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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.  
April, 2016



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

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

Construction of Reservoirs and Pumping Facilities Package II

## **Construction Monthly Progress Report**

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

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

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## MONTHLY PROGRESS REPORT NO. 06

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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.

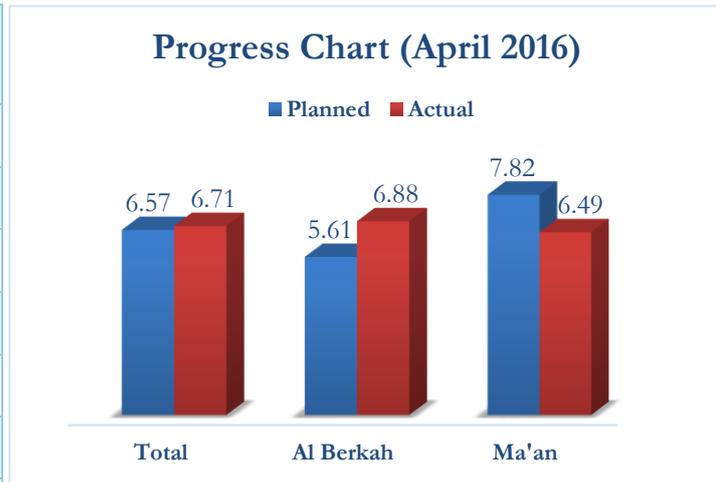
The objective of this Task Order is to construct two new water reservoirs, two new booster pump stations, and their associated supply and distribution pipelines, in order to improve distribution and increase access to clean drinking water to the population of Gaza.

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.

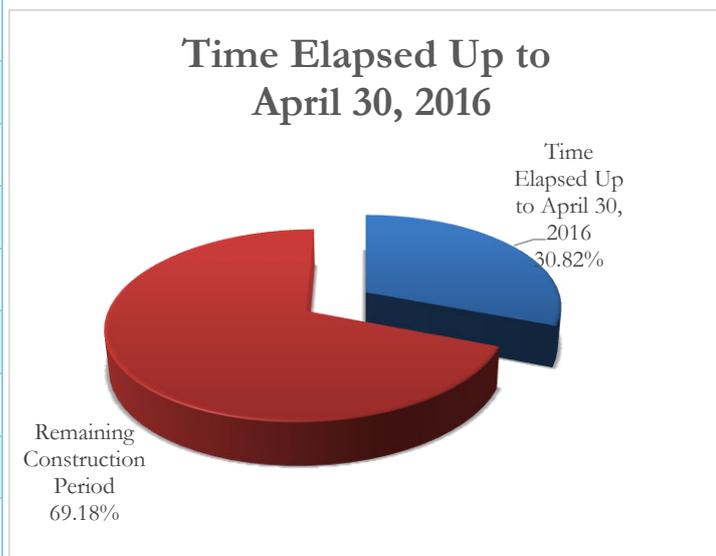


### 2.2 Projects General Information

<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 & Veach
<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 March 31, 2016</b>	188 Days
<b>Percentage of time elapsed</b>	30.82%
<b>Contractual End Date:</b>	June 26, 2017



Planned and Actual Progress Percentages are based on submitted CPM schedule



### 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 29, 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>	5.61%
<b>Actual Percentage of Completion</b>	6.88%

### 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) Guard House
- 6) Sanitary sewer, septic tank and seepage pit
- 7) Diesel Generator (Backup power)
- 8) Primary Power Supply & Transformer
- 9) 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>	7.82%
<b>Actual Percentage of Completion</b>	6.49%

### 3.2.4 Project Key Map



### 3.2.5 Vantage Photo



## 4. Safety

Morganti is updating Safety Plan for month of April 2016, and it will be submitted for CMC approval, 10 hours- OSHA Training was conducted on April 11, 2016 by CMC for project staff. Moreover, Safe Summer Campaign took place on this month and this campaign included distributing flyers, Safety Magazine, Safety Alert and conducting Safety Tool Box Meeting with heat stress, Safe Summer & Heat Stroke subjects.

Monthly Safety Incentive scheme is prepared to motivate and encourage project personnel to execute their job in a safe manner and to eliminate unsafe work practices.

### 4.1 Safety Tool Box Meetings

#### 4.1.1 Project 01 - Al Berkah

Date	Tool Box Meeting No.	Location	Subject	Brief
April 17, 2016	TBM-15-00009-C-E-014	Construction Site	Shortcuts	The Tool Box Meeting conducted for labors, surveyor & engineers and discussed Shortcuts Subject. Shortcuts are more dangerous at heights. Better productivity is achieved by working MORE effectively, NOT faster. All groups must adhere with safety Roles and procedures during work and avoid dangerous situations or routes.
April 21, 2016	TBM-15-00009-C-E-015	Construction Site	Hand Safety	All groups must adhere with safety Roles and procedures during work. Injuries to hands and fingers are the most frequent type of injury. Even the smallest injury must be reported. To prevent hand injuries, wear the proper work gloves.
April 24, 2016	TBM-15-00009-C-E-016	Construction Site	Heat Stress	The Tool Box Meeting conducted for labors, surveyor & engineers and discussed Heat Stress Subject. Definitions of Heat Stress, Heat exhaustion and Heat Stroke. Heat exhaustion symptoms. First Aid for heat exhaustion and heat stroke
April 26, 2016	TBM-15-00009-C-E-017	Construction Site	PPE	The Tool Box Meeting conducted for labors and discussed PPE Subject. All groups must wear PPE. The importance of PPE. Required PPE for each activities. The responsibilities of the labors regarding PPE

#### 4.1.2 Project 02 – Ma'an

Date	Tool Box Meeting No.	Location	Subject	Brief
April 12, 2016.	TBM-15-00009-C-E-013	Construction Site	Ladders	The Tool Box Meeting conducted for labors and discussed Ladders Subject. See attached brochure regarding Ladders. Excavation & Trenches are mentioned in this TBM. Adherence with PPEs Procedure is mandatory. Proper access to and over trenches should be installed.

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

### 5.1.1 Project 01 - Al Berkah

Environmental Monitoring and mitigation plan (EMMP) was updated for the month of April 2016, Environmental Check list (ECL) was received from CMC for the month of March 2016 and Morganti is working on closing CMC comments and remarks.

The remarks as per ECL are:

Item No.	Item	Actions will be taken	Status
1.1	Health, Safety, Environmental and Risk Management Plans and first aid kit are onsite	First aid kits need to be refilled with all required material	Closed
1.5	Waste Management: Good housekeeping; sub-contractors are aware of waste procedure for hazardous and non-hazardous waste (appropriate disposal sites and proper management and reporting of accidental spills or discharges of hazardous waste)	Contractor to provide garbage drum at site & storage yard to collect all generated solid wastes	Closed
1.6	Fire Protection and Prevention: Inspect fire station and flammable storage; signs should be posted for designated smoking and no smoking areas	Contractor to provide signs for smoking area	Closed
2.4	Install and maintain mufflers on the exhaust system on all machinery. Limit and control machinery movement within and around work site.	Contractor to provide mufflers for site & office electricity generators	Closed
12.1	Good housekeeping practices to be applied at all time in the project site	Proper housekeeping to be applied on daily basis.	Closed
12.5	Clean up and dispose the generated solid waste in a timely manner, or temporarily store it in closed containers pending disposal.	Garbage drums to be provided onsite and storage yard as well	Closed

### 5.1.2 Project 02 – Ma’an

Environmental Monitoring and mitigation plan (EMMP) was updated for the month of April 2016, Environmental Check list (ECL) was received from CMC for the month of March 2016 and Morganti is working on closing CMC comments and remarks.

The remarks as per ECL are:

Item No.	Item	Actions will be taken	Status
1.1	Health, Safety, Environmental and Risk Management Plans and first aid kit are onsite	Supplied first aid kits need to be refilled with all required material	Closed
1.5	Waste Management: Good housekeeping; sub-contractors are aware of waste procedure for hazardous and non-hazardous waste (appropriate disposal sites and proper management and reporting of accidental spills or discharges of hazardous waste)	Contractor to provide garbage drum at site & storage yard to collect all generated solid wastes	Closed
1.6	Fire Protection and Prevention: Inspect fire station and flammable storage; signs should be posted for designated smoking and no smoking areas	Contractor to provide signs for smoking area	Closed
2.4	Install and maintain mufflers on the exhaust system on all machinery. Limit and control machinery movement within and around work site.	Contractor to provide mufflers for site & office electricity generators	Closed

## 6. Traffic Control Measures

### 6.1.1 Project 01 - Al Berkah

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

### 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 form West Bank in order to use them on site as per traffic control plan requirements.

## 7. Community Outreach

### 7.1.1 Project 01 - Al Berkah

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

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

### 7.1.2 Project 02 – Ma’an

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

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

## 8. Risk Management, Mitigation Measures

Since the procurement and resources are part of project risk concerns, the delay of GRAMMS approval for materials such as Plywood boards 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.

Cement material has been banned by the Israeli side starting from April 6, 2016 up to April 24, 2016, which delayed concrete activities.

Tough restrictions on travel permits between Gaza and West Bank is also a project risk concern. For more details, please refer to Annex L.

## 9. Gender Plan

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

- No new employments during this month period.

## 10. Coordination and Meetings

Three meetings were held during April 2016:

Coordination Meeting				
Date	Attendees	Subject	Description	Location
April 7, 2016	USAID, CMC/BV, TMGI and SAK	Bi-weekly Progress Meeting #005	Progress meeting to discuss safety, quality, and progress of the works	Black and Veatch, Main Office, Ramallah & GAZI- Primary Office, Gaza

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>				
April 25, 2016	10:00 AM	Eng. Mariam Amro	USAID	
	10:00 AM	Eng. Adnan Azzazmah	BV	
April 28, 2016	12:00 M	Eng. Mariam Amro	USAID	
<b>Project 02: Ma'an</b>				
April 25, 2016	12:00 PM	Eng. Mariam Amro	USAID	
	12:00 PM	Eng. Adnan Azzazmah	BV	
April 28, 2016	01:00 PM	Eng. Mariam Amro	USAID	

## 12. Progress and Scheduling

The Construction phase started on March 29, 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 which was resubmitted on March 28, 2016 and approved with exceptions notes on April 26, 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. Trial Mix for 35MPa concrete.
- c. Excavation, Leveling and compaction subgrade layer works for retaining walls (75%) complete.
- d. Furnish and install base coarse for retaining walls (75%) complete.
- e. Form work/steel rebar and casting plain concrete under retaining walls foundation (75%) complete.
- f. Form work / steel rebar and casting RW foundation (75%) complete.
- g. Shoring for part of excavation at northern side.
- h. Electro-Fusion welding for HDPE 160 mm pipes for drain pipes.

### 13.2 Project 02 - Ma'an

- a. Continue preparing and submitting the construction submittals.
- b. Walkthrough to determine the exact location of water pipelines.
- c. Lowering of existing pipeline under reservoir.
- d. Trial Mix for 35MPa concrete.
- e. Concrete encasement for the lowered pipeline.
- f. Electro-Fusion welding for HDPE 160 mm pipes for drain pipes.
- g. Compaction and leveling the layer under reservoir foundation (-50 cm) to receive selected material as replacement soil.

## 14. Planned Activities for Next Month

### 14.1 Project 01 - Al Berkah

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

- a. Continue preparing and submitting the construction submittals.
- b. Furnish and install lean concrete for the remaining RW (25%) complete.
- c. Form work, steel reinforcement and casting the remaining RW foundation (25%) complete.
- d. Form work, steel reinforcement and casting the RW.
- e. Furnishing, leveling, and compacting backfill for Guard House Building.
- f. Furnishing, leveling, and compacting backfill for reservoir
- g. Installation drain pipe lines under reservoir.
- h. Installation of perforated pipes under reservoir.
- i. Casting plain concrete for reservoir.
- j. Prepare form work and reinforcement for reservoir foundation.
- k. Casting the reservoir foundation.

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. Excavation, Furnishing, leveling, and compacting backfill for Guard House Building.
- c. Installation drain pipe lines under reservoir.
- d. Furnishing, leveling, and compacting selected backfill for reservoir
- e. Installation of perforated pipes under reservoir.
- f. Casting plain concrete for reservoir.
- g. Prepare form work and reinforcement for reservoir foundation.
- h. Casting the reservoir foundation.

For more details, please refer to Annex B.

## 15. Indicators

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

#### 15.1.1 Project 01 - Al Berkah:

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

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

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

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

#### 15.2.1 Project 01 - Al Berkah:

	Total number (Person Days)	Male	Female
		No.	No.
Target	16,350	15,582	768
Actual Previously	1,994.2	1,877.4	116.8
Actual during this reporting period	589.1	561	28.1
Total actual	2,583.3	2,438.4	144.9

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

	Total number (Person Days)	Male	Female
		No.	No.
Target	15,582	13,801	1,448
Actual Previously	1,752	1,635.2	116.8
Actual during this reporting period	393.9	365.8	28.1
Total actual	2,145.9	2,001	144.9

## 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	25
Accumulated Working Days	156
Total No. of non-working days (Holidays and weekends) during this reporting Period	5
Accumulated non-working days (Holidays and weekends)	27
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	25
Accumulated Working Days	156
Total No. of non-working days (Holidays and weekends) during this reporting Period	5
Accumulated non-working days (Holidays and weekends)	27
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

Water Stop (150mm & 250mm), Expandable Water Stop, Perforated Pipes and Plassim merdidur pipes PN16 and fittings were delivered to the site, for more details refer to Annex A

### 17.2 Project 02 – Ma'an

Water Stop (150mm & 250mm), Expandable Water Stop, Perforated Pipes and Plassim merdidur pipes PN16 and fittings were delivered to the site, for more details refer to Annex A

## 18. Site Memos

### 18.1 Project 01 – Al Berkah

Two site instructions and one Record of Joint Walkthrough site memo were issued during this reporting period.

for more details, refer to Annex E

### 18.2 Project 02 – Ma'an

One site instruction and one Record of Joint Walkthrough site memo were issued during this reporting period.

for more details, refer to Annex E.

## 19. Procurement

### 19.1 Project 01 – Al Berkah

- List of some Civil, Mechanical, Electrical Material are prepared to be ordered.
- Formwork System was shipped on April 20, 2016 and expected to arrive Gaza on May 27, 2016.
- Donation Number (#01) was issued by Ministry of Finance on March 22, 2016.
- Donation Number (#02) was submitted to USAID on April 30, 2016 and still under review.

### 19.2 Project 02 – Ma'an

- List of some Civil, Mechanical, Electrical Material are prepared to be ordered.
- Formwork System was shipped on April 20, 2016 and expected to arrive Gaza on May 27, 2016.
- Donation Number (#01) was issued by Ministry of Finance on March 22, 2016.
- Donation Number (#02) was submitted to USAID on April 30, 2016 and still under review.

