



**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.  
July, 2016**



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## **Construction Monthly Progress Report**

**Reporting Period: July 1, 2016 – July 31, 2016**

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

### **DISCLAIMER**

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## **MONTHLY PROGRESS REPORT NO. 09**

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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.

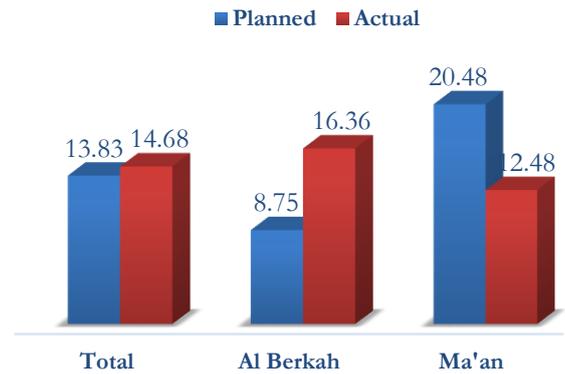
The first area is Al Berkah, located in the Middle Area in Gaza Strip, the Al Berkah project includes the construction of a 3800m<sup>3</sup> ground reservoir and a new Booster Pump Station connected to a new UPVC distribution network with an approximate total length of 2.6 KLM varying in diameter. The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

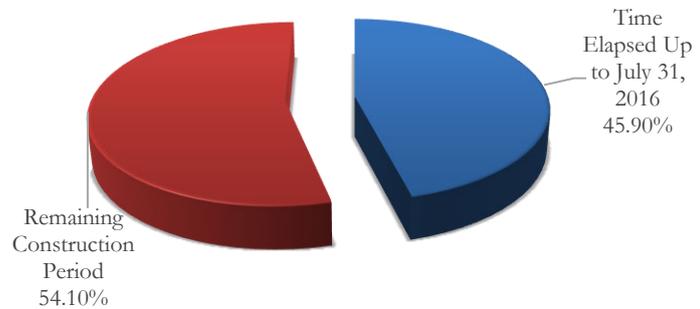
<b>Task Order Name:</b>	Gaza- Construction of Reservoirs and Pumping Facilities Package II
<b>Indefinite Quantity Contract No</b>	AID-294-I-00-12-00002
<b>Task Order No</b>	AID-294-TO-15-00009
<b>Employer</b>	USAID
<b>Contractor</b>	The Morganti Group Inc.
<b>Engineer / CMC</b>	Black & Veatch
<b>Award 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 July 31, 2016</b>	280 Days
<b>Percentage of time elapsed</b>	45.90%
<b>Contractual End Date:</b>	June 26, 2017

### Progress Chart (July 2016)



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

### Time Elapsed Up to July 31, 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)

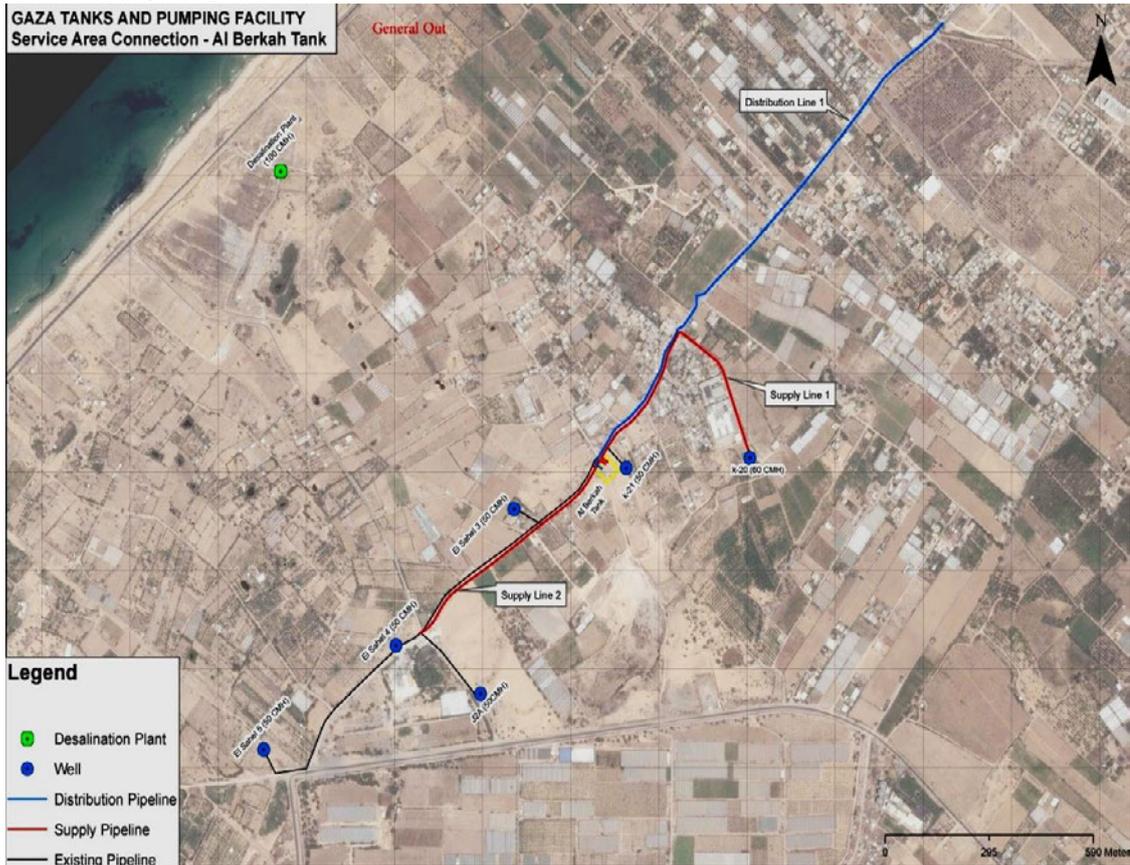
The project consists of the following constructions:

- 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>	8.75 %
<b>Actual Percentage of Completion</b>	16.36 %

### 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)

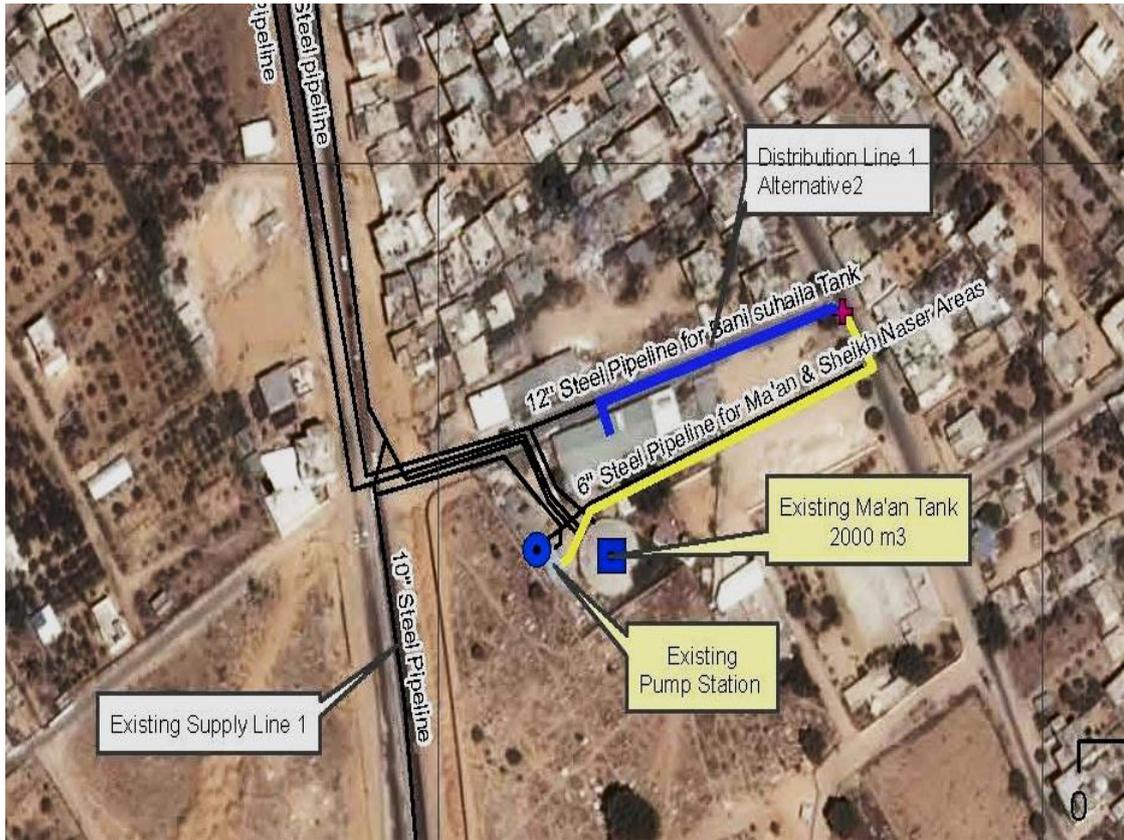
The project consists of the following constructions:

- 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>	20.48 %
<b>Actual Percentage of Completion</b>	12.48 %

### 3.2.4 Project Key Map



### 3.2.5 Vantage Photo



## 4. Safety

Updated Safety Plan was submitted to CMC on July 17, 2016 and approved on July 21, 2016. Heat Stress Posters and CNZ Magazine 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 summary briefs STBM subjects:

#### 4.1.1 Project 01 - Al Berkah

Date	Tool Box Meeting No.	Location	Subject	Brief
July 10, 2016	TBM-15-00009-C-E-025	Construction Site	Fall Protection	<ul style="list-style-type: none"> <li>• SECO gave briefing about work activities for this day and identified the responsibilities for each categories of employee.</li> <li>• The Tool Box Meeting conducted for labors, surveyor &amp; engineers and discussed Fall Protection Subject.</li> <li>• All groups must adhere with safety Roles and procedures during working at height.</li> <li>• Required PPE for each activities and how to wear and use full body harness.</li> </ul>
July 17, 2016	TBM-15-00009-C-E-026	Construction Site	Manual Handling	<ul style="list-style-type: none"> <li>• SECO gave briefing about work activities for this day and identified the responsibilities for each categories of employee.</li> <li>• The Tool Box Meeting conducted for labors, surveyor &amp; engineers and discussed Manual Handling Subject.</li> <li>• Required PPE (Gloves &amp; Safety Shoes) should be worn during lifting and transporting materials and goods.</li> <li>• Considerations for manual handling.</li> <li>• Good Handling Technique.</li> </ul>

#### 4.1.2 Project 02 – Ma'an

Date	Tool Box Meeting No.	Location	Subject	Brief
July 31, 2016	TBM-15-00009-C-E-027	Construction Site	Heat Stress	<ul style="list-style-type: none"> <li>• The Tool Box Meeting conducted for labors, surveyor &amp; engineers and discussed Heat Stress Subject.</li> <li>• Definitions of Heat Stress, Heat exhaustion and Heat Stroke.</li> <li>• Heat exhaustion symptoms.</li> <li>• First Aid for heat exhaustion and heat stroke</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) to CMC on July 17, 2016 and approved on July 21, 2016.

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 June 2016 and Morganti amended and closed CMC observations and remarks.

Item No.	Item	Remarks by CMC	Action by Contractor	Status
1.3	Air Quality Control: Dust and sand emissions are minimized	Unsafe equipment in bad condition used onsite	The mentioned compactor was replaced, backfilling activities is completed	Closed
1.8	Safety Procedures are in place for all that are applicable: Scaffolding, towers, and platforms; excavation; existing underground and above ground facilities; portable electromechanical tools; vehicles and transportation equipment; ladder use; confined space entry; and lockout/tag out	Proper scaffolding not available onsite	Steel barrels were removed and ladders/ scaffolding will be used for working at height	Closed
4.2	Implement safety measures to protect workers, public (vehicular and pedestrian) from possible injury and adjacent property from damage.	Unsafe equipment used onsite	cover of pump's fan was installed	Closed

#### 5.1.2 Project 02 – Ma'an

Environmental Check list was received from CMC for the month of June 2016, with no comments or observations.

## 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 Traffic control plan. 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 Traffic control plan. 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.

- No activities during this monthly period.

### 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.

- No activities during this monthly period.

## 8. Risk Management, Mitigation Measures

Construction Risk Management Program (CRMP) was updated and submitted to CMC on July 17, 2016 and Approved on July 21, 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

Four meetings were held during July 2016:

Coordination Meeting				
Date	Attendees	Subject	Description	Location
July 11, 2016	BV, TMGI and SAK	Coordination Meeting # 022	To Discuss Pending Submittals	GAZI AL-Atatrah Primary office
July 19, 2016	USAID, BV & TMGI	Coordination Meeting # 023	To Discuss Pumps and Control Valve Submittals	Conference Call
July 26, 2016	USAID, BV, TMGI & SAK	Coordination Meeting # 024	To Discuss VOR-14 (Modified Layout for Ma'an No.02 Reservoir)	GAZI AL-Atatrah Primary office
July 26, 2016	USAID, BV, TMGI & SAK	Progress Meeting No. 09	To Review Progress of Work, Discuss Project Issues & Provide Solutions where Required.	GAZI AL-Atatrah Primary office

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>				
July 13, 2016	12:00 PM	Eng. Mariam Amro	USAID	
July 18, 2016	11:00 AM	Eng. Majid Hamouda	CEC	
	11:00 AM	Eng. Mahmoud Ismail	CEC	
July 20, 2016	11:00 AM	Eng. Mariam Amro	USAID	
<b>Project 02: Ma'an</b>				
July 20, 2016	11:00 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 reinforcement, electrical & mechanical installation and casting concrete for the guard house walls.
- c. Formwork, steel reinforcement, electrical & mechanical installation and casting for first level of reservoir's walls.
- d. Formwork and steel reinforcement for first level of reservoir's columns.
- e. Casting blinding concrete for Electrical & Control Room.
- f. Formwork, steel reinforcement and casting concrete for Electrical & Control building foundation.
- g. Install and concrete encasement for the drain pipe under disinfection building.
- h. Formwork, steel reinforcement and electrical installation for electrical and control building trench.
- i. Scaffolding installation inside reservoir.
- j. Compacting and leveling sand layer under concrete blinding layer of disinfection building.
- k. Formwork and casting concrete blinding of disinfection building.
- l. Formwork and steel reinforcement for disinfection building foundation.

#### 13.2 Project 02 - Ma'an

- a. Continue preparing and submitting the construction submittals.
- b. Demolishing works for the existing room.
- c. Surveying works for the electrical and control and disinfection building.
- d. Excavation, backfilling with selected material in layers and compaction under disinfection building.
- e. Excavation, backfilling with selected material in layers and compaction under electrical & control building.
- f. Formwork, steel reinforcement and casting concrete encasement around existing steel pipes under disinfection building.
- g. Formwork and casting concrete blinding of electrical & control building.
- h. Formwork for Electrical & Control building foundation.

### 14. Planned Activities for Next Month

#### 14.1 Project 01 - Al Berkah

The following are the main activities planned for next month:

- a. Continue preparing and submitting the construction submittals.
- b. Casting concrete for the Disinfection building foundation.
- c. Formwork, steel reinforcement and casting for the Disinfection building slab on grade.
- d. Formwork, steel reinforcement and casting for the Disinfection building walls.
- e. Formwork, steel reinforcement and casting for the Guard House slab on grade, interior walls and roof slab.
- f. Formwork, steel reinforcement and casting for the Electrical & Control Room foundation and walls.
- g. Formwork, steel reinforcement and casting for the second level of reservoir walls.
- h. Casting concrete for first level of reservoir's columns.
- i. Formwork, steel reinforcement and casting for second level of reservoir's columns.

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. Formwork and casting the plain concrete for the disinfection building.
- c. Formwork, steel reinforcement and casting the disinfection building foundation.
- d. Formwork, steel reinforcement and casting for the Disinfection building slab on grade.
- e. Formwork, steel reinforcement and casting for the Disinfection building walls.
- f. Formwork, steel reinforcement, mechanical & electrical installation and casting for the electrical & control building foundation and ditches.
- g. Formwork, steel reinforcement and casting for the Electrical & Control Room foundation and walls.

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	4,232.1	4,038.3	193.8
Actual during this reporting period	873.70	847.80	25.90
Total actual	5105.80	4886.10	219.70

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

	Total number (Person Days)	Male	Female
		No.	No.
Target	15,250	13,801	1,449
Actual Previously	3,175	2,981.2	193.8
Actual during this reporting period	325.50	300.60	24.90
Total actual	3,500.50	3,281.80	218.70

## 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	23
Accumulated Working Days	232
Total No. of non-working days (Holidays and weekends) during this reporting Period	8
Accumulated non-working days (Holidays and weekends)	43
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	23
Accumulated Working Days	232
Total No. of non-working days (Holidays and weekends) during this reporting Period	8
Accumulated non-working days (Holidays and weekends)	43
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, Mechanical Installation and Formwork system were delivered to the site.

for more details, refer to Annex A

### 17.2 Project 02 – Ma'an

Ready Mix Concrete were delivered to the site,

for more details, refer to Annex A

## 18. Site Memos

### 18.1 Project 01 – Al Berkah

Two Record of Non Quality Compliance and one site instruction received from engineer 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 Record of Non Quality Compliance and one site instruction received from engineer 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, Ball Valve, Check valves were purchased on July 1, 2016 and the expected delivery time from Germany is about 6 weeks

### 19.2 Project 02 – Ma'an

List of some Civil, Mechanical, Electrical Material are prepared to be ordered, Ball Valve, Check valves were purchased on July 1, 2016 and the expected delivery time from Germany is about 6 weeks

## 20. Inspection Requests:

### 20.1 Project 01- Al Berkah:

Forty-Nine 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:

Ten 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.

TMGI submitted a response on SM issued by CMC on June 6, 2016 regarding fresh concrete temperature for Al Berkah reservoir foundation. CMC accepted the 28-Days compressive strength results.

## 22. Testing:

### 22.1 Project 01- Al Berkah:

Compaction tests and concrete compressive test were conducted.

for more information, please refer to Annex H

### 22.2 Project 02- Ma'an:

Compaction tests and concrete compressive 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 36 submittals and received 41 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)	186
2	B (Exceptions Noted)	73
3	C (Returned for Correction)	198
4	D (Not Acceptable)	20
5	E (Record Copy)	33
6	Retracted	7
7	Under Review	12
	<b>Total</b>	<b>529</b>

#### Submittals during this monthly report:

Monthly Submittals		
No.	Status	Submittals
1	A (No Exceptions)	10
2	B (Exceptions Noted)	6
3	C (Returned for Correction)	8
4	D (Not Acceptable)	0
5	E (Record Copy)	0
6	Retracted	0
7	Under Review	12
	<b>Total</b>	<b>36</b>

### 23.2 Project 02- Ma'an:

During this reporting period TMGI submitted 39 submittals and received 43 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)	186
2	B (Exceptions Noted)	71
3	C (Returned for Correction)	195
4	D (Not Acceptable)	20
5	E (Record Copy)	32
6	Retracted	9
7	Under Review	12
	<b>Total</b>	<b>525</b>

**Submittals during this monthly report:**

Submittals Summary		
No.	Status	Submittals
1	A (No Exceptions)	11
2	B (Exceptions Noted)	7
3	C (Returned for Correction)	8
4	D (Not Acceptable)	0
5	E (Record Copy)	0
6	Retracted	1
7	Under Review	12
	<b>Total</b>	<b>39</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 three 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 three RFIs.

For more information, please refer to Annex I.

**25. Transmittals**
**25.1 Correspondence with USAID**

Date.	Transmittal No.	Corresponding from /To	Subject
July 5, 2016	By Email	TMGI/ USAID	Saqqa & Khoudary - Vetting Request- Renewal
July 5, 2016	By Email	TMGI/ USAID	Vetting Request : Balass Brothers limited Company - Pumps Supplier
July 19, 2016	By Email	USAID/ TMGI	Construction Monthly Progress Report No. 08 June , 2016
July 25, 2016	By Email	TMGI/ USAID	Epoxy Material Entry to Gaza
July 25, 2016	By Email	USAID/ TMGI	RE: Epoxy Material Entry to Gaza
July 25, 2016	By Email	TMGI/ USAID	Vetting Request: Al Qaood Company for general trade and contracting
July 26, 2016	By Email	USAID/ TMGI	Monthly Progress Reports - GAZI & GAZII
July 28, 2016	By Email	TMGI/ USAID	Variation Order #01 - for Morganti Signature
July 30, 2016	By Email	TMGI/ USAID	Site Memo No. 018 _ Sent
July 30, 2016	By Email	USAID/ TMGI	TO 15-00009 GAZII: Site Memo No. 018 _ Sent

**25.2 Correspondence with CMC**

Date.	Transmittal No.	Corresponding from /To	Subject
July 5, 2016	By Email	BV / TMGI	GAZA I * II Transformer VOR - 441- cable 4x120
July 5, 2016	By Email	TMGI/BV	RE: GAZA I * II Transformer VOR - 441- cable 4x120
July 5, 2016	By Email	TMGI/BV	B&V Response to Generators' VORs - Rev C
July 5, 2016	By Email	TMGI/BV	Expedite the CMC review comments
July 5, 2016	By Email	TMGI/BV	RE: GAZA I * II Transformer VOR - 441- cable 4x120
July 10, 2016	By Email	BV / TMGI	RE: GAZA I * II Transformer VOR - 441- cable 4x120
July 10, 2016	By Email	TMGI/BV	RE: GAZA I * II Transformer VOR - 441- cable 4x120
July 13, 2016	By Email	BV / TMGI	RE: GAZA I * II Transformer VOR - 441- cable 4x120
July 13, 2016	By Email	TMGI/BV	RE: GAZA I * II Transformer VOR - 441- cable 4x120
July 14, 2016	By Email	BV / TMGI	RE: GAZA I * II Transformer VOR - 441- cable 4x120
July 14, 2016	By Email	TMGI/BV	RE: GAZA I * II Transformer VOR - 441- cable 4x120
July 17, 2016	By Email	BV / TMGI	GAZA Submittals
July 17, 2016	By Email	TMGI/BV	RE: GAZA Submittals
July 20, 2016	By Email	TMGI/BV	Variation Order #01 - for Morganti Signature
July 20, 2016	By Email	TMGI/BV	Visit to Nidco company (Gaza Pump's Maintenance representative)
July 21, 2016	By Email	BV / TMGI	Submittals Log up to July 20, 2016
July 20, 2016	By Email	TMGI/BV	RE: Submittals Log up to July 20, 2016
July 25, 2016	By Email	BV / TMGI	Ma'an VOR Discussion
July 25, 2016	By Email	TMGI/BV	RE: Ma'an VOR Discussion
July 27, 2016	By Email	BV / TMGI	VOR 14-B VOR Discussion (Ma'an)
July 28, 2016	By Email	TMGI/BV	RE: VOR 14-B VOR Discussion (Ma'an)

