROC-2340	Delivery of Flap Valves to project site	10.00	23-Aug-16	02-Sep-16	Delivery of Flap Valves to pro...																													
<b>Pressure Level Transmitter</b>					04-Dec-16, Pressure Level Tra...																													
GRAMMS720	Preparation and upload of Pressure Level Trasmmitter on GRAMMS	53.00	27-Oct-15 A	25-Jan-16 A	Preparation and upload of Pres...																													
GRAMMS730	Approval of Pressure Level Trasmmitter on GRAMMS	53.00	25-Jan-16 A	22-Feb-16 A	Approval of Pressure Level Tra...																													
PROC-2350	Order of Pressure Level Trasmmitter	6.00	30-May-16	30-May-16	Order of Pressure Level Trasm...																													
PROC-2360	Manufacturing of Pressure Level Trasmmitter	120.00	31-May-16	16-Oct-16	Manufacturing of Pressure Leve...																													
PROC-2370	Shipping of Pressure Level Trasmmitter	21.00	17-Oct-16	06-Nov-16	Shipping of Pressure Level Tra...																													
PROC-2380	Clearance of Pressure Level Trasmmitter	14.00	07-Nov-16	22-Nov-16	Clearance of Pressure Level Tr...																													
PROC-2390	Delivery of Pressure Level Trasmmitter to project site	10.00	23-Nov-16	04-Dec-16	Delivery of Pressure Level Tra...																													
<b>Disinfection and HDPE Tank</b>					23-Feb-17, Disinfection and HD...																													
DN-1640	Preparation and submission of Donation number request for Disinfection and HDPE Tank	30.00	01-Jul-16	04-Aug-16	Preparation and submission of ...																													
DN-1650	Approval of Donation Number request for Disinfection and HDPE Tank	100.00	05-Aug-16	05-Dec-16	Approval of Donation Number re...																													
GRAMMS740	Preparation and upload of Disinfection and HDPE Tank on GRAMMS	53.00	27-Oct-15 A	25-Jan-16 A	Preparation and upload of Disi...																													
GRAMMS750	Approval of Disinfection and HDPE Tank on GRAMMS	53.00	25-Jan-16 A	31-Aug-16	Approval of Disinfection and H...																													
PROC-2400	Order of Disinfection and HDPE Tank	6.00	01-Sep-16	07-Sep-16	Order of Disinfection and HDPE...																													
PROC-2410	Manufacturing of Disinfection and HDPE Tank	120.00	08-Sep-16	05-Jan-17	Manufacturing of Disinfection ...																													
PROC-2420	Shipping of Disinfection and HDPE Tank	21.00	06-Jan-17	26-Jan-17	Shipping of Disinfection and ...																													

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

















**TO 15-09 GAZII - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package II**



02-Jul-16 14:44

Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018									
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A			
<b>AI Berkah Supply Line 2</b>																																			▼ 14-Dec-16, AI Berkah Supply Li...			
<b>Pipe Line Installation</b>																																			▼ 25-Oct-16, Pipe Line Instalat...			
E-BER-SDP-1000	Exc., Bed., Install. and Backfill. Supply Line 2 from BS2 1+000 to BS2 1+661.47 (BS2 - 280mm)	8.00	17-Oct-16	25-Oct-16																															█ Exc., Bed., Install. and Backf...			
<b>Chambers Construction</b>																																			▼ 14-Dec-16, Chambers Constructi...			
E-BER-SDP-1020	Construction of Connection # EL SAHEL 3, Line BS2, Station 1+215: Complete DN 110mm flanged Gate Valve Chamber	13.00	20-Nov-16	05-Dec-16																															█ Construction of Connection # E...			
E-BER-SDP-1030	Construction of Connection # 1, Line BS2, Station 1+638: Complete DN 200mm flanged Gate Valve Chamber	13.00	20-Nov-16	05-Dec-16																															█ Construction of Connection # 1...			
E-BER-SDP-1040	Construction of DN 225mm Washout and its chamber on DN 280mm pipe at Station BS2 1+387	13.00	26-Oct-16	12-Nov-16																															█ Construction of DN 225mm Washo...			
E-BER-SDP-1050	Construction of DN 100mm Combination Air Valve and its chamber on DN 280mm at Station BS2 1+010	13.00	26-Oct-16	12-Nov-16																															█ Construction of DN 100mm Combi...			
E-BER-SDP-1060	Construction of DN 100mm Combination Air Valve and its chamber on DN 280mm at Station BS2 1+454	13.00	26-Oct-16	12-Nov-16																															█ Construction of DN 100mm Combi...			
E-BER-SDP-1070	Construction of DN 225mm Washout and its chamber on DN 280mm pipe at Station BS2 1+569	13.00	26-Oct-16	12-Nov-16																															█ Construction of DN 225mm Washo...			
E-BER-SDP-1210	Construction of DN 100mm Combination Air Valve and its chamber on DN 280mm at Station BS2 1+248	13.00	13-Nov-16	28-Nov-16																															█ Construction of DN 100mm Combi...			
E-BER-SDP-1280	Construction of DN 100mm Combination Air Valve and its chamber on DN 280mm at Station BS2 1+651	13.00	29-Nov-16	14-Dec-16																															█ Construction of DN 100mm Combi...			
<b>AI Berkah Distribution Line 1</b>																																			▼ 05-Dec-16, AI Berkah Distribut...			
<b>Installation of Pipes</b>																																			▼ 13-Nov-16, Installation of Pip...			
E-BER-SDP-1080	Exc., Bed., Install. and Backfill. Distribution Line 1 from BD1 1+430 to BD1 2+228.13 (BD1 - 355mm)	9.00	01-Nov-16	13-Nov-16																															█ Exc., Bed., Install. and Backf...			
<b>Construction of Chambers</b>																																			▼ 05-Dec-16, Construction of Cha...			
E-BER-SDP-1230	Construction of Connection # 4, Line BD1, Station 1+511 : Complete DN 200mm flanged Gate Valve Chamber	13.00	20-Nov-16	05-Dec-16																															█ Construction of Connection # 4...			
E-BER-SDP-1240	Construction of DN 225mm Washout and its chamber on DN 355mm pipes at Station BD1 1+466	13.00	14-Nov-16	29-Nov-16																															█ Construction of DN 225mm Washo...			
E-BER-SDP-1250	Construction of DN 100mm Combination Air Valve and its chamber on DN 355mm at Station BD1 1+736	13.00	14-Nov-16	29-Nov-16																															█ Construction of DN 100mm Combi...			
E-BER-SDP-1260	Construction of DN 225mm Washout and its chamber on DN 355mm pipes at Station BD1 1+900	13.00	14-Nov-16	29-Nov-16																															█ Construction of DN 225mm Washo...			
E-BER-SDP-1270	Construction of Connection # 3, Line BD1, Station 2+228 : Complete DN 250mm flanged Gate Valve Chamber	13.00	14-Nov-16	29-Nov-16																															█ Construction of Connection # 3...			
<b>Pavement repair and reinstatement</b>																																			▼ 30-Jan-17, Pavement repair and...			
<b>AI Berkah Supply Line 1, Dist. Line 1 BS1 1+000 to BS1 1+430</b>																																			▼ 30-Jan-17, AI Berkah Supply Li...			
E-BER-SDP-1340	Reinstatement for Supply Line 1 & Dist. Line 1 from BS1 1+000 to BS1 1+430 (BS1-160mm, BD1- 400, 355mm)	5.00	31-Dec-16	12-Jan-17																															█ Reinstatement for Supply Line ...			
E-BER-SDP-1370	Reinstatement for Supply Line 1 from BS1 1+430 to BS1 1+807.41 (BS1-160mm)	6.00	24-Jan-17	30-Jan-17																															█ Reinstatement for Supply Line ...			
<b>AI Berkah Supply Line 2</b>																																			▼ 29-Dec-16, AI Berkah Supply Li...			
E-BER-SDP-1320	Reinstatement for Supply Line 2 from BS2 1+000 to BS2 1+661.47 (BS2 - 280mm)	8.00	18-Dec-16	29-Dec-16																															█ Reinstatement for Supply Line ...			
<b>AI Berkah Distribution Line 1</b>																																			▼ 23-Jan-17, AI Berkah Distribut...			
E-BER-SDP-1350	Reinstatement for Distribution Line 1 from BD1 1+430 to BD1 2+228.13 (BD1 - 355mm)	9.00	14-Jan-17	23-Jan-17																															█ Reinstatement for Distribution...			
<b>Mechanical Installation</b>																																			▼ 09-Mar-17, Mechanical Installa...			
E-BER-SDP-1310	Mechanical installation for AI Berkah Valves and Vaults (Connections, Washout, ARV) - Distribution Line 1	20.00	29-Dec-16	29-Jan-17																															█ Mechanical installation for AI...			
E-BER-SDP-1330	Mechanical installation for AI Berkah Valves and Vaults (Connections, Washout, ARV) - Supply Line 2	16.00	30-Jan-17	16-Feb-17																															█ Mechanical installation for AI...			
E-BER-SDP-1360	Mechanical installation for AI Berkah Valves and Vaults (Connections, Washout, ARV) - Supply Line 1	16.00	18-Feb-17	09-Mar-17																															█ Mechanical installation for AI...			
<b>Testing, Training and Commissioning</b>																																			▼ 05-Jun-17, Testing, Training a...			
BER-1000	Cleaning, washing, testing and disinfection for Transmission Pipeline	21.00	11-Mar-17	03-Apr-17																															█ Cleaning, washing, testing and...			
BER-1010	Training	6.00	23-May-17	31-May-17																															█ Training			
BER-1020	Delivery of the final O&M Technical Manuals	20.00	11-Mar-17	02-Apr-17																															█ Delivery of the final O&M Tech...			
BER-1030	Site inspection/ Support/ Start up (Precommissioning)	10.00	11-May-17	22-May-17																															█ Site inspection/ Support/ Star...			
BER-1040	Testing and Commissioning of Electrical and Control System and Equipment	7.00	23-May-17	03-Jun-17																															█ Testing and Commissioning of E...			
BER-1050	Commissioning of the entire system	2.00	03-Jun-17	05-Jun-17																															█ Commissioning of the entire sy...			
BER-7655	Preparation and Submission of startup, testing, and commissioning plan and schedule to the Engineer	20.00	13-Dec-16	19-Jan-17																															█ Preparation and Submission of ...			
BER-7665	Review and Approval of startup, testing, and commissioning plan and schedule to the Engineer	21.00	19-Jan-17	19-Feb-17																															█ Review and Approval of startup...			
<b>Demobilization Cost</b>																																			▼ 10-Sep-17, Demobilizatio			
GAZII - 1010	AI Berkah Demobilization Summary Cost	37.00	16-Jul-17	10-Sep-17																															AI Berkah Demobilization			
<b>Project 2, Construction of Ma'an Reservoir and Pumping Facilities:</b>																																			▼ 10-Sep-17, Project 2, Co			
<b>Mobilization Cost</b>																																			▼ 18-Jan-16 A, Mobilization Cost			
GAZII - MOB1080	Ma'an Mobilization Summary Cost	71.00	26-Oct-15 A	18-Jan-16 A																															Ma'an Mobilization Summary Cos...			
<b>Construction of Ma'an Facilities</b>																																			▼ 31-Jul-17, Construction of Ma			

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

**TO 15-09 GAZII - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package II**

02-Jul-16 14:44



Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017												2018											
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A					
<b>Traffic Control Plan and Safety measures</b>																																								
E-MAN-7585	Implementation of Safety measures and Traffic Control Plan for Ma'an Facilities	2.00	07-Dec-15	14-Feb-16 A	Implementation of Safety measu...																																			
E-MAN-7586	Demolition, removal, clear and grub site (Demolition of Existing Ware House)	21.00	04-Feb-16 A	24-Feb-16 A	Demolition, removal, clear and...																																			
E-MAN-7587	Removal and disposal of roofing on structures and in storage on site including existing piping and utilities	19.00	07-Apr-16 A	27-Apr-16 A	Removal and disposal of roofin...																																			
E-MAN-7595	Maintain of Traffic Control Plan and Safety measures for Ma'an Facilities	353.75	14-Feb-16 A	31-Jul-17	Maintain of Traffic Control Pl..																																			
E-MAN-YW-1010	Demolition - Render all buildings to be demoed electrically safe	12.00	04-Feb-16 A	24-Feb-16 A	Demolition - Render all buildi...																																			
<b>Ma'an Booster Station</b>																																								
<b>Disinfection Building</b>																																								
<b>Civil &amp; Structural Works</b>																																								
E-MAN-DIS-1000	Excavate to the required depth	1.00	28-Feb-17	01-Mar-17	Excavate to the required depth																																			
E-MAN-DIS-1010	Furnishing, leveling, and compacting of selected backfill	2.00	01-Mar-17	04-Mar-17	Furnishing, leveling, and comp...																																			
E-MAN-DIS-1020	Furnish and install subgrade sanitary drain piping	2.00	04-Mar-17	06-Mar-17	Furnish and install subgrade s...																																			
E-MAN-DIS-1030	Furnish and install lean concrete (blinding 100mm)	1.00	06-Mar-17	07-Mar-17	Furnish and install lean concr...																																			
E-MAN-DIS-1040	Form/Steel Rebars for Foundation	4.00	07-Mar-17	12-Mar-17	Form/Steel Rebars for Foundati...																																			
E-MAN-DIS-1060	Cast Concrete for Foundation	1.00	13-Mar-17	14-Mar-17	Cast Concrete for Foundation																																			
E-MAN-DIS-1070	Concrete Curing	7.00	14-Mar-17	22-Mar-17	Concrete Curing																																			
E-MAN-DIS-1080	Form/Steel Rebars for Slab on Grade	3.00	14-Mar-17	18-Mar-17	Form/Steel Rebars for Slab on ...																																			
E-MAN-DIS-1100	Cast R.C. for the Slab on Grade	1.00	18-Mar-17	19-Mar-17	Cast R.C. for the Slab on Grad...																																			
E-MAN-DIS-1110	Concrete Curing	7.00	22-Mar-17	30-Mar-17	Concrete Curing																																			
E-MAN-DIS-1120	Form/Steel Rebars for the Walls & column	4.00	19-Mar-17	23-Mar-17	Form/Steel Rebars for the Wall...																																			
E-MAN-DIS-1130	Cast Reinforced Concrete for the Walls & column	1.00	30-Mar-17	01-Apr-17	Cast Reinforced Concrete for t...																																			
E-MAN-DIS-1140	Concrete Curing	7.00	01-Apr-17	09-Apr-17	Concrete Curing																																			
E-MAN-DIS-1150	Deshuttering & Curing For Walls	7.00	09-Apr-17	18-Apr-17	Deshuttering & Curing For Wall...																																			
E-MAN-DIS-1160	Form/Steel Rebars for the Roof Slab	4.00	18-Apr-17	24-Apr-17	Form/Steel Rebars for the Roof...																																			
E-MAN-DIS-1170	Cast Reinforced Concrete for the Roof Slab	1.00	24-Apr-17	25-Apr-17	Cast Reinforced Concrete for t...																																			
E-MAN-DIS-1180	Concrete Curing	7.00	25-Apr-17	04-May-17	Concrete Curing																																			
E-MAN-DIS-1190	Deshuttering for the Roof Slab & backfilling	2.00	13-May-17	15-May-17	Deshuttering for the Roof Slab...																																			
<b>Finishing Works</b>																																								
E-MAN-DIS-1200	Furnish & Install Interior & Exterior Plaster	5.00	15-May-17	21-May-17	Furnish & Install Interior & E...																																			
E-MAN-DIS-1210	Furnish & Install Hatches, Vents, Ladders, Grating etc	2.00	15-May-17	17-May-17	Furnish & Install Hatches, Ven...																																			
E-MAN-DIS-1240	Apply Acrylic Coats for External Walls	3.00	21-May-17	24-May-17	Apply Acrylic Coats for Exte...																																			
E-MAN-DIS-1250	Furnish & Install insulation, Roofing, Coping and All Items etc	4.00	24-May-17	30-May-17	Furnish & Install insulation, ...																																			
E-MAN-DIS-1260	Furnish & Install Furniture and Fittings	4.00	24-May-17	30-May-17	Furnish & Install Furniture an...																																			
E-MAN-DIS-1270	Furnish & Install All Architectural Elements	4.00	24-May-17	30-May-17	Furnish & Install All Architec...																																			
E-MAN-DIS-1280	Furnish & Install Doors and Windows	4.00	24-May-17	30-May-17	Furnish & Install Doors and Wi...																																			
<b>Mechanical Works</b>																																								
E-MAN-DIS-1090	Furnish & Install of Utility Piping including Pipe Supports & Valves	4.00	15-May-17	20-May-17	Furnish & Install of Utility P...																																			
E-MAN-DIS-1310	Furnish and install sodium hypochlorite tanks	5.00	30-May-17	08-Jun-17	Furnish and install sodium hyp...																																			
E-MAN-DIS-1320	Clean and pressure test utility piping < 110mm	5.00	30-May-17	08-Jun-17	Clean and pressure test utilit...																																			
E-MAN-DIS-1330	Furnish & Install Miscellaneous Plumbing Components	5.00	30-May-17	08-Jun-17	Furnish & Install Miscellaneou...																																			
<b>Electrical &amp; Instrumentation Works</b>																																								
E-MAN-DIS-1050	Furnish and Installation of Grounding System	1.00	12-Mar-17	13-Mar-17	Furnish and Installation of Gr...																																			
E-MAN-DIS-1220	Furnish, Install, Wire, Duct Banks & Terminate Lights and Receptacles	5.00	15-May-17	21-May-17	Furnish, Install, Wire, Duct B...																																			
E-MAN-DIS-1230	Furnish and install HVAC electrical conduit	5.00	21-May-17	27-May-17	Furnish and install HVAC elect...																																			
E-MAN-DIS-1290	Lightning Protection System	1.00	24-May-17	25-May-17	Lightning Protection System																																			
E-MAN-DIS-1300	Electrical & Control Panels	3.00	27-May-17	01-Jun-17	Electrical & Control Panels																																			
E-MAN-DIS-1340	Instruments - Furnish and install all instruments the RIO Enclosure	8.00	01-Jun-17	15-Jun-17	Instruments - Furnish and inst...																																			
E-MAN-DIS-1360	Testing and Commissioning of Electrical Systems and Equipment	5.00	17-Jun-17	25-Jun-17	Testing and Commissioning of E..																																			

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









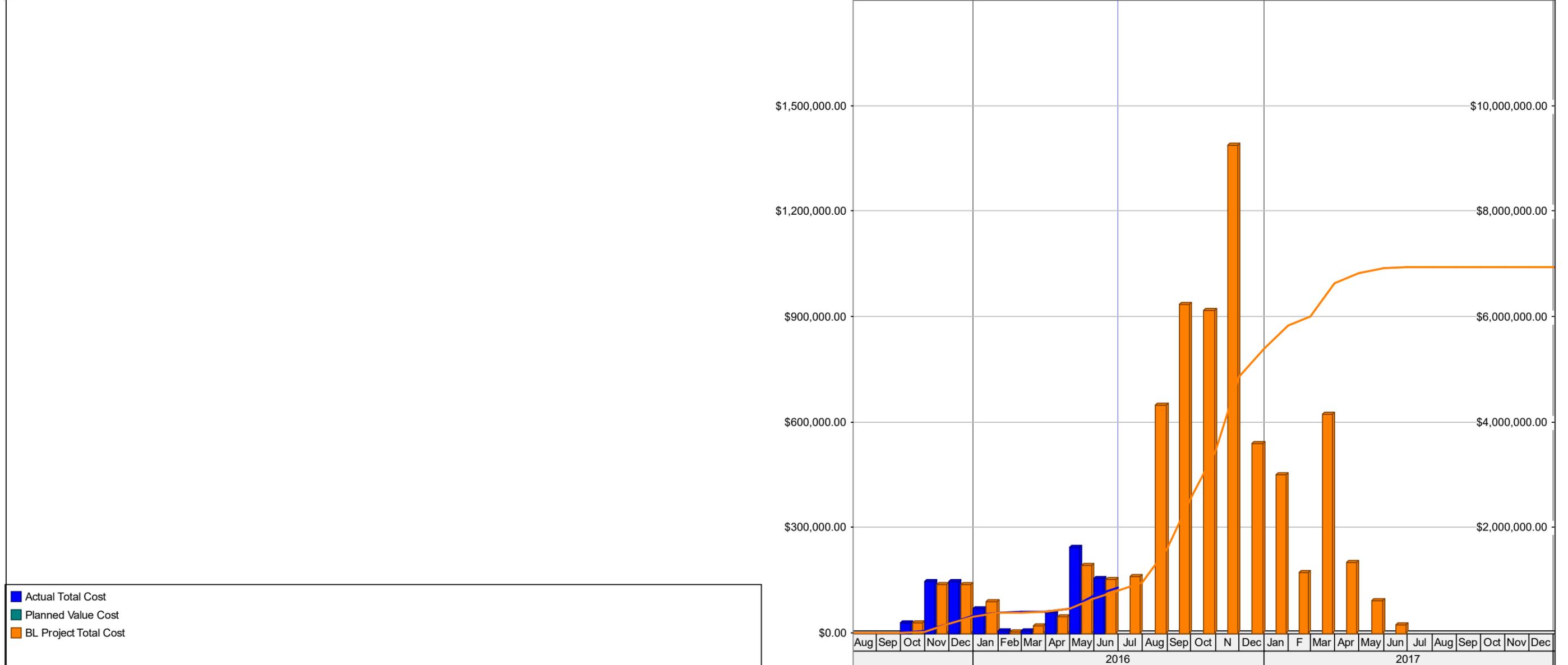




# Annex D - Progress S Curve

- S – Curve is based on the submitted CPM schedule

WBS Name	Start	Finish	Schedule % Complete	Cost % Complete	2016												2017																	
					Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
<b>TO 15-09 GAZII - Updated CPM Schedule - Construction of Reservoirs at</b>	18-Feb-1	10-Sep-17	11.51%	12.32%	[Gantt bars for 2016-2017]																													
<b>Milestones</b>	26-Oct-1	10-Sep-17	0%	0%	[Gantt bars for 2016-2017]																													
General Milestones	26-Oct-1	10-Sep-17	0%	0%	[Gantt bars for 2016-2017]																													
Intermediate Milestones	26-Oct-1	31-Jul-17	0%	0%	[Gantt bars for 2016-2017]																													
<b>Preconstruction Phase</b>	26-Oct-1	22-May-16 A	0%	0%	[Gantt bars for 2016-2017]																													
Mobilization	26-Oct-1	18-Jan-16 A	0%	0%	[Gantt bars for 2016-2017]																													
Preconstruction Submittals	26-Oct-1	22-May-16 A	0%	0%	[Gantt bars for 2016-2017]																													
Traffic Control Plan, Coordination and Permits	29-Nov-15 A	14-Feb-16 A	0%	0%	[Gantt bars for 2016-2017]																													
<b>Construction Phase</b>	18-Feb-1	10-Sep-17	11.51%	12.32%	[Gantt bars for 2016-2017]																													
Construction Submittals	18-Feb-1	20-Nov-16	0%	0%	[Gantt bars for 2016-2017]																													
Procurement-1	26-Oct-1	23-Feb-17	0%	0%	[Gantt bars for 2016-2017]																													
Execution	26-Oct-1	10-Sep-17	11.51%	12.32%	[Gantt bars for 2016-2017]																													
Project 1, Construction of Al Berkah Reservoir and Pumping Facilities	26-Oct-1	10-Sep-17	8.02%	12.44%	[Gantt bars for 2016-2017]																													
Project 2, Construction of Ma'an Reservoir and Pumping Facilities:	26-Oct-1	10-Sep-17	16.1%	12.17%	[Gantt bars for 2016-2017]																													
<b>Post Construction Phase</b>	16-Jul-17	10-Sep-17	0%	0%	[Gantt bars for 2016-2017]																													
Post construction Submittals	16-Jul-17	10-Sep-17	0%	0%	[Gantt bars for 2016-2017]																													
Demobilization			0%	0%	[Gantt bars for 2016-2017]																													



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

# **Annex E - Site Memos Log**



SITE MEMOS LOG_TO CONTRACTOR						
No.	SM No.	Project	Description	Sent Date	Type	Remarks
1	SM-15-00009-BER-E-C-001	BER	Walkthrough for Al Berkah Supply Line 1, Supply Line 2 & Distribution Line	March 15, 2016	Record of Joint Walkthrough	
2	SM-15-00009-BER-E-C-002	BER	New Arrangement of Al Berkah Retaining Wall	April 4, 2016	Site Instructions	with VOR
3	SM-15-00009-GAZII-E-C-003	GAZII	Connect USAID with CCTV System at Al Berkah and Ma'an Construction Sites	April 12, 2016	Site Instructions	
4	SM-15-00009-BER-E-C-004	BER	Walkthrough for Al Berkah Supply Line 1, Supply Line 2 & Distribution Line	April 19, 2016	Record of Joint Walkthrough	with VOR
5	SM-15-00009-GAZII-E-C-006	GAZII	Replace Pad-Mount Transformer by Pole Mount Transformer	May 8, 2016	Site Instructions	with VOR
6	SM-15-00009-GAZII-E-C-007	GAZII	Elimination of Reservoir Internal Coating	May 17, 2016	Site Instructions	with VOR
7	SM-15-00009-BER-E-C-009	BER	Third-Party Test Reports for Al Berkah Reservoir	May 29, 2016	Other	
8	SM-15-00009-BER-E-C-011	BER	Al Berkah Reservoir Concrete Foundation	June 6, 2016	Record of Non Quality Compliance	
9	SM-15-00009-BER-E-C-012	BER	Third-Party Test Reports for Al Berkah Reservoir	June 14, 2016	Other	



SITE MEMOS LOG_TO CONTRACTOR						
No.	SM No.	Project	Description	Sent Date	Type	Remarks
1	SM-15-00009-GAZII-E-C-003	GAZII	Connect USAID with CCTV System at Al Berkah and Ma'an Construction Sites	April 12, 2016	Site Instructions	
2	SM-15-00009-MAN-E-C-005	MAN	Walkthrough for Ma'an Distribution pipeline	April 26, 2016	Record of Joint Walkthrough	with VOR
3	SM-15-00009-GAZII-E-C-006	GAZII	Replace Pad-Mount Transformer by Pole Mount Transformer	May 8, 2016	Site Instructions	with VOR
4	SM-15-00009-GAZII-E-C-007	GAZII	Elimination of Reservoir Internal Coating	May 17, 2016	Site Instructions	with VOR
5	SM-15-00009-MAN-E-C-008	MAN	Modified Layout for Ma'an No.02 Reservoir	May 18, 2016	Site Instructions	with VOR
6	SM-15-00009-MAN-E-C-010	MAN	Third-Party Test Reports for Ma'an Reservoir	May 29, 2016	Other	
7	SM-15-00009-MAN-E-C-013	MAN	Third-Party Test Reports for Ma'an Reservoir	June 14, 2016	Other	
8	SM-15-00009-MAN-E-C-014	MAN	Concrete Compressive Strength for Reservoir Foundation	June 28, 2016	Record of Non Quality Compliance	Retracted by CMC