## 20. Inspection Requests:

### 20.1 Project 01- Al Berkah:

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

– For more details please refer to Annex F

### 20.2 Project 02- Ma'an:

Seven IRs were submitted to CMC for some materials and some 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.

## 22. Testing:

### 22.1 Project 01- Al Berkah:

Soil classification tests, compaction tests and trial mixes were conducted.

for more information, please refer to Annex H

### 22.2 Project 02- Ma'an:

Soil classification tests, compaction tests and trial mixes were conducted.

for more information, please refer to Annex H

## 23. Submittals

### 23.1 Project 01- Al Berkah:

During this reporting period TMGI submitted 51 submittals and received 53 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)	135
2	B (Exceptions Noted)	48
3	C (Returned for Correction)	144
4	D (Not Acceptable)	14
5	E (Record Copy)	24
6	Retracted	5
7	Under Review	23
	<b>Total</b>	<b>393</b>

### 23.2 Project 02- Ma'an:

During this reporting period TMGI submitted 46 submittals and received 48 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)	135
2	B (Exceptions Noted)	47
3	C (Returned for Correction)	144
4	D (Not Acceptable)	14
5	E (Record Copy)	22
6	Retracted	6
7	Under Review	22
	<b>Total</b>	<b>390</b>

## 24. Request for Information

### 24.1 Project 01- Al Berkah:

Three Requests for Information were submitted to CMC for Ma'an and Al Berkah projects together. TMGI received a response for three of them. For more information, please refer to Annex I.

### 24.2 Project 02- Ma'an:

Three Requests for Information were submitted to CMC for Ma'an and Al Berkah projects together and three requests for Information for Ma'an Project. TMGI received a response for five of them. For more information, please refer to Annex I.

## 25. Transmittals

### 25.1 Correspondence with USAID

Date.	Transmittal No.	Corresponding from /To	Subject
April 1, 2016	By Email	USAID/TMGI	COR Approval for Monthly Report -February 2016
April 5, 2016	By Email	USAID/TMGI	GRM cement importation
April 6, 2016	By Email	TMGI/USAID	GRM cement importation
April 12, 2016	By Email	TMGI/USAID	GRM cement importation
April 12, 2016	By Email	USAID/TMGI	MONTHLY CONTRACTING OFFICER'S MEETING #21
April 13, 2016	By Email	USAID/TMGI	Donation Number Package No. 01
April 14, 2016	By Email	TMGI/USAID	Donation Number Package No. 01
April 14, 2016	By Email	USAID/TMGI	Donation Number Package No. 01
April 16, 2016	By Email	TMGI/USAID	Revised Donation Number Package No. 002
April 17, 2016	By Email	TMGI/USAID	MONTHLY CONTRACTING OFFICER'S MEETING #21
April 18, 2016	By Email	USAID/TMGI	COR Comments for Construction Monthly Report No.05 for the month of March 2016
April 19, 2016	By Email	TMGI/USAID	Revised Construction Monthly Report No. 05 - March 2016
April 21, 2016	By Email	TMGI/USAID	Vetting Request: Abu Taha Company for ready mix and contracting
April 22, 2016	By Email	TMGI/USAID	GRM cement importation
April 22, 2016	By Email	USAID/TMGI	COR Approval for Construction Monthly Report No.05 for the month of March 2016
April 24, 2016	By Email	TMGI/USAID	GRM cement importation
April 25, 2016	By Email	USAID/TMGI	GRM cement importation
April 25, 2016	By Email	TMGI/USAID	GRM cement importation
April 30, 2016	By Email	TMGI/USAID	Second Revision for Donation Number Package No. 002

### 25.2 Correspondence with CMC

Date.	Transmittal No.	Corresponding from /To	Subject
April 3, 2016	By Email	BV/TMGI	Progress Meeting # 05 _Agenda
April 3, 2016	By Email	TMGI/BV	Progress Meeting # 05 _Agenda
April 4, 2016	By Email	TMGI/BV	Progress Meeting # 05 _Agenda
April 4, 2016	By Email	BV/TMGI	Ma'an excavation under the Reservoir-Geotechnical Report
April 5, 2016	By Email	BV/TMGI	Progress Meeting No 5
April 12, 2016	By Email	TMGI/BV	Cement Requisitions
April 13, 2016	By Email	TMGI/BV	Cement Requisitions

**25.3 Transmittals from Contractor to CMC**

Contractors – Engineer	Description	Classification	Issued Date	Response Date
<b>TRS-15-00009-GAZII-C-E-083</b>	Fire Alarm System	RFI	April 03, 2016	April 12, 2016
	UPS System -Components	SUB	April 03, 2016	April 21, 2016
	PVC Pipe (20”) –Alternative		April 03, 2016	April 7, 2016
	Retaining Wall Formwork Design		April 03, 2016	April 7, 2016
	Use of Steel Mini Guard in lieu of Concrete New Jersey Barriers	VOR	April 03, 2016	April 6, 2016
	Compaction Test- Subgrade under RW (8-9)	TEST	April 03, 2016	April 21, 2016
	Backfilling Material for Retaining Wall		April 03, 2016	April 26, 2016
	Lab Recommendation for Existing Percolation Pit – Ma’an		April 03, 2016	Retracted
<b>TRS-15-00009-GAZII-C-E-084</b>	Manhole Covers "750 mm”	SUB	April 04, 2016	April 28, 2016
	Al Berkah Survey Grid after sit cleaning and grubbing - Shop Drawing		April 04, 2016	April 17, 2016
	Use Colored PVC conduits instead of rigid schedule 40 PVC conduits	VOR	April 04, 2016	April 12, 2016
	Soil classification report under reservoir formation	TEST	April 04, 2016	April 26, 2016
<b>TRS-15-00009-GAZII-C-E-085</b>	Meridur Pipes and Fitting For Disinfection System	SUB	April 06, 2016	April 10, 2016
	Pad Transformer- 400KVA		April 06, 2016	<b>Under Review</b>
	Submittals Log Up to Date April 6, 2016		April 06, 2016	April 20, 2016
	Dosing Pump		April 06, 2016	April 19, 2016
<b>TRS-15-00009-GAZII-C-E-086</b>	Maan 3800 m3 Reservoir – Mechanical Shop Drawing	SUB	April 07, 2016	<b>Under Review</b>
	LDPE Tube for Disinfection Building		April 07, 2016	April 13, 2016
<b>TRS-15-00009-GAZII-C-E-087</b>	ARV Chamber Shop Drawing (Mechanical)	SUB	April 10, 2016	April 17, 2016
	Wash-Out Chamber Shop Drawing - Mechanical		April 10, 2016	April 17, 2016
	Gate valve chamber shop drawing - Mechanical		April 10, 2016	April 18, 2016
	Al Berkah Retaining Wall – Modified Shop Drawing		April 10, 2016	April 17, 2016
	GFCI Receptacle	VOR	April 10, 2016	April 12, 2016
<b>TRS-15-00009-GAZII-C-E-088</b>	Guard House Mechanical shop drawing	SUB	April 12, 2016	April 19, 2016
	Bolts, Washers and Nuts for Chambers		April 12, 2016	April 19, 2016
	Connection between Ma’an reservoirs 1 & 2	RFI	April 12, 2016	<b>Under Review</b>
	Removal of Filter Fabric in Trenches Backfill		April 12, 2016	April 18, 2016
<b>TRS-15-00009-GAZII-C-E-089</b>	Reservoir Scaffolding Calculation Sheet	SUB	April 12, 2016	April 21, 2016
<b>TRS-15-00009-GAZII-C-E-090</b>	Al Berkah Retaining Wall & Fence Grounding System- Electrical Shop Drawing	SUB	April 13, 2016	April 17, 2016
<b>TRS-15-00009-GAZII-C-E-091</b>	Disinfection Building-Electrical Shop Drawing	SUB	April 14, 2016	April 21, 2016
	VFD FOR BOOSTER PUMP - -electrical shop drawing		April 14, 2016	April 24, 2016
	Reservoirs Panel (LCP)- ELECTRICAL SHOP-DRAWING		April 14, 2016	April 19, 2016
	Trial Mix 30MPa-Cylinder ( Al Tawwn Batch Plant)	TEST	April 14, 2016	April 20, 2016
	Soil Classification Report for Al Berkah Site		April 14, 2016	<b>Under Review</b>
<b>TRS-15-00009-GAZII-C-E-092</b>	Al Berkah Retaining Wall as SM # 2	VOR	April 17, 2016	April 21, 2016
	Compaction test for subgrade under Al Berkah retaining wall Step No.2, 3, 4&5 – segment 1-2 & 2-3	TEST	April 17, 2016	April 21, 2016
	BILCO Access Hatches	SUB	April 17, 2016	April 18, 2016

<b>TRS-15-00009-GAZII-C-E-093</b>	use of PE pipe PN12.5 instead of PVC-U pipe PN16	VOR	April 18, 2016	April 21, 2016
	Removal of existing tree.	RFI	April 18, 2016	April 25, 2016
	Fence for the western side of Ma'an Site.		April 18, 2016	April 28, 2016
<b>TRS-15-00009-GAZII-C-E-094</b>	Pressure Level Transmitters	SUB	April 18, 2016	April 21, 2016
	Method Statement (Existing Guard Room Protection- Al Berkah)		April 18, 2016	April 21, 2016
<b>TRS-15-00009-GAZII-C-E-095</b>	Compaction test for Base Course Layer Under Al Berkah Retaining Wall Step No.2, 3, 4&5 – segment 1-2 & 2-3	TEST	April 20, 2016	April 21, 2016
	Trial Mix 35MPa-Cylinder ( Al Tawwn Batch Plant) 7 Days Results		April 20, 2016	April 26, 2016
	Reservoirs Drain Pipes and Fittings	SUB	April 20, 2016	April 28, 2016
	Electrical & Control Building Shop Drawing (MECHANICAL)		April 20, 2016	April 28, 2016
	VFD SIEMENS -Alternative		April 20, 2016	<b>Under Review</b>
<b>TRS-15-00009-GAZII-C-E-096</b>	Compaction test for subgrade under Al Berkah retaining wall Step No.1 & 2 – segment 3-4	TEST	April 21, 2016	April 25, 2016
	Al Berkah Guard House Shop Drawing / Structural & Architectural	SUB	April 21, 2016	<b>Under Review</b>
<b>TRS-15-00009-GAZII-C-E-097</b>	Ma'an Site Layout Shop Drawing	SUB	April 24, 2016	April 27, 2016
	Ma'an Architectural & Structural Retaining Walls Shop Drawing		April 24, 2016	April 27, 2016
	Disinfection Building-Electrical Shop Drawing		April 24, 2016	<b>Under Review</b>
	Al Berkah Retaining Wall – Modified Shop Drawing		April 24, 2016	April 27, 2016
	Bolts, Washers and Nuts for Chambers		April 24, 2016	<b>Under Review</b>
	Al Berkah Retaining Wall & Fence Grounding System- Electrical Shop Drawing		April 24, 2016	April 27, 2016
	Ma'an Guard House Shop Drawing / Structural & Architectural		April 24, 2016	<b>Under Review</b>
	AL Berkah Fence in conjunction with retaining wall shop drawing		April 24, 2016	<b>Under Review</b>
	Al Berkah Retaining Wall as SM # 2		VOR	April 24, 2016
	Generator Fuel System	RFI	April 24, 2016	April 27, 2016
<b>TRS-15-00009-GAZII-C-E-098</b>	Ductile Iron Pipe and Fittings	SUB	April 24, 2016	<b>Under Review</b>
	Al Berkah 3800 m3 Reservoir -Mechanical Shop Drawing		April 24, 2016	<b>Under Review</b>
	Emergency shower (disinfection building)		April 24, 2016	<b>Under Review</b>
	Pressure Reducing Valve		April 24, 2016	<b>Under Review</b>
	Dosing Pump		April 24, 2016	April 28, 2016
	Compaction test for Base Course Layer Under Al Berkah Retaining Wall Step No.2, 3, 4&5 – segment 1-2 & 2-3	TEST	April 24, 2016	April 25, 2016
<b>TRS-15-00009-GAZII-C-E-099</b>	VFD for Booster Pump Electrical Shopdrawing	SUB	April 25, 2016	<b>Under Review</b>
	Ready Mix Concrete Batching Plant ( Al Tahrer Company for ready mix concrete )		April 25, 2016	<b>Under Review</b>
	Break Tank Wall to Roof Joint Details – With Sample		April 25, 2016	<b>Under Review</b>
	Al Berkah Retaining Wall as SM # 2	VOR	April 25, 2016	<b>Under Review</b>
	Use of PE pipe PN12.5 instead of PVC-U pipe PN16		April 25, 2016	<b>Under Review</b>
<b>TRS-15-00009-GAZII-C-E-100</b>	Warning tape water pipeline	SUB	April 27, 2016	<b>Under Review</b>
	Al Berkah pipeline Shop Drawing		April 27, 2016	<b>Under Review</b>

<b>TRS-15-00009-GAZII-C-E-101</b>	Flanged coupling adapters (PN16) For Ductile Iron Pipes	SUB	April 28, 2016	<b>Under Review</b>
	Flanged coupling adapters (PN16) For Steel Pipes		April 28, 2016	<b>Under Review</b>
	Mechanical Coupling		April 28, 2016	<b>Under Review</b>
	Chlorine Multifunctional Valve- (Disinfection Building)		April 28, 2016	<b>Under Review</b>
	Guard House Mechanical shop drawing		April 28, 2016	<b>Under Review</b>
	Al Berkah vertical booster pump & motors - Alternative		April 28, 2016	<b>Under Review</b>
	Maan vertical booster pump & motors - Alternative		April 28, 2016	<b>Under Review</b>
	PLC System- Electrical		April 28, 2016	<b>Under Review</b>
	Strainer- Alternative		April 28, 2016	<b>Under Review</b>