**25.3 Transmittals from Contractor to CMC**

Contractors – Engineer	Description	Classification	Issued Date	Response Date
<b>TRS-15-00009-GAZII-C-E-154</b>	Compaction test for backfilling layer in construction site as shown in attached drawing	TEST	July 03, 2016	July 04, 2016
	Compaction test for backfilling layer in construction site as shown in attached drawing		July 03, 2016	July 04, 2016
	Al Berkah Coordination study-Electrical	SUB	July 03, 2016	July 17, 2016
	Filter Fabric (Geotextile) – with sample		July 03, 2016	July 18, 2016
	Aluminum Rails		July 03, 2016	July 14, 2016
	CMU Veneer Walls	RFI	July 03, 2016	July 26, 2016
<b>TRS-15-00009-GAZII-C-E-155</b>	Increase the Generator Capacity of Ma'an Site to an upgraded Gen P500	VOR	July 03, 2016	July 04, 2016
	Compressive Strength for 28 days of 35 MPa Concrete for Al Berkah reservoir foundation.	TEST	July 03, 2016	July 04, 2016
<b>TRS-15-00009-GAZII-C-E-156</b>	Electromagnetic Flowmeters	RFI	July 03, 2016	July 18, 2016
<b>TRS-15-00009-GAZII-C-E-157</b>	Pressure Switch- Mechanical	SUB	July 04, 2016	June 22, 2016
	Pressure Sustaining Control valve		July 04, 2016	June 16, 2016
<b>TRS-15-00009-GAZII-C-E-158</b>	Compressive Strength for 28 days of 35 MPa Concrete for Al Berkah reservoir foundation	TEST	July 10, 2016	July 13, 2016
	Compressive Strength for 28 days of 30 MPa Concrete for Al Berkah RW (walls) for part (E) of segment (1-2).		July 10, 2016	July 11, 2016
	Compressive Strength for 7 days of 14 MPa Concrete for the plain concrete of Al Berkah Electrical & Control Room		July 10, 2016	July 11, 2016
	Compressive Strength for 28 days of 30 MPa Concrete for Ma'an RW walls Segment 6-6A Parts (A, C)		July 10, 2016	July 11, 2016
	Compressive Strength for 7 days of 35 MPa Concrete for Al Berkah Guard House Foundation		July 10, 2016	July 11, 2016
	Compressive Strength for 28 days of 30 MPa Concrete for Ma'an RW (Wall) part (B) of segment (6-6A) and part (A) of segment (6-6B).		July 10, 2016	July 11, 2016
	Fire Alarm System for Guard House, Disinfection Building and Electrical & Control Building at Al Berkah Project.	VOR	July 10, 2016	Under Review
	Fire Alarm System for Disinfection Building and Electrical & Control Building at Ma'an Project.		July 10, 2016	Under Review
<b>TRS-15-00009-GAZII-C-E-159</b>	Fire Alarm System- Electrical	SUB	July 12, 2016	July 20, 2016
	VFD SIEMENS -Alternative		July 12, 2016	July 20, 2016
	Precast Manhole 1.50×1.50 m - Shop Drawing		July 12, 2016	July 26, 2016
	Al Berkha Site Layout – Electrical Shop Drawing		July 12, 2016	July 25, 2016
	PP-R Pipe for Disinfection Building		July 12, 2016	July 13, 2016
	Reservoir Sponge Rubber Sample for the Joint to be between Wall and Roof Slab – With Sample		July 12, 2016	July 13, 2016
	Flange Adapter for Exist UPVC Pipes		July 12, 2016	July 13, 2016
	Steel Pipes for Network Line Changers		July 12, 2016	July 17, 2016
<b>TRS-15-00009-GAZII-C-E-160</b>	Expandable Water Stop Adhesive - With Sample	SUB	July 14, 2016	July 18, 2016

Contractors – Engineer	Description	Classification	Issued Date	Response Date
	Corrective Plan for the Noncompliance of Concrete Strength 28-day, Placed at Ma'an Reservoir Foundation.		July 12, 2016	July 25, 2016
<b>TRS-15-00009-GAZII-C-E-161</b>	Replace Pad-Mount Transformer by Pole Mount Transformer For Al Berkah Project	VOR	July 17, 2016	July 17, 2016
	Replace Pad-Mount Transformer by Pole Mount Transformer For Ma'an Project		July 17, 2016	July 17, 2016
	Base Coarse Test Report Enbi Ha Negev Ha Ma'arb Ltd. Company – Trial 1	TEST	July 17, 2016	July 19, 2016
	Ma'an 3800 m3 Reservoir -Mechanical Shop Drawing	SUB	July 17, 2016	July 31, 2016
	Maan Coordination study-Electrical		July 17, 2016	July 26, 2016
	Updated Environmental Monitoring & Mitigation Plan (June, 2016)		July 17, 2016	July 21, 2016
	Updated Construction Risk Management Program (CRMP) up to June 2016		July 17, 2016	July 21, 2016
	Updated Safety Plan up to June 2016		July 17, 2016	July 21, 2016
Submittal Schedule Monthly Update of June, 2016	July 17, 2016	July 21, 2016		
<b>TRS-15-00009-GAZII-C-E-162</b>	Modified Layout for Ma'an No.02 Reservoir	VOR	July 17, 2016	July 19, 2016
<b>TRS-15-00009-GAZII-C-E-163</b>	Warning Tape-Water Pipelines	SUB	July 18, 2016	July 25, 2016
	Updated CPM Schedule Submittal June 30, 2016		July 18, 2016	July 27, 2016
	Lighting Fixture -Alternative II		July 18, 2016	July 26, 2016
	Galvanized Steel Pipes for Ventilation		July 18, 2016	July 24, 2016
<b>TRS-15-00009-GAZII-C-E-164</b>	Compressive Strength for 28 days of 14 MPa Concrete for the blinding of Al Berkah Guard House	TEST	June 19, 2016	July 21, 2016
	Epoxy Coating Material - Nitoflor FC130	SUB	June 19, 2016	July 31, 2016
	Epoxy Coating Material - Nitoflor FC150		June 19, 2016	July 31, 2016
	Modified Layout for Ma'an No.02 Reservoir.	VOR	June 19, 2016	July 31, 2016
<b>TRS-15-00009-GAZII-C-E-165</b>	Fire Alarm System- Electrical	SUB	July 24, 2016	Under Review
	Al Berkah vertical booster pump & motors - Alternative		July 24, 2016	Under Review
	Maan vertical booster pump & motors - Alternative		July 24, 2016	Under Review
	Flange Adapter for Exist UPVC Pipes		July 24, 2016	Under Review
	Al Berkah Fence – Shop Drawing		July 24, 2016	Under Review
<b>TRS-15-00009-GAZII-C-E-166</b>	Compressive Strength for 7 days of 35 MPa Concrete for the foundation of Al Berkah Electrical and Control Room	TEST	July 25, 2016	July 26, 2016
	Float Control Valve ( Al Berkah )	SUB	July 25, 2016	Under Review
	Float Control Valve ( Ma'an )		July 25, 2016	July 28, 2016
	Pressure Reducing Valve		July 25, 2016	Under Review
	Al Berkah Coordination Study-Electrical		July 25, 2016	Under Review
Ma'an Site Layout – Electrical Shop Drawing	July 25, 2016		Under Review	
<b>TRS-15-00009-GAZII-C-E-167</b>	Corrective Plan for the Noncompliance of Concrete Strength 28-day, Placed at Ma'an Reservoir Foundation.	SUB	July 26, 2016	July 27, 2016
<b>TRS-15-00009-GAZII-C-E-168</b>	Compressive Strength for 7 days of 35 MPa Concrete for the Al Berkah Guard House walls	TEST	July 27, 2016	Under Review
	Compressive Strength for 28 days of 35 MPa Concrete for Al Berkah Guard House Foundation		July 27, 2016	Under Review

Contractors – Engineer	Description	Classification	Issued Date	Response Date
<b>TRS-15-00009-GAZII-C-E-169</b>	Ma'an Pipeline Shop Drawing	SUB	July 28, 2016	Under Review
	Maan Coordination study-Electrical		July 28, 2016	Under Review
	Al Berkah pipeline Shop Drawing		July 28, 2016	Under Review
	Precast Manhole 1.50×1.50 m - Shop Drawing		July 28, 2016	Under Review
	Lighting Fixture -Alternative II		July 28, 2016	Under Review
	Ma'an Transformer -400KVA		July 28, 2016	Under Review
	PP-R Pipe for Disinfection Building- Pilsa		July 28, 2016	Under Review
	Compressive Strength for 7 days of 35 MPa Concrete for quarters (B) of the first layer for the Al Berkah reservoir's walls	TEST	July 28, 2016	Under Review
<b>TRS-15-00009-GAZII-C-E-170</b>	Compressive Strength for 7 days of 35 MPa Concrete for quarters (A) of the first layer for the Al Berkah reservoir's walls	TEST	July 31, 2016	Under Review
	Compaction test for the subgrade layer under Ma'an Electrical and Control Building		July 31, 2016	Under Review
	Compaction test for the backfilling layer under Ma'an Electrical and Control Building		July 31, 2016	Under Review
	Compressive Strength for 28 days of 14 MPa Concrete for Al Berkah Electrical and Control Building blinding		July 31, 2016	Under Review
	Operator Laptop- PLC	SUB	July 31, 2016	Under Review
	Modified Layout for Ma'an No.02 Reservoir	VOR	July 31, 2016	Under Review

#### 25.4 Transmittals from CMC to Contractor

Engineers – Contractor	Description	Classification	Submitting Date
<b>TRS-15-00009-GAZII-E-C-153</b>	<ol style="list-style-type: none"> <li>VFD SIEMENS - Alternative</li> <li>Updated Environment Monitoring &amp; Mitigation Plan (May, 2016)</li> </ol>	SUB	July 03, 2016
<b>TRS-15-00009-GAZII-E-C-154</b>	<ol style="list-style-type: none"> <li>Ultrasonic Level Transmitters</li> <li>Precast Manhole 1.50 x 1.50 m - Shop Drawing</li> <li>Al Berkah Site Layout - Electrical Shop Drawing</li> <li>PP-R Pipe for Disinfection Building</li> <li>Heat Shrinkable Sleeves &amp; Tapes for Pipes</li> <li>Reservoir Spools Formwork Shop Drawing &amp; Calculation Sheets</li> </ol>	SUB	July 03, 2016
<b>TRS-15-00009-GAZII-E-C-155</b>	<ol style="list-style-type: none"> <li>Concrete Ready- Mix Design for D1(21MPa)</li> <li>Operation and Maintenance Manuals for Equipment and System (Table of Content)</li> <li>Harness Mechanical Coupling for Pump Discharge</li> </ol>	SUB	July 03, 2016
<b>TRS-15-00009-GAZII-E-C-156</b>	<ol style="list-style-type: none"> <li>Compaction Test for Backfilling Layer in Construction Site as Shown in Attached Drawing</li> <li>Compressive Strength for 28 Days of 35 MPa Concrete for Ma'an Reservoir Foundation</li> <li>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)</li> <li>Compressive Strength for 28 Days of 35 MPa Concrete for Al Berkah Reservoir Foundation</li> </ol>	TEST	July 04, 2016
<b>TRS-15-00009-GAZII-E-C-157</b>	<ol style="list-style-type: none"> <li>Environmental Checklist for Al Berkah June 2016</li> <li>Environmental Checklist for Ma'an June 2016</li> </ol>	ECL	July 04, 2016

	3. Increase Generator Capacity of Ma'an Site to an Upgraded Gen P500	VOR	
	4. Compaction Test for Backfilling Layer in Construction Site as Shown in Attached Drawing	TEST	
	5. Daily Joint Reports from June 28, 2016 to June 30, 2016	DJR	
<b>TRS-15-00009-GAZII-E-C-158</b>	<ol style="list-style-type: none"> <li>Compressive Strength for 28 Days of 30 MPa Concrete for Al Berkah RW (Walls) for Part (E) of Segment (1-2).</li> <li>Compressive Strength for 7 Days of 14 MPa Concrete for the Plain Concrete of Al Berkah Electrical &amp; Control Room</li> <li>Compressive Strength for 28 Days of 30 MPa Concrete for Ma'an RW Walls Segment 6-6A Parts (A, C)</li> <li>Compressive Strength for 7 Days of 35 MPa Concrete for Al Berkah Guard House Foundation</li> <li>Compressive Strength for 28 Days of 30 MPa Concrete for Ma'an RW (Wall) Part (B) of Segment (6-6A) and Part (A) of Segment (6-6B)</li> </ol>	TEST	July 11, 2016
<b>TRS-15-00009-GAZII-E-C-159</b>	<ol style="list-style-type: none"> <li>Float Control Valve (Al Berkah)</li> <li>Float Control Valve (MAAN)</li> <li>Pressure Reducing Valve</li> <li>Al Berkah Vertical Booster Pump &amp; Motors - Alternative</li> <li>Ma'an Vertical Booster Pump &amp; Motors - Alternative</li> </ol>	SUB	July 12, 2016
<b>TRS-15-00009-GAZII-E-C-160</b>	1. Compressive Strength for 28 Days of 35 MPa Concrete for Al Berkah Reservoir Foundation	TEST	July 13, 2016
	2. PP-R Pipe for Disinfection Building	SUB	
<b>TRS-15-00009-GAZII-E-C-161</b>	<ol style="list-style-type: none"> <li>Pressure Sustaining Control Valve</li> <li>Method Statement for Internal Epoxy Coating for Steel Pipes Inside Chambers</li> <li>Method Statement for Repairing Pipes Cement Mortar</li> <li>Reservoir Sponge Rubber Sample for the Joint to Between Wall and Roof Slab - with Sample</li> <li>Flange Adapter for Exist UPVC Pipes</li> </ol>	SUB	July 13, 2016
	6. Daily Joint Reports from July 01, 2016 to July 12, 2016	DJR	
<b>TRS-15-00009-GAZII-E-C-162</b>	1. Aluminum Rails	VOR	July 14, 2016
<b>TRS-15-00009-GAZII-E-C-163</b>	1. Al Berkah Coordination Study-Electrical	SUB	July 17, 2016
	2. Daily Joint Report for July 13, 2016	DJR	
<b>TRS-15-00009-GAZII-E-C-164</b>	<ol style="list-style-type: none"> <li>Replace Pad-Mount Transformer by Pole Mount Transformer for Al Berkah Project</li> <li>Replace Pad-Mount Transformer by Pole Mount Transformer for Ma'an Project</li> </ol>	VOR	July 17, 2016
	3. Steel Pipes for Network Line Chambers	DJR	
<b>TRS-15-00009-GAZII-E-C-165</b>	1. Filter Fabric (Geotextile)-with Sample	SUB	July 18, 2016
<b>TRS-15-00009-GAZII-E-C-166</b>	<ol style="list-style-type: none"> <li>Electromagnetic Flowmeters</li> <li>Expandable Water Stop Adhesive -with Sample</li> </ol>	RFI SUB	July 18, 2016

<b>TRS-15-00009-GAZII-E-C-167</b>	1. Base Coarse Test Report Enbi Ha Negev Ha Ma'arb Ltd. Company - Trial 1	TEST	July 19, 2016
<b>TRS-15-00009-GAZII-E-C-168</b>	1. Fire Alarm System-Electrical 2. Pressure Switch – Mechanical 3. Electromagnetic Flow Meter - Alternative 4. VFD SIEMENS - Alternative	SUB	July 20, 2016
<b>TRS-15-00009-GAZII-E-C-169</b>	1. Compressive Strength for 28 Days of 14 MPa Concrete for the Blinding of Al Berkah Guard House	TEST	July 21, 2016
<b>TRS-15-00009-GAZII-E-C-170</b>	1. Updated Environment Monitoring & Mitigation Plan (June, 2016) 2. Updated Construction Risk Management Program (CRMP) up to June 2016 3. Updated Safety Plan up to June 2016 4. Submittal Schedule Monthly Update of June, 2016	SUB	July 21, 2016
<b>TRS-15-00009-GAZII-E-C-171</b>	1. Galvanized Steel Pipes for Ventilation	SUB	July 24, 2016
	2. Daily Joint Reports from July 14, 2016 to July 19, 2016	DJR	
<b>TRS-15-00009-GAZII-E-C-172</b>	1. Warning Tape-Water Pipelines- Warning Tape(Sample)	SUB	July 25, 2016
	2. Daily Joint Reports from July 20, 2016 to July 23, 2016	DJR	
<b>TRS-15-00009-GAZII-E-C-173</b>	1. Al Berkah Site Layout - Electrical Shop Drawing 2. Corrective Plan for the Noncompliance of Concrete Strength 28- Day, Placed at Ma'an Reservoir Foundation	SUB	July 25, 2016
<b>TRS-15-00009-GAZII-E-C-174</b>	1. CMU Veneer Walls	RFI	July 26, 2016
	2. Compressive Strength for 7 Days of 35 MPa Concrete for the Foundation of Al Berkah Electrical and Control Room	TEST	
	3. Precast Manhole 1.50 x 1.50 m - Shop Drawing	SUB	
	4. Lighting Fixture -Alternative II	SUB	
<b>TRS-15-00009-GAZII-E-C-175</b>	1. Exterior Gate at Al Berkah Project 2. Exterior Gate at Ma'an Project	RFI	July 26, 2016
<b>TRS-15-00009-GAZII-E-C-176</b>	1. Ma'an Coordination Study-Electrical	SUB	July 26, 2016
	2. Daily Joint Reports for July 24, 2016 & July 25, 2016	DJR	
<b>TRS-15-00009-GAZII-E-C-177</b>	1. Corrective Plan for the Noncompliance of Concrete Strength 28- Day, Placed at Ma'an Reservoir Foundation 2. Updated CPM Schedule Submittal June 30, 2016	SUB	July 27, 2016
<b>TRS-15-00009-GAZII-E-C-178</b>	1. Epoxy Coating Material - Nitoflor FC130 2. Epoxy Coating Material - Nitoflor FC150	SUB	July 31, 2016
<b>TRS-15-00009-GAZII-E-C-179</b>	1. Ma'an 3800 m3 Reservoir – Mechanical Shop Drawing	SUB	July 31, 2016

## 26. Task Order General Statistics

NO.	Description	Quantity
1	Shop drawings Submittals	137
2	Material Submittals	341
3	Preconstruction Submittals	56
4	Total Submittals	587
5	QC Submittals	126
6	RFI	27
7	IR (Al Berkah)	153
8	IR (Ma'an)	61

## 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 \$	-	28,611.90 \$	July 05, 2016
	BER	June 29, 2016	175,149.00 \$	-	175,149.00 \$	July 05, 2016

## 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

VOR No.	Description	Cost (\$)	Time (Calendar Day)	Status
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
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
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
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
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.
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
VOR-15-00009-GAZII-003-A	Use of Steel Mini Guard in lieu of Concrete New Jersey Barriers during trench excavation, pipe laying and backfilling operations.	\$ -	0	To submit price comparison analysis
VOR-15-00009-GAZII-003-B	Use of Steel Mini Guard in lieu of Concrete New Jersey Barriers during trench excavation, pipe laying and backfilling operations.	\$ -	0	To re-submit the VOR taking into consideration last response
VOR-15-00009-GAZII-003-C	Use of Steel Mini Guard in lieu of Concrete New Jersey Barriers during trench excavation, pipe laying and backfilling operations.	\$ -	0	Noted
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
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
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
VOR-15-00009-GAZII-005-A	GFCI Receptacle	\$ -	0	Noted
VOR-15-00009-GAZII-006-A	Al Berkah Retaining Wall as SM # 2	\$ 48,265.10	0	Noted with comments
<del>VOR-15-00009-GAZII-006-B</del>	<del>Al Berkah Retaining Wall as SM # 2</del>	<del>\$ 48,265.10</del>	<del>0</del>	<del>Retracted</del>
VOR-15-00009-GAZII-006-B	Al Berkah Retaining Wall as SM # 2	\$ 49,413.20	0	Noted with comments
VOR-15-00009-GAZII-006-C	Al Berkah Retaining Wall as SM # 2	\$ 47,104.40	0	Noted
VOR-15-00009-GAZII-007-A	Use of PE pipe PN12.5 instead of PVC-U pipe PN16	\$ -	0	Prices is to revise
VOR-15-00009-GAZII-007-B	Use of PE pipe PN12.5 instead of PVC-U pipe PN16	\$ -	0	Noted with comments
VOR-15-00009-GAZII-007-C	Use of PE pipe PN12.5 instead of PVC-U pipe PN16	\$ -	0	Noted
VOR-15-00009-GAZII-008-A	Soil Replacement under Ma'an Reservoir and Backfilling under Al berkah Reservoir	\$ -	0	to provide cost analysis
VOR-15-00009-GAZII-008-B	Soil Replacement under Ma'an Reservoir and Backfilling under Al berkah Reservoir	\$ -	0	Noted
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
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
VOR-15-00009-GAZII-010-A	Impact of Walkthrough for Maan Distribution Pipeline.	\$ 4,394.80	0	Response
VOR-15-00009-GAZII-010-B	Impact of Walkthrough for Maan Distribution Pipeline.	\$ 9,794.80	0	to provide supporting document
VOR-15-00009-GAZII-010-C	Impact of Walkthrough for Maan Distribution Pipeline.	\$ (13,485.20)	0	Noted
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

VOR No.	Description	Cost (\$)	Time (Calendar Day)	Status
VOR-15-00009-GAZII-011-B	Replace Pad-Mount Transformer by Pole Mount Transformer For Al Berkah Project	\$ 76,250.00	21	Noted & to Revise
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
VOR-15-00009-GAZII-011-D	Replace Pad-Mount Transformer by Pole Mount Transformer For Al Berkah Project	\$ 71,367.00	21	Noted
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
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
VOR-15-00009-GAZII-012-C	Replace Pad-Mount Transformer by Pole Mount Transformer For Maan Project	\$ 95,555.00	21	Price is high
VOR-15-00009-GAZII-012-D	Replace Pad-Mount Transformer by Pole Mount Transformer For Maan Project	\$ 92,370.00	21	Noted
<del>VOR-15-00009-GAZII-013-A</del>	<del>Increase the Generator Capacity of Ma'an Site to an upgraded Gen P500</del>	<del>\$ 40,000.00</del>	<del>0</del>	<del>Retracted</del>
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
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
<del>VOR-15-00009-GAZII-013-C</del>	<del>Increase the Generator Capacity of Ma'an Site to an upgraded Gen P500</del>	<del>\$ 50,000.00</del>	<del>0</del>	<del>Retracted</del>
<del>VOR-15-00009-GAZII-013-C</del>	<del>Increase the Generator Capacity of Ma'an Site to an upgraded Gen P500</del>	<del>\$ 45,000.00</del>	<del>0</del>	<del>Retracted</del>
VOR-15-00009-GAZII-013-C	Increase the Generator Capacity of Ma'an Site to an upgraded Gen P500	\$ 45,000.00	0	Noted
VOR-15-00009-GAZII-014-A	Modified Layout for Ma'an No.02 Reservoir	\$ 86,354.70	45	Price is high
<del>VOR-15-00009-GAZII-014-B</del>	<del>Modified Layout for Ma'an No.02 Reservoir</del>	<del>\$ 46,062.70</del>	<del>45</del>	<del>Retracted</del>
<del>VOR-15-00009-GAZII-014-B</del>	<del>Modified Layout for Ma'an No.02 Reservoir</del>	<del>\$ 28,792.70</del>	<del>45</del>	<del>Retracted</del>
VOR-15-00009-GAZII-014-B	Modified Layout for Ma'an No.02 Reservoir	\$ 23,463.70	45	Under Review
VOR-15-00009-GAZII-015-A	Fire Alarm System for Guard House, Disinfection Building and Electrical & Control Building at Al Berkah Project.	\$ 4,134.00	0	Under Review
VOR-15-00009-GAZII-016-A	Fire Alarm System for Disinfection Building and Electrical & Control Building at Ma'an Project.	\$ 1,951.00	0	Under Review

### 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 (Casting the Plain Concrete for the Electrical & Control Room.)