# Annex F - Inspection Request Log

**Al Berkah IR LOG**

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
1	IR-15-00009-BER-001-A	A	Installation of the project temporary sign	January 5, 2016	January 6, 2016	A		
2	IR-15-00009-BER-002-A	A	Engineer's Primary Field Office furniture	January 12, 2016	January 12, 2016	A		
3	IR-15-00009-BER-003-A	A	The Storage Yard	January 14, 2016	January 14, 2016	A		
4	IR-15-00009-BER-004-A	A	Field Office Computer systems and Miscellaneous	January 18, 2016	January 18, 2016	A		
5	IR-15-00009-BER-005-A	A	Reservoir Drain Pipe & Fittings	March 10, 2016	March 13, 2016	C		
6	IR-15-00009-BER-005-B	B	Reservoir Drain Pipe & Fittings	March 24, 2016	March 24, 2016	A		
7	IR-15-00009-BER-006-A	A	Traffic Plan in Al Berkah Site	March 27, 2016	March 27, 2016	A		
8	IR-15-00009-BER-007-A	A	Excavation for Retaining wall from segment 8 to segment 9 to the required design level	March 28, 2016	March 28, 2016	A		
9	IR-15-00009-BER-008-A	A	Formation level for Retaining wall from segment 8 to segment 9.	March 31, 2016	March 31, 2016	A		
10	IR-15-00009-BER-009-A	A	Excavation for Retaining wall for segments (5, 6, 7 and 8) to the required design level	April 3, 2016	April 4, 2016	A		
11	IR-15-00009-BER-010-A	A	Survey Grid after Site Cleaning and Grubbing	April 4, 2016	April 4, 2016	A		
12	IR-15-00009-BER-011-A	A	Excavation for Retaining wall for segments (1, 2, 3 and 4) to the required design level	April 12, 2016	April 13, 2016	A		
13	IR-15-00009-BER-012-A	A	Excavation reduced level and compaction at Al Berkah retaining wall from segment 1 to segment 3	April 14, 2016	April 14, 2016	A		
14	IR-15-00009-BER-013-A	A	Expandable Water Stop, Water Stop (150mm, 250mm) and Perforated Pipes	April 14, 2016	April 14, 2016	A		
15	IR-15-00009-BER-014-A	A	Formation level and compaction for base course layer at Al Berkah retaining wall - For segments (1,2,3) steps No.2,3,4 & 5	April 17, 2016	April 18, 2016	A		
16	IR-15-00009-BER-015-A	A	<ul style="list-style-type: none"> <li>Plasim merdidur pipes PN16 (32mm, 50mm, 75mm and 110mm)</li> <li>Connection joint PN16 (32mm, 50mm, 75mm and 110mm)</li> <li>PVC Coupler (PVC/GV pipe) (32mm, 50mm and 75MM)</li> <li>PVC Reducer 90/75mm &amp; 63/50mm</li> <li>PVC long radius elbow (32mm and 50mm)</li> </ul>	April 20, 2016	April 21, 2016	A		
17	IR-15-00009-BER-016-A	A	Formation level and compaction for base course layer at Al Berkah retaining wall - For segments (1-4)	April 23, 2016	April 24, 2016	A		
18	IR-15-00009-BER-017-A	A	Casting retaining wall's plain concrete for Segment (1-2, 2-3 & 3-4)	April 25, 2016	April 26, 2016	A		
19	IR-15-00009-BER-018-A	A	<ul style="list-style-type: none"> <li>Wooden Strip 10cm X 2.50cm.</li> <li>Plywood 2.44cm X 60cm X 2cm (thick).</li> <li>Black thick simple sheet 0.5 mm thick.</li> </ul>	April 25, 2016	April 26, 2016	A		
20	IR-15-00009-BER-019-A	A	Casting concrete for the foundation of retaining wall for segment (1-2 & 2-3)	April 28, 2016	April 28, 2016	A		
21	IR-15-00009-BER-020-A	A	Trial Electro-Fusion welding for HDPE 160 mm pipes for drain pipes.	April 28, 2016	April 28, 2016	A		
22	IR-15-00009-BER-021-A	A	Subgrade compaction and leveling of the excavated area for RW foundation part of segment (3-4).	May 1, 2016	May 2, 2016	A		
23	IR-15-00009-BER-022-A	A	Base Coarse compaction and formation level RW foundation part of segment (3-4).	May 1, 2016	May 2, 2016	A		
24	IR-15-00009-BER-023-A	A	Casting plain concrete for RW foundation part of segment (3-4).	May 1, 2016	May 2, 2016	A		
25	IR-15-00009-BER-024-A	A	Shuttering for RW foundation part of segment (2-3) and segment (3-4).	May 2, 2016	May 3, 2016	C		
26	IR-15-00009-BER-024-B	B	Shuttering for RW foundation part of segment (2-3) and segment (3-4).	May 2, 2016	May 3, 2016	A		
27	IR-15-00009-BER-025-A	A	Reinforcement works and casting for RW foundation part of segment (2-3) and segment (3-4).	May 3, 2016	May 2, 2016	C		
28	IR-15-00009-BER-025-B	B	Reinforcement works and casting for RW foundation part of segment (2-3) and segment (3-4).	May 3, 2016	May 4, 2016	A		
29	IR-15-00009-BER-026-A	A	Actions taken by contractor of the CMC environmental checklist for the month of March	May 8, 2016	May 9, 2016	A		
30	IR-15-00009-BER-027-A	A	Compaction for the existing soil under reservoir foundation	May 8, 2016	May 9, 2016	A		
31	IR-15-00009-BER-028-A	A	Backfilling and compaction the first layer with clean sand stocked on site under the reservoir foundation.	May 9, 2016	May 10, 2016	A		
32	IR-15-00009-BER-029-A	A	Backfilling and compaction the second layer with clean sand stocked on site under the reservoir	May 10, 2016	May 10, 2016	A		
33	IR-15-00009-BER-030-A	A	Pressure test for the drain pipes.	May 11, 2016	May 11, 2016	C		
34	IR-15-00009-BER-030-B	A	Pressure test for the drain pipes.	May 23, 2016	May 24, 2016	A		
35	IR-15-00009-BER-031-A	A	Backfilling and compaction the third layer with clean sand stocked on site under the reservoir foundation.	May 11, 2016	May 12, 2016	A		

Al Berkah IR LOG

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
36	IR-15-00009-BER-032-A	A	<ul style="list-style-type: none"> <li>Fence Posts G.S tube 80X40X1.8 L = 3m</li> <li>Fence bracing G.S tube 80X40X1.8 L = 3m</li> <li>Fence Corner 120X120X4, L = 3m</li> </ul>	May 12, 2016	May 12, 2016	A		
37	IR-15-00009-BER-033-A	A	Shuttering for the first face of RW (Walls) for segments (1-2) and (3-4)	May 12, 2016	May 12, 2016	A		
38	IR-15-00009-BER-034-A	A	Excavation works for drain pipe and perforated pipes under reservoir	May 12, 2016	May 12, 2016	A		
39	IR-15-00009-BER-035-A	A	Steel Rebar for RW (Walls) for segments (1-2) and (3-4).	May 12, 2016	May 14, 2016	A		
40	IR-15-00009-BER-036-A	A	Shuttering formwork for the second face for RW (Walls) for segments (1-2) and (3-4).	May 15, 2016	May 16, 2016	A		
41	IR-15-00009-BER-037-A	A	Concrete casting for RW (Walls) for parts of segments (1-2) and (3-4).	May 16, 2016	May 16, 2016	A		
42	IR-15-00009-BER-038-A	A	Casting concrete for drain pipes encasement	May 17, 2016	May 18, 2016	A		
43	IR-15-00009-BER-039-A	A	Shuttering formwork for the second face for RW (Walls) for part of segment (2-3)	May 17, 2016	May 18, 2016	A		
44	IR-15-00009-BER-040-A	A	Concrete casting for RW (Walls) for part of segments (2-3).	May 17, 2016	May 18, 2016	A		
45	IR-15-00009-BER-041-A	A	Shuttering the first face of RW walls for parts (E, G) of segment (2-3) & (B, D) of segment (3-4).	May 19, 2016	May 19, 2016	A		
46	IR-15-00009-BER-042-A	A	Installation of perforated pipes under Al Berkah reservoir	May 19, 2016	May 19, 2016	A		
47	IR-15-00009-BER-043-A	A	Steel reinforcement of RW walls for parts (E, G) of segment (2-3) & (B, D) of segment (3-4).	May 19, 2016	May 19, 2016	A		
48	IR-15-00009-BER-044-A	A	Shuttering the second face of RW walls for parts (E, G) of segment (2-3) & (B, D) of segment (3-4).	May 21, 2016	May 21, 2016	A		
49	IR-15-00009-BER-045-A	A	Casting concrete for RW walls for parts (E, G) of segment (2-3) & (B, D) of segment (3-4).	May 21, 2016	May 22, 2016	A		
50	IR-15-00009-BER-046-A	A	Leveling and taking samples for compaction test for the fourth layer under reservoir foundation	May 21, 2016	May 22, 2016	A		
51	IR-15-00009-BER-047-A	A	Actions taken by contractor of the CMC environmental checklist for the month of April.	May 22, 2016	May 23, 2016	A		
52	IR-15-00009-BER-048-A	A	Casting plain concrete under Al Berkah reservoir	May 22, 2016	May 22, 2016	A		
53	IR-15-00009-BER-049-A	A	Shuttering the first face of RW walls for parts (A, C) of segment (2-3) & (E) of segment (3-4).	May 24, 2016	May 24, 2016	A		
54	IR-15-00009-BER-050-A	A	Reinforcement works of RW walls for parts (A, C) of segment (2-3) & (E) of segment (3-4).	May 24, 2016	May 24, 2016	A		
55	IR-15-00009-BER-051-A	A	Shuttering works of RW walls for parts (C) of segment (1-2)	May 24, 2016	May 24, 2016	A		
56	IR-15-00009-BER-052-A	A	Reinforcement works of RW walls for parts (C) of segment (1-2)	May 24, 2016	May 25, 2016	A		
57	IR-15-00009-BER-053-A	A	Shuttering the second face of RW walls for: <ul style="list-style-type: none"> <li>Part (C) of segment (1-2).</li> <li>Part (A, C) of segment (2-3).</li> <li>Part (E) of segment (3-4).</li> </ul>	May 25, 2016	May 26, 2016	A		
58	IR-15-00009-BER-054-A	A	Casting concrete for RW walls: <ul style="list-style-type: none"> <li>Part (C) of segment (1-2).</li> <li>Part (A, C) of segment (2-3).</li> <li>Part (E) of segment (3-4).</li> </ul>	May 26, 2016	May 26, 2016	A		
59	IR-15-00009-BER-055-A	A	Shuttering for reservoir's foundation	May 29, 2016	May 29, 2016	A		
60	IR-15-00009-BER-056-A	A	Shuttering for RW (walls) for parts (B, D) of segment (1-2) & (B, D) of segment (2-3).	May 29, 2016	May 30, 2016	A		
61	IR-15-00009-BER-057-A	A	Steel reinforcement for RW (walls) for parts (B, D) of segment (1-2) & (B, D) of segment (2-3).	May 29, 2016	May 30, 2016	A		
62	IR-15-00009-BER-058-A	A	Steel reinforcement for the bottom layer for the reservoir foundation	May 30, 2016	May 30, 2016	A		
63	IR-15-00009-BER-059-A	A	Primer coating for the external face of RW (walls and foundations) for parts (A, B, C, D) of segment (3-4) and parts (E, F, G) of segment (2-3)	May 31, 2016	May 31, 2016	C		
64	IR-15-00009-BER-060-A	A	Shuttering the second face for RW (walls) for parts (B, D) of segment (1-2) & (B, D) of segment (2-3).	June 1, 2016	June 2, 2016	A		

Al Berkah IR LOG

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
65	IR-15-00009-BER-061-A	A	Casting concrete for RW (walls) for parts (B, D) of segment (1-2) & (B, D) of segment (2-3).	June 1, 2016	June 2, 2016	A		
66	IR-15-00009-BER-062-A	A	First layer of hot Bitumen for walls and footings for part (E, F, G) of segment (2-3) and part (A, B, C, D) of segment (3-4)	June 2, 2016	June 2, 2016	A		
67	IR-15-00009-BER-063-A	A	Bitumen finish layer for walls and footings for part (E, F, G) of segment (2-3) and part (A, B, C, D) of segment (3-4)	June 4, 2016	June 5, 2016	C		
68	IR-15-00009-BER-063-B	B	Bitumen finish layer for walls and footings for part (E, F, G) of segment (2-3) and part (A, B, C, D) of segment (3-4)	June 8, 2016	June 8, 2016	A		
69	IR-15-00009-BER-064-A	A	Backfilling with clean sand for the external side of RW for parts (E, F, G) of segment (2-3) and parts (A, B, C, D) of segment (3-4)	June 4, 2016	June 4, 2016	C		
70	IR-15-00009-BER-064-B	B	Backfilling with clean sand for the external side of RW for parts (E, F, G) of segment (2-3) and parts (A, B, C, D) of segment (3-4)	June 9, 2016	June 9, 2016	A		
71	IR-15-00009-BER-065-A	A	Steel reinforcement, installation of water stop and electrical installation for Al Berkah reservoir foundation.	June 5, 2016	June 5, 2016	A		
72	IR-15-00009-BER-066-A	A	Casting concrete for Al Berkah reservoir foundation	June 5, 2016	June 5, 2016	A		
73	IR-15-00009-BER-067-A	A	Shuttering the first face for RW (walls) for part (E) of segment (1-2).	June 6, 2016	June 6, 2016	A		
74	IR-15-00009-BER-068-A	A	Steel Reinforcement for RW (walls) for part (E) of segment (1-2).	June 6, 2016	June 6, 2016	A		
75	IR-15-00009-BER-069-A	A	Shuttering the second face for RW (walls) for part (E) of segment (1-2)	June 7, 2016	June 7, 2016	A		
76	IR-15-00009-BER-070-A	A	Casting Concrete for RW (walls) for part (E) of segment (1-2).	June 7, 2016	June 7, 2016	A		
77	IR-15-00009-BER-071-A	A	Start primer coating for the internal face of RW (walls and foundations) for parts (A, B, C) of segment (1-2) and parts (A, B, C, D) of segment (2-3)	June 8, 2016	June 8, 2016	A		
78	IR-15-00009-BER-072-A	A	Start furnish primer layer for the external side of walls and footings for parts (A, B, C) of segment (2-3) at Al Berkah construction site	June 9, 2016	June 9, 2016	A		
79	IR-15-00009-BER-073-A	A	Start bitumen for the internal side of walls and footings for parts (A, B, C) of segment (1-2) and parts (A, B, C, D) of segment (2-3) at Al Berkah Construction Site.	June 11, 2016	June 11, 2016	A		
80	IR-15-00009-BER-074-A	A	Start furnish a hot bitumen (60/70) layer for the external side of walls and footings for parts (A, B, C) of segment (2-3) at Al Berkah construction site.	June 12, 2016	June 12, 2016	A		
81	IR-15-00009-BER-075-A	A	Start primer coating for the external side of RW (walls and foundations) for parts (A, B, C, D, E) of segment (1-2) and internal side of parts (D, E) for segment (1-2) at Al Berkah Construction Site.	June 13, 2016	June 14, 2016	A		
82	IR-15-00009-BER-076-A	A	Compaction for the subgrade layer (5 points) at Al Berkah construction site	June 14, 2016	June 14, 2016	A		
83	IR-15-00009-BER-077-A	A	Start Bitumen coating for the external side of RW (walls and foundations) for parts (A, B, C, D, E) of segment (1-2) and internal side of parts (D, E) for segment (1-2) at Al Berkah Construction Site	June 15, 2016	June 15, 2016	A		
84	IR-15-00009-BER-078-A	A	Compaction on layer (5 points) according to the attached drawing at Al Berkah construction site.	June 16, 2016	June 16, 2016	A		
85	IR-15-00009-BER-079-A	A	Compaction on layer (5 points) according to the attached drawing at Al Berkah construction site.	June 16, 2016	June 16, 2016	A		
86	IR-15-00009-BER-080-A	A	Start back-filling for external side of RW for segment (1-2) at Al Berkah construction site.	June 18, 2016	June 21, 2016	C		
87	IR-15-00009-BER-081-A	A	Compaction on layer (4 points) according to the attached drawing at Al Berkah construction site.	June 18, 2016	June 18, 2016	A		
88	IR-15-00009-BER-082-A	A	Casting concrete for the guard house blinding at Al Berkah construction site.	June 19, 2016	June 19, 2016	A		
89	IR-15-00009-BER-083-A	A	Casting concrete for the Electrical & Control Room blinding at Al Berkah construction site.	June 19, 2016	June 19, 2016	C		
90	IR-15-00009-BER-083-B	B	Casting concrete for the Electrical & Control Room blinding at Al Berkah construction site.	June 26, 2016	June 26, 2016	C		
91	IR-15-00009-BER-084-A	A	Compaction on layer (2 points) according to the attached drawing at Al Berkah construction site.	June 19, 2016	June 19, 2016	A		
92	IR-15-00009-BER-085-A	A	Compaction on layer (3 points) according to the attached drawing at Al Berkah construction site.	June 20, 2016	June 21, 2016	A		
93	IR-15-00009-BER-086-A	A	Actions taken by contractor of the CMC environmental checklist for the month of May 2016 at Al Berkah Construction Site.	June 21, 2016	June 21, 2016	A		
94	IR-15-00009-BER-087-A	A	Compaction on layer (3 points) according to the attached drawing at Al Berkah construction site.	June 21, 2016	June 21, 2016	C		

Al Berkah IR LOG

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
95	IR-15-00009-BER-087-B	B	Compaction on layer (3 points) according to the attached drawing at Al Berkah construction site.	June 22, 2016	June 22, 2016	A		
96	IR-15-00009-BER-088-A	A	Shuttering works for the Guard House foundation at Al Berkah construction site	June 26, 2016	June 26, 2016	A		
97	IR-15-00009-BER-089-A	A	Steel reinforcement works for the Guard House foundation at Al Berkah construction site	June 26, 2016	June 26, 2016	C		
98	IR-15-00009-BER-089-B	B	Steel reinforcement works for the Guard House foundation at Al Berkah construction site	June 28, 2016	June 28, 2016	A		
99	IR-15-00009-BER-090-A	A	Electrical installation and mechanical installation for the Guard House foundation at Al Berkah construction site	June 26, 2016	June 26, 2016	C		
100	IR-15-00009-BER-090-B	B	Electrical installation and mechanical installation for the Guard House foundation at Al Berkah construction site	June 28, 2016	June 28, 2016	A		
101	IR-15-00009-BER-091-A	A	Casting Concrete for the Guard House foundation at Al Berkah construction site.	June 26, 2016	June 26, 2016	C		
102	IR-15-00009-BER-091-B	B	Casting Concrete for the Guard House foundation at Al Berkah construction site.	June 28, 2016	June 28, 2016	A		
103	IR-15-00009-BER-092-A	A	Deep Compaction test (3 points) according to the attached drawing at Al Berkah construction site	June 30, 2016	June 30, 2016	A		

**Maan IR LOG**

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
1	IR-15-00009-MAN-001-A	A	Installation of the project temporary sign	January 5, 2016	January 6, 2016	A		
2	IR-15-00009-MAN-002-A	A	Engineer's Primary Field Office furniture	January 12, 2016	January 12, 2016	C		
3	IR-15-00009-MAN-002-B	B	Engineer's Primary Field Office furniture	January 18, 2016	January 18, 2016	A		
4	IR-15-00009-MAN-003-A	A	The Storage Yard	January 14, 2016	January 14, 2016	A		
5	IR-15-00009-MAN-004-A	A	Field Office Computer systems and Miscellaneous	January 18, 2016	January 18, 2016	A		
6	IR-15-00009-MAN-005-A	A	Demolition of Existing Ware House	February 4, 2016	February 4, 2016	A		
7	IR-15-00009-MAN-006-A	A	Reservoir Drain Pipe & Fittings	March 10, 2016	March 13, 2016	C		
8	IR-15-00009-MAN-006-B	B	Reservoir Drain Pipe & Fittings	March 24, 2016	March 24, 2016	A		
9	IR-15-00009-MAN-007-A	A	Excavation for Ma'an Reservoir foundation to the required design level	March 26, 2016	March 26, 2016	A		
10	IR-15-00009-MAN-008-A	A	Traffic Plan in Ma'an Site	March 27, 2016	March 27, 2016	C		
11	IR-15-00009-MAN-009-A	A	Start lowering the existing pipes under Ma'an reservoir	April 6, 2016	April 7, 2016	A		
12	IR-15-00009-MAN-010-A	A	Expandable Water Stop, Water Stop (150mm, 250mm) and Perforated Pipes	April 14, 2016	April 14, 2016	A		
13	IR-15-00009-MAN-011-A	A	Casting concrete to encasement the water pipeline under reservoir	April 17, 2016	April 18, 2016	A		
14	IR-15-00009-MAN-012-A	A	<ul style="list-style-type: none"> <li>• Plassim merdidur pipes PN16 (32mm, 50mm, 75mm and 110mm)</li> <li>• Connection joint PN16 (32mm, 50mm, 75mm and 110mm)</li> <li>• PVC Coupler (PVC/GV pipe) (32mm, 50mm and 75MM)</li> <li>• PVC Reducer 90/75mm &amp; 63/50mm</li> <li>• PVC long radius elbow (32mm and 50mm)</li> </ul>	April 20, 2016	April 21, 2016	A		
15	IR-15-00009-MAN-013-A	A	• Black thick simple sheet 0.5 mm thick	April 25, 2016	April 26, 2016	A		
16	IR-15-00009-MAN-014-A	A	Excavation and installation of reservoir drain pipes	April 26, 2016	April 27, 2016	C		
17	IR-15-00009-MAN-015-A	A	Trial Electro-Fusion welding for HDPE 160 mm pipes for drain pipes.	April 28, 2016	April 28, 2016	A		
18	IR-15-00009-MAN-016-A	A	Actions taken by contractor of the CMC environmental checklist for the month of March	May 8, 2016	May 9, 2016	A		
19	IR-15-00009-MAN-017-A	A	Backfilling the first layer with Calcareous sand fill under the reservoir foundation	May 9, 2016	May 10, 2016	A		
20	IR-15-00009-MAN-018-A	A	Backfilling and compaction the second layer with calcareous sand under the reservoir foundation	May 10, 2016	May 11, 2016	A		
21	IR-15-00009-MAN-019-A	A	Pressure test for the drain pipes.	May 10, 2016	May 11, 2016	C		
22	IR-15-00009-MAN-019-B	B	Pressure test for the drain pipes.	May 24, 2016	May 24, 2016	A		
23	IR-15-00009-MAN-020-A	A	Excavation works for drain pipe and perforated pipes under reservoir	May 12, 2016	May 12, 2016	A		
24	IR-15-00009-MAN-021-A	A	Installation drain pipe and perforated pipes under reservoir	May 14, 2016	May 14, 2016	A		
25	IR-15-00009-MAN-022-A	A	Casting concrete for drain pipes encasement	May 14, 2016	May 15, 2016	A		
26	IR-15-00009-MAN-023-A	A	Installation of perforated pipes under Ma'an reservoir	May 16, 2016	May 16, 2016	A		
27	IR-15-00009-MAN-024-A	A	Backfilling and compaction the third layer with calcareous sand under the reservoir foundation.	May 17, 2016	May 18, 2016	A		
28	IR-15-00009-MAN-025-A	A	Casting plain concrete under Ma'an reservoir	May 18, 2016	May 19, 2016	A		
29	IR-15-00009-MAN-026-A	A	Actions taken by contractor of the CMC environmental checklist for the month of April.	May 22, 2016	May 23, 2016	A		
30	IR-15-00009-MAN-027-A	A	Shuttering for reservoir foundation	May 22, 2016	May 22, 2016	A		
31	IR-15-00009-MAN-028-A	A	The bottom layer rebar mish for reservoir foundation	May 23, 2016	May 23, 2016	A		
32	IR-15-00009-MAN-029-A	A	Base Coarse layer under Ma'an Retaining Wall	May 24, 2016	May 24, 2016	A		
33	IR-15-00009-MAN-030-A	A	Casting plain concrete under Ma'an Retaining Wall	May 24, 2016	May 25, 2016	A		
34	IR-15-00009-MAN-031-A	A	Casting RW foundation for segment (6-6A) & (6-6B)	May 28, 2016	May 29, 2016	A		
35	IR-15-00009-MAN-032-A	A	Steel reinforcement, installation of water stop and electrical installation for reservoir foundation.	May 29, 2016	May 30, 2016	C		
36	IR-15-00009-MAN-032-B	B	Steel reinforcement, installation of water stop and electrical installation for reservoir foundation.	May 29, 2016	May 30, 2016	A		
37	IR-15-00009-MAN-033-A	A	Casting concrete for Ma'an reservoir foundation	May 30, 2016	May 30, 2016	A		
38	IR-15-00009-MAN-034-A	A	Shuttering the first layer for the RW walls for segment (6-6A) & (6-6B)	June 2, 2016	June 2, 2016	A		
39	IR-15-00009-MAN-035-A	A	Steel reinforcement for the RW walls for segment (6-6A) & (6-6B)	June 2, 2016	June 2, 2016	A		
40	IR-15-00009-MAN-036-A	A	Shuttering the second face for the RW walls for segment (6-6A) & (6-6B)	June 5, 2016	June 6, 2016	A		
41	IR-15-00009-MAN-037-A	A	Casting concrete for the RW walls for segment (6-6A) & (6-6B)	June 7, 2016	June 7, 2016	A		

Maan IR LOG

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
42	IR-15-00009-MAN-038-A	A	Shuttering the first face for the RW walls for part (A) of segment (6-6A) part (B) of segment (6-6B)	June 9, 2016	June 9, 2016	A		
43	IR-15-00009-MAN-039-A	A	Steel Reinforcement for the RW walls for part (A) of segment (6-6A) part (B) of segment (6-6B)	June 9, 2016	June 9, 2016	A		
44	IR-15-00009-MAN-040-A	A	Shuttering the second face for the RW walls for part (A) of segment (6-6A) part (B) of segment (6-6B) at Ma'an construction site.	June 12, 2016	June 13, 2016	A		
45	IR-15-00009-MAN-041-A	A	Casting concrete for the RW walls for part (A) of segment (6-6A) part (B) of segment (6-6B) at Ma'an construction site	June 12, 2016	June 13, 2016	A		
46	IR-15-00009-MAN-042-A	A	Start primer coating for the external & internal sides of RW (walls and foundations) for part (A) of segment (6-6B) and parts (A, B, C) for segment (6-6A) at Ma'an Construction Site	June 19, 2016	June 19, 2016	A		
47	IR-15-00009-MAN-043-A	A	Start hot Bitumen (60/70) coating for the external & internal sides of RW (walls and foundations) for part (A) of segment (6-6B) and parts (A, B, C) for segment (6-6A) at Ma'an Construction Site	June 20, 2016	June 20, 2016	C		
48	IR-15-00009-MAN-043-B	B	Start hot Bitumen (60/70) coating for the external & internal sides of RW (walls and foundations) for part (A) of segment (6-6B) and parts (A, B, C) for segment (6-6A) at Ma'an Construction Site	June 21, 2016	June 21, 2016	A		
49	IR-15-00009-MAN-044-A	A	Actions taken by contractor of the CMC environmental checklist for the month of May 2016 at Ma'an Construction Site.	June 21, 2016	June 21, 2016	C		
50	IR-15-00009-MAN-045-A	A	Start backfilling for the external and internal sides of RW at Ma'an Construction Site.	June 22, 2016	June 22, 2016	A		
51	IR-15-00009-MAN-046-A	A	Compaction backfilling layer for segment (6-6A) and (6-6B) as shown in attached drawing RW at Ma'an Construction Site.	June 23, 2016	June 23, 2016	A		

# Annex G - Submittal Log

**USAID WEST BANK/GAZA  
INFRASTRUCTURE NEEDS PROGRAM INPII  
Construction Of Gaza Reservoirs and Pumping Facilities  
Contract No. : AID-294-I-00-12-00002  
Task Order No. : AID-294-TO-15-00009**