#### 25.4 Transmittals from CMC to Contractor

Engineers – Contractor	Description	Classification	Submitting Date
<b>TRS-15-00009-GAZII-E-C-076</b>	1. Formwork Materials (Retaining Wall & Chambers) - Samples. Chamfer Strips. Filler	SUB	April 03, 2016
	2. Guard House Mechanical Shop Drawing		
	3. Daily Joint Reports from March 29, 2016 to April 02, 2016	DJR	
<b>TRS-15-00009-GAZII-E-C-077</b>	1. Meridur Pipes and Fitting for Disinfection System	SUB	April 04, 2016
	2. Gate Valve Chamber Shop Drawing (Mechanical)		
<b>TRS-15-00009-GAZII-E-C-078</b>	3. Sealant for Expansion Joint (Reservoir & Retaining Wall)		
	4. Soil Classification Report Under Reservoir Formation	TEST	
<b>TRS-15-00009-GAZII-E-C-079</b>	1. Pressure Level Transmitters Alternative	SUB	April 05, 2016
	2. Wash-Out Chamber Shop Drawing (Mechanical)		
	3. BFV Chamber Shop Drawing - Mechanical		
<b>TRS-15-00009-GAZII-E-C-080</b>	1. Use of Steel Mini Guard in Lieu of Concrete New Jersey Barriers	VOR	April 06, 2016
	2. Additional UPVC Pipes		
<b>TRS-15-00009-GAZII-E-C-081</b>	1. Engine Generator - 250 KW	SUB	April 07, 2016
	2. Retaining Wall Formwork Design		
	3. Daily Joint Reports from April 03, 2016 to April 06, 2016		
<b>TRS-15-00009-GAZII-E-C-082</b>	1. PVC Pipe (20")-Alternative	SUB	April 07, 2016
<b>TRS-15-00009-GAZII-E-C-083</b>	1. Meridur Pipes and Fitting for Disinfection System	SUB	April 10, 2016
	2. Galvanized Steel Roof Vent		
	3. Disinfection Building Shop Drawing - Mechanical		
<b>TRS-15-00009-GAZII-E-C-084</b>	1. Flowmeters Construction Material	RFI	April 11, 2016
<b>TRS-15-00009-GAZII-E-C-085</b>	1. Fire Alarm System	RFI	April 12, 2016
	2. Use Colored PVC Conduits Instead of Rigid Schedule 40 PVC Conduits	VOR	
	3. GFCI (Ground Fault Circuit interrupter) Receptacles.		
	4. Disinfection System Instruments	SUB	
<b>TRS-15-00009-GAZII-E-C-085</b>	1. Control & Signal Cable-Electrical	SUB	April 13, 2016
	2. AL Berkah Retaining Walls (Shop Drawings)		

	<ol style="list-style-type: none"> <li>3. LDPE Tube for Disinfection Building</li> <li>4. Maan Architectural &amp; Structural Retaining Walls Shop Drawing</li> <li>5. Disinfection Building-Electrical Shop Drawing</li> <li>6. Al Berkah Vertical Booster Pump &amp; Motors – Alternative</li> <li>7. Maan Vertical Booster Pump &amp; Motors - ,\,lternative</li> <li>8. VFD for Booster Pump - Electrical Shop Drawing</li> <li>9. Reservoir Panel (LALL-211, LCP)</li> <li>10. Reservoirs Panel (LCP)- Electrical Shop Drawing</li> </ol>		
<b>TRS-15-00009-GAZII-E-C-086</b>	<ol style="list-style-type: none"> <li>1. Al Berkah Survey Grid After Site Cleaning and Grubbing -Shop Drawing</li> <li>2. Al Berkah Retaining Wall - Modified (Shop Drawings)</li> <li>3. Al Berkah Retaining Wall &amp; Fence Grounding System Electrical Shop Drawing</li> </ol>	SUB	April 17, 2016
<b>TRS-15-00009-GAZII-E-C-087</b>	<ol style="list-style-type: none"> <li>1. ARV Chamber Shop Drawing (Mechanical)</li> <li>2. Wash-Out Chamber Shop Drawing (Mechanical)</li> </ol>	SUB	April 17, 2016
<b>TRS-15-00009-GAZII-E-C-088</b>	1. Removal of Fabric in Trenches Backfilling	RFI	April 18, 2016
	<ol style="list-style-type: none"> <li>2. BILCO Access Hatches</li> <li>3. Gate Valve Chamber Shop Drawing (Mechanical)</li> </ol>	SUB	
<b>TRS-15-00009-GAZII-E-C-089</b>	<ol style="list-style-type: none"> <li>1. Base Coarse Test Report Enbi Ha Negev Ha Ma'arb Ltd. Company -Trial 1</li> <li>2. Base Coarse Test Report Enbi Ha Negev Ha Ma'arb Ltd. Company-Trial 2</li> </ol>	TEST	April 18, 2016
	3. Daily Joint Reports from April 07, 2016 to April 17, 2016	DJR	
<b>TRS-15-00009-GAZII-E-C-090</b>	<ol style="list-style-type: none"> <li>1. Guard House Mechanical Shop Drawing</li> <li>2. Reservoirs Panel (LCP)- Electrical Shop Drawing</li> <li>3. Electromagnetic Flow Meter -Alternative</li> <li>4. Dosing Pump</li> <li>5. Bolts, Washers and Nuts for Chambers</li> </ol>	SUB	April 19, 2016
<b>TRS-15-00009-GAZII-E-C-091</b>	1. Trial Mix 30MPa-Cylinder (.Al Tawwn Batch Plant)	TEST	April 20, 2016
<b>TRS-15-00009-GAZII-E-C-092</b>	1. Environmental Checklist for Al Berkah March 2016	ECL	April 21, 2016
	2. Environmental Checklist for Ma'an March 2016		
	3. Pressure Level Transmitters	SUB	
	4. Method Statement (Existing Guard Room Protection- Al Berkah)	SUB	
	<ol style="list-style-type: none"> <li>5. Compaction Test-Subgrade Under RW (8-9)</li> <li>6. Compaction test for Subgrade Under Al Berkah Retaining Wall</li> <li>7. Compaction test for Base Course Layer Under Al Berkah Retaining Wall</li> </ol>	TEST	
<b>TRS-15-00009-GAZII-E-C-093</b>	<ol style="list-style-type: none"> <li>1. Al Berkah Retaining Wall as SM# 2</li> <li>2. Use of Pipe PN12.5 instead of PVC- U Pipe PN16</li> </ol>	VOR	April 21, 2016
	<ol style="list-style-type: none"> <li>3. VFD Components – Schneider</li> <li>4. Disinfection Building-Electrical Shop Drawing</li> <li>5. PLC System-Electrical</li> <li>6. Premium Accuracy Pressure Transmitter</li> <li>7. UPS System – Components</li> </ol>	SUB	

	8. Reservoir Scaffolding Calculation sheet		
<b>TRS-15-00009-GAZII-E-C-094</b>	1. VFD for Booster Pump - Electrical Shop Drawing	SUB	April 24, 2016
	2. Daily Joint Reports from April 18, 2016 to April 23, 2016	DJR	
<b>TRS-15-00009-GAZII-E-C-095</b>	1. Removal of Existing Tree	RFI	April 25, 2016
	2. Compaction Test for Base Course Layer under Al Berkah Retaining Wall Step No.2, 3, 4 & 5 - Segment 1-2 & 2-3	TEST	
	3. Compaction test for Subgrade Under Al Berkah Retaining Wall Step No. 1 & 2 - Segment 3-4		
<b>TRS-15-00009-GAZII-E-C-096</b>	1. Soil Classification Report Under Reservoir Formation 2. Backfilling Material 3. Trial Mix 35MPa-Cylinder (Al Tawwn Batch Plant)7 Days Results	TEST	April 26, 2016
	4. Original CPM Schedule Submittal	SUB	
<b>TRS-15-00009-GAZII-E-C-097</b>	1. Generator Fuel System	RFI	April 27, 2016
	2. Maan Architectural & Structural Retaining Walls Shop Drawing	SUB	
	3. Maan Site Layout Shop Drawing		
	4. AL Berkah Retaining Wall - Modified Shop Drawing 5. Al Berkah Retaining Wall & Fence Grounding System Electrical Shop Drawing		
7. Daily Joint Reports from April 24, 2016 to April 26, 2016	DJR		
<b>TRS-15-00009-GAZII-E-C-098</b>	1. Fence for Western Side of Maan Site.	RFI	April 28, 2016
	2. Reservoirs Drain Pipes and Fittings	SUB	
	3. Manhole Covers "7 50 mm"		
	4. Electrical & Control Building Shop Drawing (Mechanical)		
	5. Dosing Pump		

## 26. Task Order General Statistics

NO.	Description	Quantity
1	Shop drawings Submittals	78
2	Material Submittals	283
3	Preconstruction Submittals	55
4	Total Submittals	426
5	QC Submittals	21
6	RFI	19
7	IR (Al Berkah)	21
8	IR (Ma'an)	17

## 27. Payments

No payments were issued during this reporting period

Invoice No.	Project	Submitted date	Amount \$	Retention Amount	Amount Received	Received Date
-	MAN					
	BER					

## 28. Variation Orders

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

## 29. Variation Order Requests

No.	VOR No.	Description	Cost (\$)	Time (Calendar Day)	Submitted Date	Response Date	Status
1	VOR-15-00009-GAZII-001-A	The work required for the construction of retaining wall includes excavation, backfilling and reinforced concrete work in Ma'an Project	\$ 21,758.04	0	March 7, 2016	March 15, 2016	Accept with exceptions
2	VOR-15-00009-GAZII-001-B	The work required for the construction of retaining wall includes excavation, backfilling and reinforced concrete work in Ma'an Project	\$ 21,227.04	0	March 16, 2016		Noted with comments
3	VOR-15-00009-GAZII-002-A	Purchase and delivered the additional quantities of UPVC pipes fittings, restrained joints and FA	\$ 15,225.00	0	March 7, 2016	March 15, 2016	Contractor to provide price breakdown
4	VOR-15-00009-GAZII-002-B	Purchase and delivered the additional quantities of UPVC pipes fittings, restrained joints and FA	\$ 15,225.00	0	March 21, 2016	March 28, 2016	To re-submit the VOR taking into consideration discussion with Morganti.
5	VOR-15-00009-GAZII-002-C	Purchase and delivered the additional quantities of UPVC pipes fittings, restrained joints and FA	\$ 14,486.00	0	March 30, 2016	April 6, 2016	Noted
6	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	March 13, 2016	March 21, 2016	To submit price comparison analysis
7	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	April 3, 2016	April 6, 2016	To re-submit the VOR taking into consideration last response
8	VOR-15-00009-GAZII-004-A	Use of coloured PVC conduits for embedded installations instead of rigid schedule 40 PVC conduits.	\$ -	0	April 4, 2016	April 12, 2016	To revise and provide supporting documents
9	VOR-15-00009-GAZII-005-A	GFCI Receptacle	\$ -	0	April 10, 2016	April 12, 2016	Noted
10	VOR-15-00009-GAZII-006-A	Al Berkah Retaining Wall as SM # 2	\$ 48,265.10	0	April 17, 2016	April 21, 2016	Noted with comments
44	VOR-15-00009-GAZII-006-B	Al Berkah Retaining Wall as SM # 2	<del>\$ 48,265.10</del>	0	April 24, 2016	April 25, 2016	Retracted
12	VOR-15-00009-GAZII-006-B	Al Berkah Retaining Wall as SM # 2	\$ 49,413.20	0	April 25, 2016		Under Review
13	VOR-15-00009-GAZII-007-A	Use of PE pipe PN12.5 instead of PVC-U pipe PN16	\$ -	0	April 18, 2016	April 21, 2016	Prices is to revise
14	VOR-15-00009-GAZII-007-B	Use of PE pipe PN12.5 instead of PVC-U pipe PN16	\$ -	0	April 25, 2016		Under Review

## 30. Obstacles and Challenges

### 30.1 Project 01: Al Berkah

- There are no seen obstacles observed until now.

### 30.2 Project 02: Ma'an

- There are no seen obstacles observed until now.

## 31. Progress Photos

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



Photo #01 (Grid Inspection After Cleaning and Grubbing)



Photo #02 (A training on the USAID Environmental Procedures and the environmental compliance process implemented under INPII for all CMC staff in Gaza as well as the Contractor's staff was co ducted.)



Photo #03 (Materials in Storage Yard.)



Photo #04 (Trial Mix for 35MPa Concrete “Cube Test”)



Photo #05 (Trial Mix for 35MPa Concrete “Concrete Test”.)



Photo #06 (Samples for Soil Classification.)



**Photo #07 (OSHA Workshop for CMC staff and Contractor Staff.)**



**Photo #08 (Excavation Works for Retaining Wall to the Required Design Level)**



**Photo #09 (Compacting the Reduced Level)**



**Photo #10 (Compacting the Reduced Level)**



**Photo #11 (USAID Engineer Visit)**



**Photo #12 (Casting Plain Concrete under RW)**



**Photo #13 (Casting Plain Concrete under RW)**



**Photo #14 (TBM “PPE’s”)**



**Photo #15 (Preparation for Shuttering and Rebar for RW Foundation)**



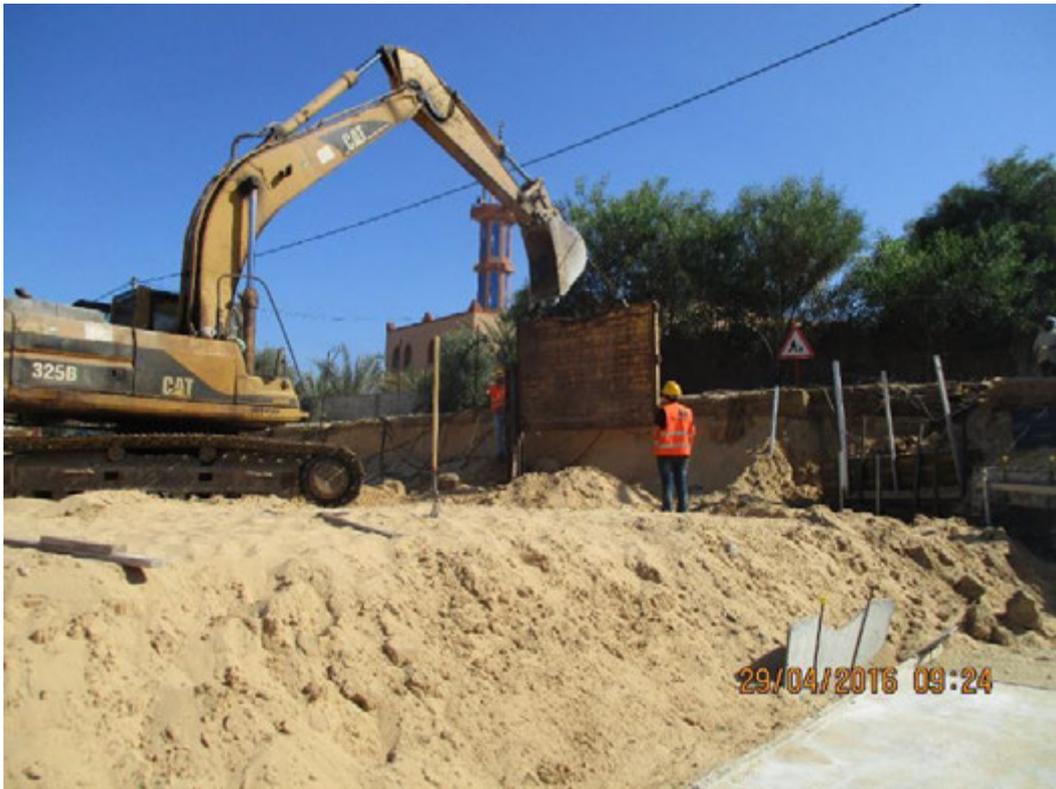
**Photo #15 (Reinforcement Works for RW Foundation 1-2, 2-3.)**