Photo #02 (Shuttering the First Face of Quarters (A, B) of the First Layer for the Reservoir's Walls)



Photo #03 (Shuttering the First Face for the Guard House Walls)



Photo #04 (Steel Reinforcement for Quarters (A, B) of the First Layer for the Reservoir's Walls)



Photo #05 (Formwork / Steel Reinforcement for the Electrical & Control Room Foundation)



Photo #06 (Steel Reinforcement for Quarters (A, B) of the First Layer for the Reservoir's Walls)



Photo #07 (Steel Reinforcement for the Guard House Walls)



Photo #08 (USAID COR Visit)



Photo #09 (Casting Concrete for Electrical and Control Room Foundation)



Photo #10 (Shuttering the Second Face of Guard House Walls)



Photo #11 (Casting Concrete for the Guard House Walls)



Photo #12 (Installation of Expandable Water Stop for Reservoir Walls)



**Photo #13 (Shuttering the Second Face of Formwork System for Quarters (A, B) of First Layer for Reservoir's Walls)**



**Photo #14 (Steel Reinforcement for the Reservoirs Columns)**



**Photo #15 (Casting Concrete for Quarter (A) of First Layer for Reservoir's Walls)**



**Photo #16 (Formwork for Electrical and Control Building Ditches)**



**Photo #17 (Excavation Works for Disinfection Building to the Required Level)**



**Photo #18 (Scaffolding Installation inside Reservoir)**

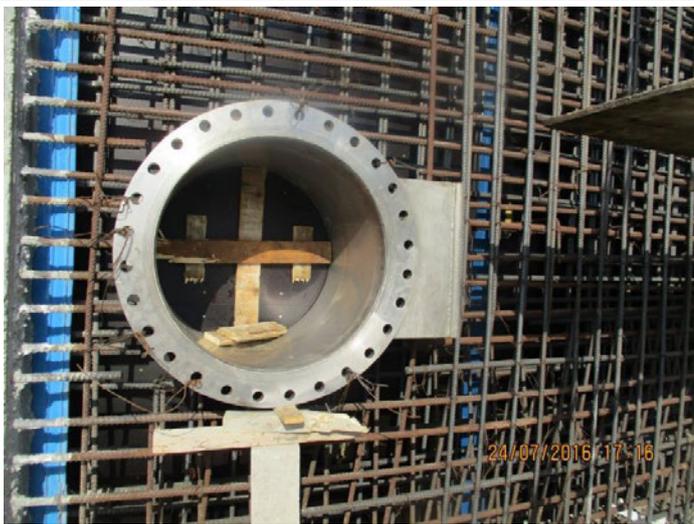


Photo #19 (Installation of Access Manway)



Photo #20 (Steel Reinforcement and Formwork for Reservoir's Walls)



Photo #21 (Formwork the First level for Reservoir's Columns)



Photo #22 (Casting the Lean Concrete of Disinfection Building)



Photo #23 (Installation of Scaffolding Inside Reservoir)



Photo #24 (Formwork For The First Level Of Reservoirs Columns)



**Photo #25 (Casting Concrete the First Level for Quarter (C) of Reservoir's Walls)**



**Photo #26 (Preparing Works for the Second Level of Reservoir Walls)**

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



**Photo #01 (Demolishing Works for the Existing Room)**



**Photo #02 (Demolishing Works for the Existing Room)**



**Photo #03 (Setting Out Coordinates for Electrical and Control Building)**



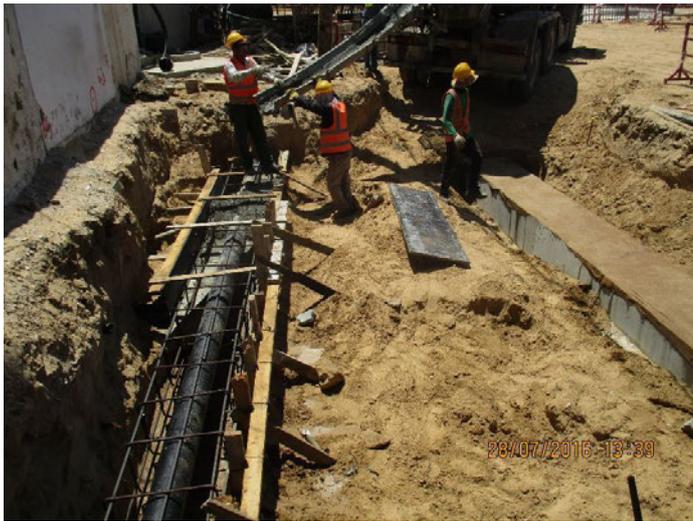
**Photo #04 (Taking Samples for Core Test for reservoir's Foundation)**



**Photo#05 (Formwork / Steel Rebar for Concrete Encasement of Existing Steel Pipe under Disinfection Building)**



**Photo #06 (Concrete Encasement of Existing Steel Pipe under Disinfection Building)**



**Photo #07 (Concrete Encasement of Existing Steel Pipe under Disinfection Building)**



**Photo #08 (Formwork / Casting Plain Concrete for Electrical and Control Room)**



**Photo #09 (Leveling and Compaction Second Kurkar Layer for the Disinfection Building)**



**Photo #10 (Taking Samples of the Compacted Layers Under Disinfection Building)**

# ANNEXES

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

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

Date	Description	Quantity
July 2, 2016	14 MPa Concrete	5.5 cu. M
	steel rebar Ø 20	30 tons
July 10, 2016	PP-R Pipe aquatherm green pipe SDR11 MF DN 40 mm	4 L.M
	PP-R Pipe aquatherm green pipe SDR11 MF DN 50 mm	34 L.M
	PP-R Pipe aquatherm green pipe SDR11 MF DN 65 mm	8 L.M
	PP-R Pipe aquatherm green pipe SDR11 MF DN 100 mm	8 L.M
	PP-R Pipe aquatherm green pipe SDR11 MF DN 315 mm	6 L.M
	Elbow 90° PP-R SDR11 DN 25 mm	20 ea
	Socket (Coupling) PP-R SDR11 DN 50 mm	10 ea
	Socket (Coupling) PP-R SDR11 DN 40 mm	10 ea
	Tee (T-Piece) Socket Welding PP-R SDR11 (40x40x40)	4 ea
	Tee (T-Piece) Socket Welding PP-R SDR11 (40x25x40)	4 ea
	Tee (T-Piece) Socket Welding PP-R SDR11 (50x50x50)	1 ea
	Tee (T-Piece) Socket Welding PP-R SDR11 (50x40x50)	1 ea
End Cap Butt-Welding PP-R	2 ea	
July 11, 2016	Spool 16''*125cm	1 ea.
	Spool 14''*65cm	1 ea.
	Spool 10''*65cm	2 ea.
	Spool 8''*135cm	1 ea.
	Spool 8''*65cm	1 ea.
	Spool 6''*65cm	1 ea.
	Spool 6''*38 cm	2 ea.
	Spool 4''*65cm	2 ea.
	Spool 2''*65cm	2 ea.
	760 mm access manway	1 ea.
July 14, 2016	35 MPa Concrete	11.50 cu. M
July 18, 2016	35 MPa Concrete	14.50 cu. M
July 20, 2016	35 MPa Concrete	31 cu. M
July 21, 2016	35 MPa Concrete	31.50 cu. M
July 23, 2016	28 MPa Concrete	2 cu. M
July 28, 2016	35 MPa Concrete	32.50 cu. M
July 31, 2016	35 MPa Concrete	31 cu. M

**Equipment on Site:**

DATE	Equipment Type		Equipment Type		Equipment Type		Equipment Type		Equipment Type	
	Loader, CAT 950F, 2001		Crane, F12		Concrete pump, Putzmester		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
July 2, 2016	1	-	1	-					1	-
July 10, 2016			1	-						
July 11, 2016			1	-						
July 12, 2016			1	-						
July 14, 2016					1	-	2	-		
July 18, 2016			1	-	1	-	2	-		
July 19, 2016			1	-						
July 20, 2016					1	-	4	-		
July 21, 2016					1	-	4	-		
July 23, 2016			1	-			1	-		
July 24, 2016			1	-						
July 25, 2016			1	-						
July 26, 2016			1	-						
July 27, 2016			1	-						
July 28, 2016					1	-	4	-		
July 30, 2016			1	-						
July 31, 2016			1	-	1	-	4	-		
<b>Total of Month</b>	<b>1</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>21</b>	<b>0</b>	<b>1</b>	<b>0</b>

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

Date	Description	Qty
July 27, 2016	28 MPa Concrete	5.50 cu. M
July 28, 2016	Calcareous	20 cu. M
	28 MPa Concrete	3 cu. M
July 30, 2016	14 MPa Concrete	5 cu. M

**Equipment on Site:**

DATE	Equipment Type		Equipment Type		Equipment Type		Equipment Type	
	Loader, CAT 950E, 2001		Truck, Volvo		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
July 23, 2016	1	-	2	-				
July 24, 2016	1	-	2	-				
July 25, 2016	1	-	2	-				
July 26, 2016	1	-	2	-				
July 27, 2016	1	-					1	-
July 28, 2016							1	-
July 30, 2016	1	-			1	-	1	-
<b>Total of Month</b>	<b>6</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</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**



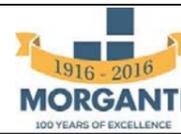
03-Aug-16 12:19

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>					▼ 07-Sep-17, TO 15-09 GA																																
<b>Milestones</b>					▼ 07-Sep-17, Milestones																																
<b>General Milestones</b>					▼ 07-Sep-17, General Miles																																
A1010	Project Duration	464	26-Oct-15 A	07-Sep-17	Project Duration																																
<b>Intermediate Milestones</b>					▼ 01-Aug-16, Intermediate Milest...																																
<b>Construction Phase</b>					▼ 23-Aug-17, Construction P																																
<b>Construction Submittals</b>					▼ 25-Sep-16, Construction Submitt...																																
<b>Shop drawing Submittals</b>					▼ 25-Sep-16, Shop drawing Submitt...																																
<b>Shop drawing Submittals for Project 1 - AI Berkah Reservoir and Pumping Facilities</b>					▼ 25-Sep-16, Shop drawing Submitt...																																
<b>Shop drawing Submittals for AI Berkah Reservoir and Pumping Facilities</b>					▼ 25-Sep-16, Shop drawing Submitt...																																
<b>Shop drawing submittals for AI Berkah Booster Pump Station</b>					▼ 20-Sep-16, Shop drawing submitt...																																
BER-SD-BP-1020	Prep. & Sub. of Mechanical shopdrawing for AI Berkah Booster Pump Station	9	01-Aug-16	10-Aug-16	■ Prep. & Sub. of Mechanical sho...																																
BER-SD-BP-1030	Review & Approval of Mechanical shopdrawing for AI Berkah Booster Pump Station	21	11-Aug-16	08-Sep-16	■ Review & Approval of Mechanica...																																
BER-SD-BP-1100	Preparation and Submission of Flow Meters Mechanical shop drawing for AI Berkah Booster Pump Station	5	11-Aug-16	16-Aug-16	■ Preparation and Submission of ...																																
BER-SD-BP-1110	Review & Approval of Flow Meters Mechanical shop drawing for AI Berkah Booster Pump Station	21	17-Aug-16	20-Sep-16	■ Review & Approval of Flow Mete...																																
BER-SD-BP-1120	Preparation and Submission of Piping Layout shop Drawing for AI Berkah Booster Pump Station	5	01-Aug-16	06-Aug-16	■ Preparation and Submission of ...																																
BER-SD-BP-1130	Review & Approval of Piping Layout shop Drawing for AI Berkah Booster Pump Station	21	07-Aug-16	04-Sep-16	■ Review & Approval of Piping La...																																
<b>Shop drawing submittals for AI Berkah Diesel Generator</b>					▼ 04-Sep-16, Shop drawing submitt...																																
BER-SD-DG-1000	Preparation and Submission of Shopdrawing for AI Berkah Diesel Generator	5	01-Aug-16	06-Aug-16	■ Preparation and Submission of ...																																
BER-SD-DG-1010	Review & Approval of Shopdrawing for AI Berkah Diesel Generator	21	07-Aug-16	04-Sep-16	■ Review & Approval of Shopdraw...																																
<b>Shop drawing submittals for AI Berkah Primary Power and Supply Transformer</b>					▼ 25-Sep-16, Shop drawing submitt...																																
BER-SD-T-1000	Preparation and Submission of Shopdrawing for AI Berkah Primary Power and Supply Transformer	5	15-Aug-16	21-Aug-16	■ Preparation and Submission of ...																																
BER-SD-T-1010	Review & Approval of Shopdrawing for AI Berkah Primary Power and Supply Transformer	21	21-Aug-16	25-Sep-16	■ Review & Approval of Shopdrawi...																																
<b>Shop drawing submittals for AI Berkah Site Work - Site Utilities</b>					▼ 04-Sep-16, Shop drawing submitt...																																
BER-SD-RES-1180	Preparation and Submission of Septic tank for AI Berkah site	5	01-Aug-16	06-Aug-16	■ Preparation and Submission of ...																																
BER-SD-RES-1190	Review & Approval of Septic tank for AI Berkah site	21	07-Aug-16	04-Sep-16	■ Review & Approval of Septic ta...																																
BER-SD-RES-1200	Preparation and Submission of Valve Vault for AI Berkah site	5	01-Aug-16	06-Aug-16	■ Preparation and Submission of ...																																
BER-SD-RES-1210	Review & Approval of Valve Vault for AI Berkah site	21	07-Aug-16	04-Sep-16	■ Review & Approval of Valve Vau...																																
BER-SD-RES-1240	Preparation and Submission of Exterior Gate for AI Berkah site	5	01-Aug-16	06-Aug-16	■ Preparation and Submission of ...																																
BER-SD-RES-1250	Review & Approval of Exterior Gate for AI Berkah site	21	07-Aug-16	04-Sep-16	■ Review & Approval of Exterior ...																																
<b>Shop drawing submittals for AI Berkah Supply &amp; Distribution Pipelines</b>					▼ 15-Sep-16, Shop drawing submitt...																																
<b>Shop drawing submittals for Supply Line 1 (DN 160mm) &amp; Distribution Pipe 1 (DN 400mm, 355mm)</b>					▼ 21-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	27-Apr-16 A	21-Aug-16	■ Review & Approval of Shop draw...																																
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	27-Apr-16 A	21-Aug-16	■ Review & Approval of Shop draw...																																
BER-SD-SDP-1170	Review & Approval of Shop drawing for Distribution pipe 1 from BD1 1+430 To Station BD1 2+228.13 (DN 355mm)	21	27-Apr-16 A	21-Aug-16	■ Review & Approval of Shop draw...																																
<b>Shop drawing submittals for Supply Line 2 (DN 280mm)</b>					▼ 21-Aug-16, Shop drawing submitt...																																
BER-SD-SDP-1070	Review & Approval of Shop drawing for Supply Line 2 From BS2 1+000 TO BS2 1+661.47 (DN 280mm)	21	27-Apr-16 A	21-Aug-16	■ Review & Approval of Shop draw...																																
<b>Valves and Vaults</b>					▼ 15-Sep-16, Valves and Vaults																																
<b>Connections - Gate Valves Chambers</b>					▼ 15-Sep-16, Connections - Gate ...																																
BER-SD-SDP-1440	Prep. & Sub. Shop drawing for Connection # 6, Line BD1, Station 1+061 : Complete DN 200mm flanged Gate Valve	15	13-Mar-16 A	13-Aug-16	■ Prep. & Sub. Shop drawing for ...																																
BER-SD-SDP-1450	Review & Approval of Shop drawing for Connection # 6, Line BD1, Station 1+061 : Complete DN 200mm flanged Gate Val	21	14-Aug-16	15-Sep-16	■ Review & Approval of Shop draw...																																
BER-SD-SDP-1460	Prep. & Sub. Shop drawing for Connection # 4, Line BD1, Station 1+511 : Complete DN 200mm flanged Gate Valve	15	13-Mar-16 A	13-Aug-16	■ Prep. & Sub. Shop drawing for ...																																
BER-SD-SDP-1470	Review & Approval of Shop drawing for Connection # 4, Line BD1, Station 1+511 : Complete DN 200mm flanged Gate Val	21	14-Aug-16	15-Sep-16	■ Review & Approval of Shop draw...																																
BER-SD-SDP-1480	Prep. & Sub. Shop drawing for Connection # 7, Line BD1, Station 1+024 : Complete DN 200mm flanged Gate Valve	15	13-Mar-16 A	13-Aug-16	■ Prep. & Sub. Shop drawing for ...																																
BER-SD-SDP-1490	Review & Approval of Shop drawing for Connection # 7, Line BD1, Station 1+024 : Complete DN 200mm flanged Gate Val	21	14-Aug-16	15-Sep-16	■ Review & Approval of Shop draw...																																
BER-SD-SDP-1500	Prep. & Sub. Shop drawing for Connection # 5, Line BD1, Station 1+402 : Complete 150mm flanged Gate Valve	15	13-Mar-16 A	13-Aug-16	■ Prep. & Sub. Shop drawing for ...																																
BER-SD-SDP-1510	Review & Approval of Shop drawing for Connection # 5, Line BD1, Station 1+402 : Complete 150mm flanged Gate Valve	21	14-Aug-16	15-Sep-16	■ Review & Approval of Shop draw...																																
BER-SD-SDP-1520	Prep. & Sub. Shop drawing for Connection # 3, Line BD1, Station 2+228 : Complete DN 250mm flanged Gate Valve	15	13-Mar-16 A	13-Aug-16	■ Prep. & Sub. Shop drawing for ...																																

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



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



03-Aug-16 12:19

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>Shop drawing submittals for Ma'an Primary Power and Supply Transformer</b>																																		
MAN-SD-T-1020	Preparation and Submission of Shopdrawing for Ma'an Primary Power and Supply Transformer	5	15-Aug-16	21-Aug-16																														
MAN-SD-T-1030	Review & Approval of Shopdrawing for Ma'an Primary Power and Supply Transformer	21	21-Aug-16	25-Sep-16																														
<b>Shop drawing submittals for Ma'an Distribution Pipeline</b>																																		
<b>Shop drawing submittals for Ma'an Distribution Line 1</b>																																		
MAN-SD-SDP-1790	Review & Approval of Shop drawing for Distribution Pipe line 1 from MD1 1+000 to MD1 1+105.61 (DN 280mm)	21	03-Feb-16 A	01-Aug-16																														
<b>Valves and Vaults</b>																																		
<b>Connections - Gate Valves Chambers</b>																																		
MAN-SD-SDP-2250	Review & Approval of Shop drawing for Connection #1, Line MD1, Station 1+105 : Complete DN 150mm flanged Gate Val	21	26-Jun-16 A	01-Aug-16																														
<b>Combination Air Valve Chambers</b>																																		
MAN-SD-SDP-2130	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 280mm	21	26-Jun-16 A	01-Aug-16																														
<b>Material Submittals</b>																																		
<b>Civil Material Submittals</b>																																		
GAZII-CMS-1115	Prep.&Submit Asphalt Mix Design	7	01-Aug-16	08-Aug-16																														
GAZII-CMS-1116	Review & Approval of Asphalt Mix Design	21	09-Aug-16	06-Sep-16																														
GAZII-CMS-1140	Prep. & Submit Concrete Block Masonary	7	01-Aug-16	08-Aug-16																														
GAZII-CMS-1150	Review & Approval of Concrete Block Masonary	21	09-Aug-16	06-Sep-16																														
GAZII-CMS-1160	Prep. & Submit Rough & Finish Carpentry	7	09-Aug-16	16-Aug-16																														
GAZII-CMS-1170	Review & Approval of Rough & Finish Carpentry	21	17-Aug-16	20-Sep-16																														
GAZII-CMS-1180	Prep. & Submit Steel Doors & Frames	7	01-Aug-16	08-Aug-16																														
GAZII-CMS-1190	Review & Approval of Steel Doors & Frames	21	09-Aug-16	06-Sep-16																														
GAZII-CMS-1200	Prep. & Submit Flush Wood Doors	7	01-Aug-16	08-Aug-16																														
GAZII-CMS-1210	Review & Approval of Flush Wood Doors	21	09-Aug-16	06-Sep-16																														
GAZII-CMS-1220	Prep. & Submit Coiling Doors & Grilles	7	01-Aug-16	08-Aug-16																														
GAZII-CMS-1230	Review & Approval of Coiling Doors & Grilles	21	09-Aug-16	06-Sep-16																														
GAZII-CMS-1240	Prep.&Submit Aluminum Windows	7	01-Aug-16	08-Aug-16																														
GAZII-CMS-1250	Review & Approval of Aluminum Windows	21	09-Aug-16	06-Sep-16																														
GAZII-CMS-1260	Prep.&Submit Plastering Accessories	7	01-Aug-16	08-Aug-16																														
GAZII-CMS-1270	Review & Approval of Plastering Accessories	21	09-Aug-16	06-Sep-16																														
GAZII-CMS-1280	Prep.&Submit Terrazzo Tiles	7	01-Aug-16	08-Aug-16																														
GAZII-CMS-1290	Review & Approval of Terrazzo Tiles	21	09-Aug-16	06-Sep-16																														
GAZII-CMS-1300	Prep.&Submit Ceramic Tiles	7	01-Aug-16	08-Aug-16																														
GAZII-CMS-1310	Review & Approval of Ceramic Tiles	21	09-Aug-16	06-Sep-16																														
GAZII-CMS-1340	Prep.&Submit MC Prime Coat	7	09-Aug-16	16-Aug-16																														
GAZII-CMS-1350	Review & Approval of MC Prime Coat	21	17-Aug-16	20-Sep-16																														
GAZII-CMS-1400	Prep.&Submit of Pipe Support	7	01-Aug-16	08-Aug-16																														
GAZII-CMS-1410	Review & Approval of Pipe Support	21	09-Aug-16	06-Sep-16																														
GAZII-CMS-1420	Prep.&Submit of Manhole rung	7	01-Aug-16	08-Aug-16																														
GAZII-CMS-1430	Review & Approval of Manhole rung	21	09-Aug-16	06-Sep-16																														
GAZII-CMS-1480	Prep. & Submit of metalwork including hatches, vents, ladders, railings, grating, etc.	7	10-Feb-16 A	08-Aug-16																														
GAZII-CMS-1490	Review & Approval of metalwork including hatches, vents, ladders, railings, grating, etc.	21	14-Feb-16 A	29-Aug-16																														
GAZII-CMS-1500	Prep. & Submit of Container for Ma'an	7	01-Aug-16	08-Aug-16																														
GAZII-CMS-1510	Review & Approval of Container for Ma'an	21	09-Aug-16	06-Sep-16																														
GAZII-CMS-1540	Prep. & Submit of Roof membrane	7	01-Aug-16	08-Aug-16																														
GAZII-CMS-1550	Review & Approval of Roof membrane	21	09-Aug-16	06-Sep-16																														
<b>Mechanical Material Submittals</b>																																		
GAZII-MMS-1030	Review & Approval of Al Berkah Booster Pump - Second Submission	21	28-Apr-16 A	04-Aug-16																														
GAZII-MMS-1039	Review & Approval of Ma'an Booster Pump - Second Submission	21	28-Apr-16 A	04-Aug-16																														