**SUBMITTALS LOG**

No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
1	SUB-15-00009-GAZII-001-A	GAZII	A	Bank Guarantee Certificate	Preconstruction	November 11, 2015	November 12, 2015	November 23, 2015	E
2	SUB-15-00009-GAZII-002-A	GAZII	A	Scheduling Qualification Submittal	Preconstruction	November 11, 2015	November 12, 2015	November 23, 2015	A
3	SUB-15-00009-GAZII-003-A	GAZII	A	Temporary Project Signs	Preconstruction	November 11, 2015	November 12, 2015	November 30, 2015	B
4	SUB-15-00009-GAZII-003-B	GAZII	B	Temporary Project Signs	Preconstruction	February 17, 2016	February 17, 2016	February 23, 2016	A
5	SUB-15-00009-GAZII-004-A	GAZII	A	Lists of Permits and License	Preconstruction	November 15, 2015	November 16, 2015	November 23, 2015	C
6	SUB-15-00009-GAZII-004-B	GAZII	B	Lists of Permits and License	Preconstruction	December 16, 2015	December 17, 2015	December 30, 2015	A
7	SUB-15-00009-GAZII-005-A	GAZII	A	Engineer's Computer Systems & Miscellaneous	Preconstruction	November 16, 2015	November 16, 2015	November 23, 2015	C
8	SUB-15-00009-GAZII-005-B	GAZII	B	Engineer's Computer Systems & Miscellaneous	Preconstruction	December 3, 2015	December 6, 2015	December 15, 2015	B
9	SUB-15-00009-GAZII-005-C	GAZII	C	Engineer's Computer Systems & Miscellaneous	Preconstruction	February 17, 2016	February 17, 2016	February 18, 2016	A
10	SUB-15-00009-GAZII-006-A	GAZII	A	General Construction Method Statement	Preconstruction	November 19, 2015	November 22, 2015	December 17, 2015	C
11	SUB-15-00009-GAZII-006-B	GAZII	B	General Construction Method Statement	Preconstruction	December 29, 2015	December 30, 2015	January 27, 2016	B
12	SUB-15-00009-GAZII-007-A	GAZII	A	Engineer's Offices Furniture	Preconstruction	November 19, 2015	November 22, 2015	November 23, 2015	B
13	SUB-15-00009-GAZII-007-B	GAZII	B	Engineer's Offices Furniture	Preconstruction	February 17, 2016	February 17, 2016	February 23, 2016	A
14	SUB-15-00009-GAZII-008-A	GAZII	A	Preliminary Progress Schedule Submittal	Preconstruction	November 19, 2015	November 22, 2015	December 14, 2015	B
15	SUB-15-00009-GAZII-009-A	GAZII	A	Engineer's Primary Field Office	Preconstruction	November 19, 2015	November 22, 2015	December 1, 2015	B
16	SUB-15-00009-GAZII-009-B	GAZII	B	Engineer's Primary Field Office	Preconstruction	February 17, 2016	February 17, 2016	February 23, 2016	A
17	SUB-15-00009-GAZII-010-A	GAZII	A	Engineer's Secondary Field Office	Preconstruction	November 19, 2015	November 22, 2015	December 6, 2015	B
18	SUB-15-00009-GAZII-010-B	GAZII	B	Engineer's Secondary Field Office	Preconstruction	January 3, 2016	January 3, 2016	January 17, 2016	A
19	SUB-15-00009-GAZII-011-A	GAZII	A	Storage Yard	Preconstruction	November 19, 2015	November 22, 2015	December 6, 2015	C
20	SUB-15-00009-GAZII-011-B	GAZII	B	Storage Yard Layout	Preconstruction	December 14, 2015	December 15, 2015	December 28, 2015	A

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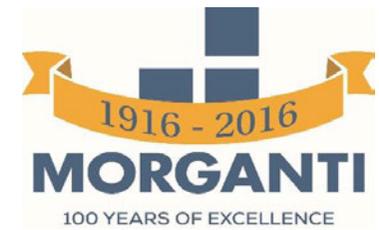


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No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
21	SUB-15-00009-GAZH-011-C	GAZH	C	Storage Yard Layout	Preconstruction	January 3, 2016	January 3, 2016	January 6, 2016	Retracted
22	SUB-15-00009-GAZII-011-C	GAZII	C	Storage Yard Layout	Preconstruction	January 6, 2016	January 7, 2016	January 17, 2016	A
23	SUB-15-00009-MAN-012-A	MAN	A	Dilapidation Report to distribution pipeline from Sta 1+000 to Sta. 1+106 at Ma'an)	Preconstruction	November 22, 2015	November 23, 2015	December 14, 2015	B
24	SUB-15-00009-MAN-012-B	MAN	B	Dilapidation Report to distribution pipeline from Sta 1+000 to Sta. 1+106 at Ma'an)	Preconstruction	February 17, 2016	February 17, 2016	February 23, 2016	A
25	SUB-15-00009-GAZII-013-A	GAZII	A	Shop Drawings Frame	Shop drawing - Civil	November 26, 2015	November 26, 2015	November 30, 2015	A
26	SUB-15-00009-GAZII-014-A	GAZII	A	Temporary Project Signs Location	Preconstruction	November 28, 2015	November 29, 2015	November 30, 2015	B
27	SUB-15-00009-GAZII-014-B	GAZII	B	Temporary Project Signs Location	Preconstruction	February 17, 2016	February 17, 2016	February 23, 2016	A
28	SUB-15-00009-GAZII-015-A	GAZII	A	Project Insurance Policy	Preconstruction	November 28, 2015	November 29, 2015	December 8, 2015	E
29	SUB-15-00009-GAZII-016-A	GAZII	A	Third Party Testing Labs	Preconstruction	November 29, 2015	November 30, 2015	December 8, 2015	C
30	SUB-15-00009-GAZII-016-B	GAZII	B	Third Party Testing Labs	Preconstruction	December 26, 2015	December 27, 2015	January 7, 2016	A
31	SUB-15-00009-BER-017-A	BER	A	Dilapidation Survey : Al-Berkah Reservoir and Pumping Facilities	Preconstruction	December 1, 2015	December 2, 2015	December 8, 2015	B
32	SUB-15-00009-BER-017-B	BER	B	Dilapidation Survey : Al-Berkah Reservoir and Pumping Facilities	Preconstruction	February 17, 2016	February 17, 2016	March 2, 2016	A
33	SUB-15-00009-GAZII-018-A	GAZII	A	Expandable Water Stop	Civil Material	December 3, 2015	December 6, 2015	December 14, 2015	B
34	SUB-15-00009-GAZII-018-B	GAZII	B	Expandable Water Stop	Civil Material	February 17, 2016	February 17, 2016	March 8, 2016	A
35	SUB-15-00009-GAZII-019-A	GAZII	A	PVC Water Stop	Civil Material	December 3, 2015	December 6, 2015	December 14, 2015	B
36	SUB-15-00009-GAZII-019-B	GAZII	B	PVC Water Stop	Civil Material	February 17, 2016	February 17, 2016	March 7, 2016	A
37	SUB-15-00009-GAZII-020-A	GAZII	A	PVC Pipes & Fittings	Mechanical Material	December 3, 2015	December 6, 2015	December 28, 2015	C
38	SUB-15-00009-GAZII-020-B	GAZII	B	PVC Pipes & Fittings	Mechanical Material	January 13, 2016	January 14, 2016	January 27, 2016	B
39	SUB-15-00009-GAZII-020-C	GAZII	C	PVC Pipes & Fittings	Mechanical Material	February 14, 2016	February 14, 2016	February 28, 2016	A

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**SUBMITTALS LOG**

No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
40	SUB-15-00009-GAZII-021-A	GAZII	A	Stainless Steel spool	Mechanical Material	December 3, 2015	December 6, 2015	December 14, 2015	C
41	SUB-15-00009-GAZII-021-B	GAZII	B	Stainless Steel spool	Mechanical Material	January 3, 2016	January 3, 2016	January 18, 2016	C
42	SUB-15-00009-GAZII-021-C	GAZII	C	Stainless Steel spool	Mechanical Material	January 24, 2016	January 24, 2016	February 3, 2016	A
43	SUB-15-00009-GAZII-022-A	GAZII	A	<b>Perforated pipe</b> Product Name: Super Kiz Manufacturer : Eliyahou Plastics Ltd	Mechanical Material	December 6, 2015	December 7, 2015	December 16, 2015	B
44	SUB-15-00009-GAZII-022-B	GAZII	B	<b>Perforated pipe</b> Product Name: Super Kiz Manufacturer : Eliyahou Plastics Ltd	Mechanical Material	March 16, 2016	March 16, 2016	March 22, 2016	A
45	SUB-15-00009-GAZII-023-A	GAZII	A	Traffic Control Plan	Preconstruction	December 6, 2015	December 7, 2015	December 23, 2015	C
46	SUB-15-00009-GAZII-023-B	GAZII	B	Traffic Control Plan	Preconstruction	January 17, 2016	January 17, 2016	January 31, 2016	C
47	SUB-15-00009-GAZII-023-C	GAZII	C	Traffic Control Plan	Preconstruction	February 10, 2016	February 10, 2016	February 14, 2016	A
48	SUB-15-00009-GAZII-024-A	GAZII	A	Dumping Site	Preconstruction	December 8, 2015	December 9, 2015	December 14, 2015	A
49	SUB-15-00009-GAZII-025-A	GAZII	A	Butterfly Valve	Mechanical Material	December 8, 2015	December 9, 2015	December 21, 2015	C
50	SUB-15-00009-GAZII-025-B	GAZII	B	Butterfly Valve	Mechanical Material	December 29, 2015	December 30, 2015	January 24, 2016	C
51	SUB-15-00009-GAZII-025-C	GAZII	C	Butterfly Valve	Mechanical Material	January 31, 2016	January 31, 2016	February 17, 2016	C
52	SUB-15-00009-GAZII-025-D	GAZII	D	Butterfly Valve	Mechanical Material	February 23, 2016	February 23, 2016	March 1, 2016	A
53	SUB-15-00009-BER-026-A	BER	A	Al Berkah Survey Grid & Contour Lines Shop Drawings	Shop drawing - Civil	December 8, 2015	December 9, 2015	December 30, 2015	A
54	SUB-15-00009-MAN-027-A	MAN	A	Ma'an Survey Grid & Contour Lines Shop Drawings	Shop drawing - Civil	December 8, 2015	December 9, 2015	December 30, 2015	A
55	SUB-15-00009-GAZII-028-A	GAZII	A	Ready Mix Concrete Plant The Arab Contacting & Concrete Industries Co.(ACCI)	Civil Material	December 10, 2015	December 10, 2015	December 23, 2015	E
56	SUB-15-00009-GAZII-029-A	GAZII	A	Reinforcement Steel Manufactures	Civil Material	December 10, 2015	December 10, 2015	December 15, 2015	E
57	SUB-15-00009-GAZII-030-A	GAZII	A	Sanad Construction Industries Cement Supplier	Civil Material	December 10, 2015	December 10, 2015	December 15, 2015	E

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**SUBMITTALS LOG**

No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
58	SUB-15-00009-GAZII-031-A	GAZII	A	Grounding system materials	Electrical Material	December 10, 2015	December 10, 2015	December 25, 2015	B
59	SUB-15-00009-GAZII-031-B	GAZII	B	Grounding system materials	Electrical Material	February 7, 2016	February 7, 2016	February 16, 2016	A
60	SUB-15-00009-GAZII-032-A	GAZII	A	Environmental Monitoring & Mitigation Plan	Preconstruction	December 13, 2015	December 13, 2015	December 16, 2015	C
61	SUB-15-00009-GAZII-032-B	GAZII	B	Environmental Monitoring & Mitigation Plan	Preconstruction	December 23, 2015	December 23, 2015	January 5, 2016	B
62	SUB-15-00009-GAZII-032-C	GAZII	C	Environmental Monitoring & Mitigation Plan	Preconstruction	February 17, 2016	February 17, 2016	February 23, 2016	A
63	SUB-15-00009-GAZII-033-A	GAZII	A	Warning Tape	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	C
64	SUB-15-00009-GAZII-033-B	GAZII	B	Warning Tape	Electrical Material	January 5, 2016	January 5, 2016	January 13, 2016	A
65	SUB-15-00009-GAZII-034-A	GAZII	A	Main Distribution Board	Electrical Material	December 13, 2015	December 13, 2015	December 28, 2015	C
66	SUB-15-00009-GAZII-034-B	GAZII	B	Main Distribution Board	Electrical Material	January 24, 2016	January 24, 2016	February 16, 2016	A
67	SUB-15-00009-GAZII-035-A	GAZII	A	SDB Distribution Board & Load Schedule	Electrical Material	December 13, 2015	December 13, 2015	January 3, 2016	C
68	SUB-15-00009-GAZII-035-B	GAZII	B	SDB Distribution Board & Load Schedule	Electrical Material	January 24, 2016	January 24, 2016	February 16, 2016	C
69	SUB-15-00009-GAZII-035-C	GAZII	C	SDB Distribution Board & Load Schedule	Electrical Material	February 21, 2016	February 21, 2016	February 23, 2016	A
70	SUB-15-00009-GAZII-036-A	GAZII	A	Cable Ladder	Electrical Material	December 13, 2015	December 13, 2015	December 28, 2015	B
71	SUB-15-00009-GAZII-036-B	GAZII	B	Cable Ladder	Electrical Material	February 7, 2016	February 7, 2016	February 17, 2016	A
72	SUB-15-00009-GAZII-037-A	GAZII	A	Cable Lugs	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	B
73	SUB-15-00009-GAZII-037-B	GAZII	B	Cable Lugs	Electrical Material	February 7, 2016	February 7, 2016	February 17, 2016	A
74	SUB-15-00009-GAZII-038-A	GAZII	A	Colored PVC Pipe	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	C
75	SUB-15-00009-GAZII-038-B	GAZII	B	Colored PVC Pipe	Electrical Material	February 15, 2016	February 15, 2016	February 17, 2016	A
76	SUB-15-00009-GAZII-039-A	GAZII	A	Disconnect Switch	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	B
77	SUB-15-00009-GAZII-039-B	GAZII	B	Disconnect Switch	Electrical Material	February 7, 2016	February 7, 2016	February 17, 2016	A

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**SUBMITTALS LOG**

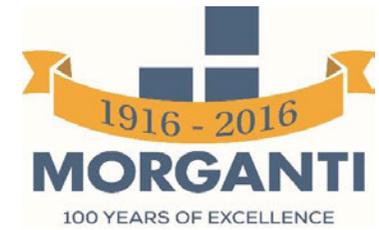
No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
78	SUB-15-00009-GAZII-040-A	GAZII	A	Disconnect Switch for Pumps	Electrical Material	December 13, 2015	December 13, 2015	December 28, 2015	B
79	SUB-15-00009-GAZII-040-B	GAZII	B	Disconnect Switch for Pumps	Electrical Material	February 7, 2016	February 7, 2016	February 17, 2016	A
80	SUB-15-00009-GAZII-041-A	GAZII	A	Gland Cable	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	A
81	SUB-15-00009-GAZII-042-A	GAZII	A	Flexible Conduit	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	B
82	SUB-15-00009-GAZII-042-B	GAZII	B	Flexible Conduit	Electrical Material	February 7, 2016	February 7, 2016	February 17, 2016	A
83	SUB-15-00009-GAZII-043-A	GAZII	A	Metal Box	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	B
84	SUB-15-00009-GAZII-043-B	GAZII	B	Metal Box	Electrical Material	February 7, 2016	February 7, 2016	February 25, 2016	A
85	SUB-15-00009-GAZII-044-A	GAZII	A	Power Cable	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	B
86	SUB-15-00009-GAZII-044-B	GAZII	B	Power Cable	Electrical Material	February 7, 2016	February 7, 2016	February 17, 2016	A
87	SUB-15-00009-GAZII-045-A	GAZII	A	Solvent Cement For PVC Systems	Electrical Material	December 13, 2015	December 13, 2015	December 30, 2015	A
88	SUB-15-00009-GAZII-046-A	GAZII	A	PVC Fittings - Electrical	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	C
89	SUB-15-00009-GAZII-046-B	GAZII	B	PVC Fittings - Electrical	Electrical Material	January 6, 2016	January 7, 2016	January 13, 2016	C
90	SUB-15-00009-GAZII-046-C	GAZII	C	PVC Fittings - Electrical	Electrical Material	January 28, 2016	January 28, 2016	February 7, 2016	A
91	SUB-15-00009-GAZII-047-A	GAZII	A	PVC Pipe - Electrical	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	B
92	SUB-15-00009-GAZII-047-B	GAZII	B	PVC Pipe - Electrical	Electrical Material	February 7, 2016	February 7, 2016	February 17, 2016	A
93	SUB-15-00009-GAZII-048-A	GAZII	A	Receptacles & Switches	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	C
94	SUB-15-00009-GAZII-048-B	GAZII	B	Receptacles & Switches	Electrical Material	February 15, 2016	February 15, 2016	February 23, 2016	B
95	SUB-15-00009-GAZII-049-A	GAZII	A	Conduits for Electrical works (Galvanized Steel Pipes )	Electrical Material	December 13, 2015	December 14, 2015	December 30, 2015	A
96	SUB-15-00009-GAZII-050-A	GAZII	A	Steel Light Pole	Electrical Material	December 13, 2015	December 14, 2015	January 3, 2016	C
97	SUB-15-00009-GAZII-050-B	GAZII	B	Steel Light Pole	Electrical Material	January 24, 2016	January 24, 2016	February 3, 2016	A

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98	SUB-15-00009-GAZII-051-A	GAZII	A	Gate Valves & Gear Boxes	Mechanical Material	December 13, 2015	December 14, 2015	December 25, 2015	C
99	SUB-15-00009-GAZII-051-B	GAZII	B	Gate Valves & Gear Boxes	Mechanical Material	January 3, 2016	January 3, 2016	January 24, 2016	C
100	SUB-15-00009-GAZII-051-C	GAZII	C	Gate Valves & Gear Boxes	Mechanical Material	January 27, 2016	January 27, 2016	February 14, 2016	A
101	SUB-15-00009-BER-052-A	BER	A	Dilapidation Survey : Al-Berkah Yard	Preconstruction	December 14, 2015	December 15, 2015	December 23, 2015	A
102	SUB-15-00009-MAN-053-A	MAN	A	Dilapidation Survey : Ma'an Yard	Preconstruction	December 14, 2015	December 15, 2015	December 23, 2015	A
103	SUB-15-00009-GAZII-054-A	GAZII	A	Construction Risk Management Program	Preconstruction	December 14, 2015	December 15, 2015	December 30, 2015	C
104	SUB-15-00009-GAZII-054-B	GAZII	B	Construction Risk Management Program	Preconstruction	January 9, 2016	January 10, 2016	January 18, 2016	A
105	SUB-15-00009-GAZII-055-A	GAZII	A	Lighting –Fixtures	Electrical Material	December 14, 2015	December 15, 2015	January 4, 2016	B
106	SUB-15-00009-GAZII-055-B	GAZII	B	Lighting –Fixtures	Electrical Material	February 7, 2016	February 7, 2016	February 17, 2016	A
107	SUB-15-00009-GAZII-056-A	GAZII	A	Engine generator -250KW	Electrical Material	December 15, 2015	December 16, 2015	January 3, 2016	C
108	SUB-15-00009-GAZII-056-B	GAZII	B	Engine generator -250KW	Electrical Material	January 17, 2016	January 17, 2016	January 31, 2016	C
109	SUB-15-00009-GAZII-056-C	GAZII	C	Engine generator -250KW	Electrical Material	February 11, 2016	February 11, 2016	February 25, 2016	C
110	SUB-15-00009-GAZII-056-D	GAZII	D	Engine generator -250KW	Electrical Material	March 27, 2016	March 27, 2016	April 7, 2016	C
111	SUB-15-00009-GAZII-056-E	GAZII	E	Engine generator -250KW	Electrical Material	May 12, 2016	May 12, 2016	May 24, 2016	A
112	SUB-15-00009-GAZII-057-A	GAZII	A	PVC Box ( ELECTRICAL)	Electrical Material	December 15, 2015	December 16, 2015	December 30, 2015	A
113	SUB-15-00009-GAZII-058-A	GAZII	A	1" & 2" Combination Air Valves	Mechanical Material	December 15, 2015	December 16, 2015	January 11, 2016	C
114	SUB-15-00009-GAZII-058-B	GAZII	B	2" Combination Air Valves	Mechanical Material	January 17, 2016	January 17, 2016	January 27, 2016	A
115	SUB-15-00009-GAZII-059-A	GAZII	A	3" & 4" Combination Air Valves	Mechanical Material	December 15, 2015	December 16, 2015	January 11, 2016	C
116	SUB-15-00009-GAZII-059-B	GAZII	B	3" & 4" Combination Air Valves	Mechanical Material	January 17, 2016	January 17, 2016	February 14, 2016	A
117	SUB-15-00009-GAZII-060-A	GAZII	A	Ball Valves DN50 & Smaller	Mechanical Material	December 15, 2015	December 16, 2015	December 30, 2015	B

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**SUBMITTALS LOG**

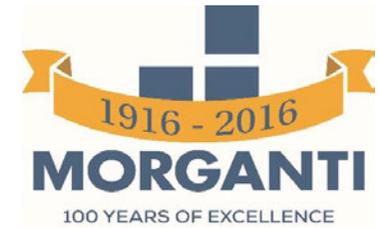
No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
118	SUB-15-00009-GAZII-060-B	GAZII	B	Ball Valves DN50 & Smaller	Mechanical Material	February 11, 2016	February 11, 2016	February 23, 2016	A
119	SUB-15-00009-GAZII-061-A	GAZII	A	Electromagnetic Flow Meter	Mechanical & Electrical Material	December 15, 2015	December 16, 2015	January 11, 2016	C
120	SUB-15-00009-GAZII-062-A	GAZII	A	Pressure Level Transmitters	Mechanical & Electrical Material	December 15, 2015	December 16, 2015	January 7, 2016	C
121	SUB-15-00009-GAZII-062-B	GAZII	B	Pressure Level Transmitters	Mechanical & Electrical Material	April 18, 2016	April 18, 2016	April 21, 2016	E
122	SUB-15-00009-GAZII-063-A	GAZII	A	Back Flow Preventer	Mechanical Material	December 15, 2015	December 16, 2015	January 3, 2016	A
123	SUB-15-00009-GAZII-064-A	GAZII	A	Float Level Switch	Mechanical Material	December 16, 2015	December 17, 2015	December 30, 2015	A
124	SUB-15-00009-GAZII-065-A	GAZII	A	Flow Switch	Mechanical & Electrical Material	December 16, 2015	December 17, 2015	December 30, 2015	B
125	SUB-15-00009-GAZII-065-B	GAZII	B	Flow Switch	Mechanical & Electrical Material	February 14, 2016	February 14, 2016	February 23, 2016	A
126	SUB-15-00009-GAZII-066-A	GAZII	A	Pipe Expansion Joint- Mechanical	Mechanical Material	December 16, 2015	December 17, 2015	January 11, 2016	C
127	SUB-15-00009-GAZII-066-B	GAZII	B	Pipe Expansion Joint- Mechanical	Mechanical Material	January 19, 2016	January 21, 2016	January 31, 2016	A
128	SUB-15-00009-GAZII-067-A	GAZII	A	Ready Mix Concrete Plant (Al-Taawn ready mix concrete)	Civil Material	December 16, 2015	December 17, 2015	December 28, 2015	E
129	SUB-15-00009-GAZII-068-A	GAZII	A	Control & Signal Cable – Electrical	Electrical Material	December 19, 2015	December 20, 2015	December 30, 2015	D
130	SUB-15-00009-GAZII-068-B	GAZII	B	Control & Signal Cable – Electrical	Electrical Material	March 29, 2016	March 29, 2016	April 13, 2016	C
131	SUB-15-00009-GAZII-068-C	GAZII	C	Control & Signal Cable – Electrical	Electrical Material	May 9, 2016	May 9, 2016	May 16, 2016	A
132	SUB-15-00009-GAZII-069-A	GAZII	A	Data cable –CAT 6A – Electrical	Electrical Material	December 19, 2015	December 20, 2015	December 30, 2015	C
133	SUB-15-00009-GAZII-070-A	GAZII	A	Installation Wire – Electrical	Electrical Material	December 19, 2015	December 20, 2015	December 30, 2015	A
134	SUB-15-00009-GAZII-071-A	GAZII	A	Intrusion System – Electrical	Electrical Material	December 19, 2015	December 20, 2015	December 30, 2015	A
135	SUB-15-00009-GAZII-072-A	GAZII	A	Fire Alarm System – Electrical	Electrical Material	December 19, 2015	December 20, 2015	December 30, 2015	C
136	SUB-15-00009-GAZII-072-B	GAZII	B	Fire Alarm System – Electrical	Electrical Material	February 11, 2016	February 11, 2016	February 23, 2016	C

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No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
137	SUB-15-00009-GAZII-073-A	GAZII	A	Key Personnel	Preconstruction	December 20, 2015	December 21, 2015	December 28, 2015	E
138	SUB-15-00009-GAZII-074-A	GAZII	A	Submittals Schedule	Preconstruction	December 20, 2015	December 21, 2015	January 3, 2016	B
139	SUB-15-00009-GAZII-075-A	GAZII	A	Quality Control Program (QCP)	Preconstruction	December 20, 2015	December 21, 2015	January 17, 2016	C
140	SUB-15-00009-GAZII-075-B	GAZII	B	Quality Control Program (QCP)	Preconstruction	January 28, 2016	January 28, 2016	February 16, 2016	B
141	SUB-15-00009-GAZII-076-A	GAZII	A	Safety Plane	Preconstruction	December 23, 2015	December 21, 2015	January 11, 2016	C
142	SUB-15-00009-GAZII-076-B	GAZII	B	Safety Plane	Preconstruction	January 13, 2016	January 14, 2016	January 31, 2016	A
143	SUB-15-00009-GAZII-077-A	GAZII	A	Flanged coupling adapters (PN16) For Ductile Iron Pipes	Mechanical Material	December 23, 2015	December 23, 2015	January 11, 2016	D
144	SUB-15-00009-GAZII-077-B	GAZII	B	Flanged coupling adapters (PN16) For Ductile Iron Pipes	Mechanical Material	April 28, 2016	April 28, 2016	May 10, 2016	E
145	SUB-15-00009-GAZII-078-A	GAZII	A	Flanged coupling adapters (PN16) For Steel Pipes	Mechanical Material	December 23, 2015	December 23, 2015	January 11, 2016	D
146	SUB-15-00009-GAZII-078-B	GAZII	B	Flanged coupling adapters (PN16) For Steel Pipes	Mechanical Material	February 11, 2016	February 11, 2016	February 28, 2016	D
147	SUB-15-00009-GAZII-078-C	GAZII	C	Flanged coupling adapters (PN16) For Steel Pipes	Mechanical Material	April 28, 2016	April 28, 2016	May 10, 2016	E
148	SUB-15-00009-GAZII-079-A	GAZII	A	Strainer	Mechanical Material	December 23, 2015	December 23, 2015	January 3, 2016	C
149	SUB-15-00009-GAZII-079-B	GAZII	B	Strainer	Mechanical Material	January 17, 2016	January 17, 2016	January 26, 2016	A
150	SUB-15-00009-GAZII-080-A	GAZII	A	Pressure Gauges & Snubbers	Mechanical Material	December 23, 2015	December 23, 2015	January 11, 2016	C
151	SUB-15-00009-GAZII-080-B	GAZII	B	Pressure Gauges & Snubbers	Mechanical Material	February 25, 2016	February 25, 2016	March 15, 2016	C
152	SUB-15-00009-GAZII-081-A	GAZII	A	Disinfection System Instruments	Mechanical & Electrical Material	December 23, 2015	December 23, 2015	January 17, 2016	C
153	SUB-15-00009-GAZII-081-B	GAZII	B	Disinfection System Instruments	Mechanical & Electrical Material	January 27, 2016	January 27, 2016	February 23, 2016	C
154	SUB-15-00009-GAZII-081-C	GAZII	C	Disinfection System Instruments	Mechanical & Electrical Material	March 20, 2016	March 20, 2016	March 29, 2016	C
155	SUB-15-00009-GAZII-081-D	GAZII	D	Disinfection System Instruments	Mechanical & Electrical Material	March 31, 2016	March 31, 2016	April 12, 2016	A
156	SUB-15-00009-GAZII-082-A	GAZII	A	Flap Valve	Mechanical Material	December 23, 2015	December 23, 2015	January 3, 2016	B