**Photo #16 (Electro-Fusion Welding for HDPE Pipes)**



**Photo #17 (Concrete Casting for RW Foundation)**



**Photo #18 (Shoring to Protect the Excavated Area at Northern Side)**

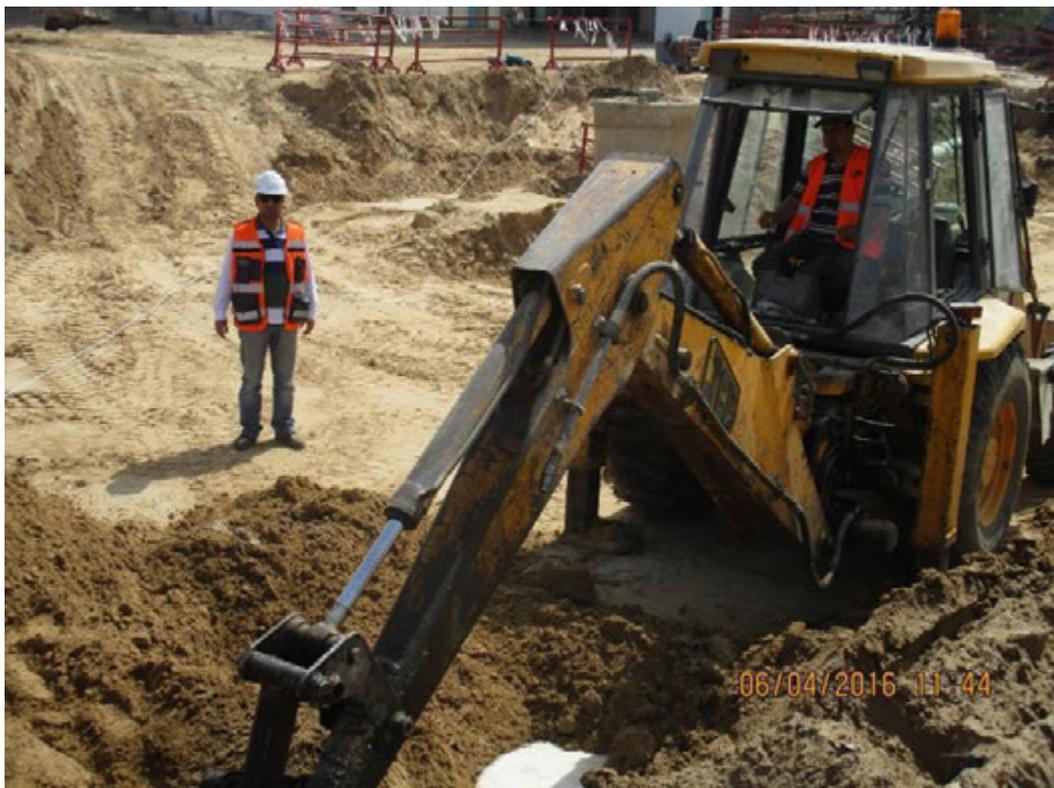


**Photo #18 (Safety Tool Box Meeting (Heat Stress))**

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



**Photo #01 (Walkthrough to determine the exact location of water pipelines)**



**Photo #02 (Lowering of Existing Pipeline under Reservoir)**



**Photo #03 (Lowering of Existing Pipeline under Reservoir)**



**Photo#04 (Cleaning Around Reservoir Area)**



**Photo #05 (TBM “Ladders”)**



**Photo #06 (Steel Fixing and Shuttering for Encasement the Pipelines under Reservoir)**



**Photo #07 (USAID Engineer Visit)**



**Photo #08 (Casing Encasement Concrete to the Lowered Water Pipelines)**



**Photo #09 (Casting the Percolation Pit under Reservoir)**



**Photo #10 (Curing by Spreading Water for the Casted Concrete of the Lowered Pipeline)**



**Photo #11 (Electro-Fusion Welding for HDPE Pipes)**

# ANNEXES

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

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

DATE	Description	Quantity
April 7, 2016	Water Stop 250mm	144 L.M
	Water Stop 150mm	200 L.M
	Expandable Water Stop	20 ea.
	Rebar Caps	500 ea.
	Perforated Pipes	250 L.M
	Plassim merdidur pipes PN16 32mm	350 L.M
	Plassim merdidur pipes PN16 50mm	210 L.M
	Plassim merdidur pipes PN16 75mm	15 L.M
	Plassim merdidur pipes PN16 110mm	100 L.M
	Connection joint PN16 32mm	120 ea.
	Connection joint PN16 50mm	70 ea.
	Connection joint PN16 75mm	5 ea.
	Connection joint PN16 110mm	35 ea.
	PVC Coupler (PVC/GV pipe) 32mm	20 ea.
	PVC Coupler (PVC/GV pipe) 50mm	12 ea.
	PVC Coupler (PVC/GV pipe) 75mm	3 ea.
	PVC Reducer 90/75mm	3 ea.
	PVC Reducer 63/50mm	12 ea.
	PVC long radius elbow 32mm	2 ea.
	PVC long radius elbow 50mm	8 ea.
April 24, 2016	Black thick simple sheet	700 m <sup>2</sup>
	Plywood 244x60x2.2	110 ea.
	Wooden Strip 10cm X 2.50cm	2 m <sup>3</sup>
April 25, 2016	Concrete 14 Mpa	23 m <sup>3</sup>
April 28, 2016	Concrete 30 MPa	64 m <sup>3</sup>

**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		Backhoe, CAT, 1995	
	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
April 11, 2016	1	-								
April 12, 2016	1	-								
April 16, 2016	1	-								
April 17, 2016	1	-	1	-						
April 19, 2016	1	-								
April 20, 2016	1	-								
April 25, 2016					1	-	3	-		
April 28, 2016					1	-	7	-		
April 29, 2016									1	-
April 30, 2016	1									
<b>Total of Month</b>	<b>7</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>1</b>	<b>0</b>

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

DATE	Description	Quantity
April 7, 2016	Water Stop 250mm	156 L.M
	Water Stop 150mm	160 L.M
	Expandable Water Stop	20 ea.
	Rebar Caps	500 ea.
	Perforated Pipes	200 L.M
	Plassim merdidur pipes PN16 32mm	350 L.M
	Plassim merdidur pipes PN16 50mm	210 L.M
	Plassim merdidur pipes PN16 75mm	15 L.M
	Plassim merdidur pipes PN16 110mm	100 L.M
	Connection joint PN16 32mm	120 ea.
	Connection joint PN16 50mm	50 ea.
	Connection joint PN16 75mm	5 ea.
	Connection joint PN16 110mm	35 ea.
	PVC Coupler (PVC/GV pipe) 32mm	20 ea.
	PVC Coupler (PVC/GV pipe) 50mm	12 ea.
	PVC Coupler (PVC/GV pipe) 75mm	3 ea.
	PVC Reducer 90/75mm	3 ea.
	PVC Reducer 63/50mm	12 ea.
	PVC long radius elbow 32mm	2 ea.
	PVC long radius elbow 50mm	8 ea.
Wooden Strip 10cm X 2.50cm	2 m3	
April 25, 2016	Concrete 14 Mpa	6 m3
	Concrete 28 Mpa	28 m3
April 28, 2016	Sand	20 m3

**Equipment on Site:**

DATE	Equipment Type		Equipment Type		Equipment Type		Equipment Type		Equipment Type	
	Backhoe, CAT, 1995		Loader, CAT 950E, 2001		Crane, F12		Concrete pump, Putzmester		Mixer, Volvo 400	
	Quantity in Use	Quantity Idle	Quantity in Use	Quantity Idle	Quantity in Use	Quantity Idle	Quantity in Use	Quantity Idle	Quantity in Use	Quantity Idle
April 6, 2016	1	-								
April 7, 2016			1	-						
April 9, 2016			1	-						
April 11, 2016	1	-			1	-				
April 12, 2016			1	-						
April 25, 2016							1	-	3	-
April 26, 2016										
April 27, 2016			1							
<b>Total of Month</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>1</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 approved CPM schedule

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

02-May-16 16:41



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 - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package II</b>					16-Aug-17, TO 15-09 G																																			
<b>Milestones</b>					16-Aug-17, Milestones																																			
<b>General Milestones</b>					16-Aug-17, General Mile																																			
A1010	Project Duration	463.63d	26-Oct-15 A	16-Aug-17	Project Duration																																			
<b>Construction Phase</b>					06-Aug-17, Construction																																			
<b>Construction Submittals</b>					10-Jul-16, Construction Submit...																																			
<b>Shop drawing Submittals</b>					10-Jul-16, Shop drawing Submit...																																			
<b>Shop drawing Submittals for Project 1 - AI Berkah Reservoir and Pumping Facilities</b>					27-Jun-16, Shop drawing Submit...																																			
<b>Shop drawing Submittals for AI Berkah Reservoir and Pumping Facilities</b>					27-Jun-16, Shop drawing Submit...																																			
<b>Shop drawing submittals for AI Berkah Reservoir - 3,800 m3</b>					19-Jun-16, Shop drawing submit...																																			
BER-SD-RES-1070	Review & Approval of Mechanical shopdrawing for AI Berkah Reservoir	21.00d	26-Jan-16 A	24-May-16	Review & Approval of Mechanica...																																			
BER-SD-RES-1100	Prep. & Sub. of Coordination Shop drawing for AI Berkah Reservoir	15.00d	24-May-16	14-Jun-16	Prep. & Sub. of Coordination S...																																			
BER-SD-RES-1140	Preparation and Submission of Float Indicator Location & Details shop Drawing for AI Berkah Reservoir	10.00d	04-May-16	15-May-16	Preparation and Submission of ...																																			
BER-SD-RES-1150	Review & Approval of Float Indicator Location & Details shop Drawing for AI Berkah Reservoir	21.00d	16-May-16	19-Jun-16	Review & Approval of Float Ind...																																			
BER-SD-RES-1170	Review & Approval of Piping Plan & Sections shop Drawing for AI Berkah Reservoir	21.00d	26-Jan-16 A	24-May-16	Review & Approval of Piping Pl...																																			
<b>Shop drawing submittals for AI Berkah Disinfection Building</b>					09-Jun-16, Shop drawing submit...																																			
BER-SD-DIS-1000	Preparation and Submission of Structural Shop drawing for AI Berkah Disinfection Building	5.00d	04-May-16	09-May-16	Preparation and Submission of ...																																			
BER-SD-DIS-1010	Review & Approval of Structural Shopdrawing for AI Berkah Disinfection Building	21.00d	10-May-16	09-Jun-16	Review & Approval of Structura...																																			
BER-SD-DIS-1020	Prep. & Sub. of Mechanical - Plumping shopdrawing for AI Berkah Disinfection Building	9.00d	06-Feb-16 A	09-May-16	Prep. & Sub. of Mechanical - P...																																			
BER-SD-DIS-1030	Review & Approval of Mechanical - Plumping shopdrawing for AI Berkah Disinfection Building	21.00d	11-Feb-16 A	24-May-16	Review & Approval of Mechanica...																																			
<b>Shop drawing submittals for AI Berkah Booster Pump Station</b>					27-Jun-16, Shop drawing submit...																																			
BER-SD-BP-1020	Prep. & Sub. of Mechanical shopdrawing for AI Berkah Booster Pump Station	9.00d	04-May-16	14-May-16	Prep. & Sub. of Mechanical sho...																																			
BER-SD-BP-1030	Review & Approval of Mechanical shopdrawing for AI Berkah Booster Pump Station	21.00d	15-May-16	15-Jun-16	Review & Approval of Mechanica...																																			
BER-SD-BP-1050	Review & Approval of Electrical shopdrawing for AI Berkah Booster Pump Station	21.00d	28-Mar-16 A	24-May-16	Review & Approval of Electrica...																																			
BER-SD-BP-1100	Preparation and Submission of Flow Meters Mechanical shop drawing for AI Berkah Booster Pump Station	5.00d	15-May-16	19-May-16	Preparation and Submission of ...																																			
BER-SD-BP-1110	Review & Approval of Flow Meters Mechanical shop drawing for AI Berkah Booster Pump Station	21.00d	22-May-16	27-Jun-16	Review & Approval of Flow Mete...																																			
BER-SD-BP-1120	Preparation and Submission of Piping Layout shop Drawing for AI Berkah Booster Pump Station	5.00d	04-May-16	09-May-16	Preparation and Submission of ...																																			
BER-SD-BP-1130	Review & Approval of Piping Layout shop Drawing for AI Berkah Booster Pump Station	21.00d	10-May-16	09-Jun-16	Review & Approval of Piping La...																																			
<b>Shop drawing submittals for AI Berkah Electrical and Control Building</b>					18-Jun-16, Shop drawing submit...																																			
BER-SD-ECB-1030	Review & Approval of Excavation Plan for AI Berkah Electrical and Control Building	21.00d	21-Feb-16 A	24-May-16	Review & Approval of Excavatio...																																			
BER-SD-ECB-1040	Preparation and Submission of Structural & Architectural Shopdrawing for AI Berkah Electrical and Control Building	15.00d	26-May-16	18-Jun-16	Preparation and Submission of ...																																			
BER-SD-ECB-1070	Review & Approval of HVAC-Plumbing shopdrawing for AI Berkah Electrical and Control Building	21.00d	17-Mar-16 A	24-May-16	Review & Approval of HVAC-Plum...																																			
BER-SD-ECB-1090	Review & Approval of Electrical shopdrawing for AI Berkah Electrical and Control Building	21.00d	20-Mar-16 A	26-May-16	Review & Approval of Electrica...																																			
<b>Shop drawing submittals for AI Berkah Guard House</b>					29-May-16, Shop drawing submit...																																			
BER-SD-GH-1050	Review & Approval of Structural & Architectural Shopdrawing for AI Berkah Guard House	21.00d	21-Apr-16 A	22-May-16	Review & Approval of Structura...																																			
BER-SD-GH-1070	Review & Approval of HVAC-Plumbing shopdrawing for AI Berkah Guard House	21.00d	17-Mar-16 A	29-May-16	Review & Approval of HVAC-Plum...																																			
BER-SD-GH-1090	Review & Approval of Electrical shopdrawing for AI Berkah Guard House	21.00d	31-Jan-16 A	18-May-16	Review & Approval of Electrica...																																			
<b>Shop drawing submittals for AI Berkah Site Work - Site Utilities</b>					09-Jun-16, Shop drawing submit...																																			
BER-SD-RES-1012	Preparation and Submission of Excavation Plan for AI Berkah Reservoir	5.00d	19-Feb-16 A	08-May-16	Preparation and Submission of ...																																			
BER-SD-RES-1013	Review & Approval of Excavation Plan for AI Berkah Reservoir	21.00d	21-Feb-16 A	24-May-16	Review & Approval of Excavatio...																																			
BER-SD-RES-1180	Preparation and Submission of Septic tank for AI Berkah site	5.00d	04-May-16	09-May-16	Preparation and Submission of ...																																			
BER-SD-RES-1190	Review & Approval of Septic tank for AI Berkah site	21.00d	10-May-16	09-Jun-16	Review & Approval of Septic ta...																																			
BER-SD-RES-1200	Preparation and Submission of Valve Vault for AI Berkah site	5.00d	24-May-16	30-May-16	Preparation and Submission of ...																																			
BER-SD-RES-1240	Preparation and Submission of Exterior Gate for AI Berkah site	5.00d	04-May-16	09-May-16	Preparation and Submission of ...																																			
BER-SD-RES-1250	Review & Approval of Exterior Gate for AI Berkah site	21.00d	10-May-16	09-Jun-16	Review & Approval of Exterior ...																																			
<b>Shop drawing submittals for AI Berkah Supply &amp; Distribution Pipelines</b>					08-Jun-16, Shop drawing submit...																																			
<b>Shop drawing submittals for Supply Line 1 (DN 160mm) &amp; Distribution Pipe 1 (DN 400mm, 355mm)</b>					29-May-16, Shop drawing submit...																																			
BER-SD-SDP-1010	Review & Approval of Shop drawing for Supply and Distribution Pipes from BS1 1+000 to BS1 1+430 (160mm, 355mm, 400mm)	21.00d	27-Apr-16 A	29-May-16	Review & Approval of Shop draw...																																			