█ 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**

03-Aug-16 12:16



Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	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>																		07-Sep-17, TO 15:09																																			
<b>Milestones</b>																		07-Sep-17, Milestones																																			
<b>General Milestones</b>																		07-Sep-17, General M																																			
A1000	Notice To Proceed (NTP)	0	26-Oct-15 A			◆ Notice To Proceed (NTP)																																															
A1010	Project Duration	464	26-Oct-15 A	07-Sep-17	-54													Project Duration																																			
A1020	Completion Date	0		07-Sep-17*	-72													◆ Completion Date																																			
<b>Intermediate Milestones</b>																		19-Jul-17, Intermediate Mile																																			
GAZII-IA-01	Start of Mobilization	0	26-Oct-15 A			◆ Start of Mobilization																																															
GAZII-IA-02	Finish of Mobilization	0		18-Jan-16 A		◆ Finish of Mobilization																																															
GAZII-IA-03	Start of Pre-Construction Submittals	0	26-Oct-15 A			◆ Start of Pre-Construction Subm...																																															
GAZII-IA-04	Finish of Pre-Construction Submittals	0		01-Aug-16	330	◆ Finish of Pre-Construction Sub...																																															
GAZII-IA-05	Start of Construction Submittals	0	26-Oct-15 A			◆ Start of Construction Submitta...																																															
GAZII-IA-06	Finish of Construction Submittals	0		23-Nov-16	215	◆ Finish of Construction Submitt...																																															
GAZII-IA-07	Start of Construction at Project 01 - Al Berkah Reservoir and Pumping Facilities	0	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		11-Jul-17	-30	◆ Finish of Construction at Pro																																															
GAZII-IA-09	Start of Construction at Project 2 - Ma'an Reservoir and Pumping Facilities	0	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		19-Jul-17	-38	◆ Finish of Construction at Pr																																															
<b>Preconstruction Phase</b>																		22-May-16 A, Preconstruction P...																																			
<b>Mobilization</b>																		18-Jan-16 A, Mobilization																																			
GAZII - MOB0999	Construction Site Handover and Receive Conformed Drawings	1	26-Oct-15 A	27-Oct-15 A		I Construction Site Handover and...																																															
GAZII - MOB1000	Pre-Construction Dilapidation Survey	5	19-Nov-15	23-Nov-15		I Pre-Construction Dilapidation ...																																															
GAZII - MOB1010	Provide, furnish and erect Temporary Project Signs	2	26-Dec-15	29-Dec-15		I Provide, furnish and erect Tem...																																															
GAZII - MOB1020	Supply and furnish Field Office Furniture and Miscellaneous	2	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	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	22-Dec-15	31-Dec-15		I Arrange for and erect Contract...																																															
GAZII - MOB1060	Post OSHA-required notices and establish safety programs	2	22-Dec-15	31-Dec-15		I Post OSHA-required notices and...																																															
GAZII - MOB1070	Installation of Temporary Facilities as per section 01500	5	03-Dec-15	31-Dec-15		I Installation of Temporary Faci...																																															
<b>Preconstruction Submittals</b>																		22-May-16 A, Preconstruction S...																																			
GAZII-PC-SUB-01	Preparation & Submit Copy of Bank Guarantee Certificates	1	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	12-Nov-15	23-Nov-15		I Review & Approval of Bank Guar...																																															
GAZII-PC-SUB-02	Preparation & Submit Scheduling Qualification Submittal	2	10-Nov-15	12-Nov-15		I Preparation & Submit Scheduling...																																															
GAZII-PC-SUB-02-R&A	Review & Approval of Scheduling Qualification Submittal	21	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	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	22-Nov-15	13-Dec-15		I Review & Approval of Prelimina...																																															
GAZII-PC-SUB-04	Preparation & Submit Submittals Schedule	2	10-Dec-15	19-Dec-15		I Preparation & Submit Submittal...																																															
GAZII-PC-SUB-04-R&A	Review & Approval of Submittals Schedule	21	20-Dec-15	03-Jan-16 A		I Review & Approval of Submittal...																																															
GAZII-PC-SUB-05	Preparation & Submit Key Staff	5	26-Oct-15 A	20-Dec-15		I Preparation & Submit Key Staff																																															
GAZII-PC-SUB-05-R&A	Review & Approval of Key Staff	21	20-Dec-15	24-Dec-15		I Review & Approval of Key Staff																																															
GAZII-PC-SUB-06	Preparation & Submit Project Temporary Signs	2	11-Nov-15	12-Nov-15		I Preparation & Submit Project T...																																															
GAZII-PC-SUB-06-R&A	Review & Approval of Project Temporary Signs	21	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	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	22-Nov-15	30-Nov-15		I Review & Approval of Engineer'...																																															
GAZII-PC-SUB-08	Preparation & Submit Field Office Furniture and Equipment Plan	2	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	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	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	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	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	20-Dec-15	16-Feb-16 A		I Review & Approval of Quality C...																																															

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





























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

03-Aug-16 12:16



Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	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>Strainers</b>						04-Sep-16, Strainers																																			
GRAMMS640	Preparation and upload of Strainers on GRAMMS	53	27-Oct-15 A	25-Jan-16 A		■ Preparation and upload of Stra...																																			
GRAMMS650	Approval of Strainers on GRAMMS	53	25-Jan-16 A	22-Feb-16 A		■ Approval of Strainers on GRAMM...																																			
PROC-2150	Order of Strainers	6	16-Apr-16 A	16-Apr-16 A		Order of Strainers																																			
PROC-2160	Manufacturing of Strainers	70	16-Apr-16 A	15-Jun-16 A		■ Manufacturing of Strainers																																			
PROC-2170	Shipping of Strainers	21	16-Jun-16 A	12-Aug-16	47	■ Shipping of Strainers																																			
PROC-2180	Clearance of Strainers	14	14-Aug-16	29-Aug-16	40	■ Clearance of Strainers																																			
PROC-2190	Delivery of Strainers to project site	5	30-Aug-16	04-Sep-16	40	■ Delivery of Strainers to proje...																																			
<b>Check valves</b>						04-Sep-16, Check valves																																			
GRAMMS660	Preparation and upload of Check Valves on GRAMMS	53	27-Oct-15 A	27-Oct-15 A		Preparation and upload of Chec...																																			
GRAMMS670	Approval of Check Valves on GRAMMS	53	27-Oct-15 A	27-Oct-15 A		Approval of Check Valves on GR...																																			
PROC-2200	Order of Check Valves	6	30-May-16	13-Jun-16 A		■ Order of Check Valves																																			
PROC-2210	Manufacturing of Check Valves	80	13-Jun-16 A	05-Jul-16 A		■ Manufacturing of Check Valves																																			
PROC-2220	Shipping of Check Valves	21	06-Jul-16 A	12-Aug-16	47	■ Shipping of Check Valves																																			
PROC-2230	Clearance of Check Valves	14	14-Aug-16	29-Aug-16	40	■ Clearance of Check Valves																																			
PROC-2240	Delivery of Check Valves to project site	5	30-Aug-16	04-Sep-16	40	■ Delivery of Check Valves to pr...																																			
<b>Combination Air Valves</b>						04-Sep-16, Combination Air Val...																																			
GRAMMS680	Preparation and upload of Combination Air Valves on GRAMMS	53	27-Oct-15 A	31-Jan-16 A		■ Preparation and upload of Comb...																																			
GRAMMS690	Approval of Combination Air Valves on GRAMMS	53	31-Jan-16 A	22-Feb-16 A		■ Approval of Combination Air Va...																																			
PROC-2250	Order of Combination Air Valves	6	30-May-16	13-Jun-16 A		■ Order of Combination Air Valve...																																			
PROC-2260	Manufacturing of Combination Air Valves	80	13-Jun-16 A	05-Jul-16 A		■ Manufacturing of Combination A...																																			
PROC-2270	Shipping of Combination Air Valves	21	05-Jul-16 A	12-Aug-16	47	■ Shipping of Combination Air Va...																																			
PROC-2280	Clearance of Combination Air Valves	14	14-Aug-16	29-Aug-16	40	■ Clearance of Combination Air V...																																			
PROC-2290	Delivery of Combination Air Valves to project site	5	30-Aug-16	04-Sep-16	40	■ Delivery of Combination Air Va...																																			
<b>Flap Valves</b>						04-Sep-16, Flap Valves																																			
GRAMMS700	Preparation and upload of Flap Valves on GRAMMS	53	27-Oct-15 A	25-Jan-16 A		■ Preparation and upload of Flap...																																			
GRAMMS710	Approval of Flap Valves on GRAMMS	53	25-Jan-16 A	25-Jan-16 A		Approval of Flap Valves on GRA...																																			
PROC-2300	Order of Flap Valves	6	01-May-16	17-May-16		■ Order of Flap Valves																																			
PROC-2310	Manufacturing of Flap Valves	60	17-May-16	05-Jul-16 A		■ Manufacturing of Flap Valves																																			
PROC-2320	Shipping of Flap Valves	21	06-Jul-16 A	07-Aug-16	52	■ Shipping of Flap Valves																																			
PROC-2330	Clearance of Flap Valves	14	08-Aug-16	23-Aug-16	45	■ Clearance of Flap Valves																																			
PROC-2340	Delivery of Flap Valves to project site	10	24-Aug-16	04-Sep-16	45	■ Delivery of Flap Valves to pro...																																			
<b>Pressure Level Transmitter</b>						23-Dec-16, Pressure Level Tra...																																			
GRAMMS720	Preparation and upload of Pressure Level Trasmmitter on GRAMMS	53	27-Oct-15 A	25-Jan-16 A		■ Preparation and upload of Pres...																																			
GRAMMS730	Approval of Pressure Level Trasmmitter on GRAMMS	53	25-Jan-16 A	22-Feb-16 A		■ Approval of Pressure Level Tra...																																			
PROC-2350	Order of Pressure Level Trasmmitter	6	30-May-16	30-May-16		Order of Pressure Level Trasm...																																			
PROC-2360	Manufacturing of Pressure Level Trasmmitter	120	31-May-16	04-Nov-16	16	■ Manufacturing of Pressure Leve...																																			
PROC-2370	Shipping of Pressure Level Trasmmitter	21	05-Nov-16	25-Nov-16	16	■ Shipping of Pressure Level Tra...																																			
PROC-2380	Clearance of Pressure Level Trasmmitter	14	27-Nov-16	12-Dec-16	13	■ Clearance of Pressure Level Tr...																																			
PROC-2390	Delivery of Pressure Level Trasmmitter to project site	10	13-Dec-16	23-Dec-16	13	■ Delivery of Pressure Level Tra...																																			
<b>Disinfection and HDPE Tank</b>						27-Mar-17, Disinfection and HD...																																			
DN-1640	Preparation and submission of Donation number request for Disinfection and HDPE Tank	30	01-Aug-16	04-Sep-16	49	■ Preparation and submission of ...																																			
DN-1650	Approval of Donation Number request for Disinfection and HDPE Tank	100	05-Sep-16	04-Jan-17	49	■ Approval of Donation Number re...																																			
GRAMMS740	Preparation and upload of Disinfection and HDPE Tank on GRAMMS	53	27-Oct-15 A	25-Jan-16 A		■ Preparation and upload of Disi...																																			
GRAMMS750	Approval of Disinfection and HDPE Tank on GRAMMS	53	25-Jan-16 A	30-Sep-16	17	■ Approval of Disinfection and H...																																			
PROC-2400	Order of Disinfection and HDPE Tank	6	01-Oct-16	06-Oct-16	23	Order of Disinfection and HDPE...																																			
PROC-2410	Manufacturing of Disinfection and HDPE Tank	120	07-Oct-16	03-Feb-17	27	■ Manufacturing of Disinfection ...																																			
PROC-2420	Shipping of Disinfection and HDPE Tank	21	04-Feb-17	24-Feb-17	27	■ Shipping of Disinfection and ...																																			

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

















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

03-Aug-16 12:16



Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	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>																																									
<b>Pipe Line Installation</b>																																									
E-BER-SDP-1000	Exc., Bed., Install. and Backfill. Supply Line 2 from BS2 1+000 to BS2 1+661.47 (BS2 - 280mm)	8	28-Sep-16	06-Oct-16	20	▼ 24-Nov-16, AI Berkah Supply Li... ▼ 06-Oct-16, Pipe Line Installat... ■ Exc., Bed., Install. and Backf...																																			
<b>Chambers Construction</b>																																									
E-BER-SDP-1020	Construction of Connection # EL SAHEL 3, Line BS2, Station 1+215: Complete DN 110mm flanged Gate Valve Chamber	13	08-Oct-16	22-Oct-16	73	▼ 24-Nov-16, Chambers Constructi... ■ 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	08-Oct-16	22-Oct-16	73	■ 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	08-Oct-16	22-Oct-16	73	■ 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	08-Oct-16	22-Oct-16	73	■ 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	08-Oct-16	22-Oct-16	47	■ 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	08-Oct-16	22-Oct-16	73	■ 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	23-Oct-16	08-Nov-16	47	■ 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	09-Nov-16	24-Nov-16	47	■ Construction of DN 100mm Combi...																																			
<b>AI Berkah Distribution Line 1</b>																																									
<b>Installation of Pipes</b>																																									
E-BER-SDP-1080	Exc., Bed., Install. and Backfill. Distribution Line 1 from BD1 1+430 to BD1 2+228.13 (BD1 - 355mm)	9	13-Oct-16	23-Oct-16	20	▼ 09-Nov-16, AI Berkah Distribut... ▼ 23-Oct-16, Installation of Pip... ■ Exc., Bed., Install. and Backf...																																			
<b>Construction of Chambers</b>																																									
E-BER-SDP-1230	Construction of Connection # 4, Line BD1, Station 1+511 : Complete DN 200mm flanged Gate Valve Chamber	13	24-Oct-16	09-Nov-16	39	▼ 09-Nov-16, Construction of Cha... ■ 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	24-Oct-16	09-Nov-16	39	■ 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	24-Oct-16	09-Nov-16	39	■ 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	24-Oct-16	09-Nov-16	39	■ 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	24-Oct-16	09-Nov-16	39	■ Construction of Connection # 3...																																			
<b>Pavement repair and reinstatement</b>																																									
<b>AI Berkah Supply Line 1, Dist. Line 1 BS1 1+000 to BS1 1+430</b>																																									
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	05-Dec-16	10-Dec-16	101	▼ 09-Jan-17, Pavement repair and... ▼ 09-Jan-17, AI Berkah Supply Li... ■ 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	28-Dec-16	09-Jan-17	101	■ Reinstatement for Supply Line ...																																			
<b>AI Berkah Supply Line 2</b>																																									
E-BER-SDP-1320	Reinstatement for Supply Line 2 from BS2 1+000 to BS2 1+661.47 (BS2 - 280mm)	8	26-Nov-16	04-Dec-16	101	▼ 04-Dec-16, AI Berkah Supply Li... ■ Reinstatement for Supply Line ...																																			
<b>AI Berkah Distribution Line 1</b>																																									
E-BER-SDP-1350	Reinstatement for Distribution Line 1 from BD1 1+430 to BD1 2+228.13 (BD1 - 355mm)	9	11-Dec-16	27-Dec-16	101	▼ 27-Dec-16, AI Berkah Distribut... ■ Reinstatement for Distribution...																																			
<b>Mechanical Installation</b>																																									
E-BER-SDP-1310	Mechanical installation for AI Berkah Valves and Vaults (Connections, Washout, ARV) - Distribution Line 1	20	26-Dec-16	25-Jan-17	7	▼ 06-Mar-17, Mechanical Installa... ■ Mechanical installation for AI...																																			
E-BER-SDP-1330	Mechanical installation for AI Berkah Valves and Vaults (Connections, Washout, ARV) - Supply Line 2	16	26-Jan-17	13-Feb-17	7	■ Mechanical installation for AI...																																			
E-BER-SDP-1360	Mechanical installation for AI Berkah Valves and Vaults (Connections, Washout, ARV) - Supply Line 1	16	14-Feb-17	06-Mar-17	7	■ Mechanical installation for AI...																																			
<b>Testing, Training and Commissioning</b>																																									
BER-1000	Cleaning, washing, testing and disinfection for Transmission Pipeline	21	07-Mar-17	30-Mar-17	36	▼ 10-Jun-17, Testing, Training a... ■ Cleaning, washing, testing and...																																			
BER-1010	Training	6	27-May-17	06-Jun-17	2	■ Training																																			
BER-1020	Delivery of the final O&M Technical Manuals	20	07-Mar-17	29-Mar-17	7	■ Delivery of the final O&M Tech...																																			
BER-1030	Site inspection/ Support/ Start up (Precommissioning)	10	15-May-17	25-May-17	1	■ Site inspection/ Support/ Star...																																			
BER-1040	Testing and Commissioning of Electrical and Control System and Equipment	7	27-May-17	08-Jun-17	1	■ Testing and Commissioning of E																																			
BER-1050	Commissioning of the entire system	2	08-Jun-17	10-Jun-17	1	■ Commissioning of the entire sy.																																			
BER-7655	Preparation and Submission of startup, testing, and commissioning plan and schedule to the Engineer	20	20-Dec-16	23-Jan-17	1	■ Preparation and Submission of ...																																			
BER-7665	Review and Approval of startup, testing, and commissioning plan and schedule to the Engineer	21	24-Jan-17	21-Feb-17	56	■ Review and Approval of startup...																																			
<b>Demobilization Cost</b>																																									
GAZII - 1010	AI Berkah Demobilization Summary Cost	38	11-Jul-17	07-Sep-17	-45	▼ 07-Sep-17, Demobiliza... AI Berkah Demobilizat...																																			
<b>Project 2, Construction of Ma'an Reservoir and Pumping Facilities:</b>																																									
<b>Mobilization Cost</b>																																									
GAZII - MOB1080	Ma'an Mobilization Summary Cost	71	26-Oct-15 A	18-Jan-16 A		▼ 18-Jan-16 A, Mobilization Cost Ma'an Mobilization Summary Cos...																																			
<b>Construction of Ma'an Facilities</b>																																									
						▼ 19-Jul-17, Construction of f																																			

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



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

03-Aug-16 12:16



Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	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>HVAC-Plumping</b>						▼ 11-Apr-17, HVAC-Plumping																																			
E-MAN-DIS-1350	Furnish and install Penthouse Ventilator, roof mounted Upblast Fan, Electric Unit Heater, control panel	3	03-Apr-17	05-Apr-17	25	Furnish and install Penthouse ...																																			
E-MAN-DIS-1370	Start-Up, Testing, Adjusting, Balancing, Cleaning, Disinfection, Commissioning	5	06-Apr-17	11-Apr-17	38	Start-Up, Testing, Adjusting, ...																																			
<b>Guard House Building</b>						▼ 09-Jan-17, Guard House Buildin...																																			
<b>Civil &amp; Structural Works</b>						▼ 07-Nov-16, Civil & Structural ...																																			
E-MAN-GH-1000	Excavate to the required depth	2	01-Aug-16	02-Aug-16	19	Excavate to the required depth																																			
E-MAN-GH-1010	Furnishing, leveling, and compacting of selected backfill	5	03-Aug-16	08-Aug-16	19	Furnishing, leveling, and comp...																																			
E-MAN-GH-1020	Furnish and install subgrade sanitary drain piping	4	09-Aug-16	13-Aug-16	19	Furnish and install subgrade s...																																			
E-MAN-GH-1030	Furnish and install lean concrete (blinding 100mm)	5	14-Aug-16	18-Aug-16	19	Furnish and install lean concr...																																			
E-MAN-GH-1040	Form/Steel Rebars for Foundation	5	20-Aug-16	24-Aug-16	19	Form/Steel Rebars for Foundati...																																			
E-MAN-GH-1050	Cast in Concrete for foundation	1	25-Aug-16	25-Aug-16	19	Cast in Concrete for foundatio...																																			
E-MAN-GH-1060	Concrete Curing for foundation	7	27-Aug-16	03-Sep-16	19	Concrete Curing for foundation																																			
E-MAN-GH-1070	Form/Steel Rebars for Slab on Grade	6	27-Aug-16	01-Sep-16	21	Form/Steel Rebars for Slab on ...																																			
E-MAN-GH-1090	Cast R.C. for the Slab on Grade	1	05-Sep-16	05-Sep-16	19	Cast R.C. for the Slab on Grad...																																			
E-MAN-GH-1100	Concrete Curing for the Slab on Grade	7	06-Sep-16	18-Sep-16	22	Concrete Curing for the Slab o...																																			
E-MAN-GH-1110	Form/Steel Rebars for the Walls	10	06-Sep-16	21-Sep-16	19	Form/Steel Rebars for the Wall...																																			
E-MAN-GH-1140	Cast Reinforced Concrete for the Walls / Columns	1	22-Sep-16	22-Sep-16	19	Cast Reinforced Concrete for t...																																			
E-MAN-GH-1150	Concrete Curing for the Walls / Columns	7	24-Sep-16	01-Oct-16	19	Concrete Curing for the Walls ...																																			
E-MAN-GH-1170	Deshuttering & Curing For Walls	7	02-Oct-16	09-Oct-16	19	Deshuttering & Curing For Wall...																																			
E-MAN-GH-1190	Form/Steel Rebars for the Roof Slab	7	10-Oct-16	17-Oct-16	19	Form/Steel Rebars for the Roof...																																			
E-MAN-GH-1200	Cast Reinforced Concrete for the Roof Slab	1	18-Oct-16	18-Oct-16	19	Cast Reinforced Concrete for t...																																			
E-MAN-GH-1220	Concrete Curing for the Roof Slab	7	19-Oct-16	26-Oct-16	26	Concrete Curing for the Roof S...																																			
E-MAN-GH-1230	Deshuttering for the Roof Slab & Backfilling	1	07-Nov-16	07-Nov-16	19	Deshuttering for the Roof Slab...																																			
<b>Finishing Works</b>						▼ 28-Dec-16, Finishing Works																																			
E-MAN-GH-1240	Construction of CMU Walls	4	08-Nov-16	12-Nov-16	19	Construction of CMU Walls																																			
E-MAN-GH-1250	Furnish & Install Interior & Exterior Plaster & Stone Coping	7	13-Nov-16	21-Nov-16	19	Furnish & Install Interior & E...																																			
E-MAN-GH-1290	Furnish & install Floor Tiles & wall tile	5	29-Nov-16	04-Dec-16	23	Furnish & install Floor Tiles ...																																			
E-MAN-GH-1300	Furnish & Install Doors, Windows & All Metal Works including hatches, vents, ladders, railings	15	29-Nov-16	19-Dec-16	96	Furnish & Install Doors, Windo...																																			
E-MAN-GH-1310	Furnish & Install All Architectural Elements, Kitchen Equipment & Furniture	15	29-Nov-16	19-Dec-16	103	Furnish & Install All Architec...																																			
E-MAN-GH-1390	Apply Coating and Furnish and install insulation, crickets, roofing, curbs, scupper drains	5	20-Dec-16	28-Dec-16	96	Apply Coating and Furnish and ...																																			
<b>Mechanical Works</b>						▼ 08-Jan-17, Mechanical Works																																			
E-MAN-GH-1080	Furnish & Install of Utility Piping including Pipe Supports & Valves	5	08-Nov-16	13-Nov-16	128	Furnish & Install of Utility P...																																			
E-MAN-GH-1380	Clean & Presure Test	2	02-Jan-17	08-Jan-17	96	Clean & Presure Test																																			
E-MAN-GH-1410	Furnish & Install Miscellaneous Plumbing Components	2	29-Dec-16	31-Dec-16	96	Furnish & Install Miscellaneou...																																			
<b>Electrical &amp; Instrumentation Works</b>						▼ 09-Jan-17, Electrical & Instru...																																			
E-MAN-GH-1120	Furnish and Installation of Grounding System	1	06-Sep-16	06-Sep-16	50	Furnish and Installation of Gr...																																			
E-MAN-GH-1130	Furnish and installation of panels, wires, conduits, cables, lights	5	22-Sep-16	27-Sep-16	73	Furnish and installation of pa...																																			
E-MAN-GH-1160	Furnish and install conduit and wire complete for UV system	5	28-Sep-16	03-Oct-16	161	Furnish and install conduit an...																																			
E-MAN-GH-1180	Instruments - Furnish and install all instruments (UV Monitors/Purifiers & Security)	5	04-Oct-16	09-Oct-16	161	Instruments - Furnish and inst...																																			
E-MAN-GH-1210	Furnish and install rooftop mounted condensing A/C unit	5	18-Oct-16	23-Oct-16	56	Furnish and install rooftop mo...																																			
E-MAN-GH-1270	Design, Furnish and Installation of Lightning Protection System	7	26-Nov-16	03-Dec-16	117	Design, Furnish and Installati...																																			
E-MAN-GH-1350	Furnish and install Solar Water Heating System	5	10-Dec-16	18-Dec-16	107	Furnish and install Solar Wate...																																			
E-MAN-GH-1400	Furnish, install, and test the Guard House HMI	5	20-Dec-16	28-Dec-16	101	Furnish, install, and test the...																																			
E-MAN-GH-1420	Testing and Commissioning of Electrical Systems	5	29-Dec-16	09-Jan-17	101	Testing and Commissioning of E...																																			
<b>HVAC-Plumping</b>						▼ 27-Dec-16, HVAC-Plumping																																			
E-MAN-GH-1260	Furnish & Install Cold & Hot Water Pipe	5	22-Nov-16	27-Nov-16	19	Furnish & Install Cold & Hot W...																																			
E-MAN-GH-1280	Furnish & Install PVC Pipe & Fittings	5	28-Nov-16	03-Dec-16	19	Furnish & Install PVC Pipe & F...																																			
E-MAN-GH-1320	Furnish and install bathroom and kitchen plumbing equipments and piping	5	04-Dec-16	08-Dec-16	24	Furnish and install bathroom a...																																			