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157	SUB-15-00009-GAZII-082-B	GAZII	B	Flap Valve	Mechanical Material	February 11, 2016	February 11, 2016	February 23, 2016	A
158	SUB-15-00009-GAZII-083-A	GAZII	A	Plumping Fixtures	Mechanical Material	December 23, 2015	December 23, 2015	January 3, 2016	A
159	SUB-15-00009-GAZII-084-A	GAZII	A	Original CPM Schedule Submittal	Preconstruction	December 27, 2015	December 27, 2015	January 24, 2016	C
160	SUB-15-00009-GAZII-084-B	GAZII	B	Original CPM Schedule Submittal	Preconstruction	March 1, 2016	March 1, 2016	March 21, 2016	C
161	SUB-15-00009-GAZII-084-C	GAZII	C	Original CPM Schedule Submittal	Preconstruction	March 28, 2016	March 28, 2016	April 26, 2016	B
162	SUB-15-00009-GAZII-084-D	GAZII	D	Original CPM Schedule Submittal	Preconstruction	May 9, 2016	May 9, 2016	May 22, 2016	A
163	SUB-15-00009-BER-085-A	BER	A	Al Berkah 3800M3 Reservoir Shop Drawing / Structural & Architectural	Shop drawing - Civil	December 29, 2015	December 30, 2015	January 11, 2016	C
164	SUB-15-00009-BER-085-B	BER	B	Al Berkah 3800M3 Reservoir Shop Drawing / Structural & Architectural	Shop drawing - Civil	January 26, 2016	January 27, 2016	February 23, 2016	B
165	SUB-15-00009-BER-085-C	BER	C	Al Berkah 3800M3 Reservoir Shop Drawing / Structural & Architectural	Shop drawing - Civil	March 13, 2016	March 13, 2016	March 23, 2016	A
166	SUB-15-00009-MAN-086-A	MAN	A	Ma'an 3800M3 Reservoir / Structural & Architectural Shop Drawing	Shop drawing - Civil	December 29, 2015	December 30, 2015	January 11, 2016	C
167	SUB-15-00009-MAN-086-B	MAN	B	Ma'an 3800M3 Reservoir / Structural & Architectural Shop Drawing	Shop drawing - Civil	January 27, 2016	January 27, 2016	February 23, 2016	B
168	SUB-15-00009-MAN-086-C	MAN	C	Ma'an 3800M3 Reservoir / Structural & Architectural Shop Drawing	Shop drawing - Civil	March 13, 2016	March 13, 2016	March 23, 2016	A
169	SUB-15-00009-GAZII-087-A	GAZII	A	Concrete Mix Design Class B35 Cylinder	Civil Material	January 3, 2016	January 3, 2016	January 11, 2016	C
170	SUB-15-00009-GAZII-087-B	GAZII	B	Concrete Mix Design Class B35 Cylinder	Civil Material	March 10, 2016	March 10, 2016	March 15, 2016	E
171	SUB-15-00009-GAZII-088-A	GAZII	A	Concrete Mix Design Class B20, B25, B30 &B35	Civil Material	January 3, 2016	January 3, 2016	January 17, 2016	C
172	SUB-15-00009-GAZII-088-B	GAZII	B	Concrete Mix Design Class B20, B25, B30 &B35	Civil Material	March 10, 2016	March 10, 2016	March 15, 2016	E

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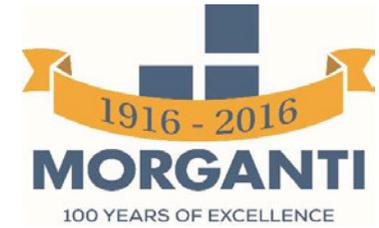
**SUBMITTALS LOG**

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173	SUB-15-00009-GAZII-089-A	GAZII	A	Security Plan	Preconstruction	January 5, 2016	January 5, 2016	January 11, 2016	C
174	SUB-15-00009-GAZII-089-B	GAZII	B	Security Plan	Preconstruction	January 19, 2016	January 21, 2016	January 26, 2016	E
175	SUB-15-00009-GAZII-090-A	GAZII	A	Subcontractor Profile	Preconstruction	January 6, 2016	January 7, 2016	January 11, 2016	C
176	SUB-15-00009-GAZII-090-B	GAZII	B	Subcontractor Profile	Preconstruction	January 17, 2016	January 17, 2016	January 21, 2016	E
177	SUB-15-00009-BER-091-A	BER	A	Al Berkah Retaining Walls (Shop Drawings)	Shop drawing - Civil	January 13, 2016	January 14, 2016	February 9, 2016	C
178	SUB-15-00009-BER-091-B	BER	B	Al Berkah Retaining Walls (Shop Drawings)	Shop drawing - Civil	February 17, 2016	February 17, 2016	March 14, 2016	C
179	SUB-15-00009-BER-091-C	BER	C	Al Berkah Retaining Walls (Shop Drawings)	Shop drawing - Civil	March 16, 2016	March 16, 2016	March 21, 2016	B
180	SUB-15-00009-BER-091-D	BER	D	Al Berkah Retaining Walls (Shop Drawings)	Shop drawing - Civil	March 21, 2016	March 21, 2016	April 13, 2016	E
181	SUB-15-00009-GAZII-092-A	GAZII	A	Check valve	Mechanical Material	January 17, 2016	January 17, 2016	February 14, 2016	A
182	SUB-15-00009-GAZII-093-A	GAZII	A	Tapping saddles	Mechanical Material	January 17, 2016	January 17, 2016	January 31, 2016	C
183	SUB-15-00009-GAZII-093-B	GAZII	B	Tapping saddles	Mechanical Material	February 11, 2016	February 11, 2016	March 1, 2016	A
184	SUB-15-00009-GAZII-094-A	GAZII	A	Formwork System	Civil Material	January 19, 2016	January 21, 2016	February 10, 2016	C
185	SUB-15-00009-GAZII-094-B	GAZII	B	Formwork System (Reservoir Walls)	Civil Material	February 11, 2016	February 11, 2016	February 28, 2016	E
186	SUB-15-00009-MAN-095-A	MAN	A	MAAN Vertical Turbine Booster Pumps	Mechanical Material	January 19, 2016	January 21, 2016	January 31, 2016	C
187	SUB-15-00009-BER-096-A	BER	A	Al Berkah Vertical Turbine Booster Pumps	Mechanical Material	January 19, 2016	January 21, 2016	February 1, 2016	C
188	SUB-15-00009-GAZII-097-A	GAZII	A	Main Distribution Board	Shop drawing - Electrical	January 19, 2016	January 21, 2016	February 17, 2016	C
189	SUB-15-00009-GAZII-097-B	GAZII	B	Main Distribution Board	Shop drawing - Electrical	February 21, 2016	February 21, 2016	February 23, 2016	A
190	SUB-15-00009-GAZII-098-A	GAZII	A	Sub Distribution Board	Shop drawing - Electrical	January 19, 2016	January 21, 2016	February 16, 2016	C

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191	SUB-15-00009-GAZII-098-B	GAZII	B	Sub Distribution Board	Shop drawing - Electrical	February 21, 2016	February 21, 2016	March 3, 2016	A
192	SUB-15-00009-GAZII-099-A	GAZII	A	Dismantling Joint	Mechanical Material	January 21, 2016	January 21, 2016	February 3, 2016	A
193	SUB-15-00009-GAZII-100-A	GAZII	A	Grounding manhole	Electrical Material	January 21, 2016	January 21, 2016	January 28, 2016	A
194	SUB-15-00009-GAZII-101-A	GAZII	A	Ductile iron pipe and fittings	Mechanical Material	January 21, 2016	January 21, 2016	February 8, 2016	C
195	SUB-15-00009-GAZII-101-B	GAZII	B	Ductile iron pipe and fittings	Mechanical Material	February 15, 2016	February 15, 2016	February 28, 2016	C
196	SUB-15-00009-GAZII-101-C	GAZII	C	Ductile iron pipe and fittings	Mechanical Material	March 9, 2016	March 9, 2016	March 15, 2016	C
197	SUB-15-00009-GAZII-101-D	GAZII	D	Ductile iron pipe and fittings	Mechanical Material	March 24, 2016	March 24, 2016	April 2, 2016	Retracted
198	SUB-15-00009-GAZII-101-D	GAZII	D	Ductile iron pipe and fittings	Mechanical Material	April 24, 2016	April 24, 2016	May 8, 2016	A
199	SUB-15-00009-GAZII-102-A	GAZII	A	Reservoirs Drain Pipes and Fittings	Mechanical Material	January 24, 2016	January 24, 2016	January 31, 2016	B
200	SUB-15-00009-GAZII-102-B	GAZII	B	Reservoirs Drain Pipes and Fittings	Mechanical Material	April 20, 2016	April 20, 2016	April 28, 2016	E
201	SUB-15-00009-GAZII-103-A	GAZII	A	Stainless steel pipes inside water tank	Mechanical Material	January 24, 2016	January 24, 2016	February 16, 2016	C
202	SUB-15-00009-GAZII-103-B	GAZII	B	Stainless steel pipes inside water tank	Mechanical Material	February 23, 2016	February 23, 2016	March 1, 2016	B
203	SUB-15-00009-GAZII-103-C	GAZII	C	Stainless steel pipes inside water tank	Mechanical Material	March 27, 2016	March 27, 2016	March 31, 2016	A
204	SUB-15-00009-GAZII-104-A	GAZII	A	Steel & Stainless Steel Pipes Gaskets	Mechanical Material	January 24, 2016	January 24, 2016	February 3, 2016	A
205	SUB-15-00009-GAZII-105-A	GAZII	A	Plumping Pipes and Fittings	Mechanical Material	January 24, 2016	January 24, 2016	February 9, 2016	C
206	SUB-15-00009-GAZII-105-B	GAZII	B	Plumping Pipes and Fittings	Mechanical Material	March 27, 2016	March 27, 2016	March 31, 2016	C
207	SUB-15-00009-GAZII-106-A	GAZII	A	Flanged Ball Valves	Mechanical Material	January 24, 2016	January 24, 2016	February 8, 2016	C

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208	SUB-15-00009-GAZII-106-B	GAZII	B	Flanged Ball Valves	Mechanical Material	February 11, 2016	February 11, 2016	February 23, 2016	A
209	SUB-15-00009-GAZII-107-A	GAZII	A	Polyethylene Storage Tanks	Mechanical Material	January 24, 2016	January 24, 2016	February 9, 2016	C
210	SUB-15-00009-GAZII-107-B	GAZII	B	Polyethylene Storage Tanks	Mechanical Material	February 17, 2016	February 17, 2016	February 28, 2016	C
211	SUB-15-00009-GAZII-107-C	GAZII	C	Polyethylene Storage Tanks	Mechanical Material	March 9, 2016	March 9, 2016	March 13, 2016	A
212	SUB-15-00009-GAZII-108-A	GAZII	A	Ultraviolet (UV) Water Purifier- Mechanical	Mechanical Material	January 25, 2016	January 25, 2016	February 14, 2016	A
213	SUB-15-00009-GAZII-109-A	GAZII	A	Solar Collection System	Mechanical Material	January 25, 2016	January 25, 2016	February 14, 2016	A
214	SUB-15-00009-GAZII-110-A	GAZII	A	Water Copper Tube	Mechanical Material	January 25, 2016	January 25, 2016	February 8, 2016	A
215	SUB-15-00009-GAZII-111-A	GAZII	A	Mechanical Coupling	Mechanical Material	January 25, 2016	January 25, 2016	February 14, 2016	C
216	SUB-15-00009-GAZII-111-B	GAZII	B	Mechanical Coupling	Mechanical Material	April 28, 2016	April 28, 2016	May 10, 2016	E
217	SUB-15-00009-GAZII-112-A	GAZII	A	HAVC Copper Tube - Mechanical	Mechanical Material	January 25, 2016	January 25, 2016	February 8, 2016	A
218	SUB-15-00009-GAZII-113-A	GAZII	A	Water Drain Bottle Trap	Mechanical Material	January 25, 2016	January 25, 2016	February 14, 2016	A
219	SUB-15-00009-BER-114-A	BER	A	Al Berkah 3800 m3 Reservoir – Electrical Shop Drawing	Shop drawing - Electrical	January 26, 2016	January 26, 2016	February 14, 2016	C
220	SUB-15-00009-BER-114-B	BER	B	Al Berkah 3800 m3 Reservoir – Electrical Shop Drawing	Shop drawing - Electrical	February 28, 2016	February 28, 2016	March 13, 2016	B
221	SUB-15-00009-BER-114-C	BER	C	Al Berkah 3800 m3 Reservoir – Electrical Shop Drawing	Shop drawing - Electrical	March 16, 2016	March 16, 2016	March 23, 2016	A
222	SUB-15-00009-MAN-115-A	MAN	A	Maan 3800 m3 Reservoir – Electrical Shop Drawing	Shop drawing - Electrical	January 26, 2016	January 26, 2016	February 14, 2016	C
223	SUB-15-00009-MAN-115-B	MAN	B	Maan 3800 m3 Reservoir – Electrical Shop Drawing	Shop drawing - Electrical	February 28, 2016	February 28, 2016	March 13, 2016	B
224	SUB-15-00009-MAN-115-C	MAN	C	Maan 3800 m3 Reservoir – Electrical Shop Drawing	Shop drawing - Electrical	March 16, 2016	March 16, 2016	March 23, 2016	A
225	SUB-15-00009-BER-116-A	BER	A	Al Berkah 3800 m3 Reservoir – Mechanical Shop Drawing	Shop drawing - Mechanical	January 26, 2016	January 26, 2016	February 16, 2016	C

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226	SUB-15-00009-BER-116-B	BER	B	Al Berkah 3800 m3 Reservoir – Mechanical Shop Drawing	Shop drawing - Mechanical	March 13, 2016	March 13, 2016	March 29, 2016	C
227	SUB-15-00009-BER-116-C	BER	C	Al Berkah 3800 m3 Reservoir – Mechanical Shop Drawing	Shop drawing - Mechanical	April 24, 2016	April 24, 2016	May 11, 2016	C
228	SUB-15-00009-BER-116-D	BER	D	Al Berkah 3800 m3 Reservoir – Mechanical Shop Drawing	Shop drawing - Mechanical	June 7, 2016	June 7, 2016	June 22, 2016	B
229	SUB-15-00009-MAN-117-A	MAN	A	Maan 3800 m3 Reservoir – Mechanical Shop Drawing	Shop drawing - Mechanical	January 26, 2016	January 26, 2016	February 16, 2016	C
230	SUB-15-00009-MAN-117-B	MAN	B	Maan 3800 m3 Reservoir – Mechanical Shop Drawing	Shop drawing - Mechanical	March 13, 2016	March 13, 2016	March 29, 2016	C
231	SUB-15-00009-MAN-117-C	MAN	C	Maan 3800 m3 Reservoir – Mechanical Shop Drawing	Shop drawing - Mechanical	April 7, 2016	April 7, 2016	May 5, 2016	C
232	SUB-15-00009-MAN-118-A	MAN	A	Method Statement warehouse Demolition Ma'an	Method Statement	January 27, 2016	January 27, 2016	January 31, 2016	Retracted
233	SUB-15-00009-MAN-118-A	MAN	A	Method Statement warehouse Demolition Ma'an	Method Statement	January 31, 2016	January 31, 2016	February 3, 2016	A
234	SUB-15-00009-GAZII-119-A	GAZII	A	Meridur Pipes And Fitting For Disinfection System	Mechanical Material	January 28, 2016	January 28, 2016	February 14, 2016	D
235	SUB-15-00009-GAZII-119-B	GAZII	B	Meridur Pipes And Fitting For Disinfection System	Mechanical Material	March 27, 2016	March 27, 2016	April 4, 2016	C
236	SUB-15-00009-GAZII-119-C	GAZII	C	Meridur Pipes And Fitting For Disinfection System	Mechanical Material	April 6, 2016	April 6, 2016	April 10, 2016	A
237	SUB-15-00009-GAZII-120-A	GAZII	A	Gate Valve PN16	Mechanical Material	January 28, 2016	January 28, 2016	February 16, 2016	C
238	SUB-15-00009-GAZII-120-B	GAZII	B	Gate Valve PN16	Mechanical Material	February 23, 2016	February 23, 2016	March 8, 2016	A
239	SUB-15-00009-GAZII-121-A	GAZII	A	Floor Drains	Mechanical Material	January 28, 2016	January 28, 2016	February 14, 2016	C
240	SUB-15-00009-GAZII-121-B	GAZII	B	Floor Drains	Mechanical Material	February 15, 2016	February 15, 2016	February 28, 2016	C
241	SUB-15-00009-GAZII-122-A	GAZII	A	Roof Drains	Mechanical Material	January 28, 2016	January 28, 2016	February 14, 2016	C

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No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
242	SUB-15-00009-GAZII-122-B	GAZII	B	Roof Drains	Mechanical Material	February 15, 2016	February 15, 2016	February 28, 2016	A
243	SUB-15-00009-GAZII-123-A	GAZII	A	Concrete Ready-Mix Design A1 & A3 (35MPa), B(28Mpa), D7 (14MPa) & 30 MPa- Size 20 mm	Civil Material	January 31, 2016	January 31, 2016	February 14, 2016	A
244	SUB-15-00009-GAZII-124-A	GAZII	A	Bolts, Washers and Nuts for ductile iron system	Mechanical Material	January 31, 2016	January 31, 2016	February 16, 2016	C
245	SUB-15-00009-GAZII-124-B	GAZII	B	Bolts, Washers and Nuts for ductile iron system	Mechanical Material	February 24, 2016	February 24, 2016	March 1, 2016	A
246	SUB-15-00009-GAZII-125-A	GAZII	A	Alternative -lighting fixture	Electrical Material	January 31, 2016	January 31, 2016	February 7, 2016	A
247	SUB-15-00009-BER-126-A	BER	A	Float Control Valve ( Al Berkah )	Mechanical Material	January 31, 2016	January 31, 2016	February 17, 2016	C
248	SUB-15-00009-BER-126-B	BER	B	Float Control Valve ( Al Berkah )	Mechanical Material	February 24, 2016	February 24, 2016	March 21, 2016	C
249	SUB-15-00009-BER-126-C	BER	C	Float Control Valve ( Al Berkah )	Mechanical Material	June 23, 2016	June 23, 2016		Under Review
250	SUB-15-00009-GAZII-127-A	GAZII	A	AC Units Guard House	Mechanical Material	January 31, 2016	January 31, 2016	February 7, 2016	C
251	SUB-15-00009-GAZII-127-B	GAZII	B	AC Units Guard House	Mechanical Material	February 15, 2016	February 15, 2016	February 28, 2016	A
252	SUB-15-00009-GAZII-128-A	GAZII	A	Concrete Curing Method Statement	Method Statement	January 31, 2016	January 31, 2016	February 24, 2016	B
253	SUB-15-00009-GAZII-128-B	GAZII	B	Concrete Curing Method Statement	Method Statement	March 10, 2016	March 10, 2016	March 21, 2016	A
254	SUB-15-00009-GAZII-129-A	GAZII	A	AC Units Electrical & Control Building	Mechanical Material	January 31, 2016	January 31, 2016	February 16, 2016	C
255	SUB-15-00009-GAZII-129-B	GAZII	B	AC Units Electrical & Control Building	Mechanical Material	February 24, 2016	February 24, 2016	March 3, 2016	A
256	SUB-15-00009-GAZII-130-A	GAZII	A	PVC-U Pipe for Sewage	Mechanical Material	January 31, 2016	January 31, 2016	February 16, 2016	D
257	SUB-15-00009-GAZII-130-B	GAZII	B	PVC-U Pipe for Sewage	Mechanical Material	February 24, 2016	February 24, 2016	March 2, 2016	A



**SUBMITTALS LOG**

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258	SUB-15-00009-GAZII-131-A	GAZII	A	Stainless Steel Bolts and Nuts	Mechanical Material	January 31, 2016	January 31, 2016	February 16, 2016	C
259	SUB-15-00009-GAZII-131-B	GAZII	B	Stainless Steel Bolts and Nuts	Mechanical Material	February 24, 2016	February 24, 2016	March 1, 2016	A
260	SUB-15-00009-BER-132-A	BER	A	Al Berkah Site Layout Shop Drawing	Shop drawing - Civil	January 31, 2016	January 31, 2016	February 23, 2016	B
261	SUB-15-00009-BER-132-B	BER	B	Al Berkah Site Layout Shop Drawing	Shop drawing - Civil	March 9, 2016	March 9, 2016	March 15, 2016	A
262	SUB-15-00009-MAN-133-A	MAN	A	Maan Site Layout Shop Drawing	Shop drawing - Civil	January 31, 2016	January 31, 2016	February 23, 2016	C
263	SUB-15-00009-MAN-133-B	MAN	B	Maan Site Layout Shop Drawing	Shop drawing - Civil	February 25, 2016	February 25, 2016	March 15, 2016	A
264	SUB-15-00009-MAN-133-C	MAN	C	Maan Site Layout Shop Drawing	Shop drawing - Civil	April 24, 2016	April 24, 2016	April 27, 2016	E
265	SUB-15-00009-GAZII-134-A	GAZII	A	Guard House Electrical Shop Drawing	Shop drawing - Electrical	January 31, 2016	January 31, 2016	February 18, 2016	C
266	SUB-15-00009-GAZII-134-B	GAZII	B	Guard House Electrical Shop Drawing	Shop drawing - Electrical	February 22, 2016	February 22, 2016	March 7, 2016	C
267	SUB-15-00009-GAZII-134-C	GAZII	C	Guard House Electrical Shop Drawing	Shop drawing - Electrical	March 15, 2016	March 15, 2016	March 23, 2016	C
268	SUB-15-00009-GAZII-134-D	GAZII	D	Guard House Electrical Shop Drawing	Shop drawing - Electrical	May 8, 2016	May 8, 2016	May 15, 2016	A
269	SUB-15-00009-GAZII-135-A	GAZII	A	ARV Chamber Shop Drawing (Mechanical)	Shop drawing - Mechanical	January 31, 2016	January 31, 2016	February 7, 2016	Retracted
270	SUB-15-00009-GAZII-135-A	GAZII	A	ARV Chamber Shop Drawing (Mechanical)	Shop drawing - Mechanical	February 11, 2016	February 11, 2016	March 3, 2016	C
271	SUB-15-00009-GAZII-135-B	GAZII	B	ARV Chamber Shop Drawing (Mechanical)	Shop drawing - Mechanical	March 13, 2016	March 13, 2016	March 22, 2016	B
272	SUB-15-00009-GAZII-135-C	GAZII	C	ARV Chamber Shop Drawing (Mechanical)	Shop drawing - Mechanical	April 10, 2016	April 10, 2016	April 17, 2016	A
273	SUB-15-00009-GAZII-136-A	GAZII	A	Concrete Ready-Mix Design Class B30-Size 20mm	Civil Material	February 1, 2016	February 1, 2016	February 9, 2016	C

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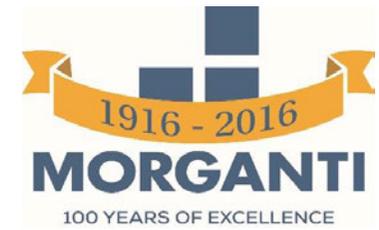
**SUBMITTALS LOG**

No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
274	SUB-15-00009-GAZII-136-B	GAZII	B	Concrete Ready-Mix Design Class B30-Size 20mm	Civil Material	March 10, 2016	March 10, 2016	March 15, 2016	E
275	SUB-15-00009-MAN-137-A	MAN	A	Ma'an Pipeline Shop Drawing	Shop drawing - Mechanical	February 3, 2016	February 3, 2016	February 25, 2016	C
276	SUB-15-00009-MAN-137-B	MAN	B	Ma'an Pipeline Shop Drawing	Shop drawing - Mechanical	May 5, 2016	May 5, 2016	May 22, 2016	C
277	SUB-15-00009-MAN-137-C	MAN	C	Ma'an Pipeline Shop Drawing	Shop drawing - Mechanical	June 19, 2016	June 19, 2016	June 23, 2016	C
278	SUB-15-00009-GAZII-138-A	GAZII	A	Emergency shower (disinfection building)	Mechanical Material	February 3, 2016	February 3, 2016	February 16, 2016	C
279	SUB-15-00009-GAZII-138-B	GAZII	B	Emergency shower (disinfection building)	Mechanical Material	April 24, 2016	April 24, 2016	May 11, 2016	C
280	SUB-15-00009-GAZII-138-C	GAZII	C	Emergency shower (disinfection building)	Mechanical Material	May 15, 2016	May 15, 2016	May 19, 2016	C
281	SUB-15-00009-GAZII-138-D	GAZII	D	Emergency shower (disinfection building)	Mechanical Material	June 7, 2016	June 7, 2016	June 16, 2016	B
282	SUB-15-00009-GAZII-138-E	GAZII	E	Emergency shower (disinfection building)	Mechanical Material	June 23, 2016	June 23, 2016	June 28, 2016	A
283	SUB-15-00009-GAZII-139-A	GAZII	A	Flange Ductile Iron Gasket	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	C
284	SUB-15-00009-GAZII-139-B	GAZII	B	Flange Ductile Iron Gasket	Mechanical Material	February 25, 2016	February 25, 2016	March 2, 2016	A
285	SUB-15-00009-GAZII-140-A	GAZII	A	Air Supply Grilles	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	C
286	SUB-15-00009-GAZII-140-B	GAZII	B	Air Supply Grilles	Mechanical Material	February 23, 2016	February 23, 2016	February 28, 2016	A
287	SUB-15-00009-GAZII-141 A	GAZII	A	Air Exhaust Grilles	Mechanical Material	February 3, 2016	February 3, 2016	February 21, 2016	A
288	SUB-15-00009-GAZII-142-A	GAZII	A	Potable Water Tank	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	D
289	SUB-15-00009-GAZII-143-A	GAZII	A	PVC Sheet	Civil Material	February 3, 2016	February 3, 2016	February 23, 2016	A

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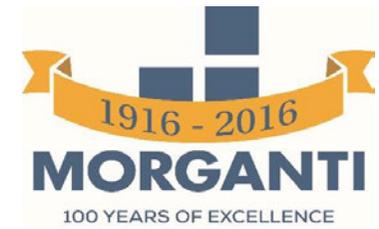
**SUBMITTALS LOG**

No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
290	SUB-15-00009-GAZII-144-A	GAZII	A	Steel Fittings - FIP Products	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	C
291	SUB-15-00009-GAZII-144-B	GAZII	B	Steel Fittings - FIP Products	Mechanical Material	February 24, 2016	February 24, 2016	March 1, 2016	B
292	SUB-15-00009-GAZII-144-C	GAZII	C	Steel Fittings - FIP Products	Mechanical Material	March 27, 2016	March 27, 2016	March 31, 2016	A
293	SUB-15-00009-GAZII-145-A	GAZII	A	Steel Flanges	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	D
294	SUB-15-00009-GAZII-145-B	GAZII	B	Steel Flanges	Mechanical Material	February 23, 2016	February 23, 2016	February 28, 2016	A
295	SUB-15-00009-GAZII-146-A	GAZII	A	Formwork Material (Retaining Walls and Chambers)	Civil Material & Sample	February 3, 2016	February 3, 2016	February 16, 2016	A
296	SUB-15-00009-GAZII-147-A	GAZII	A	Reservoir Drain Pipe & Fitting- Alternative	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	A
297	SUB-15-00009-GAZII-148-A	GAZII	A	PVC Water Stop 150 mm	Civil Material	February 4, 2016	February 4, 2016	February 8, 2016	A
298	SUB-15-00009-GAZII-149-A	GAZII	A	Manhole Covers "750 mm"	Civil Material	February 7, 2016	February 7, 2016	February 25, 2016	C
299	SUB-15-00009-GAZII-149-B	GAZII	B	Manhole Covers "750 mm"	Civil Material	March 20, 2016	March 20, 2016	March 22, 2016	C
300	SUB-15-00009-GAZII-149-C	GAZII	C	Manhole Covers "750 mm"	Civil Material	April 4, 2016	April 4, 2016	April 28, 2016	B
301	SUB-15-00009-GAZII-150-A	GAZII	A	Manhole Steps	Civil Material	February 7, 2016	February 7, 2016	February 28, 2016	C
302	SUB-15-00009-GAZII-151-A	GAZII	A	Method Statement for External Isolation Material (Nitoproof 30)	Method Statement	February 7, 2016	February 7, 2016	March 3, 2016	A
303	SUB-15-00009-GAZII-152-A	GAZII	A	Method Statement for PVC Water stops Centefix 25cm & 15cm Wide)	Method Statement	February 7, 2016	February 7, 2016	March 1, 2016	A
304	SUB-15-00009-GAZII-153-A	GAZII	A	Method Statement for Swellable Water Stop-SW10	Method Statement	February 7, 2016	February 7, 2016	March 1, 2016	A
305	SUB-15-00009-GAZII-154-A	GAZII	A	Method Statement for Cementation Repair Mortar (Renderoc FC)	Method Statement	February 7, 2016	February 7, 2016	March 1, 2016	A