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













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

02-May-16 16:41



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>Retaining Wall - South</b>																																								
E-BER-RW-1260	Concrete Curing for Foundation	7.00d	29-Apr-16 A	07-May-16	▼ 29-May-16, Retaining Wall - So... ■ Concrete Curing for Foundation																																			
E-BER-RW-1270	Form/Steel Rebar's for the Retaining Walls	14.00d	04-May-16	19-May-16	■ Form/Steel Rebar's for the Ret...																																			
E-BER-RW-1310	Cast Reinforced Concrete for the Retaining Walls	1.00d	21-May-16	21-May-16	Cast Reinforced Concrete for t...																																			
E-BER-RW-1320	Deshuttering & Curing For Walls	7.00d	22-May-16	29-May-16	■ Deshuttering & Curing For Wall...																																			
<b>Guard House Building</b>																																								
<b>Civil &amp; Structural Works</b>																																								
E-BER-GH-1000	Furnishing, leveling, and compacting of selected backfill	5.00d	23-May-16	28-May-16	▼ 28-May-16, Guard House Buildin... ▼ 28-May-16, Civil & Structural... ■ Furnishing, leveling, and comp...																																			
<b>Project 2, Construction of Ma'an Reservoir and Pumping Facilities:</b>					▼ 03-Aug-17, Project 2, Cor																																			
<b>Construction of Ma'an Facilities</b>					▼ 03-Aug-17, Construction of																																			
<b>Traffic Control Plan and Safety measures</b>					▼ 03-Aug-17, Traffic Control																																			
E-MAN-7595	Maintain of Traffic Control Plan and Safety measures for Ma'an Facilities	353.75d	07-Jan-16 A	03-Aug-17	▼ 03-Aug-17, Project 2, Cor ▼ 03-Aug-17, Construction of ▼ 03-Aug-17, Traffic Control Maintain of Traffic Control																																			
<b>Ma'an Booster Station</b>																																								
<b>Guard House Building</b>																																								
<b>Civil &amp; Structural Works</b>																																								
E-MAN-GH-1000	Excavate to the required depth	2.00d	25-May-16	26-May-16	▼ 01-Jun-16, Ma'an Booster Stati...																																			
E-MAN-GH-1010	Furnishing, leveling, and compacting of selected backfill	5.00d	28-May-16	01-Jun-16	▼ 01-Jun-16, Guard House Buildin... ▼ 01-Jun-16, Civil & Structural...   Excavate to the required depth ■ Furnishing, leveling, and comp...																																			
<b>Ma'an Reservoir - Construction of new 3,800 m3</b>																																								
<b>Earth Work</b>																																								
E-MAN-RES-1030	Furnishing, leveling, and compacting of selected backfill	5.00d	27-Apr-16 A	07-May-16	▼ 16-May-16, Earth Work ▼ 01-Jun-16, Ma'an Reservoir - C...																																			
E-MAN-RES-1040	Furnish and install subgrade piping (Perforated, Outlet & Washout)	2.00d	09-May-16	10-May-16	■ Furnishing, leveling, and comp...   Furnish and install subgrade p...																																			
E-MAN-RES-1050	Construction of Lean Concrete under Reservoir	5.00d	11-May-16	16-May-16	■ Construction of Lean Concrete ...																																			
<b>Civil Work</b>																																								
E-MAN-RES-1060	Reservoir base slab - Formwork	5.00d	23-May-16	28-May-16	▼ 01-Jun-16, Civil Work ■ Reservoir base slab - Formwor...																																			
E-MAN-RES-1070	Reservoir Base Slab - Pipe Inserts	2.00d	23-May-16	24-May-16	Reservoir Base Slab - Pipe In...																																			
E-MAN-RES-1080	Reservoir base slab reinforcing steel & water stop installation	7.00d	25-May-16	01-Jun-16	■ Reservoir base slab reinforci...																																			

Actual Work    Critical Remaining Work    Summary  
 Remaining Work    Milestone

# **Annex C - Updated and Detailed Schedule**

Note:

- The attachment is based on approved CPM schedule

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

02-May-16 16:40



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 - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package II</b>					16-Aug-17, TO 15-09 G																																			
<b>Milestones</b>					16-Aug-17, Milestones																																			
<b>General Milestones</b>					16-Aug-17, General Mile																																			
A1000	Notice To Proceed (NTP)	0.00d	26-Oct-15 A		◆ Notice To Proceed (NTP)																																			
A1010	Project Duration	463.63d	26-Oct-15 A	16-Aug-17	Project Duration																																			
A1020	Completion Date	0.00d		16-Aug-17*	◆ Completion Date																																			
<b>Intermediate Milestones</b>					03-Aug-17, Intermediate M																																			
GAZII-IA-01	Start of Mobilization	0.00d	26-Oct-15 A		◆ Start of Mobilization																																			
GAZII-IA-02	Finish of Mobilization	0.00d		18-Jan-16 A	◆ Finish of Mobilization																																			
GAZII-IA-03	Start of Pre-Construction Submittals	0.00d	26-Oct-15 A		◆ Start of Pre-Construction Subm...																																			
GAZII-IA-04	Finish of Pre-Construction Submittals	0.00d		26-Apr-16 A	◆ Finish of Pre-Construction Sub...																																			
GAZII-IA-05	Start of Construction Submittals	0.00d	26-Oct-15 A		◆ Start of Construction Submitta...																																			
GAZII-IA-06	Finish of Construction Submittals	0.00d		05-Sep-16	◆ Finish of Construction Submitt...																																			
GAZII-IA-07	Start of Construction at Project 01 - Al Berkah Reservoir and Pumping Facilities	0.00d	29-Mar-16 A		◆ Start of Construction at Proje...																																			
GAZII-IA-08	Finish of Construction at Project 01 - Al Berkah Reservoir and Pumping Facilities	0.00d		18-Jun-17	◆ Finish of Construction at Proj...																																			
GAZII-IA-09	Start of Construction at Project 2 - Ma'an Reservoir and Pumping Facilities	0.00d	04-Feb-16 A		◆ Start of Construction at Proje...																																			
GAZII-IA-10	Finish of Construction at Project 2 - Ma'an Reservoir and Pumping Facilities	0.00d		03-Aug-17	◆ Finish of Construction at P																																			
<b>Preconstruction Phase</b>					26-Apr-16 A, Preconstruction P...																																			
<b>Mobilization</b>					18-Jan-16 A, Mobilization																																			
GAZII - MOB0999	Construction Site Handover and Receive Conformed Drawings	1.00d	26-Oct-15 A	27-Oct-15 A	I Construction Site Handover and...																																			
GAZII - MOB1000	Pre-Construction Dilapidation Survey	5.00d	19-Nov-15	23-Nov-15	I Pre-Construction Dilapidation ...																																			
GAZII - MOB1010	Provide, furnish and erect Temporary Project Signs	2.00d	26-Dec-15	29-Dec-15	I Provide, furnish and erect Tem...																																			
GAZII - MOB1020	Supply and furnish Field Office Furniture and Miscellaneous	2.00d	30-Dec-15	31-Dec-15	I Supply and furnish Field Offic...																																			
GAZII - MOB1030	Supply and install Field Office Computer Systems and IT Equipments	2.00d	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	2.00d	22-Dec-15	31-Dec-15	I Arrange for and erect Contract...																																			
GAZII - MOB1060	Post OSHA-required notices and establish safety programs	2.00d	22-Dec-15	31-Dec-15	I Post OSHA-required notices and...																																			
GAZII - MOB1070	Installation of Temporary Facilities as per section 01500	5.00d	03-Dec-15	31-Dec-15	I Installation of Temporary Faci...																																			
<b>Preconstruction Submittals</b>					26-Apr-16 A, Preconstruction S...																																			
GAZII-PC-SUB-01	Preparation & Submit Copy of Bank Guarantee Certificates	1.00d	11-Nov-15	12-Nov-15	I Preparation & Submit Copy of B...																																			
GAZII-PC-SUB-01-R&A	Review & Approval of Bank Guarantee Certificates	21.00d	12-Nov-15	23-Nov-15	I Review & Approval of Bank Guar...																																			
GAZII-PC-SUB-02	Preparation & Submit Scheduling Qualification Submittal	2.00d	10-Nov-15	12-Nov-15	I Preparation & Submit Scheduling...																																			
GAZII-PC-SUB-02-R&A	Review & Approval of Scheduling Qualification Submittal	21.00d	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)	10.00d	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)	21.00d	22-Nov-15	13-Dec-15	I Review & Approval of Prelimina...																																			
GAZII-PC-SUB-04	Preparation & Submit Submittals Schedule	2.00d	10-Dec-15	19-Dec-15	I Preparation & Submit Submittal...																																			
GAZII-PC-SUB-04-R&A	Review & Approval of Submittals Schedule	21.00d	20-Dec-15	03-Jan-16 A	I Review & Approval of Submittal...																																			
GAZII-PC-SUB-05	Preparation & Submit Key Staff	5.00d	26-Oct-15 A	20-Dec-15	I Preparation & Submit Key Staff																																			
GAZII-PC-SUB-05-R&A	Review & Approval of Key Staff	21.00d	20-Dec-15	24-Dec-15	I Review & Approval of Key Staff																																			
GAZII-PC-SUB-06	Preparation & Submit Project Temporary Signs	2.00d	11-Nov-15	12-Nov-15	I Preparation & Submit Project T...																																			
GAZII-PC-SUB-06-R&A	Review & Approval of Project Temporary Signs	21.00d	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	2.00d	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	21.00d	22-Nov-15	30-Nov-15	I Review & Approval of Engineer'...																																			
GAZII-PC-SUB-08	Preparation & Submit Field Office Furniture and Equipment Plan	2.00d	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	21.00d	22-Nov-15	23-Dec-15	I Review & Approval of Field Off...																																			
GAZII-PC-SUB-09	Preparation & Submit Field Office Computer Systems and Miscellaneous	5.00d	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	21.00d	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	5.00d	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	21.00d	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 - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package II**