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







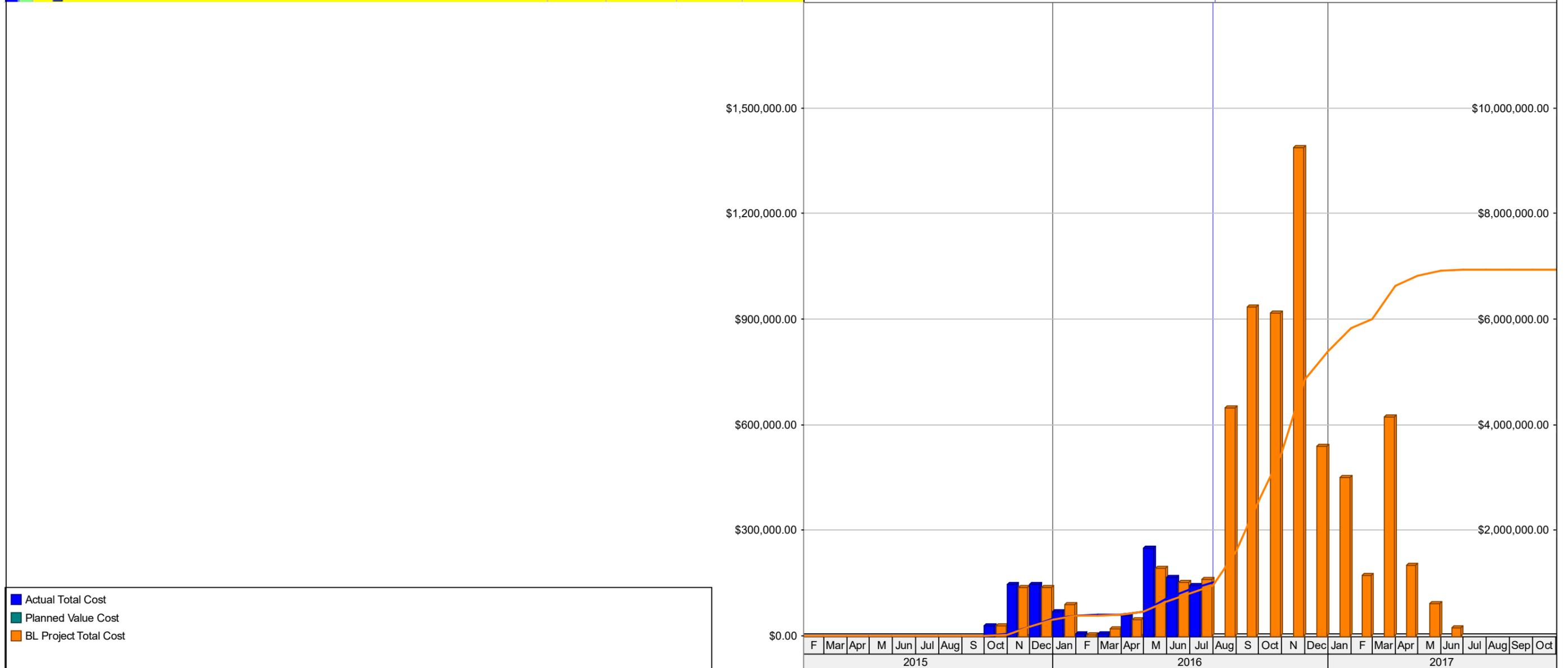




## Annex D - Progress S Curve

- S – Curve is based on the submitted CPM schedule

WBS Name	Start	Finish	Schedule % Complete	Cost % of Budget	2015												2016												2017											
					F	Mar	Apr	M	Jun	Jul	Aug	S	Oct	N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	S	Oct	N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct			
					<b>TO 15-09 GAZII - Updated CPM Schedule - Construction of Reser</b>	18-Feb-1	07-Sep-17	13.83%	14.68%	[Gantt bars for 2015-2017]																														
<b>Milestones</b>	26-Oct-1	07-Sep-17	0%	0%	[Gantt bars for Milestones]																																			
General Milestones	26-Oct-1	07-Sep-17	0%	0%	[Gantt bars for General Milestones]																																			
Intermediate Milestones	26-Oct-1	19-Jul-17	0%	0%	[Gantt bars for Intermediate Milestones]																																			
<b>Preconstruction Phase</b>	26-Oct-1	22-May-16 A	0%	0%	[Gantt bars for Preconstruction Phase]																																			
Mobilization	26-Oct-1	18-Jan-16 A	0%	0%	[Gantt bars for Mobilization]																																			
Preconstruction Submittals	26-Oct-1	22-May-16 A	0%	0%	[Gantt bars for Preconstruction Submittals]																																			
Traffic Control Plan, Coordination and Permits	29-Nov-1	14-Feb-16 A	0%	0%	[Gantt bars for Traffic Control Plan, Coordination and Permits]																																			
<b>Construction Phase</b>	18-Feb-1	07-Sep-17	13.83%	14.68%	[Gantt bars for Construction Phase]																																			
Construction Submittals	18-Feb-1	23-Nov-16	0%	0%	[Gantt bars for Construction Submittals]																																			
Procurement-1	26-Oct-1	27-Mar-17	0%	0%	[Gantt bars for Procurement-1]																																			
Execution	26-Oct-1	07-Sep-17	13.83%	14.68%	[Gantt bars for Execution]																																			
Project 1, Construction of Al Berkah Reservoir and Pumping Facilities	26-Oct-1	07-Sep-17	8.75%	16.36%	[Gantt bars for Project 1]																																			
Project 2, Construction of Ma'an Reservoir and Pumping Facilities:	26-Oct-1	07-Sep-17	20.48%	12.48%	[Gantt bars for Project 2]																																			
<b>Post Construction Phase</b>	11-Jul-17	07-Sep-17	0%	0%	[Gantt bars for Post Construction Phase]																																			
Post construction Submittals	11-Jul-17	07-Sep-17	0%	0%	[Gantt bars for Post construction Submittals]																																			
Demobilization			0%	0%	[Gantt bars for Demobilization]																																			



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

▾ 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
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	
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
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
7	SM-15-00009-BER-E-C-009	BER	Third-Party Test Reports for Al Berkah Reservoir	May 29, 2016	Other	
6	SM-15-00009-MAN-E-C-010	MAN	Third-Party Test Reports for Ma'an 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	
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
9	SM-15-00009-MAN-E-C-015	MAN	Third-Party Test Reports - Unsatisfactory Test Result for Ma'an Reservoir	July 24, 2016	Record of Non Quality Compliance	
10	SM-15-00009-BER-E-C-016	BER	Response on SM-15-00009-BER-C-E-001 (Response on SM-15-00009-BER-E-C-116 after 07-days)	July 27, 2016	Record of Non Quality Compliance	
11	SM-15-00009-BER-E-C-017	BER	Response on SM-15-00009-BER-C-E-002 (Response on SM-15-00009-BER-E-C-011 after 28-days)	July 27, 2016	Record of Non Quality Compliance	
12	SM-15-00009-GAZII-E-C-018	GAZII	Power Issues at Al Berkah and Ma'an Site Offices - Non Compliance	July 28, 2016	Site Instruction, Record of Unsatisfactory Work Practice	
13	SM-15-00009-BER-E-C-019	BER	Third-Party Test Reports for Al Berkah Reservoir	August 1, 2016	Other	



SITE MEMOS LOG_TO CONTRACTOR						
No.	SM No.	Project	Description	Sent Date	Type	Remarks
1	SM-15-00009-BER-C-E-001	BER	Response on SM-15-00009-BER-E-C-011	June 13, 2016	Record of Non Quality Compliance	
2	SM-15-00009-BER-C-E-002	BER	Response on SM-15-00009-BER-E-C-011 after 28-days	July 25, 2016	Record of Non Quality Compliance	

# 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>• Plassim merididur 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		

**Al Berkah IR LOG**

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
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		
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		

**Al Berkah IR LOG**

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
58	IR-15-00009-BER-054-A	A	Casting concrete for RW walls: • Part (C) of segment (1-2). • Part (A, C) of segment (2-3). • Part (E) of segment (3-4).	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-059-B	B	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)	June 1, 2016	June 1, 2016	A		
65	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		
66	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		
67	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		
68	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		
69	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		
70	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		
71	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		
72	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		
73	IR-15-00009-BER-066-A	A	Casting concrete for Al Berkah reservoir foundation	June 5, 2016	June 5, 2016	A		
74	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		
75	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		
76	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		
77	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		
78	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		
79	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		
80	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		
81	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		
82	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		
83	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		

**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**



**Al Berkah IR LOG**

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
84	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		
85	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		
86	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		
87	IR-15-00009-BER-080-A	A	Start backfilling for external side of RW for segment (1-2) at Al Berkah construction site.	June 18, 2016	June 18, 2016	A		
88	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		
89	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		
90	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		
91	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		
92	IR-15-00009-BER-083-C	C	Casting concrete for the Electrical & Control Room blinding at Al Berkah construction site.	July 2, 2016	July 3, 2016	A		
93	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		
94	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		
95	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		
96	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		
97	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		
98	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		
99	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		
100	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		
101	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		
102	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		
103	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		
104	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		
105	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		
106	IR-15-00009-BER-093-A	A	Shuttering the first face of quarters (A, B) of the first layer for the reservoir's walls at Al Berkah construction site	July 4, 2016	July 4, 2016	A		
107	IR-15-00009-BER-094-A	A	Shuttering the first face for the Guard House walls at Al Berkah construction site	July 10, 2016	July 10, 2016	A		
108	IR-15-00009-BER-095-A	A	Shuttering the Electrical & Control Room foundation at Al Berkah construction site	July 10, 2016	July 11, 2016	C		
109	IR-15-00009-BER-095-B	B	Shuttering the Electrical & Control Room foundation at Al Berkah construction site	July 13, 2016	July 13, 2016	A		

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No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
110	IR-15-00009-BER-096-A	A	Steel reinforcement for the Electrical & Control Room foundation at Al Berkah construction site	July 10, 2016	July 11, 2016	C		
111	IR-15-00009-BER-096-B	B	Steel reinforcement for the Electrical & Control Room foundation at Al Berkah construction site	July 13, 2016	July 13, 2016	A		
112	IR-15-00009-BER-097-A	A	Electrical installation for the Electrical & Control Room foundation at Al Berkah construction site	July 10, 2016	July 11, 2016	C		
113	IR-15-00009-BER-097-B	B	Electrical installation for the Electrical & Control Room foundation at Al Berkah construction site	July 13, 2016	July 13, 2016	A		
114	IR-15-00009-BER-098-A	A	Casting concrete for Electrical & Control Room foundation at Al Berkah construction site	July 11, 2016	July 11, 2016	C		
115	IR-15-00009-BER-098-B	B	Casting concrete for Electrical & Control Room foundation at Al Berkah construction site	July 13, 2016	July 14, 2016	A		
116	IR-15-00009-BER-099-A	A	PP-R Pipes and fittings at Al Berkah Storage Yard.	July 11, 2016	July 11, 2016	C		
117	IR-15-00009-BER-099-B	B	PP-R Pipes and fittings at Al Berkah Storage Yard.	July 14, 2016	July 14, 2016	A		
118	IR-15-00009-BER-100-A	A	Steel reinforcement for the Guard House walls at Al Berkah construction site.	July 12, 2016	July 12, 2016	A		
119	IR-15-00009-BER-101-A	A	Electrical conduit and pre-installation for the Guard House walls at Al Berkah construction site	July 12, 2016	July 12, 2016	A		
120	IR-15-00009-BER-102-A	A	Mechanical pre-installation for the Guard House walls at Al Berkah construction site	July 12, 2016	July 12, 2016	A		
121	IR-15-00009-BER-103-A	A	Stainless steel spools as shown in attached list at Al Berkah Storage Yard.	July 12, 2016	July 13, 2016	C		
122	IR-15-00009-BER-103-B	B	Stainless steel spools as shown in attached list at Al Berkah Storage Yard.	July 18, 2016	July 18, 2016	A		
123	IR-15-00009-BER-104-A	A	Welding water stop for the reservoir's walls at Al Berkah Construction Site	July 12, 2016	July 13, 2016	C		
124	IR-15-00009-BER-104-B	B	Welding water stop for the reservoir's walls at Al Berkah Construction Site	July 13, 2016	July 13, 2016	C		
125	IR-15-00009-BER-104-C	C	Welding water stop for the reservoir's walls at Al Berkah Construction Site	July 16, 2016	July 16, 2016	A		
126	IR-15-00009-BER-105-A	A	Actions taken by contractor of the CMC environmental checklist for the month of June 2016 at Al Berkah Construction Site.	July 13, 2016	July 14, 2016	A		
127	IR-15-00009-BER-106-A	A	Steel reinforcement for quarters (A, B) of the first layer for the reservoir's walls at Al Berkah construction site.	July 16, 2016	July 17, 2016	A		
128	IR-15-00009-BER-107-A	A	Shuttering second face for the Guard House walls at Al Berkah construction site.	July 17, 2016	July 18, 2016	A		
129	IR-15-00009-BER-108-A	A	Casting concrete for the Guard House walls at Al Berkah construction site.	July 17, 2016	July 18, 2016	A		
130	IR-15-00009-BER-109-A	A	Mechanical & electrical pre-installation for reservoir walls of the first layer quarters (A, B) at Al Berkah Construction Site	July 17, 2016	July 18, 2016	A		
131	IR-15-00009-BER-110-A	A	Installation expandable water stop for reservoir walls of the first layer quarters (B) at Al Berkah Construction Site	July 17, 2016	July 17, 2016	A		
132	IR-15-00009-BER-111-A	A	Testing for the welded PP-R Pipes and fittings for disinfection building at Al Berkah Storage Yard	July 18, 2016	July 18, 2016	C		
133	IR-15-00009-BER-111-B	B	Testing for the welded PP-R Pipes and fittings for disinfection building at Al Berkah Storage Yard	July 19, 2016	July 19, 2016	A		
134	IR-15-00009-BER-112-A	A	Installation expandable water stop for reservoir walls of the first layer quarter (A) at Al Berkah Construction Site	July 19, 2016	July 19, 2016	A		
135	IR-15-00009-BER-113-A	A	Shuttering the second face of quarters (B) of the first layer for the reservoir's walls at Al Berkah construction site	July 19, 2016	July 20, 2016	A		



Al Berkah IR LOG

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
136	IR-15-00009-BER-114-A	A	Casting concrete for quarter (B) of the first layer for the reservoir's walls at Al Berkah construction site	July 20, 2016	July 20, 2016	A		
137	IR-15-00009-BER-115-A	A	Shuttering the second face of quarters (A) of the first layer for the reservoir's walls at Al Berkah construction site.	July 20, 2016	July 21, 2016	A		
138	IR-15-00009-BER-116-A	A	Casting concrete for quarter (A) of the first layer for the reservoir's walls at Al Berkah construction site	July 21, 2016	July 21, 2016	A		
139	IR-15-00009-BER-117-A	A	Steel reinforcement for the reservoir's columns (9 columns, first level "6.60 m") at Al Berkah construction site.	July 21, 2016	July 21, 2016	A		
140	IR-15-00009-BER-118-A	A	Concrete encasement for the PP-R pipes under Disinfection Building at Al Berkah construction site	July 21, 2016	July 21, 2016	A		
141	IR-15-00009-BER-119-A	A	Shuttering the first face of quarter (D) of the first level for the reservoir's walls at Al Berkah construction site	July 25, 2016	July 26, 2016	A		
142	IR-15-00009-BER-120-A	A	Steel reinforcement for quarters (D) of the first layer for the reservoir's walls at Al Berkah construction site.	July 25, 2016	July 26, 2016	A		
143	IR-15-00009-BER-121-A	A	Mechanical & electrical pre-installation for reservoir walls of the first level quarter (D) at Al Berkah Construction Site	July 25, 2016	July 26, 2016	A		
144	IR-15-00009-BER-122-A	A	Installation expandable water stop for reservoir walls of the first layer quarter (D) at Al Berkah Construction Site	July 25, 2016	July 26, 2016	A		
145	IR-15-00009-BER-123-A	A	Shuttering the first face of quarter (C) of the first level for the reservoir's walls at Al Berkah construction site.	July 26, 2016	July 27, 2016	A		
146	IR-15-00009-BER-124-A	A	Steel reinforcement for quarters (C) of the first layer for the reservoir's walls at Al Berkah construction site.	July 26, 2016	July 27, 2016	A		
147	IR-15-00009-BER-125-A	A	Mechanical & electrical pre-installation for reservoir walls of the first level quarter (C) at Al Berkah Construction Site	July 26, 2016	July 27, 2016	A		
148	IR-15-00009-BER-126-A	A	Installation expandable water stop for reservoir walls of the first layer quarter (C) at Al Berkah Construction Site	July 26, 2016	July 27, 2016	A		
149	IR-15-00009-BER-127-A	A	Shuttering the second face of quarter (D) of the first layer for the reservoir's walls at Al Berkah construction site.	July 27, 2016	July 27, 2016	A		
150	IR-15-00009-BER-128-A	A	Casting concrete for quarter (D) of the first layer for the reservoir's walls at Al Berkah construction site.	July 28, 2016	July 28, 2016	A		
151	IR-15-00009-BER-129-A	A	Casting plain concrete for the disinfection building at Al Berkah Construction Site.	July 27, 2016	July 28, 2016	A		
152	IR-15-00009-BER-130-A	A	Shuttering the second face of quarter (C) of the first layer for the reservoir's walls at Al Berkah construction site	July 30, 2016	July 31, 2016	A		
153	IR-15-00009-BER-131-A	A	Casting concrete for quarter (C) of the first layer for the reservoir's walls at Al Berkah construction site	July 31, 2016	July 31, 2016	A		

**INFRASTRUCTURE NEEDS PROGRAM INPII**  
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**Contract No. : AID-294-I-00-12-00002**  
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**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>• Plasmim 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		

**Maan IR LOG**

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
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		
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-044-B	B	Actions taken by contractor of the CMC environmental checklist for the month of May 2016 at Ma'an Construction Site.	July 13, 2016	July 14, 2016	A		
51	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		
52	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		
53	IR-15-00009-MAN-047-A	A	Stainless steel spoons as shown in attached list at Al Berkah Storage Yard	July 12, 2016	July 13, 2016	C		
54	IR-15-00009-MAN-047-B	B	Stainless steel spoons as shown in attached list at Al Berkah Storage Yard	July 18, 2016	July 18, 2016	A		
55	IR-15-00009-MAN-048-A	A	Actions taken by contractor of the CMC environmental checklist for the month of June 2016 at Ma'an Construction Site	July 13, 2016	July 14, 2016	A		
56	IR-15-00009-MAN-049-A	A	PP-R Pipes and fittings at Al Berkah Storage Yard.	July 14, 2016	July 14, 2016	A		
57	IR-15-00009-MAN-050-A	A	Compaction test for subgrade layer under disinfection building and electrical and control building (level +82.85) at Ma'an Construction Site	July 25, 2016	July 26, 2016	C		
58	IR-15-00009-MAN-051-A	A	Compaction test for subgrade layer under disinfection and electrical and control building (level +82.35) at Ma'an Construction Site.	July 26, 2016	July 26, 2016	A		
59	IR-15-00009-MAN-052-A	A	Compaction test for backfill layer (+82.45 & 82.65) under electrical and control building at Ma'an Construction Site.	July 27, 2016	July 27, 2016	A		
60	IR-15-00009-MAN-053-A	A	Casting plain concrete for the Electrical and Control building at Ma'an Construction Site.	July 30, 2016	July 31, 2016	A		
61	IR-15-00009-MAN-054-A	A	Compaction test for backfill layer (+82.45 & 82.65) under Disinfection building at Ma'an Construction Site.	July 31, 2016	August 1, 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
21	SUB-15-00009-GAZII-011-C	GAZII	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

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No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
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
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

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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
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
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

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No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
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
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