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306	SUB-15-00009-GAZII-155-A	GAZII	A	Method Statement for Internal Epoxy Coating	Method Statement	February 7, 2016	February 7, 2016	February 16, 2016	C
307	SUB-15-00009-GAZII-155-B	GAZII	B	Method Statement for Internal Epoxy Coating	Method Statement	March 15, 2016	March 15, 2016	March 17, 2016	C
308	SUB-15-00009-GAZII-155-C	GAZII	C	Method Statement for Internal Epoxy Coating	Method Statement	March 20, 2016	March 20, 2016	March 21, 2016	A
309	SUB-15-00009-GAZII-156-A	GAZII	A	Method Statement for Non-Shrink Cementitious Grout for Tie Rods (Conbextra HF)	Method Statement	February 7, 2016	February 7, 2016	February 14, 2016	A
310	SUB-15-00009-GAZII-157-A	GAZII	A	Method Statement for Rapid Setting Cement- Based Water Stopping Mortar (Rendroc Plug)	Method Statement	February 7, 2016	February 7, 2016	March 3, 2016	C
311	SUB-15-00009-GAZII-157-B	GAZII	B	Method Statement for Rapid Setting Cement- Based Water Stopping Mortar (Rendroc Plug)	Method Statement	March 20, 2016	March 20, 2016	March 21, 2016	A
312	SUB-15-00009-GAZII-158-A	GAZII	A	Method Statement for External Coating (Dekguard FC+Nitocote SN522)	Method Statement	February 7, 2016	February 7, 2016	March 3, 2016	E
313	SUB-15-00009-GAZII-159-A	GAZII	A	Method Statement for Flexible Protective Coating to Prevent Corrosion of Concrete Surfaces (Nitocote EPU)	Method Statement	February 7, 2016	February 7, 2016	March 3, 2016	B
314	SUB-15-00009-GAZII-159-B	GAZII	B	Method Statement for Flexible Protective Coating to Prevent Corrosion of Concrete Surfaces (Nitocote EPU)	Method Statement	March 15, 2016	March 15, 2016	March 21, 2016	A
315	SUB-15-00009-GAZII-160-A	GAZII	A	Concrete Repair Method Statement (Renderoc FC, Nitobond SBR 201, Renderoc HS Xtra, Nitobond AR and Conbextra HF)	Method Statement	February 7, 2016	February 7, 2016	March 3, 2016	A
316	SUB-15-00009-GAZII-161-A	GAZII	A	Method Statement for Crack Injection (Wet or Damp Conditions)	Method Statement	February 7, 2016	February 7, 2016	March 3, 2016	A
317	SUB-15-00009-GAZII-162-A	GAZII	A	LDPE Tube for Disinfection Building	Mechanical Material	February 9, 2016	February 9, 2016	February 28, 2016	D
318	SUB-15-00009-GAZII-162-B	GAZII	B	LDPE Tube for Disinfection Building	Mechanical Material	April 7, 2016	April 7, 2016	April 13, 2016	D

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319	SUB-15-00009-GAZII-162-C	GAZII	C	LDPE Tube for Disinfection Building	Mechanical Material	June 7, 2016	June 7, 2016	June 12, 2016	C
320	SUB-15-00009-GAZII-163-A	GAZII	A	Emergency Shower (Disinfection Building) - Alternative	Mechanical Material	February 9, 2016	February 9, 2016	March 1, 2016	C
321	SUB-15-00009-GAZII-163-B	GAZII	B	Emergency Shower (Disinfection Building) - Alternative	Mechanical Material	June 23, 2016	June 23, 2016	June 28, 2016	E
322	SUB-15-00009-GAZII-164-A	GAZII	A	Chlorine Basket Strainer- (Disinfection Building)	Mechanical Material	February 9, 2016	February 9, 2016	February 23, 2016	C
323	SUB-15-00009-GAZII-164-B	GAZII	B	Chlorine Basket Strainer- (Disinfection Building)	Mechanical Material	February 25, 2016	February 25, 2016	March 1, 2016	A
324	SUB-15-00009-GAZII-165-A	GAZII	A	Chlorine Multifunctional Valve- (Disinfection Building)	Mechanical Material	February 9, 2016	February 9, 2016	February 28, 2016	C
325	SUB-15-00009-GAZII-165-B	GAZII	B	Chlorine Multifunctional Valve- (Disinfection Building)	Mechanical Material	April 28, 2016	April 28, 2016	May 15, 2016	A
326	SUB-15-00009-GAZII-166-A	GAZII	A	Chemical Storage Tank - Alternative	Mechanical Material	February 9, 2016	February 9, 2016	February 10, 2016	Retracted
327	SUB-15-00009-GAZII-166-A	GAZII	A	Chemical Storage Tank - Alternative	Mechanical Material	February 14, 2016	February 14, 2016	February 23, 2016	C
328	SUB-15-00009-GAZII-166-B	GAZII	B	Chemical Storage Tank - Alternative	Mechanical Material	May 3, 2016	May 3, 2016	May 15, 2016	C
329	SUB-15-00009-GAZII-166-C	GAZII	C	Chemical Storage Tank - Alternative	Mechanical Material	May 17, 2016	May 17, 2016	May 25, 2016	C
330	SUB-15-00009-GAZII-167-A	GAZII	A	PAM Air Valves - Alternative	Mechanical Material	February 9, 2016	February 9, 2016	February 28, 2016	D
331	SUB-15-00009-GAZII-167-B	GAZII	B	PAM Air Valves - Alternative	Mechanical Material	March 3, 2016	March 3, 2016	March 8, 2016	E
332	SUB-15-00009-GAZII-168-A	GAZII	A	Galvanized Steel Roof Vent	Mechanical Material	February 9, 2016	February 9, 2016	February 17, 2016	D
333	SUB-15-00009-GAZII-168-B	GAZII	B	Galvanized Steel Roof Vent	Mechanical Material	March 24, 2016	March 24, 2016	April 10, 2016	C

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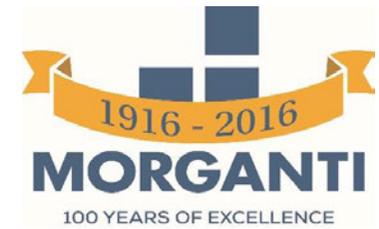
**SUBMITTALS LOG**

No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
334	SUB-15-00009-GAZII-168-C	GAZII	C	Galvanized Steel Roof Vent	Mechanical Material	May 8, 2016	May 8, 2016	May 15, 2016	C
335	SUB-15-00009-GAZII-168-D	GAZII	D	Galvanized Steel Roof Vent	Mechanical Material	June 8, 2016	June 8, 2016	June 9, 2016	A
336	SUB-15-00009-GAZII-169-A	GAZII	A	Disinfection Building Shop Drawing (MECHANICAL)	Shop drawing - Mechanical	February 11, 2016	February 11, 2016	March 7, 2016	C
337	SUB-15-00009-GAZII-169-B	GAZII	B	Disinfection Building Shop Drawing (MECHANICAL)	Shop drawing - Mechanical	March 28, 2016	March 28, 2016	April 10, 2016	C
338	SUB-15-00009-GAZII-169-C	GAZII	C	Disinfection Building Shop Drawing (MECHANICAL)	Shop drawing - Mechanical	May 15, 2016	May 15, 2016	May 26, 2016	C
339	SUB-15-00009-GAZII-169-D	GAZII	D	Disinfection Building Shop Drawing (MECHANICAL)	Shop drawing - Mechanical	June 7, 2016	June 7, 2016	June 12, 2016	A
340	SUB-15-00009-MAN-170-A	MAN	A	Float Control Valve (Maan)	Mechanical Material	February 11, 2016	February 11, 2016	February 17, 2016	C
341	SUB-15-00009-MAN-170-B	MAN	B	Float Control Valve (Maan)	Mechanical Material	February 24, 2016	February 24, 2016	March 21, 2016	C
342	SUB-15-00009-MAN-170-C	MAN	C	Float Control Valve (Maan)	Mechanical Material	June 23, 2016	June 23, 2016		Under Review
343	SUB-15-00009-GAZII-171-A	GAZII	A	BILCO Access Hatches	Civil Material	February 14, 2016	February 14, 2016	March 3, 2016	C
344	SUB-15-00009-GAZII-171-B	GAZII	B	BILCO Access Hatches	Civil Material	April 17, 2016	April 17, 2016	April 18, 2016	A
345	SUB-15-00009-GAZII-172-A	GAZII	A	Restrained Flange Coupling Adapter for UPVC Pipe	Mechanical Material	February 15, 2016	February 15, 2016	February 28, 2016	C
346	SUB-15-00009-GAZII-172-B	GAZII	B	Restrained Flange Coupling Adapter for UPVC Pipe	Mechanical Material	March 9, 2016	March 9, 2016	March 13, 2016	C
347	SUB-15-00009-GAZII-172-C	GAZII	C	Restrained Flange Coupling Adapter for UPVC Pipe	Mechanical Material	March 27, 2016	March 27, 2016	March 31, 2016	A
348	SUB-15-00009-GAZII-173-A	GAZII	A	Warning Tape-Water Pipelines	Civil Material & Sample	February 21, 2016	February 21, 2016	March 3, 2016	C

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No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
349	SUB-15-00009-GAZII-174-A	GAZII	A	Filter Fabric (Geotextile)	Civil Material & Sample	February 21, 2016	February 21, 2016	March 3, 2016	A
350	SUB-15-00009-BER-175-A	BER	A	Al Berkah Excavation Plan- Shop Drawing	Shop drawing - Civil	February 21, 2016	February 21, 2016	March 21, 2016	C
351	SUB-15-00009-BER-175-B	BER	B	Al Berkah Excavation Plan- Shop Drawing	Shop drawing - Civil	May 3, 2016	May 3, 2016	May 22, 2016	B
352	SUB-15-00009-GAZII-176-A	GAZII	A	Ready Mix Concrete B300- CCQC Lab	Civil Material	February 22, 2016	February 22, 2016	March 1, 2016	C
353	SUB-15-00009-GAZII-176-B	GAZII	B	Ready Mix Concrete B300- CCQC Lab	Civil Material	March 10, 2016	March 10, 2016	March 15, 2016	E
354	SUB-15-00009-GAZII-177-A	GAZII	A	Confined Space Safety Plan	Construction	February 22, 2016	February 22, 2016	March 3, 2016	A
355	SUB-15-00009-GAZII-178-A	GAZII	A	Steel Fence & Posts	Civil Material	February 23, 2016	February 23, 2016	March 13, 2016	C
356	SUB-15-00009-GAZII-178-B	GAZII	B	Steel Fence & Posts	Civil Material	March 21, 2016	March 21, 2016	March 23, 2016	A
357	SUB-15-00009-GAZII-179-A	GAZII	A	BOOSTER PUMP CONTROL VALVE	Mechanical Material	February 23, 2016	February 23, 2016	March 21, 2016	D
358	SUB-15-00009-GAZII-179-B	GAZII	B	BOOSTER PUMP CONTROL VALVE	Mechanical Material	May 5, 2016	May 5, 2016	May 19, 2016	D
359	SUB-15-00009-GAZII-180-A	GAZII	A	Pressure Level Transmitters – Alternative	Mechanical Material	February 23, 2016	February 23, 2016	March 7, 2016	B
360	SUB-15-00009-GAZII-180-B	GAZII	B	Pressure Level Transmitters – Alternative	Mechanical Material	March 27, 2016	March 27, 2016	April 5, 2016	A
361	SUB-15-00009-GAZII-181-A	GAZII	A	Excavation & Trenching Safety Plan	Construction	February 24, 2016	February 24, 2016	March 1, 2016	A
362	SUB-15-00009-GAZII-182-A	GAZII	A	Material and Method Statement for Expandable Water Stop Supercast SW30	Method Statement	February 25, 2016	February 25, 2016	February 28, 2016	A
363	SUB-15-00009-GAZII-183-A	GAZII	A	Pressure Switch- Mechanical	Mechanical Material	February 25, 2016	February 25, 2016	March 7, 2016	C

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**SUBMITTALS LOG**

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364	SUB-15-00009-GAZII-183-B	GAZII	B	Pressure Switch- Mechanical	Mechanical Material	March 9, 2016	March 9, 2016	March 21, 2016	C
365	SUB-15-00009-GAZII-184-A	GAZII	A	Pad Transformer- 400KVA	Electrical Material	February 28, 2016	February 28, 2016	March 21, 2016	C
366	SUB-15-00009-GAZII-184-B	GAZII	B	Pad Transformer- 400KVA	Electrical Material	April 6, 2016	April 6, 2016	May 5, 2016	C
367	SUB-15-00009-GAZII-185-A	GAZII	A	VFD Components -Schneider	Electrical Material	February 28, 2016	February 28, 2016	March 15, 2016	C
368	SUB-15-00009-GAZII-185-B	GAZII	B	VFD Components -Schneider	Electrical Material	March 28, 2016	March 28, 2016	April 21, 2016	C
369	SUB-15-00009-GAZII-185-C	GAZII	C	VFD Components -Schneider	Electrical Material	May 3, 2016	May 3, 2016	May 19, 2016	C
370	SUB-15-00009-MAN-186-A	MAN	A	Method Statement (Lowering Existing Pipes -MA'AN Project)	Construction	February 28, 2016	February 28, 2016	March 21, 2016	C
371	SUB-15-00009-MAN-186-B	MAN	B	Method Statement (Lowering Existing Pipes -MA'AN Project)	Construction	March 22, 2016	March 22, 2016	March 24, 2016	A
372	SUB-15-00009-GAZII-187-A	GAZII	A	Pressure Reducing Valve	Mechanical Material	February 29, 2016	February 29, 2016	March 21, 2016	C
373	SUB-15-00009-GAZII-187-B	GAZII	B	Pressure Reducing Valve	Mechanical Material	April 24, 2016	April 24, 2016	May 15, 2016	C
374	SUB-15-00009-GAZII-187-C	GAZII	C	Pressure Reducing Valve	Mechanical Material	May 22, 2016	May 22, 2016	June 7, 2016	C
375	SUB-15-00009-GAZII-187-D	GAZII	D	Pressure Reducing Valve	Mechanical Material	June 19, 2016	June 19, 2016		Under Review
376	SUB-15-00009-MAN-188-A	MAN	A	Maan Excavation Plan Shop Drawing	Shop drawing - Civil	March 1, 2016	March 1, 2016	March 21, 2016	B
377	SUB-15-00009-MAN-188-B	MAN	B	Maan Excavation Plan Shop Drawing	Shop drawing - Civil	May 3, 2016	May 3, 2016	May 22, 2016	A
378	SUB-15-00009-BER-189-A	BER	A	Method Statement (Existing Guard Room Protection- Al Berkah)	Construction	March 1, 2016	March 1, 2016	March 21, 2016	C

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379	SUB-15-00009-BER-189-B	BER	B	Method Statement (Existing Guard Room Protection- Al Berkah)	Construction	April 18, 2016	April 18, 2016	April 21, 2016	E
380	SUB-15-00009-GAZII-190-A	GAZII	A	Side Manway Material Submittal	Mechanical Material	March 1, 2016	March 1, 2016	March 8, 2016	A
381	SUB-15-00009-BER-191-A	BER	A	Al Berkah Coordination study-Electrical	Electrical Material	March 1, 2016	March 1, 2016	March 21, 2016	C
382	SUB-15-00009-MAN-192-A	MAN	A	Maan Coordination study-Electrical	Electrical Material	March 1, 2016	March 1, 2016	March 21, 2016	C
383	SUB-15-00009-MAN-193-A	MAN	A	Ma'an Architectural & Structural Retaining Walls Shop Drawing	Shop drawing - Civil	March 2, 2016	March 2, 2016	March 21, 2016	C
384	SUB-15-00009-MAN-193-B	MAN	B	Ma'an Architectural & Structural Retaining Walls Shop Drawing	Shop drawing - Civil	March 27, 2016	March 27, 2016	April 13, 2016	A
385	SUB-15-00009-MAN-193-C	MAN	C	Ma'an Architectural & Structural Retaining Walls Shop Drawing	Shop drawing - Civil	April 24, 2016	April 24, 2016	April 27, 2016	E
386	SUB-15-00009-GAZII-194-A	GAZII	A	Concrete Repair Material - Alternative (SikaRep & Sikagrout -200)	Civil Material	March 3, 2016	March 3, 2016	March 22, 2016	C
387	SUB-15-00009-GAZII-194-B	GAZII	B	Concrete Repair Material - Alternative (SikaRep & Sikagrout -200)	Civil Material	May 9, 2016	May 9, 2016	May 22, 2016	C
388	SUB-15-00009-GAZII-195-A	GAZII	A	Waterproofing Membrane Sheet (Building Roofs Isolation/PAZKAR	Civil Material	March 3, 2016	March 3, 2016	March 22, 2016	B
389	SUB-15-00009-GAZII-196-A	GAZII	A	Seismic Cans	Civil Material	March 6, 2016	March 6, 2016	March 21, 2016	A
390	SUB-15-00009-GAZII-197-A	GAZII	A	Disinfection Building-Electrical Shop Drawing	Electrical Material	March 9, 2016	March 9, 2016	March 21, 2016	C
391	SUB-15-00009-GAZII-197-B	GAZII	B	Disinfection Building-Electrical Shop Drawing	Shop drawing - Electrical	March 28, 2016	March 28, 2016	April 13, 2016	C
392	SUB-15-00009-GAZII-197-C	GAZII	C	Disinfection Building-Electrical Shop Drawing	Shop drawing - Electrical	April 14, 2016	April 14, 2016	April 21, 2016	B
393	SUB-15-00009-GAZII-197-D	GAZII	D	Disinfection Building-Electrical Shop Drawing	Shop drawing - Electrical	April 24, 2016	April 24, 2016	May 10, 2016	A

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394	SUB-15-00009-GAZII-198-A	GAZII	A	Steel Pipe	Mechanical Material	March 9, 2016	March 9, 2016	March 13, 2016	A
395	SUB-15-00009-GAZII-199-A	GAZII	A	Flange Insulation Kit (SGM)	Mechanical Material	March 9, 2016	March 9, 2016	March 13, 2016	E
396	SUB-15-00009-GAZII-200-A	GAZII	A	Link Seal	Mechanical Material	March 9, 2016	March 9, 2016	March 13, 2016	A
397	SUB-15-00009-GAZII-201-A	GAZII	A	Wash-Out Chamber Shop Drawing - Mechanical	Shop drawing - Mechanical	March 13, 2016	March 13, 2016	March 21, 2016	C
398	SUB-15-00009-GAZII-201-B	GAZII	B	Wash-Out Chamber Shop Drawing - Mechanical	Shop drawing - Mechanical	March 28, 2016	March 28, 2016	April 5, 2016	C
399	SUB-15-00009-GAZII-201-C	GAZII	C	Wash-Out Chamber Shop Drawing - Mechanical	Shop drawing - Mechanical	April 10, 2016	April 10, 2016	April 17, 2016	A
400	SUB-15-00009-GAZII-202-A	GAZII	A	Gate valve chamber shop drawing - Mechanical	Shop drawing - Mechanical	March 13, 2016	March 13, 2016	March 22, 2016	C
401	SUB-15-00009-GAZII-202-B	GAZII	B	Gate valve chamber shop drawing - Mechanical	Shop drawing - Mechanical	March 24, 2016	March 24, 2016	April 4, 2016	C
402	SUB-15-00009-GAZII-202-C	GAZII	C	Gate valve chamber shop drawing - Mechanical	Shop drawing - Mechanical	April 10, 2016	April 10, 2016	April 18, 2016	A
403	SUB-15-00009-GAZII-203-A	GAZII	A	BFV chamber shop drawing - Mechanical	Shop drawing - Mechanical	March 15, 2016	March 15, 2016	March 21, 2016	C
404	SUB-15-00009-GAZII-203-B	GAZII	B	BFV chamber shop drawing - Mechanical	Shop drawing - Mechanical	March 28, 2016	March 28, 2016	April 5, 2016	A
405	SUB-15-00009-GAZII-204-A	GAZII	A	Formwork Materials (Retaining Wall & Chambers) - Samples	Civil Material & Sample	March 16, 2016	March 16, 2016	March 22, 2016	C
406	SUB-15-00009-GAZII-204-B	GAZII	B	Formwork Materials (Retaining Wall & Chambers) - Samples	Civil Material & Sample	March 24, 2016	March 24, 2016	April 3, 2016	A
407	SUB-15-00009-GAZII-205-A	GAZII	A	Sealant for Expansion Joint (Reservoir & Retaining Wall)	Civil Material	March 16, 2016	March 16, 2016	March 21, 2016	B
408	SUB-15-00009-GAZII-205-B	GAZII	B	Sealant for Expansion Joint (Reservoir & Retaining Wall)	Civil Material	March 24, 2016	March 24, 2016	April 4, 2016	A

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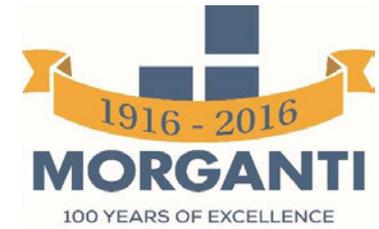


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409	SUB-15-00009-GAZII-206-A	GAZII	A	Electrical & Control Building Shop Drawing (MECHANICAL)	Shop drawing - Mechanical	March 17, 2016	March 17, 2016	March 31, 2016	C
410	SUB-15-00009-GAZII-206-B	GAZII	B	Electrical & Control Building Shop Drawing (MECHANICAL)	Shop drawing - Mechanical	April 20, 2016	April 20, 2016	April 28, 2016	A
411	SUB-15-00009-GAZII-207-A	GAZII	A	Gourd House Mechanical shop drawing	Shop drawing - Mechanical	March 17, 2016	March 17, 2016	April 3, 2016	C
412	SUB-15-00009-GAZII-207-B	GAZII	B	Gourd House Mechanical shop drawing	Shop drawing - Mechanical	April 12, 2016	April 12, 2016	April 19, 2016	C
413	SUB-15-00009-GAZII-207-C	GAZII	C	Gourd House Mechanical shop drawing	Shop drawing - Mechanical	April 28, 2016	April 28, 2016	May 3, 2016	A
414	SUB-15-00009-BER-208-A	BER	A	Al Berkah Electrical & Control Room – electrical shop drawing	Shop drawing - Electrical	March 20, 2016	March 20, 2016	March 30, 2016	C
415	SUB-15-00009-BER-208-B	BER	B	Al Berkah Electrical & Control Room – electrical shop drawing	Shop drawing - Electrical	May 8, 2016	May 8, 2016	May 16, 2016	C
416	SUB-15-00009-BER-208-C	BER	C	Al Berkah Electrical & Control Room – electrical shop drawing	Shop drawing - Electrical	May 22, 2016	May 22, 2016	May 30, 2016	B
417	SUB-15-00009-BER-208-D	BER	D	Al Berkah Electrical & Control Room – electrical shop drawing	Shop drawing - Electrical	June 7, 2016	June 7, 2016	June 12, 2016	A
418	SUB-15-00009-MAN-209-A	MAN	A	Ma'an electrical & Control Room – electrical shop drawing	Shop drawing - Electrical	March 20, 2016	March 20, 2016	March 31, 2016	C
419	SUB-15-00009-MAN-209-B	MAN	B	Ma'an electrical & Control Room – electrical shop drawing	Shop drawing - Electrical	May 8, 2016	May 8, 2016	May 16, 2016	C
420	SUB-15-00009-MAN-209-C	MAN	C	Ma'an electrical & Control Room – electrical shop drawing	Shop drawing - Electrical	May 22, 2016	May 22, 2016	May 30, 2016	B
421	SUB-15-00009-MAN-209-D	MAN	D	Ma'an electrical & Control Room – electrical shop drawing	Shop drawing - Electrical	June 7, 2016	June 7, 2016	June 12, 2016	A
422	SUB-15-00009-BER-210-A	BER	A	Al Berkah vertical booster pump & motors - Alternative	Mechanical Material	March 20, 2016	March 20, 2016	April 13, 2016	C

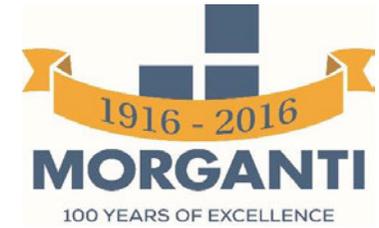
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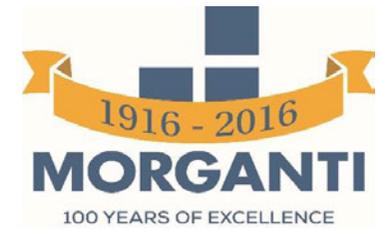
No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
423	SUB-15-00009-BER-210-B	BER	B	Al Berkah vertical booster pump & motors - Alternative	Mechanical Material	April 28, 2016	April 28, 2016	May 16, 2016	C
424	SUB-15-00009-BER-210-C	BER	C	Al Berkah vertical booster pump & motors - Alternative	Mechanical Material	June 23, 2016	June 23, 2016		Under Review
425	SUB-15-00009-MAN-211-A	MAN	A	Ma'an vertical booster pump & motors - Alternative	Mechanical Material	March 20, 2016	March 20, 2016	April 13, 2016	C
426	SUB-15-00009-MAN-211-B	MAN	B	Ma'an vertical booster pump & motors - Alternative	Mechanical Material	April 28, 2016	April 28, 2016	May 16, 2016	C
427	SUB-15-00009-MAN-211-C	MAN	C	Ma'an vertical booster pump & motors - Alternative	Mechanical Material	June 23, 2016	June 23, 2016		Under Review
428	SUB-15-00009-GAZII-212-A	GAZII	A	Cast iron drainage system	Mechanical Material	March 24, 2016	March 24, 2016	March 31, 2016	A
429	SUB-15-00009-GAZII-213-A	GAZII	A	VFD for Booster Pump - Electrical shop drawing	Shop drawing - Electrical	March 28, 2016	March 28, 2016	April 13, 2016	C
430	SUB-15-00009-GAZII-213-B	GAZII	B	VFD for Booster Pump - Electrical shop drawing	Shop drawing - Electrical	April 14, 2016	April 14, 2016	April 24, 2016	B
431	SUB-15-00009-GAZII-213-C	GAZII	C	VFD for Booster Pump - Electrical shop drawing	Shop drawing - Electrical	April 25, 2016	April 25, 2016	May 11, 2016	A
432	SUB-15-00009-GAZII-214-A	GAZII	A	PLC System - Electrical	Electrical Material	March 29, 2016	March 29, 2016	April 21, 2016	C
433	SUB-15-00009-GAZII-214-B	GAZII	B	PLC System - Electrical	Electrical Material	April 28, 2016	April 28, 2016	May 15, 2016	C
434	SUB-15-00009-GAZII-214-C	GAZII	C	PLC System - Electrical	Electrical Material	May 24, 2016	May 24, 2016	June 7, 2016	B
435	SUB-15-00009-GAZII-215-A	GAZII	A	Reservoir panel (LALL-211, LCP)	Electrical Material	March 30, 2016	March 30, 2016	April 13, 2016	A
436	SUB-15-00009-GAZII-216-A	GAZII	A	Reservoirs Panel (LCP)- ELECTRICAL SHOPDRAWING	Shop drawing - Electrical	March 30, 2016	March 30, 2016	April 13, 2016	C
437	SUB-15-00009-GAZII-216-B	GAZII	B	Reservoirs Panel (LCP)- ELECTRICAL SHOPDRAWING	Shop drawing - Electrical	April 14, 2016	April 14, 2016	April 19, 2016	B