02-May-16 16:40



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					
GAZII-MMS-3100	Prep. & Sub. of Expandable water stop.	15.00d	01-Dec-15	17-Feb-16 A	█ Prep. & Sub. of Expandable wat...																																			
GAZII-MMS-3110	Review & Approval of Expandable water stop.	21.00d	03-Dec-15	08-Mar-16 A	█ Review & Approval of Expandabl...																																			
<b>Electrical Material Submittals</b>																																								
GAZII-EMS-100	Prep. & Sub. Pressure Differential switches	9.00d	23-Feb-16 A	14-May-16	█ Prep. & Sub. Pressure Differen...																																			
GAZII-EMS-110	Review & Approval of Pressure differential switches	21.00d	25-Feb-16 A	01-Jun-16	█ Review & Approval of Pressure ...																																			
GAZII-EMS-180	Prep. & Sub. Pressure Transmitters	5.00d	18-Feb-16 A	23-Feb-16 A	█ Prep. & Sub. Pressure Transmit...																																			
GAZII-EMS-190	Review & Approval of Pressure Transmitters	21.00d	23-Feb-16 A	06-Apr-16 A	█ Review & Approval of Pressure ...																																			
GAZII-EMS-200	Prep. & Sub. Flow-meters	5.00d	12-Dec-15	07-May-16	█ Prep. & Sub. Flow-meters																																			
GAZII-EMS-210	Review & Approval of Flow-meters	21.00d	15-Dec-15	24-May-16	█ Review & Approval of Flow-mete...																																			
GAZII-EMS-220	Prep. & Sub. of RTU-PLC	20.00d	29-Mar-16 A	28-Apr-16 A	█ Prep. & Sub. of RTU-PLC																																			
GAZII-EMS-230	Review & Approval of RTU-PLC	21.00d	29-Mar-16 A	29-May-16	█ Review & Approval of RTU-PLC																																			
GAZII-EMS-260	Prep. & Sub. of Power Cable	5.00d	11-Dec-15	13-Dec-15	█ Prep. & Sub. of Power Cable																																			
GAZII-EMS-270	Review & Approval of Power Cable	21.00d	13-Dec-15	23-Dec-15	█ Review & Approval of Power Cab...																																			
GAZII-EMS-280	Prep. & Sub. of Data Cable	5.00d	20-Dec-15	08-May-16	█ Prep. & Sub. of Data Cable																																			
GAZII-EMS-290	Review & Approval of Data Cable	21.00d	20-Dec-15	24-May-16	█ Review & Approval of Data Cabl...																																			
GAZII-EMS-320	Prep. & Sub. of Switches	5.00d	12-Feb-16 A	14-Feb-16 A	█ Prep. & Sub. of Switches																																			
GAZII-EMS-330	Review & Approval of Switches	21.00d	14-Feb-16 A	23-Feb-16 A	█ Review & Approval of Switches																																			
GAZII-EMS-340	Prep. & Sub. of Program Logical Controller (PLC) Panel For Booster Station.	5.00d	21-Mar-16 A	29-Mar-16 A	█ Prep. & Sub. of Program Logica...																																			
GAZII-EMS-350	Review & Approval of Program Logical Controller (PLC) Panel For Booster Station.	21.00d	29-Mar-16 A	29-May-16	█ Review & Approval of Program L...																																			
GAZII-EMS-360	Prep. & Sub. of Variable Frequency Drives (VFD)	5.00d	26-Feb-16 A	20-Apr-16 A	█ Prep. & Sub. of Variable Frequ...																																			
GAZII-EMS-370	Review & Approval of Variable Frequency Drives (VFD)	21.00d	28-Feb-16 A	19-May-16	█ Review & Approval of Variable ...																																			
GAZII-EMS-420	Prep. & Sub. of Motor Control Centers (MCC)	5.00d	10-Dec-15	24-Jan-16 A	█ Prep. & Sub. of Motor Control ...																																			
GAZII-EMS-430	Review & Approval of Motor Control Centers (MCC)	21.00d	13-Dec-15	16-Feb-16 A	█ Review & Approval of Motor Con...																																			
GAZII-EMS-480	Prep. & Sub. Lighting Surge Arrestor	5.00d	04-May-16	09-May-16	█ Prep. & Sub. Lighting Surge Ar...																																			
GAZII-EMS-490	Review & Approval of Lighting Surge Arrestor	21.00d	10-May-16	09-Jun-16	█ Review & Approval of Lighting ...																																			
GAZII-EMS-500	Prep. & Sub. Lighting Surge Arrestor Cabinet	5.00d	04-May-16	09-May-16	█ Prep. & Sub. Lighting Surge Ar...																																			
GAZII-EMS-510	Review & Approval of Lighting Surge Arrestor Cabinet	21.00d	10-May-16	09-Jun-16	█ Review & Approval of Lighting ...																																			
GAZII-EMS-520	Prep. & Sub. Pressure Indicating Transmitter	9.00d	20-Feb-16 A	23-Feb-16 A	█ Prep. & Sub. Pressure Indicati...																																			
GAZII-EMS-530	Review & Approval of Pressure Indicating Transmitter	21.00d	23-Feb-16 A	01-Jun-16	█ Review & Approval of Pressure ...																																			
GAZII-EMS-540	Prep. & Sub. Grounding System	9.00d	08-Dec-15	10-Dec-15	█ Prep. & Sub. Grounding System																																			
GAZII-EMS-550	Review & Approval of Grounding System	21.00d	10-Dec-15	24-Dec-15	█ Review & Approval of Grounding...																																			
GAZII-EMS-560	Prep. & Sub. Switches and Sockets	9.00d	10-Dec-15	15-Feb-16 A	█ Prep. & Sub. Switches and Sock...																																			
GAZII-EMS-570	Review & Approval of Switches and Sockets	21.00d	13-Dec-15	23-Feb-16 A	█ Review & Approval of Switches ...																																			
GAZII-EMS-580	Prep. & Sub. Steel Light Pole	9.00d	10-Dec-15	24-Jan-16 A	█ Prep. & Sub. Steel Light Pole																																			
GAZII-EMS-590	Review & Approval of Steel Light Pole	21.00d	13-Dec-15	03-Feb-16 A	█ Review & Approval of Steel Lig...																																			
GAZII-EMS-600	Prep. & Sub. Lighting & Lamps	9.00d	28-Jan-16 A	31-Jan-16 A	█ Prep. & Sub. Lighting & Lamps																																			
GAZII-EMS-610	Review & Approval of Lighting & Lamps	21.00d	31-Jan-16 A	07-Feb-16 A	█ Review & Approval of Lighting ...																																			
GAZII-EMS-620	Prep. & Sub. Fire Alarm Detection	9.00d	12-Dec-15	14-May-16	█ Prep. & Sub. Fire Alarm Detect...																																			
GAZII-EMS-630	Review & Approval of Fire Alarm Detection	21.00d	17-Dec-15	01-Jun-16	█ Review & Approval of Fire Alar...																																			
GAZII-EMS-640	Prep. & Sub. Float Level Switch	9.00d	14-Dec-15	17-Dec-15	█ Prep. & Sub. Float Level Switc...																																			
GAZII-EMS-650	Review & Approval of Float Level Switch	21.00d	17-Dec-15	30-Dec-15	█ Review & Approval of Float Lev...																																			
GAZII-EMS-660	Prep. & Sub. Flexible Conduit For Electrical Work	9.00d	11-Dec-15	13-Dec-15	█ Prep. & Sub. Flexible Conduit ...																																			
GAZII-EMS-670	Review & Approval of Flexible Conduit For Electrical Work	21.00d	13-Dec-15	22-Dec-15	█ Review & Approval of Flexible ...																																			
GAZII-EMS-680	Prep. & Sub. Computer System Hardware	9.00d	04-May-16	14-May-16	█ Prep. & Sub. Computer System H...																																			
GAZII-EMS-690	Review & Approval of Computer System Hardware	21.00d	15-May-16	15-Jun-16	█ Review & Approval of Computer ...																																			
GAZII-EMS-700	Prep. & Sub. Network System	9.00d	04-May-16	14-May-16	█ Prep. & Sub. Network System																																			
GAZII-EMS-710	Review & Approval of Network System	21.00d	15-May-16	15-Jun-16	█ Review & Approval of Network S...																																			
GAZII-EMS-720	Prep. & Sub. Warning Tape for Electrical Work	9.00d	09-Dec-15	13-Dec-15	█ Prep. & Sub. Warning Tape for ...																																			

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







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



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					
GRAMMS420	Preparation and upload of Stainless Steel Pipes and Fittings on GRAMMS	53.00d	27-Oct-15 A	25-Jan-16 A	Preparation and upload of Stai...																																			
GRAMMS430	Approval of Stainless Steel Pipes and Fittings on GRAMMS	53.00d	25-Jan-16 A	01-Jun-16	Approval of Stainless Steel Pi...																																			
PROC-1600	Order of Stainless Steel Pipes and Fittings	30.00d	01-Jun-16	20-Jul-16	Order of Stainless Steel Pipes...																																			
PROC-1610	Manufacturing of Stainless Steel Pipes and Fittings	70.00d	20-Jul-16	28-Sep-16	Manufacturing of Stainless Ste...																																			
PROC-1620	Shipping of Stainless Steel Pipes and Fittings	21.00d	28-Sep-16	19-Oct-16	Shipping of Stainless Steel Pi...																																			
PROC-1630	Clearance of Stainless Steel Pipes and Fittings	14.00d	19-Oct-16	06-Nov-16	Clearance of Stainless Steel P...																																			
PROC-1640	Delivery of Stainless Steel Pipes and Fittings to project site	10.00d	06-Nov-16	17-Nov-16	Delivery of Stainless Steel Pi...																																			
<b>Booster Pump</b>					07-Dec-16, Booster Pump																																			
GRAMMS440	Preparation and upload of Booster Pump on GRAMMS	53.00d	27-Oct-15 A	27-Oct-15 A	Preparation and upload of Boos...																																			
GRAMMS450	Approval of Booster Pump on GRAMMS	53.00d	27-Oct-15 A	27-Oct-15 A	Approval of Booster Pump on GR...																																			
PROC-1650	Order of Booster Pump	30.00d	24-May-16	12-Jul-16	Order of Booster Pump																																			
PROC-1660	Manufacturing of Booster Pump	105.00d	12-Jul-16	25-Oct-16	Manufacturing of Booster Pump																																			
PROC-1670	Shipping of Booster Pump	21.00d	25-Oct-16	15-Nov-16	Shipping of Booster Pump																																			
PROC-1680	Clearance of Booster Pump	14.00d	15-Nov-16	01-Dec-16	Clearance of Booster Pump																																			
PROC-1690	Delivery of Booster Pump to project site	5.00d	01-Dec-16	07-Dec-16	Delivery of Booster Pump to pr...																																			
<b>VFD</b>					11-Dec-16, VFD																																			
DN-1280	Preparation and submission of Donation number request for VFD	30.00d	01-May-16	06-Jun-16	Preparation and submission of ...																																			
DN-1290	Approval of Donation Number request for VFD	100.00d	07-Jun-16	02-Oct-16	Approval of Donation Number re...																																			
GRAMMS460	Preparation and upload of VFD on GRAMMS	53.00d	27-Oct-15 A	27-Oct-15 A	Preparation and upload of VFD ...																																			
GRAMMS470	Approval of VFD on GRAMMS	53.00d	27-Oct-15 A	27-Oct-15 A	Approval of VFD on GRAMMS																																			
PROC-1700	Order of VFD	6.00d	21-May-16	26-May-16	Order of VFD																																			
PROC-1710	Manufacturing of VFD	150.00d	27-May-16	23-Oct-16	Manufacturing of VFD																																			
PROC-1720	Shipping of VFD	21.00d	24-Oct-16	13-Nov-16	Shipping of VFD																																			
PROC-1730	Clearance of VFD	14.00d	14-Nov-16	29-Nov-16	Clearance of VFD																																			
PROC-1740	Delivery of VFD to project site	10.00d	30-Nov-16	11-Dec-16	Delivery of VFD to project sit...																																			
<b>Transformer</b>					21-Nov-16, Transformer																																			
DN-1300	Preparation and submission of Donation number request for Transformer	30.00d	01-May-16	06-Jun-16	Preparation and submission of ...																																			
DN-1310	Approval of Donation Number request for Transformer	100.00d	07-Jun-16	02-Oct-16	Approval of Donation Number re...																																			
GRAMMS480	Preparation and upload of Transformer on GRAMMS	53.00d	27-Oct-15 A	27-Oct-15 A	Preparation and upload of Tran...																																			
GRAMMS490	Approval of Transformer on GRAMMS	53.00d	27-Oct-15 A	27-Oct-15 A	Approval of Transformer on GRA...																																			
PROC-1750	Order of Transformer	6.00d	02-Jun-16	11-Jun-16	Order of Transformer																																			
PROC-1760	Manufacturing of Transformer	90.00d	11-Jun-16	09-Sep-16	Manufacturing of Transformer																																			
PROC-1770	Shipping of Transformer	21.00d	03-Oct-16	23-Oct-16	Shipping of Transformer																																			
PROC-1780	Clearance of Transformer	14.00d	25-Oct-16	09-Nov-16	Clearance of Transformer																																			
PROC-1790	Delivery of Transformer to project site	10.00d	10-Nov-16	21-Nov-16	Delivery of Transformer to pro...																																			
<b>Generator</b>					23-Oct-16, Generator																																			
<b>AI Berkah Diesel Generator</b>					10-Oct-16, AI Berkah Diesel Ge...																																			
DN-1320	Preparation and submission of Donation number request for AI Berkah Diesel Generator	30.00d	09-Feb-16 A	09-Mar-16 A	Preparation and submission of ...																																			
DN-1330	Approval of Donation Number request for AI Berkah Diesel Generator	100.00d	09-Mar-16 A	23-Mar-16 A	Approval of Donation Number re...																																			
GRAMMS500	Preparation and upload of AI Berkah Diesel Generator on GRAMMS	53.00d	27-Oct-15 A	27-Oct-15 A	Preparation and upload of AI B...																																			
GRAMMS510	Approval of AI Berkah Diesel Generator on GRAMMS	53.00d	27-Oct-15 A	27-Oct-15 A	Approval of AI Berkah Diesel ...																																			
PROC-1800	Order of AI Berkah Diesel Generator	6.00d	24-May-16	31-May-16	Order of AI Berkah Diesel Gen...																																			
PROC-1810	Manufacturing of AI Berkah Diesel Generator	80.00d	31-May-16	19-Aug-16	Manufacturing of AI Berkah Di...																																			
PROC-1820	Shipping of AI Berkah Diesel Generator	21.00d	19-Aug-16	09-Sep-16	Shipping of AI Berkah Diesel ...																																			
PROC-1830	Clearance of AI Berkah Diesel Generator	14.00d	09-Sep-16	26-Sep-16	Clearance of AI Berkah Diesel...																																			
PROC-1840	Delivery of AI Berkah Diesel Generator to project site	10.00d	26-Sep-16	10-Oct-16	Delivery of AI Berkah Diesel G...																																			
<b>Ma'an Diesel Generator</b>					23-Oct-16, Ma'an Diesel Genera...																																			
DN-1620	Preparation and submission of Donation number request for Ma'an Diesel Generator	30.00d	09-Feb-16 A	09-Mar-16 A	Preparation and submission of ...																																			