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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
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



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No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
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
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

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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
137	SUB-15-00009-GAZII-072-C	GAZII	C	Fire Alarm System – Electrical	Electrical Material	July 12, 2016	July 12, 2016	July 20, 2016	C
138	SUB-15-00009-GAZII-072-D	GAZII	D	Fire Alarm System – Electrical	Electrical Material	July 24, 2016	July 24, 2016		Under Review
139	SUB-15-00009-GAZII-073-A	GAZII	A	Key Personnel	Preconstruction	December 20, 2015	December 21, 2015	December 28, 2015	E
140	SUB-15-00009-GAZII-074-A	GAZII	A	Submittals Schedule	Preconstruction	December 20, 2015	December 21, 2015	January 3, 2016	B
141	SUB-15-00009-GAZII-075-A	GAZII	A	Quality Control Program (QCP)	Preconstruction	December 20, 2015	December 21, 2015	January 17, 2016	C
142	SUB-15-00009-GAZII-075-B	GAZII	B	Quality Control Program (QCP)	Preconstruction	January 28, 2016	January 28, 2016	February 16, 2016	B
143	SUB-15-00009-GAZII-076-A	GAZII	A	Safety Plane	Preconstruction	December 23, 2015	December 21, 2015	January 11, 2016	C
144	SUB-15-00009-GAZII-076-B	GAZII	B	Safety Plane	Preconstruction	January 13, 2016	January 14, 2016	January 31, 2016	A
145	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
146	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
147	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
148	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
149	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
150	SUB-15-00009-GAZII-079-A	GAZII	A	Strainer	Mechanical Material	December 23, 2015	December 23, 2015	January 3, 2016	C
151	SUB-15-00009-GAZII-079-B	GAZII	B	Strainer	Mechanical Material	January 17, 2016	January 17, 2016	January 26, 2016	A
152	SUB-15-00009-GAZII-080-A	GAZII	A	Pressure Gauges & Snubbers	Mechanical Material	December 23, 2015	December 23, 2015	January 11, 2016	C

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153	SUB-15-00009-GAZII-080-B	GAZII	B	Pressure Gauges & Snubbers	Mechanical Material	February 25, 2016	February 25, 2016	March 15, 2016	C
154	SUB-15-00009-GAZII-081-A	GAZII	A	Disinfection System Instruments	Mechanical & Electrical Material	December 23, 2015	December 23, 2015	January 17, 2016	C
155	SUB-15-00009-GAZII-081-B	GAZII	B	Disinfection System Instruments	Mechanical & Electrical Material	January 27, 2016	January 27, 2016	February 23, 2016	C
156	SUB-15-00009-GAZII-081-C	GAZII	C	Disinfection System Instruments	Mechanical & Electrical Material	March 20, 2016	March 20, 2016	March 29, 2016	C
157	SUB-15-00009-GAZII-081-D	GAZII	D	Disinfection System Instruments	Mechanical & Electrical Material	March 31, 2016	March 31, 2016	April 12, 2016	A
158	SUB-15-00009-GAZII-082-A	GAZII	A	Flap Valve	Mechanical Material	December 23, 2015	December 23, 2015	January 3, 2016	B
159	SUB-15-00009-GAZII-082-B	GAZII	B	Flap Valve	Mechanical Material	February 11, 2016	February 11, 2016	February 23, 2016	A
160	SUB-15-00009-GAZII-083-A	GAZII	A	Pumping Fixtures	Mechanical Material	December 23, 2015	December 23, 2015	January 3, 2016	A
161	SUB-15-00009-GAZII-084-A	GAZII	A	Original CPM Schedule Submittal	Preconstruction	December 27, 2015	December 27, 2015	January 24, 2016	C
162	SUB-15-00009-GAZII-084-B	GAZII	B	Original CPM Schedule Submittal	Preconstruction	March 1, 2016	March 1, 2016	March 21, 2016	C
163	SUB-15-00009-GAZII-084-C	GAZII	C	Original CPM Schedule Submittal	Preconstruction	March 28, 2016	March 28, 2016	April 26, 2016	B
164	SUB-15-00009-GAZII-084-D	GAZII	D	Original CPM Schedule Submittal	Preconstruction	May 9, 2016	May 9, 2016	May 22, 2016	A
165	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
166	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
167	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
168	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
169	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
170	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
171	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
172	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

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173	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
174	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
175	SUB-15-00009-GAZII-089-A	GAZII	A	Security Plan	Preconstruction	January 5, 2016	January 5, 2016	January 11, 2016	C
176	SUB-15-00009-GAZII-089-B	GAZII	B	Security Plan	Preconstruction	January 19, 2016	January 21, 2016	January 26, 2016	E
177	SUB-15-00009-GAZII-090-A	GAZII	A	Subcontractor Profile	Preconstruction	January 6, 2016	January 7, 2016	January 11, 2016	C
178	SUB-15-00009-GAZII-090-B	GAZII	B	Subcontractor Profile	Preconstruction	January 17, 2016	January 17, 2016	January 21, 2016	E
179	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
180	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
181	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
182	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
183	SUB-15-00009-GAZII-092-A	GAZII	A	Check valve	Mechanical Material	January 17, 2016	January 17, 2016	February 14, 2016	A
184	SUB-15-00009-GAZII-093-A	GAZII	A	Tapping saddles	Mechanical Material	January 17, 2016	January 17, 2016	January 31, 2016	C
185	SUB-15-00009-GAZII-093-B	GAZII	B	Tapping saddles	Mechanical Material	February 11, 2016	February 11, 2016	March 1, 2016	A
186	SUB-15-00009-GAZII-094-A	GAZII	A	Formwork System	Civil Material	January 19, 2016	January 21, 2016	February 10, 2016	C
187	SUB-15-00009-GAZII-094-B	GAZII	B	Formwork System (Reservoir Walls)	Civil Material	February 11, 2016	February 11, 2016	February 28, 2016	E
188	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
189	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
190	SUB-15-00009-GAZII-097-A	GAZII	A	Main Distribution Board	Shop drawing - Electrical	January 19, 2016	January 21, 2016	February 17, 2016	C
191	SUB-15-00009-GAZII-097-B	GAZII	B	Main Distribution Board	Shop drawing - Electrical	February 21, 2016	February 21, 2016	February 23, 2016	A

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192	SUB-15-00009-GAZII-098-A	GAZII	A	Sub Distribution Board	Shop drawing - Electrical	January 19, 2016	January 21, 2016	February 16, 2016	C
193	SUB-15-00009-GAZII-098-B	GAZII	B	Sub Distribution Board	Shop drawing - Electrical	February 21, 2016	February 21, 2016	March 3, 2016	A
194	SUB-15-00009-GAZII-099-A	GAZII	A	Dismantling Joint	Mechanical Material	January 21, 2016	January 21, 2016	February 3, 2016	A
195	SUB-15-00009-GAZII-100-A	GAZII	A	Grounding manhole	Electrical Material	January 21, 2016	January 21, 2016	January 28, 2016	A
196	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
197	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
198	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
199	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
200	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
201	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
202	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
203	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
204	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
205	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
206	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
207	SUB-15-00009-GAZII-105-A	GAZII	A	Pumping Pipes and Fittings	Mechanical Material	January 24, 2016	January 24, 2016	February 9, 2016	C
208	SUB-15-00009-GAZII-105-B	GAZII	B	Pumping Pipes and Fittings	Mechanical Material	March 27, 2016	March 27, 2016	March 31, 2016	C
209	SUB-15-00009-GAZII-106-A	GAZII	A	Flanged Ball Valves	Mechanical Material	January 24, 2016	January 24, 2016	February 8, 2016	C
210	SUB-15-00009-GAZII-106-B	GAZII	B	Flanged Ball Valves	Mechanical Material	February 11, 2016	February 11, 2016	February 23, 2016	A
211	SUB-15-00009-GAZII-107-A	GAZII	A	Polyethylene Storage Tanks	Mechanical Material	January 24, 2016	January 24, 2016	February 9, 2016	C

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212	SUB-15-00009-GAZII-107-B	GAZII	B	Polyethylene Storage Tanks	Mechanical Material	February 17, 2016	February 17, 2016	February 28, 2016	C
213	SUB-15-00009-GAZII-107-C	GAZII	C	Polyethylene Storage Tanks	Mechanical Material	March 9, 2016	March 9, 2016	March 13, 2016	A
214	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
215	SUB-15-00009-GAZII-109-A	GAZII	A	Solar Collection System	Mechanical Material	January 25, 2016	January 25, 2016	February 14, 2016	A
216	SUB-15-00009-GAZII-110-A	GAZII	A	Water Copper Tube	Mechanical Material	January 25, 2016	January 25, 2016	February 8, 2016	A
217	SUB-15-00009-GAZII-111-A	GAZII	A	Mechanical Coupling	Mechanical Material	January 25, 2016	January 25, 2016	February 14, 2016	C
218	SUB-15-00009-GAZII-111-B	GAZII	B	Mechanical Coupling	Mechanical Material	April 28, 2016	April 28, 2016	May 10, 2016	E
219	SUB-15-00009-GAZII-112-A	GAZII	A	HAVC Copper Tube - Mechanical	Mechanical Material	January 25, 2016	January 25, 2016	February 8, 2016	A
220	SUB-15-00009-GAZII-113-A	GAZII	A	Water Drain Bottle Trap	Mechanical Material	January 25, 2016	January 25, 2016	February 14, 2016	A
221	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
222	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
223	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
224	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
225	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
226	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
227	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
228	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
229	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
230	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

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231	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
232	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
233	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
234	SUB-15-00009-MAN-117-D	MAN	D	Maan 3800 m3 Reservoir – Mechanical Shop Drawing	Shop drawing - Mechanical	July 17, 2016	July 17, 2016	July 31, 2016	C
235	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
236	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
237	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
238	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
239	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
240	SUB-15-00009-GAZII-120-A	GAZII	A	Gate Valve PN16	Mechanical Material	January 28, 2016	January 28, 2016	February 16, 2016	C
241	SUB-15-00009-GAZII-120-B	GAZII	B	Gate Valve PN16	Mechanical Material	February 23, 2016	February 23, 2016	March 8, 2016	A
242	SUB-15-00009-GAZII-121-A	GAZII	A	Floor Drains	Mechanical Material	January 28, 2016	January 28, 2016	February 14, 2016	C
243	SUB-15-00009-GAZII-121-B	GAZII	B	Floor Drains	Mechanical Material	February 15, 2016	February 15, 2016	February 28, 2016	C
244	SUB-15-00009-GAZII-122-A	GAZII	A	Roof Drains	Mechanical Material	January 28, 2016	January 28, 2016	February 14, 2016	C
245	SUB-15-00009-GAZII-122-B	GAZII	B	Roof Drains	Mechanical Material	February 15, 2016	February 15, 2016	February 28, 2016	A
246	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
247	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
248	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

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**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
249	SUB-15-00009-GAZII-125-A	GAZII	A	Alternative -lighting fixture	Electrical Material	January 31, 2016	January 31, 2016	February 7, 2016	A
250	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
251	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
252	SUB-15-00009-BER-126-C	BER	C	Float Control Valve ( Al Berkah )	Mechanical Material	June 23, 2016	June 23, 2016	July 12, 2016	D
253	SUB-15-00009-BER-126-D	BER	D	Float Control Valve ( Al Berkah )	Mechanical Material	July 25, 2016	July 25, 2016		Under Review
254	SUB-15-00009-GAZII-127-A	GAZII	A	AC Units Guard House	Mechanical Material	January 31, 2016	January 31, 2016	February 7, 2016	C
255	SUB-15-00009-GAZII-127-B	GAZII	B	AC Units Guard House	Mechanical Material	February 15, 2016	February 15, 2016	February 28, 2016	A
256	SUB-15-00009-GAZII-128-A	GAZII	A	Concrete Curing Method Statement	Method Statement	January 31, 2016	January 31, 2016	February 24, 2016	B
257	SUB-15-00009-GAZII-128-B	GAZII	B	Concrete Curing Method Statement	Method Statement	March 10, 2016	March 10, 2016	March 21, 2016	A
258	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
259	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
260	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
261	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
262	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
263	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
264	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
265	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
266	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

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No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
267	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
268	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
269	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
270	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
271	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
272	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
273	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
274	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
275	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
276	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
277	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
278	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
279	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
280	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
281	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
282	SUB-15-00009-MAN-137-D	MAN	D	Ma'an Pipeline Shop Drawing	Shop drawing - Mechanical	July 28, 2016	July 28, 2016		Under Review
283	SUB-15-00009-GAZII-138-A	GAZII	A	Emergency shower (disinfection building)	Mechanical Material	February 3, 2016	February 3, 2016	February 16, 2016	C
284	SUB-15-00009-GAZII-138-B	GAZII	B	Emergency shower (disinfection building)	Mechanical Material	April 24, 2016	April 24, 2016	May 11, 2016	C

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285	SUB-15-00009-GAZII-138-C	GAZII	C	Emergency shower (disinfection building)	Mechanical Material	May 15, 2016	May 15, 2016	May 19, 2016	C
286	SUB-15-00009-GAZII-138-D	GAZII	D	Emergency shower (disinfection building)	Mechanical Material	June 7, 2016	June 7, 2016	June 16, 2016	B
287	SUB-15-00009-GAZII-138-E	GAZII	E	Emergency shower (disinfection building)	Mechanical Material	June 23, 2016	June 23, 2016	June 28, 2016	A
288	SUB-15-00009-GAZII-139-A	GAZII	A	Flange Ductile Iron Gasket	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	C
289	SUB-15-00009-GAZII-139-B	GAZII	B	Flange Ductile Iron Gasket	Mechanical Material	February 25, 2016	February 25, 2016	March 2, 2016	A
290	SUB-15-00009-GAZII-140-A	GAZII	A	Air Supply Grilles	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	C
291	SUB-15-00009-GAZII-140-B	GAZII	B	Air Supply Grilles	Mechanical Material	February 23, 2016	February 23, 2016	February 28, 2016	A
292	SUB-15-00009-GAZII-141 A	GAZII	A	Air Exhaust Grilles	Mechanical Material	February 3, 2016	February 3, 2016	February 21, 2016	A
293	SUB-15-00009-GAZII-142-A	GAZII	A	Potable Water Tank	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	D
294	SUB-15-00009-GAZII-143-A	GAZII	A	PVC Sheet	Civil Material	February 3, 2016	February 3, 2016	February 23, 2016	A
295	SUB-15-00009-GAZII-144-A	GAZII	A	Steel Fittings - FIP Products	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	C
296	SUB-15-00009-GAZII-144-B	GAZII	B	Steel Fittings - FIP Products	Mechanical Material	February 24, 2016	February 24, 2016	March 1, 2016	B
297	SUB-15-00009-GAZII-144-C	GAZII	C	Steel Fittings - FIP Products	Mechanical Material	March 27, 2016	March 27, 2016	March 31, 2016	A
298	SUB-15-00009-GAZII-145-A	GAZII	A	Steel Flanges	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	D
299	SUB-15-00009-GAZII-145-B	GAZII	B	Steel Flanges	Mechanical Material	February 23, 2016	February 23, 2016	February 28, 2016	A
300	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
301	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
302	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

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303	SUB-15-00009-GAZII-149-A	GAZII	A	Manhole Covers "750 mm"	Civil Material	February 7, 2016	February 7, 2016	February 25, 2016	C
304	SUB-15-00009-GAZII-149-B	GAZII	B	Manhole Covers "750 mm"	Civil Material	March 20, 2016	March 20, 2016	March 22, 2016	C
305	SUB-15-00009-GAZII-149-C	GAZII	C	Manhole Covers "750 mm"	Civil Material	April 4, 2016	April 4, 2016	April 28, 2016	B
306	SUB-15-00009-GAZII-150-A	GAZII	A	Manhole Steps	Civil Material	February 7, 2016	February 7, 2016	February 28, 2016	C
307	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
308	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
309	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
310	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
311	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
312	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
313	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
314	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
315	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
316	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
317	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
318	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

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319	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
320	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
321	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
322	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
323	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
324	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
325	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
326	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
327	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
328	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
329	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
330	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
331	SUB-15-00009-GAZII-166-A	GAZII	A	Chemical Storage Tank - Alternative	Mechanical Material	February 9, 2016	February 9, 2016	February 13, 2016	Retracted
332	SUB-15-00009-GAZII-166-A	GAZII	A	Chemical Storage Tank - Alternative	Mechanical Material	February 14, 2016	February 14, 2016	February 23, 2016	C
333	SUB-15-00009-GAZII-166-B	GAZII	B	Chemical Storage Tank - Alternative	Mechanical Material	May 3, 2016	May 3, 2016	May 15, 2016	C
334	SUB-15-00009-GAZII-166-C	GAZII	C	Chemical Storage Tank - Alternative	Mechanical Material	May 17, 2016	May 17, 2016	May 25, 2016	C

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335	SUB-15-00009-GAZII-167-A	GAZII	A	PAM Air Valves - Alternative	Mechanical Material	February 9, 2016	February 9, 2016	February 28, 2016	D
336	SUB-15-00009-GAZII-167-B	GAZII	B	PAM Air Valves - Alternative	Mechanical Material	March 3, 2016	March 3, 2016	March 8, 2016	E
337	SUB-15-00009-GAZII-168-A	GAZII	A	Galvanized Steel Roof Vent	Mechanical Material	February 9, 2016	February 9, 2016	February 17, 2016	D
338	SUB-15-00009-GAZII-168-B	GAZII	B	Galvanized Steel Roof Vent	Mechanical Material	March 24, 2016	March 24, 2016	April 10, 2016	C
339	SUB-15-00009-GAZII-168-C	GAZII	C	Galvanized Steel Roof Vent	Mechanical Material	May 8, 2016	May 8, 2016	May 15, 2016	C
340	SUB-15-00009-GAZII-168-D	GAZII	D	Galvanized Steel Roof Vent	Mechanical Material	June 8, 2016	June 8, 2016	June 9, 2016	A
341	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
342	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
343	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
344	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
345	SUB-15-00009-MAN-170-A	MAN	A	Float Control Valve (Maan)	Mechanical Material	February 11, 2016	February 11, 2016	February 17, 2016	C
346	SUB-15-00009-MAN-170-B	MAN	B	Float Control Valve (Maan)	Mechanical Material	February 24, 2016	February 24, 2016	March 21, 2016	C
347	SUB-15-00009-MAN-170-C	MAN	C	Float Control Valve (Maan)	Mechanical Material	June 23, 2016	June 23, 2016	July 12, 2016	D
348	SUB-15-00009-MAN-170-D	MAN	D	Float Control Valve (Maan)	Mechanical Material	July 25, 2016	July 25, 2016	July 28, 2016	Retracted
349	SUB-15-00009-GAZII-171-A	GAZII	A	BILCO Access Hatches	Civil Material	February 14, 2016	February 14, 2016	March 3, 2016	C
350	SUB-15-00009-GAZII-171-B	GAZII	B	BILCO Access Hatches	Civil Material	April 17, 2016	April 17, 2016	April 18, 2016	A

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351	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
352	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
353	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
354	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
355	SUB-15-00009-GAZII-173-B	GAZII	B	Warning Tape-Water Pipelines	Civil Material & Sample	July 18, 2016	July 18, 2016	July 25, 2016	A
356	SUB-15-00009-GAZII-174-A	GAZII	A	Filter Fabric (Geotextile)	Civil Material & Sample	February 21, 2016	February 21, 2016	March 3, 2016	A
357	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
358	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
359	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
360	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
361	SUB-15-00009-GAZII-177-A	GAZII	A	Confined Space Safety Plan	Construction	February 22, 2016	February 22, 2016	March 3, 2016	A
362	SUB-15-00009-GAZII-178-A	GAZII	A	Steel Fence & Posts	Civil Material	February 23, 2016	February 23, 2016	March 13, 2016	C
363	SUB-15-00009-GAZII-178-B	GAZII	B	Steel Fence & Posts	Civil Material	March 21, 2016	March 21, 2016	March 23, 2016	A
364	SUB-15-00009-GAZII-179-A	GAZII	A	BOOSTER PUMP CONTROL VALVE	Mechanical Material	February 23, 2016	February 23, 2016	March 21, 2016	D
365	SUB-15-00009-GAZII-179-B	GAZII	B	BOOSTER PUMP CONTROL VALVE	Mechanical Material	May 5, 2016	May 5, 2016	May 19, 2016	D
366	SUB-15-00009-GAZII-180-A	GAZII	A	Pressure Level Transmitters – Alternative	Mechanical Material	February 23, 2016	February 23, 2016	March 7, 2016	B

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367	SUB-15-00009-GAZII-180-B	GAZII	B	Pressure Level Transmitters – Alternative	Mechanical Material	March 27, 2016	March 27, 2016	April 5, 2016	A
368	SUB-15-00009-GAZII-181-A	GAZII	A	Excavation & Trenching Safety Plan	Construction	February 24, 2016	February 24, 2016	March 1, 2016	A
369	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
370	SUB-15-00009-GAZII-183-A	GAZII	A	Material and Method Statement for Expandable Water Stop Supercast SW30	Mechanical Material	February 25, 2016	February 25, 2016	March 7, 2016	C
371	SUB-15-00009-GAZII-183-B	GAZII	B	Pressure Switch- Mechanical	Mechanical Material	March 9, 2016	March 9, 2016	March 21, 2016	C
372	SUB-15-00009-GAZII-183-C	GAZII	C	Pressure Switch- Mechanical	Mechanical Material	July 4, 2016	July 4, 2016	July 20, 2016	C
373	SUB-15-00009-GAZII-184-A	GAZII	A	Pad Transformer- 400KVA	Electrical Material	February 28, 2016	February 28, 2016	March 21, 2016	C
374	SUB-15-00009-GAZII-184-B	GAZII	B	Pad Transformer- 400KVA	Electrical Material	April 6, 2016	April 6, 2016	May 5, 2016	C
375	SUB-15-00009-GAZII-185-A	GAZII	A	VFD Components -Schneider	Electrical Material	February 28, 2016	February 28, 2016	March 15, 2016	C
376	SUB-15-00009-GAZII-185-B	GAZII	B	VFD Components -Schneider	Electrical Material	March 28, 2016	March 28, 2016	April 21, 2016	C
377	SUB-15-00009-GAZII-185-C	GAZII	C	VFD Components -Schneider	Electrical Material	May 3, 2016	May 3, 2016	May 19, 2016	C
378	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
379	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
380	SUB-15-00009-GAZII-187-A	GAZII	A	Pressure Reducing Valve	Mechanical Material	February 29, 2016	February 29, 2016	March 21, 2016	C
381	SUB-15-00009-GAZII-187-B	GAZII	B	Pressure Reducing Valve	Mechanical Material	April 24, 2016	April 24, 2016	May 15, 2016	C
382	SUB-15-00009-GAZII-187-C	GAZII	C	Pressure Reducing Valve	Mechanical Material	May 22, 2016	May 22, 2016	June 7, 2016	C