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438	SUB-15-00009-GAZII-216-C	GAZII	C	Reservoirs Panel (LCP)- ELECTRICAL SHOPDRAWING	Shop drawing - Electrical	June 12, 2016	June 12, 2016	June 14, 2016	A
439	SUB-15-00009-GAZII-217-A	GAZII	A	Premium Accuracy Pressure Transmitter	Mechanical & Electrical Material	March 31, 2016	March 31, 2016	April 21, 2016	C
440	SUB-15-00009-GAZII-217-B	GAZII	B	Premium Accuracy Pressure Transmitter	Mechanical & Electrical Material	May 29, 2016	May 29, 2016	June 7, 2016	C
441	SUB-15-00009-GAZII-218-A	GAZII	A	Electromagnetic Flow Meter – Alternative	Mechanical & Electrical Material	March 31, 2016	March 31, 2016	April 19, 2016	D
442	SUB-15-00009-GAZII-218-B	GAZII	B	Electromagnetic Flow Meter – Alternative	Mechanical & Electrical Material	May 24, 2016	May 24, 2016	June 2, 2016	D
443	SUB-15-00009-GAZII-218-C	GAZII	C	Electromagnetic Flow Meter – Alternative	Mechanical & Electrical Material	June 29, 2016	June 29, 2016		Under Review
444	SUB-15-00009-GAZII-219-A	GAZII	A	UPS System -Components	Electrical Material	April 3, 2016	April 3, 2016	April 21, 2016	C
445	SUB-15-00009-GAZII-219-B	GAZII	B	UPS System -Components	Electrical Material	May 10, 2016	May 10, 2016	May 16, 2016	C
446	SUB-15-00009-GAZII-220-A	GAZII	A	PVC Pipe (20") –Alternative	Mechanical Material	April 3, 2016	April 3, 2016	April 7, 2016	A
447	SUB-15-00009-GAZII-221-A	GAZII	A	Retaining Wall Formwork Design	Construction	April 3, 2016	April 3, 2016	April 7, 2016	E
448	SUB-15-00009-BER-222-A	BER	A	Al Berkah Survey Grid after Site Cleaning and Grubbing - Shop Drawing	Shop drawing - Civil	April 4, 2016	April 4, 2016	April 17, 2016	A
449	SUB-15-00009-GAZII-223-A	GAZII	A	Submittals Log Up to Date April 6, 2016	Construction	April 6, 2016	April 6, 2016	April 20, 2016	Retracted
450	SUB-15-00009-GAZII-223-A	GAZII	A	Updated Safety Plan Up to April 2016	Updated Safety Plan	May 8, 2016	May 8, 2016	May 26, 2016	A
451	SUB-15-00009-GAZII-224-A	GAZII	A	Dosing Pump	Mechanical Material	April 6, 2016	April 6, 2016	April 19, 2016	C
452	SUB-15-00009-GAZII-224-B	GAZII	B	Dosing Pump	Mechanical Material	April 24, 2016	April 24, 2016	April 28, 2016	A

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453	SUB-15-00009-BER-225-A	BER	A	Al Berkah Retaining Wall – Modified Shop Drawing	Shop drawing - Civil	April 10, 2016	April 10, 2016	April 17, 2016	A
454	SUB-15-00009-BER-225-B	BER	B	Al Berkah Retaining Wall – Modified Shop Drawing	Shop drawing - Civil	April 24, 2016	April 24, 2016	April 27, 2016	E
455	SUB-15-00009-GAZII-226-A	GAZII	A	Bolts, Washers and Nuts for Chambers	Mechanical Material	April 12, 2016	April 12, 2016	April 19, 2016	C
456	SUB-15-00009-GAZII-226-B	GAZII	B	Bolts, Washers and Nuts for Chambers	Mechanical Material	April 24, 2016	April 24, 2016	May 10, 2016	C
457	SUB-15-00009-GAZII-226-C	GAZII	C	Bolts, Washers and Nuts for Chambers	Mechanical Material	May 29, 2016	May 29, 2016	May 30, 2016	A
458	SUB-15-00009-GAZII-227-A	GAZII	A	Reservoir Scaffolding Calculation Sheet	Construction	April 12, 2016	April 12, 2016	April 21, 2016	C
459	SUB-15-00009-GAZII-227-B	GAZII	B	Reservoir Scaffolding Calculation Sheet	Construction	May 15, 2016	May 15, 2016	May 24, 2016	B
460	SUB-15-00009-GAZII-227-C	GAZII	C	Reservoir Scaffolding Calculation Sheet	Construction	June 7, 2016	June 7, 2016	June 9, 2016	E
461	SUB-15-00009-BER-228-A	BER	A	Al Berkah Retaining Wall & Fence Grounding System-Electrical Shop Drawing	Shop drawing - Electrical	April 13, 2016	April 13, 2016	April 17, 2016	A
462	SUB-15-00009-BER-228-B	BER	B	Al Berkah Retaining Wall & Fence Grounding System-Electrical Shop Drawing	Shop drawing - Electrical	April 24, 2016	April 24, 2016	April 27, 2016	E
463	SUB-15-00009-GAZII-229-A	GAZII	A	VFD SIEMENS -Alternative	Electrical Material	April 20, 2016	April 20, 2016	May 15, 2016	C
464	SUB-15-00009-GAZII-229-B	GAZII	B	VFD SIEMENS -Alternative	Electrical Material	May 24, 2016	May 24, 2016	June 7, 2016	Retracted
465	SUB-15-00009-GAZII-229-B	GAZII	B	VFD SIEMENS -Alternative	Electrical Material	June 14, 2016	June 14, 2016		Under Review
466	SUB-15-00009-BER-230-A	BER	A	Al Berkah Guard House Shop Drawing / Structural & Architectural	Shop drawing - Civil	April 21, 2016	April 21, 2016	May 16, 2016	C
467	SUB-15-00009-BER-230-B	BER	B	Al Berkah Guard House Shop Drawing / Structural & Architectural	Shop drawing - Civil	May 22, 2016	May 22, 2016	June 7, 2016	C

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468	SUB-15-00009-BER-230-C	BER	C	Al Berkah Guard House Shop Drawing / Structural & Architectural	Shop drawing - Civil	June 9, 2016	June 9, 2016	June 15, 2016	A
469	SUB-15-00009-MAN-231-A	MAN	A	Ma'an Guard House Shop Drawing / Structural & Architectural	Shop drawing - Civil	April 24, 2016	April 24, 2016	May 19, 2016	E
470	SUB-15-00009-BER-232-A	BER	A	AL Berkah Fence in conjunction with retaining wall shop drawing	Shop drawing - Civil	April 24, 2016	April 24, 2016	May 11, 2016	B
471	SUB-15-00009-BER-232-B	BER	B	AL Berkah Fence in conjunction with retaining wall shop drawing	Shop drawing - Civil	May 11, 2016	May 11, 2016	May 16, 2016	A
472	SUB-15-00009-GAZII-233-A	GAZII	A	Ready Mix Concrete Batching Plant ( Al Tahrer Company for ready mix concrete )	Construction	April 25, 2016	April 25, 2016	May 10, 2016	E
473	SUB-15-00009-GAZII-234-A	GAZII	A	Break Tank Wall to Roof Joint Details – With Sample	Civil Material & Sample	April 25, 2016	April 25, 2016	May 16, 2016	C
474	SUB-15-00009-GAZII-235-A	GAZII	A	Warning tape water pipeline	Civil Material & Sample	April 27, 2016	April 27, 2016	May 17, 2016	C
475	SUB-15-00009-BER-236-A	BER	A	Al Berkah pipeline Shop Drawing	Shop drawing - Civil	April 27, 2016	April 27, 2016	May 22, 2016	C
476	SUB-15-00009-GAZII-237-A	GAZII	A	Strainer - Alternative	Mechanical Material	April 28, 2016	April 28, 2016	May 15, 2016	B
477	SUB-15-00009-GAZII-238-A	GAZII	A	Domed Centrifugal FRP Fans (Disinfection Building)	Mechanical Material	May 3, 2016	May 3, 2016	May 15, 2016	A
478	SUB-15-00009-GAZII-239-A	GAZII	A	Wall Mounted Exhaust Fan (Guard House)	Mechanical Material	May 3, 2016	May 3, 2016	May 10, 2016	A
479	SUB-15-00009-GAZII-240-A	GAZII	A	HVCP panel- (Disinfection)	Electrical Material	May 3, 2016	May 3, 2016	May 16, 2016	B
480	SUB-15-00009-GAZII-240-B	GAZII	B	HVCP panel- (Disinfection)	Electrical Material	May 17, 2016	May 17, 2016	May 19, 2016	A
481	SUB-15-00009-GAZII-241-A	GAZII	A	lightning protection system components	Electrical Material	May 3, 2016	May 3, 2016	May 16, 2016	C
482	SUB-15-00009-GAZII-241-B	GAZII	B	lightning protection system components	Electrical Material	May 17, 2016	May 17, 2016	May 19, 2016	A

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SUBMITTALS LOG

No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
483	SUB-15-00009-GAZII-242-A	GAZII	A	HVCP Panel Shop drawing	Shop drawing - Electrical	May 3, 2016	May 3, 2016	May 16, 2016	B
484	SUB-15-00009-GAZII-242-B	GAZII	B	HVCP Panel Shop drawing	Shop drawing - Electrical	May 17, 2016	May 17, 2016	May 18, 2016	A
485	SUB-15-00009-GAZII-243-A	GAZII	A	External Isolation Material (Bitumen 60-70)	Civil Material	May 5, 2016	May 5, 2016	May 15, 2016	A
486	SUB-15-00009-GAZII-244-A	GAZII	A	lightning protection system shop drawing	Shop drawing - Electrical	May 5, 2016	May 5, 2016	May 15, 2016	C
487	SUB-15-00009-GAZII-244-B	GAZII	B	lightning protection system shop drawing	Shop drawing - Electrical	May 19, 2016	May 19, 2016	May 30, 2016	B
488	SUB-15-00009-GAZII-244-C	GAZII	C	lightning protection system shop drawing	Shop drawing - Electrical	June 16, 2016	June 16, 2016	June 19, 2016	A
489	SUB-15-00009-GAZII-245-A	GAZII	A	Submittal Schedule Monthly Update of April, 2016	Updated Submittal Schedules	May 5, 2016	May 5, 2016	May 22, 2016	B
490	SUB-15-00009-GAZII-246-A	GAZII	A	Pressure Sustaining Control valve	Mechanical Material	May 5, 2016	May 5, 2016	May 19, 2016	C
491	SUB-15-00009-GAZII-247-A	GAZII	A	Updated Construction Risk Management Program (CRMP) up to April 2016	Updated CRMP	May 8, 2016	May 8, 2016	May 19, 2016	B
492	SUB-15-00009-GAZII-248-A	GAZII	A	Internal Coating Material Sika Top Seal 107	Civil Material	May 9, 2016	May 9, 2016	May 19, 2016	E
493	SUB-15-00009-GAZII-249-A	GAZII	A	Updated Environmental Monitoring & Mitigation Plan (April, 2016)	Updated EMMP	May 10, 2016	May 10, 2016	May 18, 2016	A
494	SUB-15-00009-GAZII-250-A	GAZII	A	Method Statement for Casting Concrete for Reservoirs Foundation in One Stage	Construction	May 10, 2016	May 10, 2016	May 19, 2016	E
495	SUB-15-00009-GAZII-251A	GAZII	A	Filter Fabric (Geotextile) – with sample	Civil Material & Sample	May 10, 2016	May 10, 2016	May 22, 2016	C
496	SUB-15-00009-GAZII-252-A	GAZII	A	UPS PANEL Electrical Shop Drawing	Shop drawing - Electrical	May 10, 2016	May 10, 2016	May 19, 2016	C
497	SUB-15-00009-BER-253-A	BER	A	Al Berkah Disinfection Building Structural & Architectural Shop Drawing	Shop drawing - Civil	May 10, 2016	May 10, 2016	May 30, 2016	C

**USAID WEST BANK/GAZA**  
**INFRASTRUCTURE NEEDS PROGRAM INPII**  
**Construction Of Gaza Reservoirs and Pumping Facilities**  
**Contract No. : AID-294-I-00-12-00002**  
**Task Order No. : AID-294-TO-15-00009**



**SUBMITTALS LOG**

No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
498	SUB-15-00009-BER-253-B	BER	B	Al Berkah Disinfection Building Structural & Architectural Shop Drawing	Shop drawing - Civil	June 7, 2016	June 7, 2016	June 14, 2016	A
499	SUB-15-00009-MAN-254-A	MAN	A	Ma'an Disinfection Building Shop Drawing - Structural & Architectural	Shop drawing - Civil	May 10, 2016	May 10, 2016	May 30, 2016	C
500	SUB-15-00009-MAN-254-B	MAN	B	Ma'an Disinfection Building Shop Drawing - Structural & Architectural	Shop drawing - Civil	June 7, 2016	June 7, 2016	June 14, 2016	A
501	SUB-15-00009-GAZII-255-A	GAZII	A	Ball Valves DN50 & Smaller- Alternative	Shop drawing - Civil	May 15, 2016	May 15, 2016	May 19, 2016	C
502	SUB-15-00009-GAZII-255-B	GAZII	B	Ball Valves DN50 & Smaller- Alternative	Shop drawing - Civil	June 7, 2016	June 7, 2016	June 8, 2016	A
503	SUB-15-00009-GAZII-256-A	GAZII	A	Float Level Switch- Alternative	Shop drawing - Civil	May 15, 2016	May 15, 2016	May 18, 2016	A
504	SUB-15-00009-GAZII-257-A	GAZII	A	Float Level Switch -Disinfection Building	Shop drawing - Civil	May 15, 2016	May 15, 2016	May 19, 2016	D
505	SUB-15-00009-GAZII-258-A	GAZII	A	Flow Switch – Alternative	Shop drawing - Civil	May 15, 2016	May 15, 2016	May 18, 2016	A
506	SUB-15-00009-GAZII-259-A	GAZII	A	Reservoir Roof Slab & Columns Formwork	Construction	May 19, 2016	May 19, 2016	May 24, 2016	B
507	SUB-15-00009-GAZII-259-B	GAZII	B	Reservoir Roof Slab & Columns Formwork	Construction	June 7, 2016	June 7, 2016	June 8, 2016	E
508	SUB-15-00009-GAZII-260-A	GAZII	A	RIO Panel (disinfection)	Electrical Material	May 22, 2016	May 22, 2016	May 30, 2016	C
509	SUB-15-00009-GAZII-261-A	GAZII	A	RIO Panel -electrical shop drawing	Shop drawing - Electrical	May 22, 2016	May 22, 2016	May 30, 2016	C
510	SUB-15-00009-BER-262-A	BER	A	Al Berkah Reservoir's thimbles Shop Drawings (Mechanical)	Shop drawing - Mechanical	May 24, 2016	May 24, 2016	June 5, 2016	C
511	SUB-15-00009-BER-262-B	BER	B	Al Berkah Reservoir's thimbles Shop Drawings (Mechanical)	Shop drawing - Mechanical	June 7, 2016	June 7, 2016	June 8, 2016	A
512	SUB-15-00009-GAZII-263-A	GAZII	A	Concrete Ready-Mix Design for D1 (21MPa)	Civil Material	May 29, 2016	May 29, 2016	June 6, 2016	C

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**USAID WEST BANK/GAZA**  
**INFRASTRUCTURE NEEDS PROGRAM INPII**  
**Construction Of Gaza Reservoirs and Pumping Facilities**  
**Contract No. : AID-294-I-00-12-00002**  
**Task Order No. : AID-294-TO-15-00009**



**SUBMITTALS LOG**

No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
513	SUB-15-00009-GAZII-263-B	GAZII	B	Concrete Ready-Mix Design for D1 (21MPa)	Civil Material	June 23, 2016	June 23, 2016		Under Review
514	SUB-15-00009-GAZII-264-A	GAZII	A	Sealant for Expansion Joint for Reservoir & Retaining Wall- Alternative	Civil Material	May 29, 2016	May 29, 2016	June 2, 2016	C
515	SUB-15-00009-BER-265-A	BER	A	Al Berkah Electrical & Control Building Structural & Architectural Shop Drawing	Shop drawing - Civil	May 29, 2016	May 29, 2016	June 15, 2016	C
516	SUB-15-00009-BER-265-B	BER	B	Al Berkah Electrical & Control Building Structural & Architectural Shop Drawing	Shop drawing - Civil	June 16, 2016	June 16, 2016	June 23, 2016	A
517	SUB-15-00009-MAN-266-A	MAN	A	Ma'an Electrical & Control Building Structural & Architectural Shop Drawing	Shop drawing - Civil	May 29, 2016	May 29, 2016	June 15, 2016	C
518	SUB-15-00009-MAN-266-B	MAN	B	Ma'an Electrical & Control Building Structural & Architectural Shop Drawing	Shop drawing - Civil	June 16, 2016	June 16, 2016	June 23, 2016	A
519	SUB-15-00009-GAZII-267-A	GAZII	A	Ultrasonic Level Transmitters	Mechanical Material	June 7, 2016	June 7, 2016	June 8, 2016	D
520	SUB-15-00009-GAZII-267-B	GAZII	B	Ultrasonic Level Transmitters	Mechanical Material	June 29, 2016	June 29, 2016		Under Review
521	SUB-15-00009-GAZII-268-A	GAZII	A	Expansion Joint – Stenflex	Mechanical Material	June 7, 2016	June 7, 2016	June 8, 2016	C
522	SUB-15-00009-GAZII-268-B	GAZII	B	Expansion Joint – Stenflex	Mechanical Material	June 12, 2016	June 12, 2016	June 15, 2016	A
523	SUB-15-00009-MAN-269-A	MAN	A	Maan Reservoir's thimbles Shop Drawings (Mechanical)	Shop drawing - Mechanical	June 7, 2016	June 7, 2016	June 16, 2016	B
524	SUB-15-00009-MAN-269-B	MAN	B	Maan Reservoir's thimbles Shop Drawings (Mechanical)	Shop drawing - Mechanical	June 23, 2016	June 23, 2016	June 29, 2016	A
525	SUB-15-00009-GAZII-270-A	GAZII	A	Updated CPM Schedule Submittal May 31, 2016	Updated CPM Submittal	June 8, 2016	June 8, 2016	June 19, 2016	B
526	SUB-15-00009-GAZII-271-A	GAZII	A	Submittal Schedule Monthly Update of May, 2016	Updated Submittal Schedual	June 8, 2016	June 8, 2016	June 14, 2016	B
527	SUB-15-00009-GAZII-272-A	GAZII	A	Updated Construction Risk Management Program (CRMP) up to May 2016	Updated CRMP	June 16, 2016	June 16, 2016	June 19, 2016	C

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528	SUB-15-00009-GAZII-272-B	GAZII	B	Updated Construction Risk Management Program (CRMP) up to May 2016	Updated CRMP	June 23, 2016	June 23, 2016	June 30, 2016	A
529	SUB-15-00009-GAZII-273-A	GAZII	A	Epoxy Bonding Agent	Civil Material	June 19, 2016	June 19, 2016	June 21, 2016	Retracted
530	SUB-15-00009-GAZII-273-A	GAZII	A	Updated Environmental Monitoring & Mitigation Plan (May, 2016)	Updated EMMP	June 23, 2016	June 23, 2016		Under Review
531	SUB-15-00009-GAZII-274-A	GAZII	A	Operation And Maintenance Manuals for Equipment and System (Table of Content)	O&M	June 23, 2016	June 23, 2016		Under Review
532	SUB-15-00009-GAZII-275-A	GAZII	A	Precast Manhole 1.50x1.50 m - Shop Drawing	Shop drawing - Civil	June 26, 2016	June 26, 2016		Under Review
533	SUB-15-00009-BER-276-A	BER	A	Al Berkha Site Layout – Electrical Shop Drawing	Shop drawing - Electrical	June 26, 2016	June 26, 2016		Under Review
534	SUB-15-00009-GAZII-277-A	GAZII	A	PP-R Pipe for Disinfection Building	Mechanical Material	June 26, 2016	June 26, 2016		Under Review
535	SUB-15-00009-MAN-278-A	MAN	A	Night Working- Maan	Construction	June 26, 2016	June 26, 2016	June 30, 2016	A
536	SUB-15-00009-BER-279-A	BER	A	Coordination Plane for Al-Berkah Site	Coordination Shopdrawing	June 27, 2016	June 27, 2016	June 30, 2016	A
537	SUB-15-00009-GAZII-280-A	GAZII	A	Method Statement for Internal Epoxy Coating for Steel Pipes Inside Chambers	Civil Material	June 27, 2016	June 27, 2016		Under Review
538	SUB-15-00009-GAZII-281-A	GAZII	A	Method Statement for Repairing Pipes Cement Mortar	Civil Material	June 27, 2016	June 27, 2016		Under Review
539	SUB-15-00009-GAZII-282-A	GAZII	A	Harness Mechanical Coupling for Pump Discharge	Mechanical Material	June 27, 2016	June 27, 2016		Under Review
540	SUB-15-00009-GAZII-283-A	GAZII	A	Heat Shrinkable Sleeves & Tapes for Pipes	Mechanical Material	June 27, 2016	June 27, 2016		Under Review
541	SUB-15-00009-GAZII-284-A	GAZII	A	Reservoir Spools Formwork Shop Drawing & Calculation Sheets	Shop drawing - Mechanical	June 29, 2016	June 29, 2016		Under Review

New Submitted 0  
New Response

# **Annex H – QC Submittals Log**



QC SUBMITTALS LOG

No.	QC Submittal Number	REV.	QC Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status	Test Result	Remedial Action (If Failed)
1	TEST-15-00009-BER-001-A	A	Base Coarse Test Report Enbi Ha Negev Ha Ma'arb Ltd. Company – Trial 1	Material test	February 25, 2016	February 25, 2016	March 7, 2016	C	Failed	Remove from Site
2	TEST-15-00009-BER-002-A	A	Steel Rebar's Test Reports (Φ16 & Φ20)	Material test	February 28, 2016	February 28, 2016	March 7, 2016	A	Passed	-
3	TEST-15-00009-MAN-003-A	A	Steel Rebar's Test Reports (Φ16 & Φ20)	Material test	February 28, 2016	February 28, 2016	March 7, 2016	A	Passed	-
4	TEST-15-00009-GAZII-004-A	A	Concrete Ready-Mix Design 28-Days Concrete Compressive Strength Test Reports	Material test	March 10, 2016	March 10, 2016	March 16, 2016	C	Failed	Waiting Lab Recommendation
5	TEST-15-00009-GAZII-004-B	B	Concrete Ready-Mix Design 28-Days Concrete Compressive Strength Test Reports	Material test	March 20, 2016	March 20, 2016	March 22, 2016	A	Passed	-
6	TEST-15-00009-MAN-005-A	A	Base Coarse Test Report Enbi Ha Negev Ha Ma'arb Ltd. Company – Trial 1	Material test	March 15, 2016	March 15, 2016	March 22, 2016	C	Failed	Waiting Lab Recommendation
7	TEST-15-00009-MAN-005-B	B	Base Coarse Test Report Enbi Ha Negev Ha Ma'arb Ltd. Company – Trial 1	Material test	March 29, 2016	March 29, 2016	April 18, 2016	A	Passed	
8	TEST-15-00009-BER-006-A	A	Base Coarse Test Report Enbi Ha Negev Ha Ma'arb Ltd. Company – Trial 2	Material test	March 17, 2016	March 17, 2016	March 21, 2016	C	Failed	Retest
9	TEST-15-00009-BER-006-B	B	Base Coarse Test Report Enbi Ha Negev Ha Ma'arb Ltd. Company – Trial 2	Material test	March 29, 2016	March 29, 2016	April 18, 2016	A	Passed	
10	TEST-15-00009-MAN-007-A	A	Soil classification report under reservoir formation	Soil Classification	March 30, 2016	March 30, 2016	April 4, 2016	C	Failed	Modification Report
11	TEST-15-00009-MAN-007-B	B	Soil classification report under reservoir formation	Soil Classification	April 4, 2016	April 4, 2016	April 26, 2016	A	Passed	
12	TEST-15-00009-BER-008-A	A	Compaction Test- Subgrade under RW (8-9)	Compaction Test	April 3, 2016	April 3, 2016	April 21, 2016	A	Passed	
13	TEST-15-00009-BER-009-A	A	Backfilling Material	Material test	April 3, 2016	April 3, 2016	April 26, 2016	A	Passed	
14	TEST-15-00009-MAN-010-A	A	Lab Recommendation for Existing Percolation Pit – Ma'an	Test	April 3, 2016	April 3, 2016		Retracted		
15	TEST-15-00009-GAZII-010-A	A	Trial Mix 14MPa-Cylinder (Al Tawwn Batch Plant)	Trial Mix	May 8, 2016	May 8, 2016	May 18, 2016	A	Passed	
16	TEST-15-00009-GAZII-011-A	A	Trial Mix 30MPa-Cylinder (Al Tawwn Batch Plant)	Trial Mix	April 14, 2016	April 14, 2016	April 20, 2016	C	Failed	Modification Report
17	TEST-15-00009-GAZII-011-B	B	Trial Mix 30MPa-Cylinder (Al Tawwn Batch Plant)	Trial Mix	May 8, 2016	May 8, 2016	May 16, 2016	A	Passed	
18	TEST-15-00009-BER-012-A	A	Soil Classification Report for Al Berkah Site	Soil Classification	April 14, 2016	April 14, 2016	May 10, 2016	A	Passed	
19	TEST-15-00009-BER-013-A	A	Compaction test for subgrade under Al Berkah retaining wall Step No.2, 3, 4&5 – segment 1-2 & 2-3	Compaction Test	April 17, 2016	April 17, 2016	April 21, 2016	A	Passed	



QC SUBMITTALS LOG

No.	QC Submittal Number	REV.	QC Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status	Test Result	Remedial Action (If Failed)
20	TEST-15-00009-BER-014-A	A	Compaction test for Base Course Layer Under Al Berkah Retaining Wall Step No.2, 3, 4&5 – segment 1-2 & 2-3	Compaction Test	April 20, 2016	April 20, 2016	April 21, 2016	C	Failed	Retest after re-compaction
21	TEST-15-00009-BER-014-B	B	Compaction test for Base Course Layer Under Al Berkah Retaining Wall Step No.2, 3, 4&5 – segment 1-2 & 2-3	Compaction Test	April 24, 2016	April 24, 2016	April 25, 2016	A	Passed	
22	TEST-15-00009-GAZII-015-A	A	Trial Mix 35MPa-Cylinder ( Al Tawwn Batch Plant) 7 Days Results	Trial Mix	April 20, 2016	April 20, 2016	April 26, 2016	C	Failed	modification Report
23	TEST-15-00009-GAZII-015-B	B	Trial Mix 35MPa-Cylinder ( Al Tawwn Batch Plant) 7 Days Results	Trial Mix	May 22, 2016	May 22, 2016	May 23, 2016	A	Passed	
24	TEST-15-00009-BER-016-A	A	Compaction test for subgrade under Al Berkah retaining wall Step No1&2 – segment 3-4	Compaction Test	April 21, 2016	April 21, 2016	April 25, 2016	A	Passed	
25	TEST-15-00009-MAN-017-A	A	Calcareous sand stone (kurkar) for soil improvement under reservoir	Material test	May 2, 2016	May 2, 2016	May 16, 2016	A	Passed	
26	TEST-15-00009-BER-018-A	A	Compressive Strength for 7 days of 30 MPa Concrete for Al Berkah RW Foundation Segments (1-2) & (2-3)	Concrete Compressive Strength	May 8, 2016	May 8, 2016	May 16, 2016	C	Failed	Modification Report
27	TEST-15-00009-BER-018-B	B	Compressive Strength for 7 days of 30 MPa Concrete for Al Berkah RW Foundation Segments (1-2) & (2-3)	Concrete Compressive Strength	May 22, 2016	May 22, 2016	May 23, 2016	A	Passed	
28	TEST-15-00009-MAN-019-A	A	Compressive Strength for 7 days of 28 MPa Concrete for the encasement for existing water pipes under reservoir	Concrete Compressive Strength	May 8, 2016	May 8, 2016	May 16, 2016	C	Failed	Modification Report
28	TEST-15-00009-MAN-019-B	B	Compressive Strength for 7 days of 28 MPa Concrete for the encasement for existing water pipes under reservoir	Concrete Compressive Strength	May 22, 2016	June 22, 2016	May 23, 2016	A	Passed	
29	TEST-15-00009-MAN-020-A	A	Compaction test for subgrade under reservoir level (82.20)	Compaction Test	May 8, 2016	May 8, 2016	May 8, 2016	A	Passed	
30	TEST-15-00009-BER-021-A	A	Compressive Strength for 7 days of 14 MPa Concrete for the Plain Concrete under RW	Concrete Compressive Strength	May 8, 2016	May 8, 2016	May 16, 2016	C	Failed	Modification Report
31	TEST-15-00009-BER-021-B	B	Compressive Strength for 7 days of 14 MPa Concrete for the Plain Concrete under RW	Concrete Compressive Strength	May 22, 2016	May 22, 2016	June 2, 2016	B	Passed	
32	TEST-15-00009-BER-021-C	C	Compressive Strength for 7 days of 14 MPa Concrete for the Plain Concrete under RW	Concrete Compressive Strength	June 5, 2016	June 5, 2016	June 6, 2016	A	Passed	
33	TEST-15-00009-BER-022-A	A	Compaction test for the existing soil under reservoir	Compaction Test	May 9, 2016	May 9, 2016	May 16, 2016	A	Passed	