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























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

02-May-16 16:40



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>Demobilization Cost</b>																																								
GAZII - 1010	Al Berkah Demobilization Summary Cost	37.42d	18-Jun-17	16-Aug-17																																				
<b>Project 2, Construction of Ma'an Reservoir and Pumping Facilities:</b>																																								
<b>Mobilization Cost</b>																																								
GAZII - MOB1080	Ma'an Mobilization Summary Cost	71.00d	26-Oct-15 A	18-Jan-16 A																																				
<b>Construction of Ma'an Facilities</b>																																								
<b>Traffic Control Plan and Safety measures</b>																																								
E-MAN-7585	Implementation of Safety measures and Traffic Control Plan for Ma'an Facilities	2.00d	06-Jan-16 A	07-Jan-16 A																																				
E-MAN-7586	Demolition, removal, clear and grub site (Demolition of Existing Ware House)	21.00d	04-Feb-16 A	24-Feb-16 A																																				
E-MAN-7587	Removal and disposal of roofing on structures and in storage on site including existing piping and utilities	21.00d	04-Feb-16 A	25-Apr-16 A																																				
E-MAN-7595	Maintain of Traffic Control Plan and Safety measures for Ma'an Facilities	353.75d	07-Jan-16 A	03-Aug-17																																				
E-MAN-YW-1010	Demolition - Render all buildings to be demoed electrically safe	12.00d	24-Feb-16 A	25-Apr-16 A																																				
<b>Ma'an Booster Station</b>																																								
<b>Disinfection Building</b>																																								
<b>Civil &amp; Structural Works</b>																																								
E-MAN-DIS-1000	Excavate to the required depth	1.00d	14-Mar-17	14-Mar-17																																				
E-MAN-DIS-1010	Furnishing, leveling, and compacting of selected backfill	2.00d	15-Mar-17	16-Mar-17																																				
E-MAN-DIS-1020	Furnish and install subgrade sanitary drain piping	2.00d	18-Mar-17	19-Mar-17																																				
E-MAN-DIS-1030	Furnish and install lean concrete (blinding 100mm)	1.00d	20-Mar-17	20-Mar-17																																				
E-MAN-DIS-1040	Form/Steel Rebars for Foundation	4.00d	21-Mar-17	25-Mar-17																																				
E-MAN-DIS-1060	Cast Concrete for Foundation	1.00d	27-Mar-17	27-Mar-17																																				
E-MAN-DIS-1070	Concrete Curing	7.00d	28-Mar-17	04-Apr-17																																				
E-MAN-DIS-1080	Form/Steel Rebars for Slab on Grade	3.00d	28-Mar-17	30-Mar-17																																				
E-MAN-DIS-1100	Cast R.C. for the Slab on Grade	1.00d	01-Apr-17	01-Apr-17																																				
E-MAN-DIS-1110	Concrete Curing	7.00d	05-Apr-17	12-Apr-17																																				
E-MAN-DIS-1120	Form/Steel Rebars for the Walls & column	4.00d	02-Apr-17	05-Apr-17																																				
E-MAN-DIS-1130	Cast Reinforced Concrete for the Walls & column	1.00d	13-Apr-17	13-Apr-17																																				
E-MAN-DIS-1140	Concrete Curing	7.00d	15-Apr-17	24-Apr-17																																				
E-MAN-DIS-1150	Deshuttering & Curing For Walls	7.00d	25-Apr-17	03-May-17																																				
E-MAN-DIS-1160	Form/Steel Rebars for the Roof Slab	4.00d	04-May-17	08-May-17																																				
E-MAN-DIS-1170	Cast Reinforced Concrete for the Roof Slab	1.00d	09-May-17	09-May-17																																				
E-MAN-DIS-1180	Concrete Curing	7.00d	10-May-17	17-May-17																																				
E-MAN-DIS-1190	Deshuttering for the Roof Slab & backfilling	2.00d	27-May-17	30-May-17																																				
<b>Finishing Works</b>																																								
E-MAN-DIS-1200	Furnish & Install Interior & Exterior Plaster	5.00d	30-May-17	08-Jun-17																																				
E-MAN-DIS-1210	Furnish & Install Hatches, Vents, Ladders, Grating etc	2.00d	30-May-17	03-Jun-17																																				
E-MAN-DIS-1240	Apply Acrillic Coats for External Walls	3.00d	08-Jun-17	13-Jun-17																																				
E-MAN-DIS-1250	Furnish & Install insulation, Roofing, Coping and All Items etc	4.00d	14-Jun-17	21-Jun-17																																				
E-MAN-DIS-1260	Furnish & Install Furniture and Fittings	4.00d	14-Jun-17	21-Jun-17																																				
E-MAN-DIS-1270	Furnish & Install All Architectural Elements	4.00d	14-Jun-17	21-Jun-17																																				
E-MAN-DIS-1280	Furnish & Install Doors and Windows	4.00d	14-Jun-17	21-Jun-17																																				
<b>Mechanical Works</b>																																								
E-MAN-DIS-1090	Furnish & Install of Utility Piping including Pipe Supports & Valves	4.00d	30-May-17	06-Jun-17																																				
E-MAN-DIS-1310	Furnish and install sodium hypochlorite tanks	5.00d	21-Jun-17	03-Jul-17																																				
E-MAN-DIS-1320	Clean and pressure test utility piping < 110mm	5.00d	21-Jun-17	03-Jul-17																																				
E-MAN-DIS-1330	Furnish & Install Miscellaneous Plumbing Components	5.00d	21-Jun-17	03-Jul-17																																				
<b>Electrical &amp; Instrumentation Works</b>																																								
E-MAN-DIS-1050	Furnish and Installation of Grounding System	1.00d	26-Mar-17	26-Mar-17																																				

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











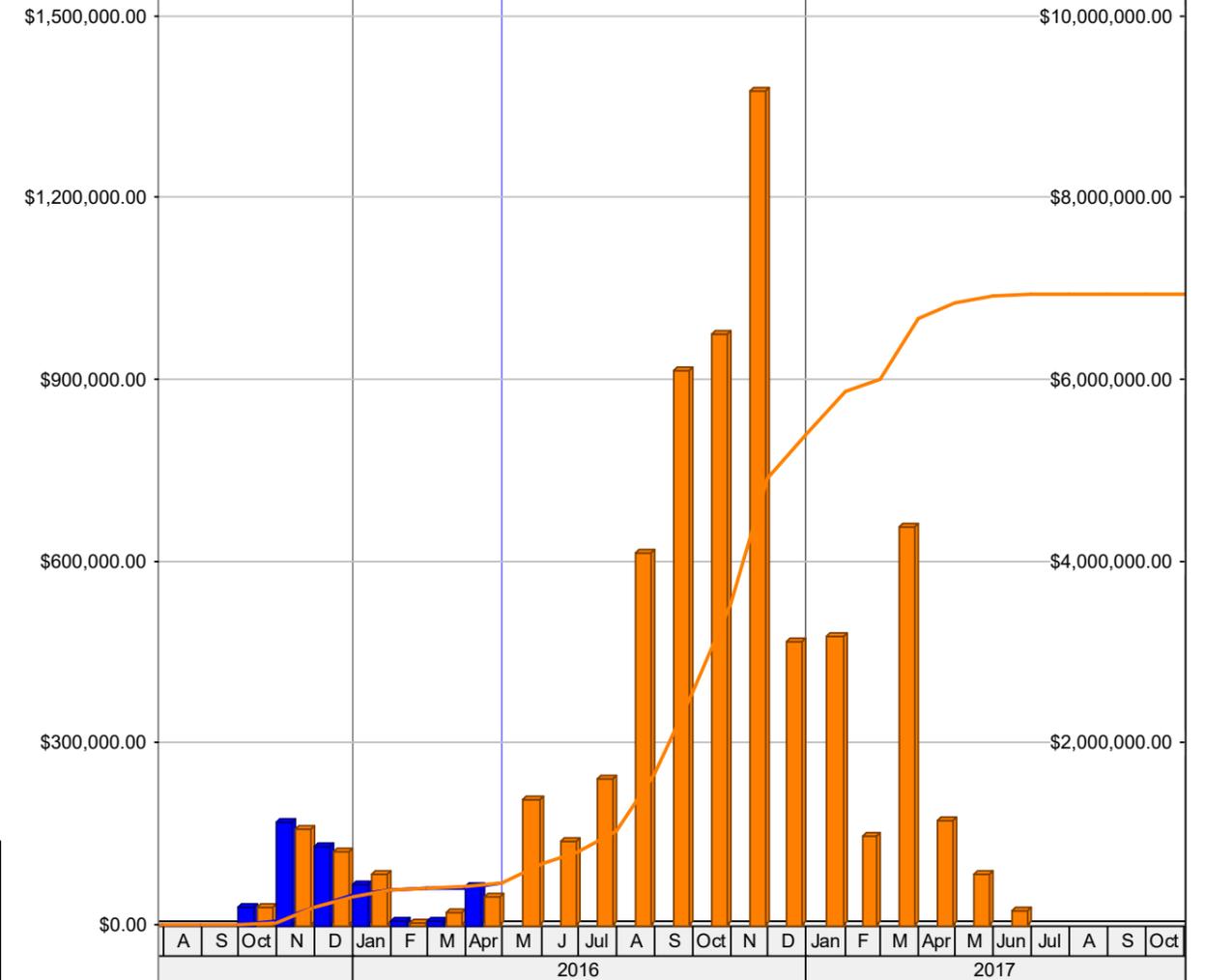




# Annex D - Progress S Curve

- S – Curve is based on approved CPM schedule

WBS Name	Start	Finish	Schedule % Complete	Cost % Complete	Actual Total Cost	2016												2017																	
						A	S	Oct	N	D	Jan	F	M	Apr	M	J	Jul	A	S	Oct	N	D	Jan	F	M	Apr	M	Jun	Jul	A	S	Oct			
<b>TO 15-09 GAZII - Baseline Schedule - Construction of Reservoirs and Pum</b>	26-Oct-1	16-Aug-17	6.57%	6.71%	\$465,932.54	[Gantt bars showing project progress]																													
<b>Milestones</b>	26-Oct-1	16-Aug-17	0%	0%	\$0.00	[Gantt bars]																													
General Milestones	26-Oct-1	16-Aug-17	0%	0%	\$0.00	[Gantt bars]																													
Intermediate Milestones	26-Oct-1	03-Aug-17	0%	0%	\$0.00	[Gantt bars]																													
<b>Preconstruction Phase</b>	26-Oct-1	26-Apr-16 A	0%	0%	\$0.00	[Gantt bars]																													
Mobilization	26-Oct-1	18-Jan-16 A	0%	0%	\$0.00	[Gantt bars]																													
Preconstruction Submittals	26-Oct-1	26-Apr-16 A	0%	0%	\$0.00	[Gantt bars]																													
Traffic Control Plan, Coordination and Permits	29-Nov-15 A	14-Feb-16 A	0%	0%	\$0.00	[Gantt bars]																													
<b>Construction Phase</b>	26-Oct-1	16-Aug-17	6.57%	6.71%	\$465,932.54	[Gantt bars]																													
Construction Submittals	01-Dec-1	05-Sep-16	0%	0%	\$0.00	[Gantt bars]																													
Procurement-1	26-Oct-1	03-Mar-17	0%	0%	\$0.00	[Gantt bars]																													
Execution	26-Oct-1	16-Aug-17	6.57%	6.71%	\$465,932.54	[Gantt bars]																													
Project 1, Construction of Al Berkah Reservoir and Pumping Facilities	26-Oct-1	16-Aug-17	5.61%	6.88%	\$271,032.87	[Gantt bars]																													
Project 2, Construction of Ma'an Reservoir and Pumping Facilities:	26-Oct-1	16-Aug-17	7.82%	6.49%	\$194,899.67	[Gantt bars]																													
<b>Post Construction Phase</b>	18-Jun-17	16-Aug-17	0%	0%	\$0.00	[Gantt bars]																													
Post construction Submittals	18-Jun-17	16-Aug-17	0%	0%	\$0.00	[Gantt bars]																													
Demobilization			0%	0%	\$0.00	[Gantt bars]																													



■ 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**

**a. Project 01: Al Berkah**

SITE MEMOS LOG_TO CONTRACTOR						
No.	SM No.	Project	Description	Sent Date	Type	Remarks
1	SM-15-00009-BER-E-C-001	BER	Walkthrough for Al Berkah Supply Line 1, Supply Line 2 & Distribution Line	March 15, 2016	Record of Joint Walkthrough	
2	SM-15-00009-BER-E-C-002	BER	New Arrangement of Al Berkah Retaining Wall	April 4, 2016	Site Instructions	with VOR
3	SM-15-00009-GAZII-E-C-003	GA-ZII	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

**b. Project 02: Ma'an**

SITE MEMOS LOG_TO CONTRACTOR						
No.	SM No.	Project	Description	Sent Date	Type	Remarks
1	SM-15-00009-GAZII-E-C-003	GA-ZII	Connect USAID with CCTV System at Al Berkah and Ma'an Construction Sites	April 12, 2016	Site Instructions	
2	SM-15-00009-MAN-E-C-005	MAN	Walkthrough for Ma'an Distribution pipeline	April 26, 2016	Record of Joint Walkthrough	with VOR

# Annex F - Inspection Request Log

**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
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 merdidur pipes PN16 (32mm, 50mm, 75mm and 110mm)</li> <li>• Connection joint PN16 (32mm, 50mm, 75mm and 110mm)</li> <li>• PVC Coupler (PVC/GV pipe) (32mm, 50mm and 75MM)</li> <li>• PVC Reducer 90/75mm &amp; 63/50mm</li> <li>• PVC long radius elbow (32mm and 50mm)</li> </ul>	April 20, 2016	April 21, 2016	A		
17	IR-15-00009-BER-016.-A	A	Formation level and compaction for base course layer at Al Berkah retaining wall – For segments (1-4)	April 23, 2016	April 24, 2016	A		

**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
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		

**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**

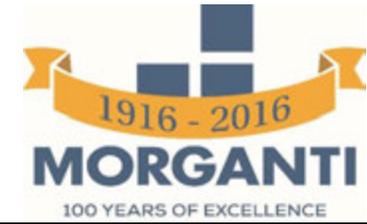


**Maan IR LOG**

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
1	IR-15-00009-MAN-001-A	A	Installation of the project temporary sign	January 5, 2016	January 6, 2016	A		
2	IR-15-00009-MAN-002-A	A	Engineer's Primary Field Office furniture	January 12, 2016	January 12, 2016	C		
3	IR-15-00009-MAN-002-B	B	Engineer's Primary Field Office furniture	January 18, 2016	January 18, 2016	A		
4	IR-15-00009-MAN-003-A	A	The Storage Yard	January 14, 2016	January 14, 2016	A		
5	IR-15-00009-MAN-004-A	A	Field Office Computer systems and Miscellaneous	January 18, 2016	January 18, 2016	A		
6	IR-15-00009-MAN-005-A	A	Demolition of Existing Ware House	February 4, 2016	February 4, 2016	A		
7	IR-15-00009-MAN-006-A	A	Reservoir Drain Pipe & Fittings	March 10, 2016	March 13, 2016	C		
8	IR-15-00009-MAN-006-B	B	Reservoir Drain Pipe & Fittings	March 24, 2016	March 24, 2016	A		
9	IR-15-00009-MAN-007-A	A	Excavation for Ma'an Reservoir foundation to the required design level	March 26, 2016	March 26, 2016	A		
10	IR-15-00009-MAN-008-A	A	Traffic Plan in Ma'an Site	March 27, 2016	March 27, 2016	C		
11	IR-15-00009-MAN-009-A	A	Start lowering the existing pipes under Ma'an reservoir	April 6, 2016	April 7, 2016	A		
12	IR-15-00009-MAN-010-A	A	Expandable Water Stop, Water Stop (150mm, 250mm) and Perforated Pipes	April 14, 2016	April 14, 2016	A		
13	IR-15-00009-MAN-011-A	A	Casting concrete to encasement the water pipeline under reservoir	April 17, 2016	April 18, 2016	A		
14	IR-15-00009-MAN-012-A	A	<ul style="list-style-type: none"> <li>• Plassim merdidur pipes PN16 (32mm, 50mm, 75mm and 110mm)</li> <li>• Connection joint PN16 (32mm, 50mm, 75mm and 110mm)</li> <li>• PVC Coupler (PVC/GV pipe) (32mm, 50mm and 75MM)</li> <li>• PVC Reducer 90/75mm &amp; 63/50mm</li> <li>• PVC long radius elbow (32mm and 50mm)</li> </ul>	April 20, 2016	April 21, 2016	A		
15	IR-15-00009-MAN-013-A	A	• Black thick simple sheet 0.5 mm thick	April 25, 2016	April 26, 2016	A		
16	IR-15-00009-MAN-014-A	A	Excavation and installation of reservoir drain pipes	April 26, 2016	April 27, 2016	A		
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		