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383	SUB-15-00009-GAZII-187-D	GAZII	D	Pressure Reducing Valve	Mechanical Material	June 19, 2016	June 19, 2016	July 12, 2016	D
384	SUB-15-00009-GAZII-187-E	GAZII	E	Pressure Reducing Valve	Mechanical Material	July 25, 2016	July 25, 2016		Under Review
385	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
386	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
387	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
388	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
389	SUB-15-00009-GAZII-190-A	GAZII	A	Side Manway Material Submittal	Mechanical Material	March 1, 2016	March 1, 2016	March 8, 2016	A
390	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
391	SUB-15-00009-BER-191-B	BER	B	Al Berkah Coordination study-Electrical	Electrical Material	July 3, 2016	July 3, 2016	July 17, 2016	B
392	SUB-15-00009-BER-191-C	BER	C	Al Berkah Coordination study-Electrical	Electrical Material	July 25, 2016	July 25, 2016		Under Review
393	SUB-15-00009-MAN-192-A	MAN	A	Maan Coordination study-Electrical	Electrical Material	March 1, 2016	March 1, 2016	March 21, 2016	C
394	SUB-15-00009-MAN-192-B	MAN	B	Maan Coordination study-Electrical	Electrical Material	July 17, 2016	July 17, 2016	July 26, 2016	B
395	SUB-15-00009-MAN-192-C	MAN	C	Maan Coordination study-Electrical	Electrical Material	July 28, 2016	July 28, 2016		Under Review
396	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
397	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
398	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

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399	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
400	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
401	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
402	SUB-15-00009-GAZII-196-A	GAZII	A	Seismic Cans	Civil Material	March 6, 2016	March 6, 2016	March 21, 2016	A
403	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
404	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
405	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
406	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
407	SUB-15-00009-GAZII-198-A	GAZII	A	Steel Pipe	Mechanical Material	March 9, 2016	March 9, 2016	March 13, 2016	A
408	SUB-15-00009-GAZII-199-A	GAZII	A	Flange Insulation Kit (SGM)	Mechanical Material	March 9, 2016	March 9, 2016	March 13, 2016	E
409	SUB-15-00009-GAZII-200-A	GAZII	A	Link Seal	Mechanical Material	March 9, 2016	March 9, 2016	March 13, 2016	A
410	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
411	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
412	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
413	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
414	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

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415	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
416	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
417	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
418	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
419	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
420	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
421	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
422	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
423	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
424	SUB-15-00009-GAZII-207-A	GAZII	A	Gaurd House Mechanical shop drawing	Shop drawing - Mechanical	March 17, 2016	March 17, 2016	April 3, 2016	C
425	SUB-15-00009-GAZII-207-B	GAZII	B	Gaurd House Mechanical shop drawing	Shop drawing - Mechanical	April 12, 2016	April 12, 2016	April 19, 2016	C
426	SUB-15-00009-GAZII-207-C	GAZII	C	Gaurd House Mechanical shop drawing	Shop drawing - Mechanical	April 28, 2016	April 28, 2016	May 3, 2016	A
427	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
428	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
429	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
430	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



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431	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
432	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
433	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
434	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
435	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
436	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
437	SUB-15-00009-BER-210-C	BER	C	Al Berkah vertical booster pump & motors - Alternative	Mechanical Material	June 23, 2016	June 23, 2016	July 12, 2016	C
438	SUB-15-00009-BER-210-D	BER	D	Al Berkah vertical booster pump & motors - Alternative	Mechanical Material	July 24, 2016	July 24, 2016		Under Review
439	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
440	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
441	SUB-15-00009-MAN-211-C	MAN	C	Ma'an vertical booster pump & motors - Alternative	Mechanical Material	June 23, 2016	June 23, 2016	July 12, 2016	C
442	SUB-15-00009-MAN-211-D	MAN	D	Ma'an vertical booster pump & motors - Alternative	Mechanical Material	July 24, 2016	July 24, 2016		Under Review
443	SUB-15-00009-GAZII-212-A	GAZII	A	Cast iron drainage system	Mechanical Material	March 24, 2016	March 24, 2016	March 31, 2016	A
444	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
445	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
446	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

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447	SUB-15-00009-GAZII-214-A	GAZII	A	PLC System - Electrical	Electrical Material	March 29, 2016	March 29, 2016	April 21, 2016	C
448	SUB-15-00009-GAZII-214-B	GAZII	B	PLC System - Electrical	Electrical Material	April 28, 2016	April 28, 2016	May 15, 2016	C
449	SUB-15-00009-GAZII-214-C	GAZII	C	PLC System - Electrical	Electrical Material	May 24, 2016	May 24, 2016	June 7, 2016	B
450	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
451	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
452	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
453	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
454	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
455	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
456	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
457	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
458	SUB-15-00009-GAZII-218-C	GAZII	C	Electromagnetic Flow Meter – Alternative	Mechanical & Electrical Material	June 29, 2016	June 29, 2016	July 20, 2016	C
459	SUB-15-00009-GAZII-219-A	GAZII	A	UPS System -Components	Electrical Material	April 3, 2016	April 3, 2016	April 21, 2016	C
460	SUB-15-00009-GAZII-219-B	GAZII	B	UPS System -Components	Electrical Material	May 10, 2016	May 10, 2016	May 16, 2016	C
461	SUB-15-00009-GAZII-220-A	GAZII	A	PVC Pipe (20") –Alternative	Mechanical Material	April 3, 2016	April 3, 2016	April 7, 2016	A
462	SUB-15-00009-GAZII-221-A	GAZII	A	Retaining Wall Formwork Design	Construction	April 3, 2016	April 3, 2016	April 7, 2016	E
463	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

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464	SUB-15-00009-GAZH-223-A	GAZH	A	Submittals Log Up to Date April 6, 2016	Construction	April 6, 2016	April 6, 2016	April 20, 2016	Retracted
465	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
466	SUB-15-00009-GAZII-224-A	GAZII	A	Dosing Pump	Mechanical Material	April 6, 2016	April 6, 2016	April 19, 2016	C
467	SUB-15-00009-GAZII-224-B	GAZII	B	Dosing Pump	Mechanical Material	April 24, 2016	April 24, 2016	April 28, 2016	A
468	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
469	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
470	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
471	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
472	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
473	SUB-15-00009-GAZII-227-A	GAZII	A	Reservoir Scaffolding Calculation Sheet	Construction	April 12, 2016	April 12, 2016	April 21, 2016	C
474	SUB-15-00009-GAZII-227-B	GAZII	B	Reservoir Scaffolding Calculation Sheet	Construction	May 15, 2016	May 15, 2016	May 24, 2016	B
475	SUB-15-00009-GAZII-227-C	GAZII	C	Reservoir Scaffolding Calculation Sheet	Construction	June 7, 2016	June 7, 2016	June 9, 2016	E
476	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
477	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
478	SUB-15-00009-GAZII-229-A	GAZII	A	VFD SIEMENS -Alternative	Electrical Material	April 20, 2016	April 20, 2016	May 15, 2016	C
479	SUB-15-00009-GAZH-229-B	GAZH	B	VFD SIEMENS -Alternative	Electrical Material	May 24, 2016	May 24, 2016	June 7, 2016	Retracted

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480	SUB-15-00009-GAZII-229-B	GAZII	B	VFD SIEMENS -Alternative	Electrical Material	June 14, 2016	June 14, 2016	July 3, 2016	C
481	SUB-15-00009-GAZII-229-C	GAZII	C	VFD SIEMENS -Alternative	Electrical Material	July 12, 2016	July 12, 2016	July 20, 2016	C
482	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
483	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
484	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
485	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
486	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
487	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
488	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
489	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
490	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
491	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
492	SUB-15-00009-BER-236-B	BER	B	Al Berkah pipeline Shop Drawing	Shop drawing - Civil	July 28, 2016	July 28, 2016		Under Review
493	SUB-15-00009-GAZII-237-A	GAZII	A	Strainer - Alternative	Mechanical Material	April 28, 2016	April 28, 2016	May 15, 2016	B
494	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
495	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

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496	SUB-15-00009-GAZII-240-A	GAZII	A	HVCP panel- (Disinfection)	Electrical Material	May 3, 2016	May 3, 2016	May 16, 2016	B
497	SUB-15-00009-GAZII-240-B	GAZII	B	HVCP panel- (Disinfection)	Electrical Material	May 17, 2016	May 17, 2016	May 19, 2016	A
498	SUB-15-00009-GAZII-241-A	GAZII	A	lightning protection system components	Electrical Material	May 3, 2016	May 3, 2016	May 16, 2016	C
499	SUB-15-00009-GAZII-241-B	GAZII	B	lightning protection system components	Electrical Material	May 17, 2016	May 17, 2016	May 19, 2016	A
500	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
501	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
502	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
503	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
504	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
505	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
506	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
507	SUB-15-00009-GAZII-246-A	GAZII	A	Pressure Sustaining Control valve	Mechanical Material	May 5, 2016	May 5, 2016	May 19, 2016	C
508	SUB-15-00009-GAZII-246-B	GAZII	B	Pressure Sustaining Control valve	Mechanical Material	July 4, 2016	July 4, 2016	July 13, 2016	C
509	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
510	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
511	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

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**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
512	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
513	SUB-15-00009-GAZII-251-A	GAZII	A	Filter Fabric (Geotextile) – with sample	Civil Material & Sample	May 10, 2016	May 10, 2016	May 22, 2016	C
514	SUB-15-00009-GAZII-251-B	GAZII	B	Filter Fabric (Geotextile) – with sample	Civil Material & Sample	July 3, 2016	July 3, 2016	July 18, 2016	A
515	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
516	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
517	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
518	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
519	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
520	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
521	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
522	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
523	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
524	SUB-15-00009-GAZII-258-A	GAZII	A	Flow Switch – Alternative	Shop drawing - Civil	May 15, 2016	May 15, 2016	May 18, 2016	A
525	SUB-15-00009-GAZII-259-A	GAZII	A	Reservoir Roof Slab & Columns Formwork	Construction	May 19, 2016	May 19, 2016	May 24, 2016	B
526	SUB-15-00009-GAZII-259-B	GAZII	B	Reservoir Roof Slab & Columns Formwork	Construction	June 7, 2016	June 7, 2016	June 8, 2016	E
527	SUB-15-00009-GAZII-260-A	GAZII	A	RIO Panel (disinfection)	Electrical Material	May 22, 2016	May 22, 2016	May 30, 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
528	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
529	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
530	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
531	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
532	SUB-15-00009-GAZII-263-B	GAZII	B	Concrete Ready-Mix Design for D1 (21MPa)	Civil Material	June 23, 2016	June 23, 2016	July 3, 2016	A
533	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
534	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
535	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
536	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
537	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
538	SUB-15-00009-GAZII-267-A	GAZII	A	Ultrasonic Level Transmitters	Mechanical Material	June 7, 2016	June 7, 2016	June 8, 2016	D
539	SUB-15-00009-GAZII-267-B	GAZII	B	Ultrasonic Level Transmitters	Mechanical Material	June 29, 2016	June 29, 2016	July 3, 2016	B
540	SUB-15-00009-GAZII-268-A	GAZII	A	Expansion Joint – Stenflex	Mechanical Material	June 7, 2016	June 7, 2016	June 8, 2016	C
541	SUB-15-00009-GAZII-268-B	GAZII	B	Expansion Joint – Stenflex	Mechanical Material	June 12, 2016	June 12, 2016	June 15, 2016	A
542	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
543	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

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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
544	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
545	SUB-15-00009-GAZII-271-A	GAZII	A	Submittal Schedule Monthly Update of May, 2016	Updated Submittal Scheduling	June 8, 2016	June 8, 2016	June 14, 2016	B
546	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
547	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
548	SUB-15-00009-GAZII-273-A	GAZH	A	Epoxy Bonding Agent	Civil Material	June 19, 2016	June 19, 2016	June 21, 2016	Retracted
549	SUB-15-00009-GAZII-273-A	GAZII	A	Updated Environmental Monitoring & Mitigation Plan (May, 2016)	Updated EMMP	June 23, 2016	June 23, 2016	July 3, 2016	A
550	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	July 3, 2016	C
551	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	July 3, 2016	C
552	SUB-15-00009-GAZII-275-B	GAZII	B	Precast Manhole 1.50x1.50 m - Shop Drawing	Shop drawing - Civil	July 12, 2016	July 12, 2016	July 26, 2016	B
553	SUB-15-00009-GAZII-275-C	GAZII	C	Precast Manhole 1.50x1.50 m - Shop Drawing	Shop drawing - Civil	July 28, 2016	July 28, 2016		Under Review
554	SUB-15-00009-BER-276-A	BER	A	Al Berkha Site Layout – Electrical Shop Drawing	Shop drawing - Electrical	June 26, 2016	June 26, 2016	July 3, 2016	C
555	SUB-15-00009-BER-276-B	BER	B	Al Berkha Site Layout – Electrical Shop Drawing	Shop drawing - Electrical	July 12, 2016	July 12, 2016	July 25, 2016	C
556	SUB-15-00009-GAZII-277-A	GAZII	A	PP-R Pipe for Disinfection Building	Mechanical Material	June 26, 2016	June 26, 2016	July 3, 2016	B
557	SUB-15-00009-GAZII-277-B	GAZII	B	PP-R Pipe for Disinfection Building	Mechanical Material	July 12, 2016	July 12, 2016	July 13, 2016	A
558	SUB-15-00009-MAN-278-A	MAN	A	Night Working- Maan	Construction	June 26, 2016	June 26, 2016	June 30, 2016	A
559	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

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No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
560	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	July 13, 2016	A
561	SUB-15-00009-GAZII-281-A	GAZII	A	Method Statement for Repairing Pipes Cement Mortar	Civil Material	June 27, 2016	June 27, 2016	July 13, 2016	A
562	SUB-15-00009-GAZII-282-A	GAZII	A	Harness Mechanical Coupling for Pump Discharge	Mechanical Material	June 27, 2016	June 27, 2016	July 3, 2016	A
563	SUB-15-00009-GAZII-283-A	GAZII	A	Heat Shrinkable Sleeves & Tapes for Pipes	Mechanical Material	June 27, 2016	June 27, 2016	July 3, 2016	A
564	SUB-15-00009-GAZII-284-A	GAZII	A	Reservoir Spools Formwork Shop Drawing & Calculation Sheets	Shop drawing - Mechanical	June 29, 2016	June 29, 2016	July 3, 2016	B
565	SUB-15-00009-GAZII-285-A	GAZII	A	Aluminum Rails	Mechanical Material	July 3, 2016	July 3, 2016	July 14, 2016	C
566	SUB-15-00009-GAZII-286-A	GAZII	A	Reservoir Sponge Rubber Sample for the Joint to between Wall and Roof Slab – With Sample	Civil Material	July 10, 2016	July 12, 2016	July 13, 2016	A
567	SUB-15-00009-GAZII-287-A	GAZII	A	Flange Adapter for Exist UPVC Pipes	Mechanical Material	July 12, 2016	July 12, 2016	July 13, 2016	C
568	SUB-15-00009-GAZII-287-B	GAZII	B	Flange Adapter for Exist UPVC Pipes	Mechanical Material	July 24, 2016	July 24, 2016		Under Review
569	SUB-15-00009-GAZII-288-A	GAZII	A	Steel Pipes for Network Line Chambers	Mechanical Material	July 12, 2016	July 12, 2016	July 17, 2016	B
570	SUB-15-00009-GAZII-289-A	GAZII	A	Expandable Water Stop Adhesive - With Sample	Civil Material	July 14, 2016	July 14, 2016	July 18, 2016	A
571	SUB-15-00009-MAN-290-A	MAN	A	Corrective Plan for the Noncompliance of Concrete Strength 28-day, Placed at Ma'an Reservoir Foundation.	Construction	July 14, 2016	July 14, 2016	July 25, 2016	B
572	SUB-15-00009-MAN-290-B	MAN	B	Corrective Plan for the Noncompliance of Concrete Strength 28-day, Placed at Ma'an Reservoir Foundation.	Construction	July 26, 2016	July 26, 2016	July 27, 2016	A
573	SUB-15-00009-GAZII-291-A	GAZII	A	Updated Environmental Monitoring & Mitigation Plan (June, 2016)	Updated EMMP	July 17, 2016	July 17, 2016	July 21, 2016	A
574	SUB-15-00009-GAZII-292-A	GAZII	A	Updated Construction Risk Management Program (CRMP) up to June 2016	Updated CRMP	July 17, 2016	July 17, 2016	July 21, 2016	A
575	SUB-15-00009-GAZII-293-A	GAZII	A	Updated Safety Plan up to June 2016	Updated Safety Plan	July 17, 2016	July 17, 2016	July 21, 2016	A

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No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
576	SUB-15-00009-GAZII-294-A	GAZII	A	Submittal Schedule Monthly Update of June, 2016	Updated Submittal Scheduling	July 17, 2016	July 17, 2016	July 21, 2016	B
577	SUB-15-00009-GAZII-295A	GAZII	A	Updated CPM Schedule Submittal June 30, 2016	Updated CPM Submittal	July 18, 2016	July 18, 2016	July 27, 2016	B
578	SUB-15-00009-GAZII-296-A	GAZII	A	Lighting Fixture -Alterative II	Electrical Material	July 18, 2016	July 18, 2016	July 26, 2016	C
579	SUB-15-00009-GAZII-296-B	GAZII	B	Lighting Fixture -Alterative II	Electrical Material	July 28, 2016	July 28, 2016		Under Review
580	SUB-15-00009-GAZII-297-A	GAZII	A	Galvanized Steel Pipes for Ventilation	Mechanical Material	July 18, 2016	July 18, 2016	July 24, 2016	B
581	SUB-15-00009-GAZII-298-A	GAZII	A	Epoxy Coating Material - Nitoflor FC130	Civil Material	July 19, 2016	July 19, 2016	July 31, 2016	A
582	SUB-15-00009-GAZII-299-A	GAZII	A	Epoxy Coating Material - Nitoflor FC150	Civil Material	July 19, 2016	July 19, 2016	July 31, 2016	A
583	SUB-15-00009-BER-300-A	BER	A	Al Berkah Fence – Shop Drawing	Shop drawing - Civil	July 24, 2016	July 24, 2016		Under Review
584	SUB-15-00009-MAN-301-A	MAN	A	Ma'an Site Layout – Electrical Shop Drawing	Shop drawing - Civil	July 25, 2016	July 25, 2016		Under Review
585	SUB-15-00009-MAN-302-A	MAN	A	Ma'an Transformer -400KVA	Shop drawing - Civil	July 28, 2016	July 28, 2016		Under Review
586	SUB-15-00009-GAZII-303-A	GAZII	A	PP-R Pipe for Disinfection Building- Pilsa	Shop drawing - Civil	July 28, 2016	July 28, 2016		Under Review
587	SUB-15-00009-GAZII-304-A	GAZII	A	Operator Laptop- PLC	Electrical Material	July 31, 2016	July 31, 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-001-B	B	Base Coarse Test Report Enbi Ha Negev Ha Ma'arb Ltd. Company – Trial 1	Material test	July 17, 2016	July 17, 2016	July 19, 2016	E	removed	
3	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	-
4	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	-
5	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
6	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	-
7	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
8	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	
9	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
10	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	
11	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
12	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	
13	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	
14	TEST-15-00009-BER-009-A	A	Backfilling Material	Material test	April 3, 2016	April 3, 2016	April 26, 2016	A	Passed	
15	TEST-15-00009-MAN-010-A	A	Lab Recommendation for Existing Percolation Pit – Ma'an	Test	April 3, 2016	April 3, 2016	April 24, 2016	Retracted		
16	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	
17	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
18	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	
19	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	

A = No Exceptions Noted  
 B = Exceptions Noted  
 E = Record Copy  
 C = Returned For Correction  
 D = Not Acceptable



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-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	
21	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
22	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	
23	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
24	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	
25	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	
26	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	
27	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
28	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	
29	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
30	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	
31	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	
32	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
33	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	
34	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	



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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)
35	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	
36	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	
37	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	
38	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
39	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	
40	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	
41	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	
42	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	
43	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	
44	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	
45	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	
46	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	
47	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	
48	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
49	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	



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)
50	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	
51	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	
52	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	
53	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	
54	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	
55	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	
56	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	
57	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
58	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	
59	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	
60	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	
61	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	
62	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	
63	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	
64	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	



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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)
65	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	
66	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
67	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	
68	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	
69	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	
70	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	
71	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	
72	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	
73	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	
74	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	
75	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	
76	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	
77	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	
78	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	
79	TEST-15-00009-GAZII-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	



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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)
80	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	
81	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	
82	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	
83	TEST-15-00009-GAZII-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	
84	TEST-15-00009-MAN-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	
85	TEST-15-00009-MAN-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	
86	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	
87	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 compaction test required
88	TEST-15-00009-BER-067-B	B	Compaction test for backfilling layer in construction site as shown in attached drawing	Compaction Test	July 3, 2016	July 3, 2016	July 4, 2016	A	Passed	
89	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 compaction test required
90	TEST-15-00009-BER-068-B	B	Compaction test for backfilling layer in construction site as shown in attached drawing	Compaction Test	July 3, 2016	July 3, 2016	July 4, 2016	A	Passed	
91	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	
92	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
93	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	
94	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	



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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)
95	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	
96	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	
97	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	
98	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	
99	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	
100	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	
101	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	
102	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	
103	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	
104	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	
105	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	
106	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	
107	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	
108	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	
109	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	July 4, 2016	C	Failed	under study



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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)
110	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	July 4, 2016	A	Passed	
111	TEST-15-00009-BER-088-A	A	Compressive Strength for 28 days of 35 MPa Concrete for Al Berkah reservoir foundation.	Concrete Compressive Strength	July 3, 2016	July 3, 2016	July 4, 2016	C	Failed	Modification Report
112	TEST-15-00009-BER-088-B	B	Compressive Strength for 28 days of 35 MPa Concrete for Al Berkah reservoir foundation.	Concrete Compressive Strength	July 10, 2016	July 10, 2016	July 13, 2016	A	Passed	
113	TEST-15-00009-BER-089-A	A	Compressive Strength for 28 days of 30 MPa Concrete for Al Berkah RW (walls) for part (E) of segment (1-2).	Concrete Compressive Strength	July 10, 2016	July 10, 2016	July 11, 2016	A	Passed	
114	TEST-15-00009-BER-090-A	A	Compressive Strength for 7 days of 14 MPa Concrete for the plain concrete of Al Berkah Electrical & Control Room	Concrete Compressive Strength	July 10, 2016	July 10, 2016	July 11, 2016	A	Passed	
115	TEST-15-00009-MAN-091-A	A	Compressive Strength for 28 days of 30 MPa Concrete for Ma'an RW walls Segment 6-6A Parts (A, C)	Concrete Compressive Strength	July 10, 2016	July 10, 2016	July 11, 2016	A	Passed	
116	TEST-15-00009-BER-092-A	A	Compressive Strength for 7 days of 35 MPa Concrete for Al Berkah Guard House Foundation	Concrete Compressive Strength	July 10, 2016	July 10, 2016	July 11, 2016	A	Passed	
117	TEST-15-00009-MAN-093-A	A	Compressive Strength for 28 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	July 10, 2016	July 10, 2016	July 11, 2016	A	Passed	
118	TEST-15-00009-BER-094-A	A	Compressive Strength for 28 days of 14 MPa Concrete for the blinding of Al Berkah Guard House	Concrete Compressive Strength	July 19, 2016	July 19, 2016	July 21, 2016	A	Passed	
119	TEST-15-00009-BER-095-A	A	Compressive Strength for 7 days of 35 MPa Concrete for the foundation of Al Berkah Electrical and Control Room	Concrete Compressive Strength	July 25, 2016	July 25, 2016	July 26, 2016	A	Passed	
120	TEST-15-00009-BER-096-A	A	Compressive Strength for 7 days of 35 MPa Concrete for the Al Berkah Guard House walls	Concrete Compressive Strength	July 27, 2016	July 27, 2016	August 1, 2016	A	Passed	
121	TEST-15-00009-BER-097-A	A	Compressive Strength for 28 days of 35 MPa Concrete for Al Berkah Guard House Foundation	Concrete Compressive Strength	July 27, 2016	July 27, 2016	August 1, 2016	A	Passed	
122	TEST-15-00009-BER-098-A	A	Compressive Strength for 7 days of 35 MPa Concrete for quarters (B) of the first layer for the Al Berkah reservoir's walls	Concrete Compressive Strength	July 28, 2016	July 28, 2016	August 1, 2016	A	Passed	
123	TEST-15-00009-BER-099-A	A	Compressive Strength for 7 days of 35 MPa Concrete for quarters (A) of the first layer for the Al Berkah reservoir's walls	Concrete Compressive Strength	July 31, 2016	July 31, 2016		Under Review		
124	TEST-15-00009-MAN-100-A	A	Compaction test for the subgrade layer under Ma'an Electrical and Control Building	Concrete Compressive Strength	July 31, 2016	July 31, 2016		Under Review		