QC SUBMITTALS LOG

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34	TEST-15-00009-MAN-023-A	A	Compaction test for the compacted first layer under reservoir	Compaction Test	May 10, 2016	May 10, 2016	May 16, 2016	A	Passed	
35	TEST-15-00009-BER-024-A	A	Compaction test for the compacted first layer under Al Berkah reservoir	Compaction Test	May 10, 2016	May 10, 2016	May 16, 2016	A	Passed	
36	TEST-15-00009-BER-025-A	A	Compressive Strength for 7 days of 30 MPa Concrete for the Al Berkah RW foundation part of segment (2-3) and segment (3-4)	Concrete Compressive Strength	May 11, 2016	May 11, 2016	May 16, 2016	B	Passed	Modification Report
37	TEST-15-00009-BER-025-B	B	Compressive Strength for 7 days of 30 MPa Concrete for the Al Berkah RW foundation part of segment (2-3) and segment (3-4)	Concrete Compressive Strength	May 22, 2016	May 22, 2016	May 23, 2016	A	Passed	
38	TEST-15-00009-BER-026-A	A	Compaction test for the compacted second layer under Al Berkah reservoir	Compaction Test	May 11, 2016	May 11, 2016	May 16, 2016	A	Passed	
39	TEST-15-00009-MAN-027-A	A	Compaction test for the compacted second layer under Ma'an reservoir	Compaction Test	May 11, 2016	May 12, 2016	May 16, 2016	A	Passed	
40	TEST-15-00009-BER-028-A	A	Compaction test for third layer under Al Berkah reservoir	Compaction Test	May 12, 2016	May 12, 2016	May 16, 2016	A	Passed	
41	TEST-15-00009-MAN-029-A	A	Compaction test for third layer under Ma'an reservoir	Compaction Test	May 18, 2016	May 18, 2016	May 18, 2016	A	Passed	
42	TEST-15-00009-MAN-029-A	A	Compaction test for third layer under Ma'an reservoir	Compaction Test	May 18, 2016	May 18, 2016	May 18, 2016	A	Passed	
43	TEST-15-00009-MAN-030-A	A	Compressive Strength for 7 days of 28 MPa Concrete for the drain pipe under Ma'an reservoir	Concrete Compressive Strength	May 22, 2016	May 22, 2016	May 23, 2016	B	Passed	
44	TEST-15-00009-MAN-030-B	B	Compressive Strength for 7 days of 28 MPa Concrete for the drain pipe under Ma'an reservoir	Concrete Compressive Strength	May 24, 2016	May 24, 2016	June 1, 2016	A	Passed	
45	TEST-15-00009-BER-031-A	A	Compaction test for fourth layer under Al Berkah reservoir	Compaction Test	May 22, 2016	May 22, 2016	May 22, 2016	A	Passed	
46	TEST-15-00009-MAN-032-A	A	Steel Rebar's Test Reports (Φ20 & Φ25)	Material test	May 22, 2016	May 22, 2016	May 23, 2016	C	Failed	Source Certificate
47	TEST-15-00009-MAN-032-B	B	Steel Rebar's Test Reports (Φ20 & Φ25)	Material test	May 24, 2016	May 24, 2016	June 1, 2016	A	Passed	
48	TEST-15-00009-GAZII-033-A	A	Trial Mix 14MPa-Cylinder (Al Tawwn Batch Plant) – compressive strength test after 28 days	Trial Mix	May 24, 2016	May 24, 2016	June 1, 2016	A	Passed	



QC SUBMITTALS LOG

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49	TEST-15-00009-MAN-034-A	A	Compressive Strength for 28 days of 28 MPa Concrete for the encasement for existing water pipes under reservoir	Concrete Compressive Strength	May 24, 2016	May 24, 2016	June 1, 2016	A	Passed	
50	TEST-15-00009-MAN-035-A	A	Compaction test for the compacted subgrade layer under Ma'an RW	Compaction Test	May 24, 2016	May 24, 2016	June 1, 2016	A	Passed	
51	TEST-15-00009-MAN-036-A	A	Compaction test for Base Course Layer Under Ma'an Retaining Wall	Compaction Test	May 24, 2016	May 24, 2016	June 1, 2016	A	Passed	
52	TEST-15-00009-BER-037-A	A	Compressive Strength for 7 days of 30 MPa Concrete for RW (Wall) part A of segment (1-2) and part (A, C) of segment (3-4).	Concrete Compressive Strength	May 25, 2016	May 25, 2016	June 1, 2016	A	Passed	
53	TEST-15-00009-BER-038-A	A	Compressive Strength for 7 days of 30 MPa Concrete for RW Wall part F of segment (2-3)	Concrete Compressive Strength	May 25, 2016	May 25, 2016	June 1, 2016	A	Passed	
54	TEST-15-00009-GAZII-039-A	A	Trial Mix 28 Mpa (Al Tawwn batch plant) 7 days	Trial Mix	May 25, 2016	May 25, 2016	June 1, 2016	A	Passed	
55	TEST-15-00009-GAZII-040-A	A	7 Days Results for 35 MPa-Cylinder Trial Mix -Al Hadetha Company for Ready Mix Concrete	Trial Mix	May 26, 2016	May 26, 2016	June 1, 2016	C	Failed	Modification Report
56	TEST-15-00009-GAZII-040-B	B	7 Days Results for 35 MPa-Cylinder Trial Mix -Al Hadetha Company for Ready Mix Concrete	Trial Mix	June 5, 2016	June 5, 2016	June 6, 2016	A	Passed	
57	TEST-15-00009-MAN-041-A	A	Compressive Strength for 7 days of 14 MPa Concrete for plain concrete under Ma'an reservoir	Concrete Compressive Strength	May 29, 2016	May 29, 2016	June 2, 2016	A	Passed	
58	TEST-15-00009-BER-042-A	A	Compressive Strength for 28 days of 30 MPa Concrete for RW foundation for segment (1-2) and part of segment (2-3).	Concrete Compressive Strength	May 29, 2016	May 29, 2016	June 1, 2016	A	Passed	
59	TEST-15-00009-GAZII-043-A	A	7 Days Results for 35 MPa-Cylinder Trial Mix -Al Tahreer Company for Ready Mix Concrete	Trial Mix	May 29, 2016	May 29, 2016	June 1, 2016	A	Passed	
60	TEST-15-00009-BER-044-A	A	Compressive Strength for 7 days of 30 MPa Concrete for RW (Wall) part (E, G) of segment (2-3) and part (B, D) of segment (3-4).	Concrete Compressive Strength	May 29, 2016	May 29, 2016	June 1, 2016	A	Passed	
61	TEST-15-00009-BER-045-A	A	Steel Rebar's Test Reports (Φ25)	Material test	May 31, 2016	May 31, 2016	June 1, 2016	A	Passed	
62	TEST-15-00009-BER-046-A	A	Compressive Strength for 28 days of 14 MPa Concrete for the blinding of RW for segment (3-4) and part of segment (2-3).	Concrete Compressive Strength	May 31, 2016	May 31, 2016	June 2, 2016	B	Passed	
63	TEST-15-00009-BER-046-B	B	Compressive Strength for 28 days of 14 MPa Concrete for the blinding of RW for segment (3-4) and part of segment (2-3).	Concrete Compressive Strength	June 5, 2016	June 5, 2016	June 6, 2016	A	Passed	



QC SUBMITTALS LOG

No.	QC Submittal Number	REV.	QC Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status	Test Result	Remedial Action (If Failed)
64	TEST-15-00009-BER-047-A	A	Compressive Strength for 7 days of 14 MPa Concrete for the blinding of Al Berkah reservoir	Concrete Compressive Strength	May 31, 2016	May 31, 2016	June 2, 2016	C	Failed	Add slump value to report
65	TEST-15-00009-BER-047-B	B	Compressive Strength for 7 days of 14 MPa Concrete for the blinding of Al Berkah reservoir	Concrete Compressive Strength	June 5, 2016	June 5, 2016	June 6, 2016	A	Passed	
66	TEST-15-00009-BER-048-A	A	Compressive Strength for 28 days of 30 MPa Concrete for RW foundation of part of segment (2-3) and Segment (3-4)	Concrete Compressive Strength	June 2, 2016	June 2, 2016	June 6, 2016	A	Passed	
67	TEST-15-00009-MAN-049-A	A	Compressive Strength for 7 days of 14 MPa Concrete for Ma'an RW plain concrete	Concrete Compressive Strength	June 2, 2016	June 2, 2016	June 6, 2016	A	Passed	
68	TEST-15-00009-BER-050-A	A	Compressive Strength for 7 days of 30 MPa Concrete for Al Berkah Retaining Wall Segment 1-2 Part C. Segment 2-3 Part A Segment 3-4 Part E	Concrete Compressive Strength	June 5, 2016	June 5, 2016	June 6, 2016	A	Passed	
69	TEST-15-00009-BER-051-A	A	Steel Rebar's Test Reports (Φ20 & Φ25)	Material test	June 7, 2016	June 7, 2016	June 8, 2016	A	Passed	
70	TEST-15-00009-MAN-052-A	A	Compressive Strength for 7 days of 30 MPa Concrete for Ma'an RW foundation for Segment (6-6A) and segment (6-6B).	Concrete Compressive Strength	June 7, 2016	June 7, 2016	June 8, 2016	A	Passed	
71	TEST-15-00009-MAN-053-A	A	Compressive Strength for 7 days of 35 MPa Concrete for Ma'an reservoir foundation.	Concrete Compressive Strength	June 8, 2016	June 8, 2016	June 12, 2016	A	Passed	
72	TEST-15-00009-BER-054-A	A	Compressive Strength for 7 days of 30 MPa Concrete for Al Berkah RW (walls) for part (B, D) of segment (1-2) and part (B, D) of segment (2-3)	Concrete Compressive Strength	June 9, 2016	June 9, 2016	June 12, 2016	A	Passed	
73	TEST-15-00009-MAN-055-A	A	Compressive Strength for 28 days of 28 MPa Concrete for drain pipe encasement under Ma'an reservoir	Concrete Compressive Strength	June 12, 2016	June 12, 2016	June 13, 2016	A	Passed	
74	TEST-15-00009-GAZII-056-A	A	Trial Mix 35MPa-Cylinder (Al Tawwn Batch Plant) 28 Days Results	Trial Mix	June 12, 2016	June 12, 2016	June 13, 2016	A	Passed	
75	TEST-15-00009-BER-057-A	A	Compressive Strength for 7 days of 35 MPa Concrete for Al Berkah reservoir foundation.	Concrete Compressive Strength	June 13, 2016	June 13, 2016	June 16, 2016	A	Passed	
76	TEST-15-00009-BER-058-A	A	Compressive Strength for 28 days of 30 MPa Concrete for Al Berkah RW walls Segment 1-2 Part A &. Segment 3-4 Part (A, C)	Concrete Compressive Strength	June 14, 2016	June 14, 2016	June 16, 2016	A	Passed	
77	TEST-15-00009-BER-059-A	A	Trial Mix 28MPa-Cylinder (Al Tawwn Batch Plant) + 28 days compressive strength for drain pipe encasement under Al Berkah reservoir	Trial Mix	June 15, 2016	June 15, 2016	June 19, 2016	A	Passed	
78	TEST-15-00009-BER-060-A	A	Compressive Strength for 28 days of 30 MPa Concrete for Al Berkah RW walls Segment 2-3 Part F	Concrete Compressive Strength	June 15, 2016	June 15, 2016	June 19, 2016	A	Passed	



QC SUBMITTALS LOG

No.	QC Submittal Number	REV.	QC Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status	Test Result	Remedial Action (If Failed)
79	TEST-15-00009-BER-061-A	A	Compressive Strength for 7 days of 30 MPa Concrete for Al Berkah RW walls Segment 1-2 Part E	Concrete Compressive Strength	June 15, 2016	June 15, 2016	June 19, 2016	A	Passed	
80	TEST-15-00009-BER-062-A	A	Compaction test for subgrade layer in construction site as shown in attached drawing	Compaction Test	June 15, 2016	June 15, 2016	June 19, 2016	A	Passed	
81	TEST-15-00009-BER-063-A	A	Trial Mix 35 MPa-Cylinder (Al Tahreer Batch Plant) – 28 days	Trial Mix	June 16, 2016	June 16, 2016	June 19, 2016	A	Passed	
82	TEST-15-00009-BER-064-A	A	Compressive Strength for 7 days of 30 MPa Concrete for Ma'an RW walls Segment 6-6A Parts (A, C)	Concrete Compressive Strength	June 16, 2016	June 16, 2016	June 19, 2016	A	Passed	
83	TEST-15-00009-BER-065-A	A	Compressive Strength for 28 days of 14 MPa Concrete for Plain concrete under Ma'an Reservoir	Concrete Compressive Strength	June 16, 2016	June 16, 2016	June 23, 2016	A	Passed	
84	TEST-15-00009-BER-066-A	A	Compaction test for backfilling layer in construction site as shown in attached drawing	Compaction Test	June 19, 2016	June 19, 2016	June 23, 2016	A	Passed	
85	TEST-15-00009-BER-067-A	A	Compaction test for backfilling layer in construction site as shown in attached drawing	Compaction Test	June 19, 2016	June 19, 2016	June 23, 2016	C	Failed	Deep test
86	TEST-15-00009-BER-068-A	A	Compaction test for backfilling layer in construction site as shown in attached drawing	Compaction Test	June 19, 2016	June 19, 2016	June 23, 2016	C	Failed	Deep test
87	TEST-15-00009-BER-069-A	A	Compressive Strength for 28 days of 30 MPa Concrete for RW (Wall) part (E, G) of segment (2-3) and part (B, D) of segment (3-4).	Concrete Compressive Strength	June 19, 2016	June 19, 2016	June 23, 2016	A	Passed	
88	TEST-15-00009-MAN-070-A	A	Compressive Strength for 7 days of 30 MPa Concrete for Ma'an RW (Wall) part (B) of segment (6-6A) and part (A) of segment (6-6B).	Concrete Compressive Strength	June 20, 2016	June 20, 2016	June 23, 2016	C	Failed	Modification Report
89	TEST-15-00009-MAN-070-B	B	Compressive Strength for 7 days of 30 MPa Concrete for Ma'an RW (Wall) part (B) of segment (6-6A) and part (A) of segment (6-6B).	Concrete Compressive Strength	June 26, 2016	June 26, 2016	June 28, 2016	A	Passed	
90	TEST-15-00009-BER-071-A	A	Backfilling soil "Sand" for Al Berkah Project	Material test	June 20, 2016	June 20, 2016	June 23, 2016	A	Passed	
91	TEST-15-00009-BER-072-A	A	Compressive Strength for 28 days of 14 MPa Concrete for the blinding of Al Berkah reservoir	Concrete Compressive Strength	June 20, 2016	June 20, 2016	June 23, 2016	A	Passed	
92	TEST-15-00009-BER-073-A	A	Compaction test for backfilling layer in construction site as shown in attached drawing	Compaction Test	June 20, 2016	June 20, 2016	June 23, 2016	A	Passed	
93	TEST-15-00009-BER-074-A	A	Compaction test for backfilling layer in construction site as shown in attached drawing	Compaction Test	June 21, 2016	June 21, 2016	June 23, 2016	A	Passed	



QC SUBMITTALS LOG

No.	QC Submittal Number	REV.	QC Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status	Test Result	Remedial Action (If Failed)
94	TEST-15-00009-MAN-075-A	A	Steel Rebar's Test Reports (Φ20 & Φ25)	Material test	June 22, 2016	June 22, 2016	June 28, 2016	A	Passed	
95	TEST-15-00009-MAN-076-A	A	Compressive Strength for 28 days of 14 MPa Concrete for Ma'an RW plain concrete	Concrete Compressive Strength	June 22, 2016	June 22, 2016	June 28, 2016	A	Passed	
96	TEST-15-00009-BER-077-A	A	Compaction test for backfilling layer in construction site as shown in attached drawing	Compaction Test	June 22, 2016	June 22, 2016	June 28, 2016	A	Passed	
97	TEST-15-00009-MAN-078-A	A	Compressive Strength for 28 days of 30 MPa Concrete for Ma'an RW foundation for Segment (6-6A) and segment (6-6B).	Concrete Compressive Strength	June 26, 2016	June 26, 2016	June 28, 2016	A	Passed	
98	TEST-15-00009-MAN-079-A	A	Compaction test for backfilling the first layer for inside and outside Ma'an RW of segment (6-6A) and segment (6-6B)	Compaction Test	June 26, 2016	June 26, 2016	June 28, 2016	A	Passed	
99	TEST-15-00009-MAN-080-A	A	Compaction test for backfilling the second layer for inside and outside Ma'an RW of segment (6-6A) and segment (6-6B)	Compaction Test	June 26, 2016	June 26, 2016	June 28, 2016	A	Passed	
100	TEST-15-00009-MAN-081-A	A	Compaction test for backfilling the third layer for inside and outside Ma'an RW of segment (6-6A) and segment (6-6B)	Compaction Test	June 26, 2016	June 26, 2016	June 28, 2016	A	Passed	
101	TEST-15-00009-MAN-082-A	A	Backfilling soil "Sand" for Ma'an RW.	Material test	June 26, 2016	June 26, 2016	June 28, 2016	A	Passed	
102	TEST-15-00009-BER-083-A	A	Compressive Strength for 28 days of 30 MPa Concrete for Al Berkah RW walls Segment 1-2 Part C. Segment 2-3 Part (A, C) Segment 3-4 Part E	Concrete Compressive Strength	June 26, 2016	June 26, 2016	June 28, 2016	A	Passed	
103	TEST-15-00009-BER-084-A	A	Steel Rebar's Test Reports (Φ16)	Material test	June 28, 2016	June 28, 2016	June 29, 2016	A	Passed	
104	TEST-15-00009-BER-085-A	A	Compressive Strength for 7 days of 14 MPa Concrete for the blinding of Al Berkah Guard House	Concrete Compressive Strength	June 28, 2016	June 28, 2016	June 29, 2016	A	Passed	
105	TEST-15-00009-MAN-086-A	A	Compressive Strength for 28 days of 35 MPa Concrete for Ma'an reservoir foundation.	Concrete Compressive Strength	June 28, 2016	June 28, 2016		Under Review		
106	TEST-15-00009-BER-087-A	A	Compressive Strength for 28 days of 30 MPa Concrete for Al Berkah RW (walls) for part (B, D) of segment (1-2) and part (B, D) of segment (2-3)	Concrete Compressive Strength	June 30, 2016	June 30, 2016		Under Review		

# **Annex I - Request for Information Log**



REQUEST FOR INFORMATION LOG									
No.	RFI No.	Project	REF.	Description	Submitted Date	Contract Due Date	Response Date	Review Days	Response
1	RFI-15-00009-GAZII.C-E.001	GAZII	Program Standard Design M-GR 41 & M-GR 42 Program Standard Details M-DT02 & S-DT05 Al Berkah design drawings (G-107 ) Ma'an design drawings (G-107 )	Long delivery period for 160mm UPVC pipes (PN16) – Request to supply and install the reservoir drain (washout pipe) to UPVC pipes from the local Plassim manufacturers in either PN 12.5 UPVC with socket and Rubber Gasket joints (Meriam) or in PN16 pipes with solvent cement joints (Meriduire).	December 7, 2015	January 6, 2016	December 27, 2015	20	Accepted with VOR
2	RFI-15-00009-GAZII.C-E.002	GAZII	RFTOP-Section C, Description/Specifications/ Statement of Work	Substitution New Jersey Barriers with Steel Mini Guard	December 23, 2015	January 22, 2016	December 27, 2015	4	To resubmit
3	RFI-15-00009-GAZII.C-E.003	GAZII	Program Standard Design Drawing No. M-GR43 Program Standard Design Drawing No. S-GR41 Program Standard Details Drawing No. S-DT06 Program Standard Details Drawing No. S-DT02	Perforated Pipes arrangement under Reservoir's Foundation at Al Berkah & Ma'an Reservoirs	December 23, 2015	January 22, 2016	January 13, 2016	21	No Change is required
4	RFI-15-00009-GAZII.C-E.004	GAZII	Program Standard Specifications section 16050	Rigid PVC conduit - Schedule 40. at Al Berkah & Ma'an Reservoirs	January 21, 2016	February 20, 2016	January 31, 2016	10	Accepted with VOR
5	RFI-15-00009-GAZII.C-E.005	GAZII	Program Standard Design Drawing No. E-501	GFCI (Ground Fault Circuit Interrupter) Receptacles.at Al Berkah & Ma'an Reservoirs	January 21, 2016	February 20, 2016	February 3, 2016	13	Accepted with VOR (Zero time/Cost Impact)
6	RFI-15-00009-GAZII.C-E.006	GAZII	RFTOP-Section C, Description/Specifications/ Statement of Work	Substitution New Jersey Barriers with Steel Mini Guard – Supplementary Information	January 26, 2016	February 25, 2016	February 8, 2016	13	Accepted with VOR (Zero time/Cost Impact)
7	RFI-15-00009-MAN.C-E.007	MAN	Ma'an design drawings (S-RW01 & S-RW02)	Construction of Retaining Wall -Ma'an	January 28, 2016	February 27, 2016	February 25, 2016	28	Accepted with VOR
8	RFI-15-00009-GAZII.C-E.008	GAZII	B.O.Q item no. 2.3.6, 4.3.6, 5.3.6,	CMU Veneer Walls	February 7, 2016	March 8, 2016	February 23, 2016	16	To provide cost/technical comparison
9	RFI-15-00009-GAZII.C-E.009	GAZII	General Program standard Designs S-GR41 & M- GR41 Program standard Details M-DT07	Manway Requirement	February 7, 2016	March 8, 2016	February 16, 2016	9	required as part of the Contractor
10	RFI-15-00009-GAZII.C-E.010	GAZII	General Program standard Designs S-GR41 & M- GR41 Program standard Details M-DT07	Access Manway	February 21, 2016	March 22, 2016	February 24, 2016	3	required as part of the Contractor
11	RFI-15-00009-GAZII.C-E.011	GAZII	Bill of Quantity Item 2.1,3,4.1 , Specification: 02630	PVC Pipes and Fittings Spare Quantities	February 21, 2016	March 22, 2016	February 29, 2016	8	Accepted with VOR
12	RFI-15-00009-GAZII.C-E.012	GAZII	Supplemental Specification Section 11910 para 2-2-2.c	Generator Set Displacement	March 3, 2016	April 2, 2016	March 6, 2016	3	Retracked
13	RFI-15-00009-GAZII.C-E.012	GAZII	Supplemental Specification Section 11910 para 2-2-2.c	Generator Set Displacement	March 6, 2016	April 5, 2016	March 7, 2016	1	Accepted
14	RFI-15-00009-GAZII.C-E.013	GAZII	Standard Specifications Section 13562 Paragraph 2-2.02.01 & 2-2.02.02	Flowmeters construction material	March 29, 2016	April 28, 2016	April 11, 2016	13	Contractor to provide as specified

**REQUEST FOR INFORMATION LOG**

No.	RFI No.	Project	REF.	Description	Submitted Date	Contract Due Date	Response Date	Review Days	Response
15	RFI-15-00009-GAZII.C-E.014	GAZII	Standard Specifications: Section 16721, Drawings: E-511, E-501, E-DIS1, E-GH02	Fire Alarm System	April 3, 2016	May 3, 2016	April 12, 2016	9	Contractor to provide fire alarm system at the guard house, disinfection building and electrical and control building
16	RFI-15-00009-MAN-C-E-015	MAN	Ma'an design drawings (G-106) Ma'an design drawings (C-217)	Connection between Ma'an reservoirs 1 & 2	April 12, 2016	May 12, 2016	May 15, 2016	33	to submit VOR
17	RFI-15-00009-GAZII.C-E.016	GAZII	Program Standard Design drawings (C-DT 21) Program Standard Design drawings (C-DT 22)	Removal of Filter Fabric in Trenches Backfill	April 12, 2016	May 12, 2016	April 18, 2016	6	Not Accepted
18	RFI-15-00009-MAN-C-E-017	MAN	Drawing C-212 & C-216 Ma'an Conformed Document	Removal of existing tree.	April 18, 2016	May 18, 2016	April 25, 2016	7	Response
19	RFI-15-00009-MAN-C-E-018	MAN	Drawing C-216 Ma'an Conformed Document	Fence for the western side of Ma'an Site.	April 18, 2016	May 18, 2016	April 28, 2016	10	Response
20	RFI-15-00009-GAZII.C-E.019	GAZII	Supplementary Specification Section 11910 para 2-4.03	Generators Fuel Tank	April 24, 2016	May 24, 2016	April 27, 2016	3	Not Accepted
21	RFI-15-00009-MAN-C-E-020	MAN	Drawing C-220 Ma'an Conformed Drawings, Section 2200 (Excavation and Fill for Structures)	Soil Replacement under Ma'an Reservoir	May 4, 2016	June 3, 2016	May 8, 2016	4	Accepted
22	RFI-15-00009-MAN-C-E-21	MAN	Conformed BOQ, item 6.3.1 SUB-15-00009-GAZII-056-E, SM-15-00009-MAN-E-C-008	Coordinate VFDs with the Generator set	May 30, 2016	June 29, 2016	June 7, 2016	8	to submit VOR
23	RFI-15-00009-GAZII.C-E-22	GAZII	Program Standard Design: C-217, M-001	Use steel pipes above the ground level instead of DI pipes	June 2, 2016	July 2, 2016	June 22, 2016	20	Accepted
24	RFI-15-00009-BER-C-E-023	BER	Program Project Drawing No. C-216, Program Standard Details Drawing No. C-DT11 & C-DT12, BOQ Item 8.1.10.1	Exterior gate at Al Berkah project	June 27, 2016	July 27, 2016			Under review
25	RFI-15-00009-MAN-C-E-024	MAN	Program Project Drawing No. C-216, Program Standard Details Drawing No. C-DT11 & C-DT12, BOQ Item 8.1.10.1	Exterior gate at Ma'an project	June 27, 2016	July 27, 2016			Under review

# Annex J – Safety Flyers



**SAFETY AWARENESS PROGRAM  
TOOL BOX TALKS  
Safety Department**

**Heavy Equipment; (plant & machinery)**

1. Heavy equipment is defined as trucks, dozers, mechanical shovels, side-booms, cranes, graders and similar equipment.:
2. All the equipment must be properly maintained and in good condition. Check inspection sticker is current.
3. All operators shall be properly trained on the type of equipment they are operating, and shall hold the appropriate license, if required by law.
4. Wheel mounted equipment, other than trucks, shall be fitted with a reversing alarm. This applies particularly to mechanical shovels, Bobcats, Dumpers, truck cranes and fork lift trucks...
5. Only banksman may give instructions to the operator. But in case of danger anyone can call **"STOP!"**
6. Passengers shall not ride on equipment unless there is approved and properly installed seat for them; with seat belts.
7. Load-carrying vehicles shall not be loaded beyond their rated capacity.
8. Operators shall not refuel equipment with the engine running.
9. No equipment shall enter a restricted area without a work permit
10. Drivers of trucks shall not remain in the cab when the truck is being loaded by crane, back hoe, clam shell or similar means.



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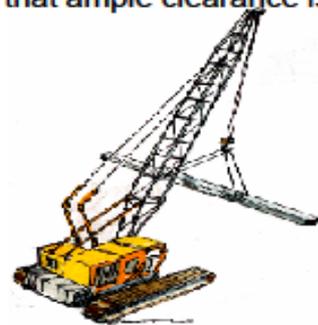
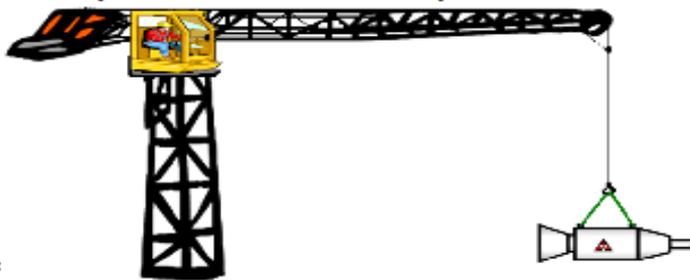
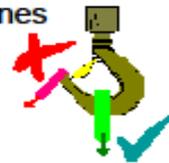
Safety Tool Box Brochure (Heavy equipment)



**SAFETY AWARENESS PROGRAM  
TOOL BOX TALKS  
Safety Department**

**LIFTING AND RIGGING**

1. All crane operators and riggers must be specially trained and certified to perform this work.
2. Crane operators must inspect their equipment and ensure that equipment is in good condition, including hydraulic lines, engine fluids, tires, load chart is available, etc.
3. Any defective equipment on a crane must be reported to the heavy equipment supervisor/superintendent and repaired.
4. When directing crane lifting, only a qualified rigger, banksman or supervisor shall give signals to crane operators. Only one man to give the signal and signals must be standard approved signals.
5. All slings must be inspected **daily** before use Wire slings must not have more than Five (5) broken wires in one cable lay and must not be crushed or kinked. Nylon slings must not be frayed to the point where the centre coloured strands show. Nylon slings must not be knotted, or torn in the centre of the slings.
6. All lifting equipments must - periodically - inspected and colour coded by an authorized competent person, defective slings must be replaced immediately.
7. All loads must be accompanied by a tag line. Additional tag lines may be required to control awkward lifts, tandem lifts, etc.
8. Shackles must be rated for the weight of each load. The shackle pin must extend past the threaded shackle opening when screwed-in completely.
9. All crane hooks must have Safety Latches, and never put load on hook tips, as it can be distorted. Loads should rest on the hooks body.
11. A flagman must accompany and direct a crane while being moved. Particular care must be used when operating a crane, or moving close to power lines and overhead facilities. Make certain that ample clearance is kept between a crane and power lines.



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Safety Tool Box Brochure (Lifting & Rigging)


**CONSOLIDATED CONTRACTORS COMPANY  
 HEALTH, SAFETY & ENVIRONMENT GROUP**


Health	Safety	Environment
<b>REFERENCE:</b> CCC/HSE-ALERT-S-006/2016 <b>MONTH / YEAR:</b> June, 2016	<b>ACCIDENT DESCRIPTION:</b> On Jan 14 <sup>th</sup> , 2016 on a CCC project underground electrical cable removal activity was taking place to remove a 70 mm <sup>2</sup> earth cable from the trench using a track excavator.	
<b>ACCIDENT TYPE:</b> Lost Time Injury	As a part of the process the IP (rigger) attached a sling belt to the cable and then proceeded to attach it to the bucket of the excavator. Five seconds after that the operator started moving the bucket of the excavator without receiving any signal from the flagman. The clockwise rotation of the bucket resulted in the IP being struck as he was still inside the barricaded area.	
<b>PERSONNEL INJURED:</b> Rigger	The project team called the emergency number and the ambulance arrived and transferred the IP to a nearby local hospital where the IP was diagnosed with a fracture to his right fibula and tibia.	
<b>DATE OF ACCIDENT:</b> 14 Jan 2016	<b>DIRECT &amp; INDIRECT CAUSES:</b> <ul style="list-style-type: none"> <li>• Failure to comply with established procedure. The operator failed to follow the proper procedure and site requirement to not move the excavator before receiving the signal from the flagman.</li> <li>• Flagman's position was not adequate to observe the required periphery of the swing radius.</li> <li>• The IP was still inside the operation area when the incident occurred.</li> <li>• The method statement attached to the permit of excavation did not cover the specific and proper work steps for cable removing at the time of incident.</li> <li>• Lack of competent supervision (supervisor failed to recognize an unsafe act and condition)</li> </ul>	
		
<b>ACCIDENT CAUSE:</b> Struck by excavator bucket	<b>CORRECTIVE ACTIONS / MITIGATION MEASURES:</b> <ul style="list-style-type: none"> <li>• Refresher training on communication protocols to all site operators and flagmen to be conducted and incident lessons learnt must be included.</li> <li>• Flagman should be in the right position to observe any man-machine interface and if required use two flagman.</li> <li>• Follow the proper procedures and site requirements for underground cable removal activity.</li> <li>• The method statement must be reviewed and include the proper steps and protocols for cables removal.</li> <li>• Safety stand down meeting to be conducted to all employees, and lessons learned to be communicated.</li> <li>• Raise supervision's hazard awareness to improve their compliance with safe work procedures.</li> </ul>	
<b>Key Messages:</b> <ul style="list-style-type: none"> <li>• Proper positioning of the flagman to observe any man-machine interface.</li> <li>• Always follow the work procedures and site requirements.</li> <li>• Method statement shall be attached to the excavation PTW.</li> <li>• Supervisors must be aware of all hazards associated with the activity being performed.</li> </ul>		


**CONSOLIDATED CONTRACTORS COMPANY  
 HEALTH, SAFETY & ENVIRONMENT GROUP**


Health	Safety	Environment
<b>REFERENCE:</b> CCC/HSE-ALERT-S- 003/2016 <b>MONTH / YEAR:</b> January / 2016 <b>YEAR 2016</b> <b>ISSUE NO. 003</b> <b>ACCIDENT TYPE:</b> High potential Multiple fatalities <b>PERSONNEL INVOLVED:</b> Six workers <b>PERSONNEL INJURED:</b> One Injury ( LTI ) <b>DATE OF ACCIDENT:</b> 17 December 2015	<b>ACCIDENT DESCRIPTION:</b> In one of CCC Projects, a group of six people were performing a manual excavation in an open trench (2.7 m deep & 1.5 m wide). They were to excavate and install an underground storm water line. While three workers were inside the excavation performing the task, one side of the excavation partially collapsed near the three workers who tried to escape the falling soil.  One worker (later the IP), while running away and looking back at the falling wall, struck the other side/wall of the excavation; hurting his left leg while his right leg got buried by the collapsing soil up to his calve.  Co-workers pulled the IP out of soil and up to surface, and first aid was given to him till the medical service arrived site and took him to the hospital.	
 	<b>ROOT CAUSES OF INCIDENT:</b> <ol style="list-style-type: none"> <li><b>Fail to identify the potential hazard of soil collapse</b> Neither safety personnel or construction engineer or foreman identified or reported the hazard. They either had no adequate knowledge of the hazard or underestimated/neglected the hazard.</li> <li><b>Fail to provide any edge protection for excavation such as shoring OR shielding.</b></li> <li><b>PTW (permit to work) system was not effective, it was a routine process where the PTW inspector failed to check the workplace physically, before he signs off the PTW. He did not ensure that proper edge protection is actually implemented</b></li> <li><b>Fail to implement the excavation procedure which mandates proper Edge Protection to excavations.</b></li> <li><b>Ineffective RA (Risk Assessment) &amp; PTSI which did not mention the hazards or the control measures of soil collapse.</b></li> </ol>	
<b>ACCIDENT CAUSE:</b>  Excavation one side collapse	<b>CORRECTIVE ACTIONS:</b> <ol style="list-style-type: none"> <li><b>Provide Excavation Training Course</b> to all workers, supervisors and the PTW inspectors who are involved in excavation activities.</li> <li><b>Place Disciplinary Actions</b> upon individuals/parties who fail to report the hazard; the Safety Officer of the area, the HSE Manager, the Construction Supervisor of the Area, the Engineer of the Area and the PTW inspector.</li> <li><b>Conduct an Overall Campaign</b> over all excavations and trenches and report all areas where edge protection is needed. Based on the results of campaign, Edge Protection must be implemented to all excavations as per procedure requirements.</li> <li><b>Revise the RA of excavation</b> and ensure that Hazards and controls of edge protection are stated in the RA. The RA must be revised by the engineer and reviewed /signed by the HSE Manager.</li> <li><b>Develop effective PTSI</b> which must include all potential hazards and control measures of excavation especially edge protection. Ensure to communicate the PTSI effectively to workers.</li> </ol>	

# **Annex K – Geo - MIS Data**

**USAID WEST BANK/ GAZA  
INFRASTRUCTURE NEEDS PROGRAM INPII  
CONTRACT NO. : AID-294-I-00-12-00002  
TASK ORDER NO. : AID-294-TO-15-00009  
PROJECT 1 : GAZII (Al-Berkah)  
TEMPORARY JOB DAYS REPORT**

**Gaza - Construction of Reservoirs and Pumping Facilities Package II**

Period From June 1, 2016 To June 30, 2016

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	Male	Female
	Task Order Manager	Construction Manager	Quality Control Manager	Safety & Environmental Compliance Officer	Project Engineer	Site Engineer	Project Control Engineer	Electrical Engineer	Mechanical Engineer	Office Engineer	Office Engineer (F)	Foreman	Skilled Labor	Equipment Operator	Flagman	Unskilled Labor	Surveyor	Car Driver	Office Boy	Guard							
June 1, 2016	4	5	4	4	8	10	4	4	4	4	9	0	50	6	0	110	4	5	20	40	2.1	5.4	7.0	13.8	8.6	35.8	1.1
June 2, 2016	4	5	4	4	8	10	4	4	4	4	9	0	50	2	0	100	4	5	20	40	2.1	5.4	6.5	12.5	8.6	34.0	1.1
June 3, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0.0	0.0	0.0	0.0	3.0	3.0	0.0
June 4, 2016	4	5	4	4	8	10	4	4	4	4	9	0	100	0	0	170	4	5	20	40	2.1	5.4	12.5	21.3	8.6	48.8	1.1
June 5, 2016	4	5	4	4	8	10	4	4	4	4	9	0	100	20	0	200	4	5	20	40	2.1	5.4	15.0	25.0	8.6	55.0	1.1
June 6, 2016	4	5	4	4	8	10	4	4	4	4	9	0	30	0	0	40	4	5	20	40	2.1	5.4	3.8	5.0	8.6	23.8	1.1
June 7, 2016	4	4	4	4	8	8	4	4	4	4	8	0	40	2	0	80	4	4	16	40	2.0	5.0	5.3	10.0	8.0	29.3	1.0
June 8, 2016	4	4	4	4	8	8	4	4	4	4	8	0	40	0	0	80	4	4	16	40	2.0	5.0	5.0	10.0	8.0	29.0	1.0
June 9, 2016	4	4	4	4	8	8	4	4	4	4	8	0	40	0	0	80	4	4	16	40	2.0	5.0	5.0	10.0	8.0	29.0	1.0
June 10, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0.0	0.0	0.0	0.0	3.0	3.0	0.0
June 11, 2016	4	4	4	4	8	8	4	4	4	4	8	0	16	0	0	80	4	4	16	40	2.0	5.0	2.0	10.0	8.0	26.0	1.0
June 12, 2016	4	4	4	4	8	8	4	4	4	4	8	0	16	3	0	40	4	4	16	40	2.0	5.0	2.4	5.0	8.0	21.4	1.0
June 13, 2016	4	4	4	4	8	8	4	4	4	4	8	0	16	0	0	40	4	4	16	40	2.0	5.0	2.0	5.0	8.0	21.0	1.0
June 14, 2016	4	4	4	4	8	8	4	4	4	4	8	0	16	21	0	32	4	4	16	40	2.0	5.0	4.6	4.0	8.0	22.6	1.0
June 15, 2016	4	4	4	4	8	8	4	4	4	4	8	0	8	7	0	40	4	4	16	40	2.0	5.0	1.9	5.0	8.0	20.9	1.0
June 16, 2016	4	4	4	4	8	8	4	4	4	4	8	0	8	0	0	40	4	4	16	40	2.0	5.0	1.0	5.0	8.0	20.0	1.0
June 17, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0.0	0.0	0.0	0.0	3.0	3.0	0.0
June 18, 2016	4	4	4	4	8	8	4	4	4	4	8	0	8	5	0	80	4	4	16	40	2.0	5.0	1.6	10.0	8.0	25.6	1.0
June 19, 2016	4	4	4	4	8	8	4	4	4	4	8	0	16	4	0	48	4	4	16	40	2.0	5.0	2.5	6.0	8.0	22.5	1.0
June 20, 2016	4	4	4	4	8	8	4	4	4	4	8	0	24	3	0	40	4	4	16	40	2.0	5.0	3.4	5.0	8.0	22.4	1.0
June 21, 2016	4	4	4	4	8	8	4	4	4	4	8	0	24	2	0	40	4	4	16	40	2.0	5.0	3.3	5.0	8.0	22.3	1.0
June 22, 2016	4	4	4	4	8	8	4	4	4	4	8	0	24	3	0	40	4	4	16	40	2.0	5.0	3.4	5.0	8.0	22.4	1.0
June 23, 2016	4	4	4	4	8	8	4	4	4	4	8	0	24	1	0	48	4	4	16	40	2.0	5.0	3.1	6.0	8.0	23.1	1.0
June 24, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0.0	0.0	0.0	0.0	3.0	3.0	0.0
June 25, 2016	4	4	4	4	8	8	4	4	4	4	8	0	24	0	0	40	4	4	16	40	2.0	5.0	3.0	5.0	8.0	22.0	1.0
June 26, 2016	4	4	4	4	8	8	4	4	4	4	8	0	24	0	0	40	4	4	16	40	2.0	5.0	3.0	5.0	8.0	22.0	1.0
June 27, 2016	4	4	4	4	8	8	4	4	4	4	8	0	16	0	0	32	4	4	16	40	2.0	5.0	2.0	4.0	8.0	20.0	1.0
June 28, 2016	4	4	4	4	8	8	4	4	4	4	8	0	8	3	0	24	4	4	16	40	2.0	5.0	1.4	3.0	8.0	18.4	1.0
June 29, 2016	4	4	4	4	8	8	4	4	4	4	8	0	8	4	0	24	4	4	16	40	2.0	5.0	1.5	3.0	8.0	18.5	1.0
June 30, 2016	4	4	4	4	8	8	4	4	4	4	8	0	40	6	0	40	4	4	16	40	2.0	5.0	5.8	5.0	8.0	24.8	1.0
<b>Total of Month</b>	<b>104.0</b>	<b>109.0</b>	<b>104.0</b>	<b>104.0</b>	<b>208.0</b>	<b>218.0</b>	<b>104.0</b>	<b>104.0</b>	<b>104.0</b>	<b>104.0</b>	<b>213.0</b>	<b>0.0</b>	<b>770.0</b>	<b>92.0</b>	<b>0.0</b>	<b>1628.0</b>	<b>104.0</b>	<b>109.0</b>	<b>436.0</b>	<b>1136.0</b>	<b>52.6</b>	<b>131.9</b>	<b>107.8</b>	<b>203.5</b>	<b>223.1</b>	<b>692.3</b>	<b>26.6</b>

\* Total Man-days = Total Hours / 8

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

**USAID WEST BANK/ GAZA  
INFRASTRUCTURE NEEDS PROGRAM INPII  
CONTRACT NO. : AID-294-I-00-12-00002  
TASK ORDER NO. : AID-294-TO-15-00009  
PROJECT 2 : GAZII (Ma'an)  
TEMPORARY JOB DAYS REPORT**

Gaza - Construction of Reservoirs and Pumping Facilities Package II  
Period From June 1, 2016 To June 30, 2016

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	Male	Female
	Task Order Manager	Construction Manager	Quality Control Manager	Safety & Environmental Compliance Officer	Project Engineer	Project Control Engineer	Electrical Engineer	Mechanical Engineer	Office Engineer	Office Engineer (F)	Foreman	Skilled Labor	Equipment Operator	Flagman	Unskilled Labor	Surveyor	Car Driver	Office Boy	Guard							
June 1, 2016	4	5	4	4	8	4	4	4	4	9	0	20	0	0	50	4	5	10	24	2.1	4.1	2.5	6.3	5.4	19.3	1.1
June 2, 2016	4	5	4	4	8	4	4	4	4	9	0	40	0	0	40	4	5	10	24	2.1	4.1	5.0	5.0	5.4	20.5	1.1
June 3, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0.0	0.0	0.0	0.0	1.5	1.5	0.0
June 4, 2016	4	5	4	4	8	4	4	4	4	9	0	30	0	0	40	4	5	10	24	2.1	4.1	3.8	5.0	5.375	19.3	1.1
June 5, 2016	4	5	4	4	8	4	4	4	4	9	0	0	0	0	10	4	5	10	24	2.1	4.1	0.0	1.3	5.4	11.8	1.1
June 6, 2016	4	5	4	4	8	4	4	4	4	9	0	0	0	0	40	4	5	10	24	2.1	4.1	0.0	5.0	5.4	15.5	1.1
June 7, 2016	4	4	4	4	8	4	4	4	4	8	0	16	2	0	40	4	4	8	24	2.0	4.0	2.3	5.0	5.0	17.3	1.0
June 8, 2016	4	4	4	4	8	4	4	4	4	8	0	16	0	0	24	4	4	8	24	2.0	4.0	2.0	3.0	5.0	15.0	1.0
June 9, 2016	4	4	4	4	8	4	4	4	4	8	0	16	0	0	32	4	4	8	24	2.0	4.0	2.0	4.0	5.0	16.0	1.0
June 10, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0.0	0.0	0.0	0.0	1.5	1.5	0.0
June 11, 2016	4	4	4	4	8	4	4	4	4	8	0	24	0	0	16	4	4	8	24	2.0	4.0	3.0	2.0	5	15.0	1.0
June 12, 2016	4	4	4	4	8	4	4	4	4	8	0	24	4	0	24	4	4	8	24	2.0	4.0	3.5	3.0	5.0	16.5	1.0
June 13, 2016	4	4	4	4	8	4	4	4	4	8	0	8	0	0	16	4	4	8	24	2.0	4.0	1.0	2.0	5.0	13.0	1.0
June 14, 2016	4	4	4	4	8	4	4	4	4	8	0	8	0	0	24	4	4	8	24	2.0	4.0	1.0	3.0	5.0	14.0	1.0
June 15, 2016	4	4	4	4	8	4	4	4	4	8	0	8	2	0	16	4	4	8	24	2.0	4.0	1.3	2.0	5.0	13.3	1.0
June 16, 2016	4	4	4	4	8	4	4	4	4	8	0	8	0	0	32	4	4	8	24	2.0	4.0	1.0	4.0	5.0	15.0	1.0
June 17, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0.0	0.0	0.0	0.0	1.5	1.5	0.0
June 18, 2016	4	4	4	4	8	4	4	4	4	8	0	0	0	0	32	4	4	8	24	2.0	4.0	0.0	4.0	5	14.0	1.0
June 19, 2016	4	4	4	4	8	4	4	4	4	8	0	8	4	0	32	4	4	8	24	2.0	4.0	1.5	4.0	5.0	15.5	1.0
June 20, 2016	4	4	4	4	8	4	4	4	4	8	0	8	2	0	32	4	4	8	24	2.0	4.0	1.3	4.0	5.0	15.3	1.0
June 21, 2016	4	4	4	4	8	4	4	4	4	8	0	8	0	0	8	4	4	8	24	2.0	4.0	1.0	1.0	5.0	12.0	1.0
June 22, 2016	4	4	4	4	8	4	4	4	4	8	0	0	3	0	32	4	4	8	24	2.0	4.0	0.4	4.0	5.0	14.4	1.0
June 23, 2016	4	4	4	4	8	4	4	4	4	8	0	0	4	0	32	4	4	8	24	2.0	4.0	0.5	4.0	5.0	14.5	1.0
June 24, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0.0	0.0	0.0	0.0	1.5	1.5	0.0
June 25, 2016	4	4	4	4	8	4	4	4	4	8	0	32	4	0	24	4	4	8	24	2.0	4.0	4.5	3.0	5	17.5	1.0
June 26, 2016	4	4	4	4	8	4	4	4	4	8	0	32	1	0	16	4	4	8	24	2.0	4.0	4.1	2.0	5.0	16.1	1.0
June 27, 2016	4	4	4	4	8	4	4	4	4	8	0	32	0	0	8	4	4	8	24	2.0	4.0	4.0	1.0	5.0	15.0	1.0
June 28, 2016	4	4	4	4	8	4	4	4	4	8	0	40	6	0	16	4	4	8	24	2.0	4.0	5.8	2.0	5.0	17.8	1.0
June 29, 2016	4	4	4	4	8	4	4	4	4	8	0	24	7	0	8	4	4	8	24	2.0	4.0	3.9	1.0	5.0	14.9	1.0
June 30, 2016	4	4	4	4	8	4	4	4	4	8	0	0	0	0	0	4	4	8	24	2.0	4.0	0.0	0.0	5.0	10.0	1.0
<b>Total of Month</b>	<b>104.0</b>	<b>109.0</b>	<b>104.0</b>	<b>104.0</b>	<b>208.0</b>	<b>104.0</b>	<b>104.0</b>	<b>104.0</b>	<b>104.0</b>	<b>213.0</b>	<b>0.0</b>	<b>402.0</b>	<b>39.0</b>	<b>0.0</b>	<b>644.0</b>	<b>104.0</b>	<b>109.0</b>	<b>218.0</b>	<b>672.0</b>	<b>52.6</b>	<b>104.6</b>	<b>55.1</b>	<b>80.5</b>	<b>137.9</b>	<b>404.1</b>	<b>26.6</b>

\* Total Man-days = Total Hours / 8

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

**USAID WEST BANK/ GAZA  
INFRASTRUCTURE NEEDS PROGRAM INPII  
CONTRACT NO.: AID-294-I-00-12-00002  
TASK ORDER NO.: AID-294-TO-15-00009  
PROJECT 1: GAZII (Al Berkah)**

**Temporary Job Days Summary Report**

Task Order Name: GAZII - Construction of Reservoirs and Pumping Facilities Package II  
CONTRACTOR: The Morganti Group, Inc.

PERIOD FROM: October 26, 2015  
PERIOD TO: June 30, 2016

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			Male	Female	
October	2015	0.0	25.0	0.0	0.0	2.5	27.5	1.2	25.0	2.5	
November	2015	0.0	132.8	0.0	0.0	14.0	146.8	6.2	133.8	13.0	
December	2015	35.8	120.5	77.4	79.5	22.8	335.9	14.1	320.4	15.5	
January	2016	53.3	114.3	58.9	77.3	213.6	517.3	21.7	490.1	27.3	
February	2016	52.6	120.6	14.3	38.0	224.3	449.8	18.9	421.6	28.1	
March	2016	54.9	144.4	31.8	31.4	254.5	516.9	21.7	486.5	30.4	
April	2016	55.8	140.6	104.0	55.0	233.8	589.1	24.8	561.0	28.1	
May	2016	57.4	136.3	193.8	299.3	243.3	929.9	39.1	907.6	22.3	
June	2016	52.6	131.9	107.8	203.5	223.1	718.9	30.2	692.3	26.6	
July	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
August	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
September	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Sub-Total of FY 2016		362.3	1066.3	587.9	783.9	1431.8	4232.0	177.8	4038.3	193.8	
October	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
November	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
December	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
January	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
February	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
March	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
April	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
May	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
June	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Sub-Total of FY 2017		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Grand Total of FY 2016 & 2017		362.3	1066.3	587.9	783.9	1431.8	4232.0	177.8	4038.3	193.8	

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-15-00009  
 PROJECT 2: GAZII (Ma'an)

**Temporary Job Days Summary Report**

Task Order Name: GAZII - Construction of Reservoirs and Pumping Facilities Package II

PERIOD FROM: October 26, 2015

CONTRACTOR: The Morganti Group, Inc.

PERIOD TO: June 30, 2016

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			Male	Female	
October	2015	0.0	25.0	0.0	0.0	2.5	27.5	1.2	25.0	2.5	
November	2015	0.0	132.8	0.0	0.0	14.0	146.8	6.2	133.8	13.0	
December	2015	35.8	111.5	4.4	4.9	10.3	166.8	7.0	151.3	15.5	
January	2016	54.0	134.4	82.5	92.6	160.6	524.1	22.0	496.9	27.3	
February	2016	52.6	129.4	21.3	82.6	170.8	456.6	19.2	428.5	28.1	
March	2016	55.4	124.4	20.1	34.8	195.5	430.1	18.1	399.8	30.4	
April	2016	53.1	109.4	27.6	41.3	162.5	393.9	16.5	365.8	28.1	
May	2016	57.4	103.8	151.5	133.3	152.5	598.4	25.1	576.1	22.3	
June	2016	52.6	104.6	55.1	80.5	137.9	430.8	18.1	404.1	26.6	
July	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
August	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
September	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Sub-Total of FY 2016		360.9	975.1	362.6	469.9	1006.5	3174.9	133.4	2981.2	193.8	
October	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
November	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
December	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
January	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
February	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
March	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
April	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
May	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
June	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Sub-Total of FY 2017		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Grand Total of FY 2016 & 2017		360.9	975.1	362.6	469.9	1006.5	3174.9	133.4	2981.2	193.8	

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.

# **Annex L – Risk Register Log**

PROBABILITY CATEGORIES			
Description		Prob.	Scale Value
H	Probable	>70%	3
M	Could happen	30-70%	2
L	Improbable	<30%	1

IMPACT CATEGORIES			
Description		Guide Scenario	Scale Value
H	Critical	Impact that involves significant delay, rework, modification or reassessment	3
M	Serious	Impact or setback that causes delay, additional work and reassessment but containable	2
L	Marginal	Impact has some effect causing rework or reassessment but easily handled	1

		PROBABILITY			
		Low/ Improbable	Medium/ Could happen	High/ Probable	
		1	2	3	
IMPACT	High/ Critical	3	3	6	9
	Medium/ Serious	2	2	4	6
	Low/ Marginal	1	1	2	3

	Key/ Critical Risk - Closely monitor, manage & develop fallback plan
	Intermediate Risks- monitor and manage to mitigate
	Minor Risk

<b>Risk Event</b>	What is it that you are working to avoid or reduce the likelihood or impact of occurring? Risk are future events that could interfere with achievement of objectives
<b>Risk Cause</b>	What are the triggers, sources or circumstances that could act alone or together to increase the likelihood of the Risk Event occurring? There are usually multiple causes leading to Risk Event
<b>Risk Impact</b>	If this Risk Event did occur, how would it impact objectives? What are the longer -term or cumulative consequences?
<b>Risk Owner</b>	Who will take the lead on this mitigation?

RISK IDENTIFICATION							RISK ASSESSMENT					RISK RESPONSE			MONOTRING &	
REF	CATEORY	RISK	RISK CAUSE	IMPACT/CO NSE	RAISED BY	DATE RAISED	PROBABILI TY	IMPAC T	RISK RATING	COST IMPACT	SCHEDULE IMPACT	RESPONSE STRATGY	RESPONSE PLAN	RISK OWNER	STATUS	NOTES
1	Mobilization	Delay in delivery of field office equipment. difficulties in finding land for storage yard in Ma'an & office in Al Berkah	Long lead equipment/IT devises not available in country. Limitation of available land in Ma'an and building in Al Berkah	L	TMGI		3	1	3	slightly	Mobilization delay	Mitigated	Provides temporary items. Extra efforts to find storage yard and offices	Morganti	Closed	
2	Design								0							
3	Construction	Delay in project time schedule	Delay in deliver concrete additives and plywood boards	H	TMGI		3	3	9	High Cost Impact	Possible delay in start & finish of construction	To be mitigated	Intensive coordination with Related Authorities	TMGI	In Progress	
4	Owner								0							
5	USAID								0							
6	Contractor								0							
7	External Factors								0							
8	Procurements	Delay of material delivery.	long lead materials are not available in the country. Closure for borders Gramms system impedes the delivery	H	TMGI		3	3	9	High Cost Impact	Delay on Work Progress	To be mitigated	Intensive coordination with Related Authorities	TMGI	In Progress	
9	Skills	Arrival of expertise form out side country	Restrictions of traveling and movement form & to Gaza strip	M	TMGI		2	3	6	Minor	Delay on Work Progress & Work Quality	To be mitigated	Intensive coordination with Related Authorities	TMGI	Studying cases	
10	Resources	Shortage of materials	Closure of border & Siege	M	TMGI		2	3	6	Unknown	Work delay	To be mitigated	Intensive coordination with Related Authorities	TMGI	In Progress	