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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)
125	TEST-15-00009-MAN-101-A	A	Compaction test for the backfilling layer under Ma'an Electrical and Control Building	Concrete Compressive Strength	July 31, 2016	July 31, 2016		Under Review		
126	TEST-15-00009-BER-102-A	A	Compressive Strength for 28 days of 14 MPa Concrete for Al Berkah Electrical and Control Building blinding	Concrete Compressive Strength	July 31, 2016	July 31, 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-GAZIIC-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-GAZIIC-E.002	GAZII	RFI TOP-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-GAZIIC-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-GAZIIC-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-GAZIIC-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-GAZIIC-E.006	GAZII	RFI TOP-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-GAZIIC-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-GAZIIC-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-GAZIIC-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-GAZIIC-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-GAZIIC-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-GAZIIC-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-GAZIIC-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
15	RFI-15-00009-GAZIIC-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

**REQUEST FOR INFORMATION LOG**

No.	RFI No.	Project	REF.	Description	Submitted Date	Contract Due Date	Response Date	Review Days	Response
17	RFI-15-00009-GAZIIC-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-GAZIIC-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 submitte 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	July 26, 2016	29	Response
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	July 26, 2016	29	Response
26	RFI-15-00009-GAZII-C-E-025	GAZII	B.O.Q item no. 4.3.6, 5.3.6,	CMU Veneer Walls	July 3, 2016	August 2, 2016	July 26, 2016	23	Not Accepted
27	RFI-15-00009-GAZII-C-E-026	GAZII	Standard Specifications Section 13562 ParaQraph 2-2.02.01 & 2-2.02.02	Electromagnetic Flowmeters	July 3, 2016	August 2, 2016	July 18, 2016	15	Accepted

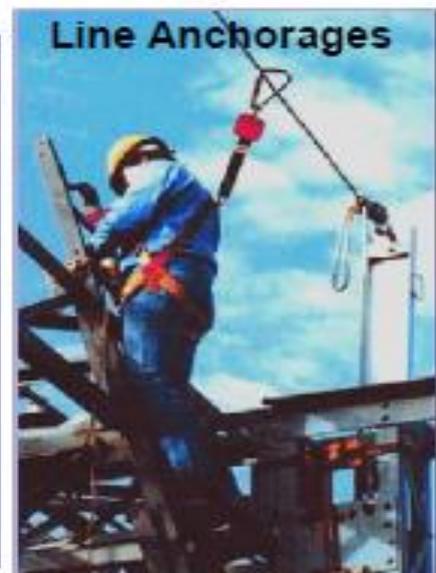
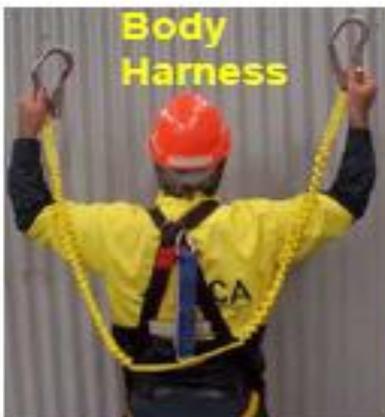
## **Annex J – Safety Flyers**



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

**Fall Protection**

1. Fall protection is required when an employee is working on more than 1.8 metres (6 feet) above the ground and the work is conducted outside of safe released scaffolding or a permanent platforms.
2. Fall protection can be by the use of:
  - 2.1. Approved body harness with a double lanyards of not more than 1.5 meters (5 feet) in length, and shock absorber,
  - 2.2 Guardrails of toe board, mid rail, and top rails of 35"-45" high,
  - 2.3. Safety line anchorages capable of supporting at least two tones (5000 Lb.)
  - 2.4 Static lifeline, Wire runners, Inertia rails or other means of continuously attaching to body safety harnesses must be provided when climbing long ladders, working on top of tanks or similar jobs.
3. Fall protection is also required when working on man-lift, crane basket, on a platform which cannot be fitted with handrails, or over open water.
4. Climbing ladders of less than 9 meters is allowed without attaching the lanyard. When the employee reaches a work area the lanyard must be attached.





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

- 1. Considerations for manual handling:**
  - I. Know your capabilities.
  - II. Can you handle the load yourself, or do you need assistance?
  - III. Establish the weight of the load before lifting.
  - IV. Carry out a trial lift by rocking the load from side to side then try lifting it in a small amount to get a 'feel' for it.
  - V. Maximum allowable load for the man is 25 kg & for women 20 kg.
  - VI. Always wear work gloves when handling materials.
  - VII. Wear safety boots or shoes to protect from falling loads.
  - VIII. Gangways shall be left to allow easy access to all materials, either by personnel or mechanical lifting equipment as appropriate.
  
- 2. Good Handling Technique:**
  - I. Stand reasonably close to the load, pointing in the direction you're going.
  - II. Bend your knees and keep your back straight.
  - III. Get a secure grip on the load.
  - IV. Breathe in before lifting as this helps to support the spine.
  - V. Use a good lifting technique, lift using your legs not your back.
  - VI. Keep the load close to your body.
  - VII. Don't carry a load that obscures your vision.
  - VIII. Lift slowly and smoothly.
  - IX. Avoid twisting your body when lifting or carrying a load.
  - X. When two or more people lift a load, one person must take control to coordinate the lift.
  
- 3. Always use mechanical handling methods instead of manual handling if possible.**
- 4. All materials shall be properly stored on racks or pallets**
- 5. Notify your Line Manager of any medical condition that could affect your ability to handle loads.**
- 6. Do not continue the task if you feel pain/discomfort. Tell your Line Manager and Supervisor**
- 7. BAD MANUAL HANDLING TECHNIQUES CAUSE INJURIES**



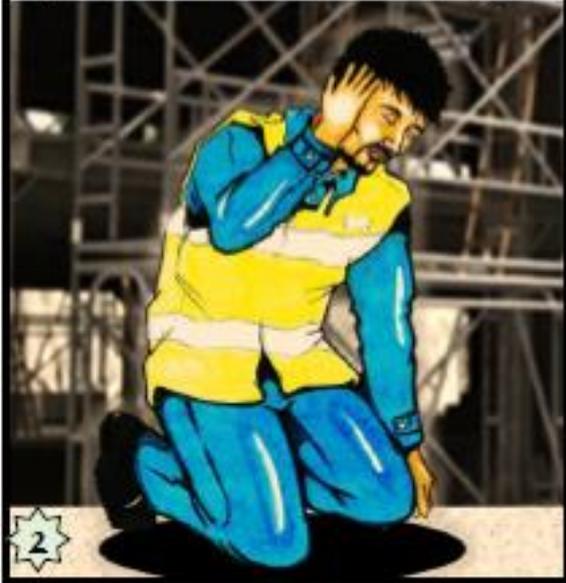
MW



Heat exhaustion can advance to heat stroke. Move the victim to a cool, shaded area. Don't leave the person alone..



If symptoms include dizziness or lightheadedness, lay the victim on his back and elevate his legs..

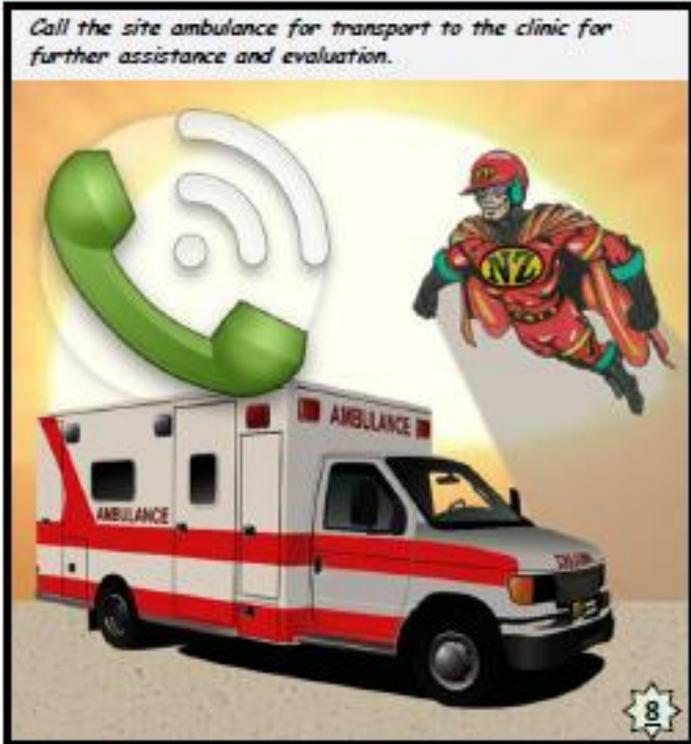
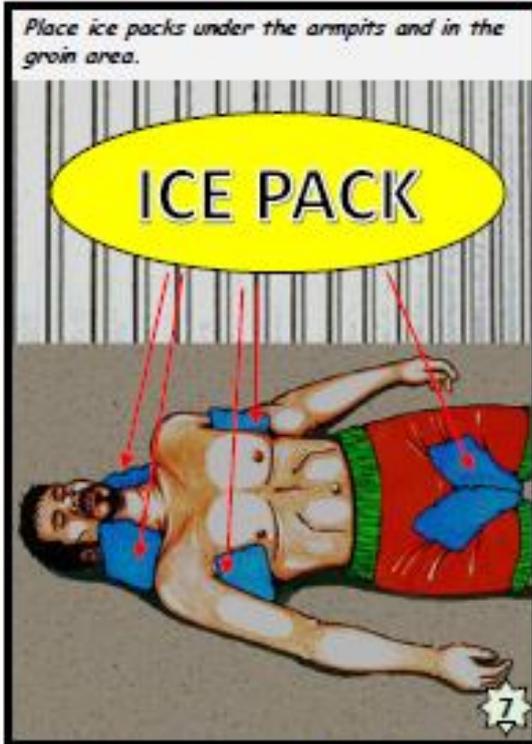


If the symptoms include nausea or vomiting, place the victim on his side.



Loosen and remove any heavy clothing. Check and monitor his body temperature..





**Captain No Zone Says:**

*"Don't leave heat safety in the dust, staying hydrated is a must."*

*Don't miss the upcoming adventures of Captain No Zone!*



CNZ Magazine (Heat Stress)





# **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** July 1, 2016 **To** July 31, 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								
July 1, 2016	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	
July 2, 2016	4	4	4	4	8	8	4	4	4	8	0	48	6	0	40	4	4	16	40	2.0	5.0	6.8	5.0	8.0	25.8	1.0	
July 3, 2016	4	4	4	4	8	8	4	4	4	8	0	32	0	0	32	4	4	16	40	2.0	5.0	4.0	4.0	8.0	22.0	1.0	
July 4, 2016	4	4	4	4	8	8	4	4	4	8	0	32	0	0	32	4	4	16	40	2.0	5.0	4.0	4.0	8.0	22.0	1.0	
July 5, 2016	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	
July 6, 2016	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	
July 7, 2016	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	
July 8, 2016	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	
July 9, 2016	4	4	4	4	8	10	4	0	0	4	12	0	110	0	0	100	4	5	20	40	2.0	4.8	13.8	12.5	8.6	40.1	1.5
July 10, 2016	4	5	4	4	8	10	4	4	4	4	9	0	140	2	0	140	4	5	20	40	2.1	5.4	17.8	17.5	8.6	50.3	1.1
July 11, 2016	4	5	4	4	0	10	4	4	4	4	9	0	140	1	0	140	4	5	20	40	2.1	4.4	17.6	17.5	8.6	49.1	1.1
July 12, 2016	4	5	4	4	0	10	4	4	4	4	9	0	140	6	0	140	4	5	20	40	2.1	4.4	18.3	17.5	8.6	49.8	1.1
July 13, 2016	4	5	4	4	0	10	4	4	4	4	9	0	120	0	0	140	4	5	20	40	2.1	4.4	15.0	17.5	8.6	46.5	1.1
July 14, 2016	4	5	4	4	0	0	4	4	4	4	9	0	80	4	0	120	4	5	20	40	2.1	3.1	10.5	15.0	8.6	38.3	1.1
July 15, 2016	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	
July 16, 2016	4	5	4	4	0	0	4	4	4	4	9	0	100	0	0	70	4	5	20	40	2.1	3.1	12.5	8.8	8.6	34.0	1.1
July 17, 2016	4	5	4	4	0	0	4	4	4	4	9	0	70	0	0	90	4	5	20	40	2.1	3.1	8.8	11.3	8.6	32.8	1.1
July 18, 2016	4	5	4	4	0	0	4	4	4	4	9	0	50	8	0	70	4	5	20	40	2.1	3.1	7.3	8.8	8.6	28.8	1.1
July 19, 2016	4	5	4	4	0	0	4	4	4	4	9	0	100	8	0	90	4	5	20	40	2.1	3.1	13.5	11.3	8.6	37.5	1.1
July 20, 2016	4	5	4	4	0	0	4	4	4	4	9	0	100	5	0	90	4	5	20	40	2.1	3.1	13.1	11.3	8.6	37.1	1.1
July 21, 2016	4	5	4	4	8	0	4	4	4	4	9	0	100	5	0	90	4	5	20	40	2.1	4.1	13.1	11.3	8.6	38.1	1.1
July 22, 2016	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	
July 23, 2016	4	5	4	4	8	0	4	4	4	4	9	0	100	11	0	50	4	5	20	40	2.1	4.1	13.9	6.3	8.6	33.9	1.1
July 24, 2016	4	5	4	0	8	10	4	4	4	4	9	0	80	10	0	110	4	5	20	40	1.6	5.4	11.3	13.8	8.6	39.5	1.1
July 25, 2016	4	5	4	0	0	10	4	4	4	4	9	0	80	4	0	70	4	5	20	40	1.6	4.4	10.5	8.8	8.6	32.8	1.1
July 26, 2016	4	5	4	0	8	10	4	4	4	4	9	0	70	8	0	80	4	5	20	40	1.6	5.4	9.8	10.0	8.6	34.3	1.1
July 27, 2016	4	5	4	4	8	10	4	4	4	4	9	0	70	7	0	100	4	5	20	40	2.1	5.4	9.6	12.5	8.6	37.1	1.1
July 28, 2016	4	5	4	4	8	10	4	4	4	4	9	0	50	4	0	80	4	5	20	40	2.1	5.4	6.8	10.0	8.6	31.8	1.1
July 29, 2016	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	
July 30, 2016	4	5	4	4	8	10	4	4	4	4	9	0	50	2	0	80	4	5	20	40	2.1	5.4	6.5	10.0	8.6	31.5	1.1
July 31, 2016	4	5	4	4	8	10	4	4	4	4	9	0	60	8	0	60	4	5	20	40	2.1	5.4	8.5	7.5	8.6	31.0	1.1
<b>Total of Month</b>	<b>92.0</b>	<b>111.0</b>	<b>92.0</b>	<b>80.0</b>	<b>104.0</b>	<b>144.0</b>	<b>92.0</b>	<b>88.0</b>	<b>88.0</b>	<b>92.0</b>	<b>207.0</b>	<b>0.0</b>	<b>1922.0</b>	<b>99.0</b>	<b>0.0</b>	<b>2014.0</b>	<b>92.0</b>	<b>112.0</b>	<b>448.0</b>	<b>1112.0</b>	<b>46.9</b>	<b>101.9</b>	<b>252.6</b>	<b>251.8</b>	<b>220.5</b>	<b>847.8</b>	<b>25.9</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 July 1, 2016 To July 31, 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							
July 1, 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
July 2, 2016	4	4	4	4	8	4	4	4	4	8	0	0	0	0	4	4	8	24	2.0	4.0	0.0	0.0	5.0	10.0	1.0	
July 3, 2016	4	4	4	4	8	4	4	4	4	8	0	0	0	0	4	4	8	24	2.0	4.0	0.0	0.0	5.0	10.0	1.0	
July 4, 2016	4	4	4	4	8	4	4	4	4	8	0	0	0	0	4	4	8	24	2.0	4.0	0.0	0.0	5	10.0	1.0	
July 5, 2016	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	
July 6, 2016	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	
July 7, 2016	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	
July 8, 2016	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	
July 9, 2016	4	4	4	4	8	4	0	0	4	4	0	0	0	0	4	0	8	24	2.0	2.5	0.0	0.0	4.5	8.5	0.5	
July 10, 2016	4	5	4	4	8	4	4	4	4	9	0	0	0	0	4	5	10	24	2.1	4.1	0.0	0.0	5.4	10.5	1.1	
July 11, 2016	4	5	4	4	0	4	4	4	4	9	0	0	0	0	4	5	10	24	2.1	3.1	0.0	0.0	5.375	9.5	1.1	
July 12, 2016	4	5	4	4	8	4	4	4	4	9	0	0	0	0	4	5	10	24	2.1	4.1	0.0	0.0	5.4	10.5	1.1	
July 13, 2016	4	5	4	4	8	4	4	4	4	9	0	0	0	0	4	5	10	24	2.1	4.1	0.0	0.0	5.4	10.5	1.1	
July 14, 2016	4	5	4	4	8	4	4	4	4	9	0	0	0	0	4	5	8	24	2.1	4.1	0.0	0.0	5.1	10.3	1.1	
July 15, 2016	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	
July 16, 2016	4	5	4	4	8	4	4	4	4	9	0	0	0	20	4	5	10	24	2.1	4.1	0.0	2.5	5.4	13.0	1.1	
July 17, 2016	4	5	4	4	8	4	4	4	4	9	0	0	0	20	4	5	10	24	2.1	4.1	0.0	2.5	5.4	13.0	1.1	
July 18, 2016	4	5	4	4	8	4	4	4	4	9	0	0	0	20	4	5	10	24	2.1	4.1	0.0	2.5	5.375	13.0	1.1	
July 19, 2016	4	5	4	4	8	4	4	4	4	9	0	0	0	20	4	5	10	24	2.1	4.1	0.0	2.5	5.4	13.0	1.1	
July 20, 2016	4	5	4	4	8	4	4	4	4	9	0	0	0	0	4	5	10	24	2.1	4.1	0.0	0.0	5.4	10.5	1.1	
July 21, 2016	4	5	4	4	8	4	4	4	4	9	0	0	0	0	4	5	10	24	2.1	4.1	0.0	0.0	5.4	10.5	1.1	
July 22, 2016	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	
July 23, 2016	4	5	4	4	8	4	4	4	4	9	0	20	8	0	4	5	10	24	2.1	4.1	3.5	0.0	5.4	14.0	1.1	
July 24, 2016	4	5	4	0	8	4	4	4	4	9	0	20	8	0	4	5	10	24	1.6	4.1	3.5	0.0	5.4	13.5	1.1	
July 25, 2016	4	5	4	0	8	4	4	4	4	9	0	10	6	0	4	5	10	24	1.6	4.1	2.0	2.5	5.375	14.5	1.1	
July 26, 2016	4	5	4	0	8	4	4	4	4	9	0	10	3	0	4	5	10	24	1.6	4.1	1.6	2.5	5.4	14.1	1.1	
July 27, 2016	4	5	4	4	8	4	4	4	4	9	0	20	3	0	4	5	10	24	2.1	4.1	2.9	2.5	5.4	15.9	1.1	
July 28, 2016	4	5	4	4	8	4	4	4	4	9	0	10	1	0	4	5	10	24	2.1	4.1	1.4	2.5	5.4	14.4	1.1	
July 29, 2016	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	
July 30, 2016	4	5	4	4	8	4	4	4	4	9	0	10	4	0	4	5	10	24	2.1	4.1	1.8	2.5	5.4	14.8	1.1	
July 31, 2016	4	5	4	4	8	4	4	4	4	9	0	10	0	0	4	5	10	24	2.1	4.1	1.3	2.5	5.4	14.3	1.1	
<b>Total of Month</b>	<b>92.0</b>	<b>111.0</b>	<b>92.0</b>	<b>80.0</b>	<b>176.0</b>	<b>92.0</b>	<b>88.0</b>	<b>88.0</b>	<b>92.0</b>	<b>199.0</b>	<b>0.0</b>	<b>110.0</b>	<b>33.0</b>	<b>0.0</b>	<b>200.0</b>	<b>92.0</b>	<b>107.0</b>	<b>220.0</b>	<b>732.0</b>	<b>46.9</b>	<b>91.9</b>	<b>17.9</b>	<b>25.0</b>	<b>143.9</b>	<b>300.6</b>	<b>24.9</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

PERIOD FROM: October 26, 2015

CONTRACTOR: The Morganti Group, Inc.

PERIOD TO: July 31, 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	46.9	101.9	252.6	251.8	220.5	873.6	36.7	847.8	25.9	
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		409.1	1168.1	840.5	1035.6	1652.3	5105.6	214.5	4886.0	219.6	
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		409.1	1168.1	840.5	1035.6	1652.3	5105.6	214.5	4886.0	219.6	

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: July 31, 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	46.9	91.9	17.9	25.0	143.9	325.5	13.7	300.6	24.9	
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		407.8	1067.0	380.4	494.9	1150.4	3500.4	147.1	3281.8	218.6	
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		407.8	1067.0	380.4	494.9	1150.4	3500.4	147.1	3281.8	218.6	

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	6	9
	Medium/ Serious	2	4	6
	Low/ Marginal	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			MONITORING & CONTROLLING	
REF	CATEGORY	RISK	RISK CAUSE	IMPACT /CONSE	RAISED BY	DATE RAISED	PROBA BILITY	IMPACT	RISK RATING	COST IMPACT	SCHEDULE IMPACT	RESPONSE STRATEGY	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	TMGI	Closed	
2	Design															
3	Construction phase	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	Mitigated	Intensive coordination with Related Authorities	TMGI	Closed	
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	