# **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

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

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 13, 2015	January 5, 2016	B
62	SUB-15-00009-GAZII-032-C	GAZII	C	Environmental Monitoring & Mitigation Plan	Preconstruction	February 17, 2016	December 13, 2015	February 23, 2016	A
63	SUB-15-00009-GAZII-033-A	GAZII	A	Warning Tape	Electrical Material	December 13, 2015	December 13, 2015	December 25, 2015	C
64	SUB-15-00009-GAZII-033-B	GAZII	B	Warning Tape	Electrical Material	January 5, 2016	January 5, 2016	January 13, 2016	A
65	SUB-15-00009-GAZII-034-A	GAZII	A	Main Distribution Board	Electrical Material	December 13, 2015	December 13, 2015	December 28, 2015	C
66	SUB-15-00009-GAZII-034-B	GAZII	B	Main Distribution Board	Electrical Material	January 24, 2016	January 24, 2016	February 16, 2016	A

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

No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
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
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-057-A	GAZII	A	PVC Box ( ELECTRICAL)	Electrical Material	December 15, 2015	December 16, 2015	December 30, 2015	A
112	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
113	SUB-15-00009-GAZII-058-B	GAZII	B	2" Combination Air Valves	Mechanical Material	January 17, 2016	January 17, 2016	January 27, 2016	A
114	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
115	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
116	SUB-15-00009-GAZII-060-A	GAZII	A	Ball Valves DN50 & Smaller	Mechanical Material	December 15, 2015	December 16, 2015	December 30, 2015	B

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117	SUB-15-00009-GAZII-060-B	GAZII	B	Ball Valves DN50 & Smaller	Mechanical Material	February 11, 2016	February 11, 2016	February 23, 2016	A
118	SUB-15-00009-GAZII-061-A	GAZII	A	Electromagnetic Flow Meter	Mechanical & Electrical Material	December 15, 2015	December 16, 2015	January 11, 2016	C
119	SUB-15-00009-GAZII-062-A	GAZII	A	Pressure Level Transmitters	Mechanical & Electrical Material	December 15, 2015	December 16, 2015	January 7, 2016	C
120	SUB-15-00009-GAZII-062-B	GAZII	B	Pressure Level Transmitters	Mechanical & Electrical Material	April 18, 2016	April 18, 2016	April 21, 2016	E
121	SUB-15-00009-GAZII-063-A	GAZII	A	Back Flow Preventer	Mechanical Material	December 15, 2015	December 16, 2015	January 3, 2016	A
122	SUB-15-00009-GAZII-064-A	GAZII	A	Float Level Switch	Mechanical Material	December 16, 2015	December 17, 2015	December 30, 2015	A
123	SUB-15-00009-GAZII-065-A	GAZII	A	Flow Switch	Mechanical & Electrical Material	December 16, 2015	December 17, 2015	December 30, 2015	B
124	SUB-15-00009-GAZII-065-B	GAZII	B	Flow Switch	Mechanical & Electrical Material	February 14, 2016	February 14, 2016	February 23, 2016	A
125	SUB-15-00009-GAZII-066-A	GAZII	A	Pipe Expansion Joint- Mechanical	Mechanical Material	December 16, 2015	December 17, 2015	January 11, 2016	C
126	SUB-15-00009-GAZII-066-B	GAZII	B	Pipe Expansion Joint- Mechanical	Mechanical Material	January 19, 2016	January 21, 2016	January 31, 2016	A
127	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
128	SUB-15-00009-GAZII-068-A	GAZII	A	Control & Signal Cable – Electrical	Electrical Material	December 19, 2015	December 20, 2015	December 30, 2015	D
129	SUB-15-00009-GAZII-068-B	GAZII	B	Control & Signal Cable – Electrical	Electrical Material	March 29, 2016	March 29, 2016	April 13, 2016	C
130	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
131	SUB-15-00009-GAZII-070-A	GAZII	A	Installation Wire – Electrical	Electrical Material	December 19, 2015	December 20, 2015	December 30, 2015	A
132	SUB-15-00009-GAZII-071-A	GAZII	A	Intrusion System – Electrical	Electrical Material	December 19, 2015	December 20, 2015	December 30, 2015	A
133	SUB-15-00009-GAZII-072-A	GAZII	A	Fire Alarm System – Electrical	Electrical Material	December 19, 2015	December 20, 2015	December 30, 2015	C
134	SUB-15-00009-GAZII-072-B	GAZII	B	Fire Alarm System – Electrical	Electrical Material	February 11, 2016	February 11, 2016	February 23, 2016	C
135	SUB-15-00009-GAZII-073-A	GAZII	A	Key Personnel	Preconstruction	December 20, 2015	December 21, 2015	December 28, 2015	E
136	SUB-15-00009-GAZII-074-A	GAZII	A	Submittals Schedule	Preconstruction	December 20, 2015	December 21, 2015	January 3, 2016	B
137	SUB-15-00009-GAZII-075-A	GAZII	A	Quality Control Program (QCP)	Preconstruction	December 20, 2015	December 21, 2015	January 17, 2016	C
138	SUB-15-00009-GAZII-075-B	GAZII	B	Quality Control Program (QCP)	Preconstruction	January 28, 2016	January 28, 2016	February 16, 2016	B
139	SUB-15-00009-GAZII-076-A	GAZII	A	Safety Plane	Preconstruction	December 23, 2015	December 21, 2015	January 11, 2016	C
140	SUB-15-00009-GAZII-076-B	GAZII	B	Safety Plane	Preconstruction	January 13, 2016	January 14, 2016	January 31, 2016	A

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141	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
142	SUB-15-00009-GAZII-077-B	GAZII	B	Flanged coupling adapters (PN16) For Ductile Iron Pipes	Mechanical Material	April 28, 2016	April 28, 2016		Under Review
143	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
144	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
145	SUB-15-00009-GAZII-078-C	GAZII	C	Flanged coupling adapters (PN16) For Steel Pipes	Mechanical Material	April 28, 2016	April 28, 2016		Under Review
146	SUB-15-00009-GAZII-079-A	GAZII	A	Strainer	Mechanical Material	December 23, 2015	December 23, 2015	January 3, 2016	C
147	SUB-15-00009-GAZII-079-B	GAZII	B	Strainer	Mechanical Material	January 17, 2016	January 17, 2016	January 26, 2016	A
148	SUB-15-00009-GAZII-080-A	GAZII	A	Pressure Gauges & Snubbers	Mechanical Material	December 23, 2015	December 23, 2015	January 11, 2016	C
149	SUB-15-00009-GAZII-080-B	GAZII	B	Pressure Gauges & Snubbers	Mechanical Material	February 25, 2016	February 25, 2016	March 15, 2016	C
150	SUB-15-00009-GAZII-081-A	GAZII	A	Disinfection System Instruments	Mechanical & Electrical Material	December 23, 2015	December 23, 2015	January 17, 2016	C
151	SUB-15-00009-GAZII-081-B	GAZII	B	Disinfection System Instruments	Mechanical & Electrical Material	January 27, 2016	January 27, 2016	February 23, 2016	C
152	SUB-15-00009-GAZII-081-C	GAZII	C	Disinfection System Instruments	Mechanical & Electrical Material	March 20, 2016	March 20, 2016	March 29, 2016	C
153	SUB-15-00009-GAZII-081-D	GAZII	D	Disinfection System Instruments	Mechanical & Electrical Material	March 31, 2016	March 31, 2016	April 12, 2016	A
154	SUB-15-00009-GAZII-082-A	GAZII	A	Flap Valve	Mechanical Material	December 23, 2015	December 23, 2015	January 3, 2016	B
155	SUB-15-00009-GAZII-082-B	GAZII	B	Flap Valve	Mechanical Material	February 11, 2016	February 11, 2016	February 23, 2016	A
156	SUB-15-00009-GAZII-083-A	GAZII	A	Plumping Fixtures	Mechanical Material	December 23, 2015	December 23, 2015	January 3, 2016	A
157	SUB-15-00009-GAZII-084-A	GAZII	A	Original CPM Schedule Submittal	Preconstruction	December 27, 2015	December 27, 2015	January 24, 2016	C
158	SUB-15-00009-GAZII-084-B	GAZII	B	Original CPM Schedule Submittal	Preconstruction	March 1, 2016	March 1, 2016	March 21, 2016	C
159	SUB-15-00009-GAZII-084-C	GAZII	C	Original CPM Schedule Submittal	Preconstruction	March 28, 2016	March 28, 2016	April 26, 2016	B
160	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
161	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
162	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
163	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

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164	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
165	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
166	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
167	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
168	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
169	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
170	SUB-15-00009-GAZII-089-A	GAZII	A	Security Plan	Preconstruction	January 5, 2016	January 5, 2016	January 11, 2016	C
171	SUB-15-00009-GAZII-089-B	GAZII	B	Security Plan	Preconstruction	January 19, 2016	January 21, 2016	January 26, 2016	E
172	SUB-15-00009-GAZII-090-A	GAZII	A	Subcontractor Profile	Preconstruction	January 6, 2016	January 7, 2016	January 11, 2016	C
173	SUB-15-00009-GAZII-090-B	GAZII	B	Subcontractor Profile	Preconstruction	January 17, 2016	January 17, 2016	January 21, 2016	E
174	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
175	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
176	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
177	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
178	SUB-15-00009-GAZII-092-A	GAZII	A	Check valve	Mechanical Material	January 17, 2016	January 17, 2016	February 14, 2016	A
179	SUB-15-00009-GAZII-093-A	GAZII	A	Tapping saddles	Mechanical Material	January 17, 2016	January 17, 2016	January 31, 2016	C
180	SUB-15-00009-GAZII-093-B	GAZII	B	Tapping saddles	Mechanical Material	February 11, 2016	February 11, 2016	March 1, 2016	A
181	SUB-15-00009-GAZII-094-A	GAZII	A	Formwork System	Civil Material	January 19, 2016	January 21, 2016	February 10, 2016	C
182	SUB-15-00009-GAZII-094-B	GAZII	B	Formwork System (Reservoir Walls)	Civil Material	February 11, 2016	February 11, 2016	February 28, 2016	E
183	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
184	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

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185	SUB-15-00009-GAZII-097-A	GAZII	A	Main Distribution Board	Shop drawing - Electrical	January 19, 2016	January 21, 2016	February 17, 2016	C
186	SUB-15-00009-GAZII-097-B	GAZII	B	Main Distribution Board	Shop drawing - Electrical	February 21, 2016	February 21, 2016	February 23, 2016	A
187	SUB-15-00009-GAZII-098-A	GAZII	A	Sub Distribution Board	Shop drawing - Electrical	January 19, 2016	January 21, 2016	February 16, 2016	C
188	SUB-15-00009-GAZII-098-B	GAZII	B	Sub Distribution Board	Shop drawing - Electrical	February 21, 2016	February 21, 2016	March 3, 2016	A
189	SUB-15-00009-GAZII-099-A	GAZII	A	Dismantling Joint	Mechanical Material	January 21, 2016	January 21, 2016	February 3, 2016	A
190	SUB-15-00009-GAZII-100-A	GAZII	A	Grounding manhole	Electrical Material	January 21, 2016	January 21, 2016	January 28, 2016	A
191	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
192	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
193	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
194	SUB-15-00009-GAZII-101-D	GAZII	D	Ductile iron pipe and fittings	Mechanical Material	March 24, 2016	March 24, 2016	April 2, 2016	Retracted
195	SUB-15-00009-GAZII-101-D	GAZII	D	Ductile iron pipe and fittings	Mechanical Material	April 24, 2016	April 24, 2016		Under Review
196	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
197	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
198	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
199	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
200	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
201	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
202	SUB-15-00009-GAZII-105-A	GAZII	A	Plumping Pipes and Fittings	Mechanical Material	January 24, 2016	January 24, 2016	February 9, 2016	C
203	SUB-15-00009-GAZII-105-B	GAZII	B	Plumping Pipes and Fittings	Mechanical Material	March 27, 2016	March 27, 2016	March 31, 2016	C
204	SUB-15-00009-GAZII-106-A	GAZII	A	Flanged Ball Valves	Mechanical Material	January 24, 2016	January 24, 2016	February 8, 2016	C
205	SUB-15-00009-GAZII-106-B	GAZII	B	Flanged Ball Valves	Mechanical Material	February 11, 2016	February 11, 2016	February 23, 2016	A
206	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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207	SUB-15-00009-GAZII-107-B	GAZII	B	Polyethylene Storage Tanks	Mechanical Material	February 17, 2016	February 17, 2016	February 28, 2016	C
208	SUB-15-00009-GAZII-107-C	GAZII	C	Polyethylene Storage Tanks	Mechanical Material	March 9, 2016	March 9, 2016	March 13, 2016	A
209	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
210	SUB-15-00009-GAZII-109-A	GAZII	A	Solar Collection System	Mechanical Material	January 25, 2016	January 25, 2016	February 14, 2016	A
211	SUB-15-00009-GAZII-110-A	GAZII	A	Water Copper Tube	Mechanical Material	January 25, 2016	January 25, 2016	February 8, 2016	A
212	SUB-15-00009-GAZII-111-A	GAZII	A	Mechanical Coupling	Mechanical Material	January 25, 2016	January 25, 2016	February 14, 2016	C
213	SUB-15-00009-GAZII-111-B	GAZII	B	Mechanical Coupling	Mechanical Material	April 28, 2016	April 28, 2016		Under Review
214	SUB-15-00009-GAZII-112-A	GAZII	A	HAVC Copper Tube - Mechanical	Mechanical Material	January 25, 2016	January 25, 2016	February 8, 2016	A
215	SUB-15-00009-GAZII-113-A	GAZII	A	Water Drain Bottle Trap	Mechanical Material	January 25, 2016	January 25, 2016	February 14, 2016	A
216	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
217	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
218	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
219	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
220	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
221	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
222	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
223	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
224	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		Under Review
225	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
226	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
227	SUB-15-00009-MAN-117-C	MAN	C	Maan 3800 m3 Reservoir – Mechanical Shop Drawing	Shop drawing - Mechanical	April 7, 2016	April 7, 2016		Under Review
228	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

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229	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
230	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
231	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
232	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
233	SUB-15-00009-GAZII-120-A	GAZII	A	Gate Valve PN16	Mechanical Material	January 28, 2016	January 28, 2016	February 16, 2016	C
234	SUB-15-00009-GAZII-120-B	GAZII	B	Gate Valve PN16	Mechanical Material	February 23, 2016	February 23, 2016	March 8, 2016	A
235	SUB-15-00009-GAZII-121-A	GAZII	A	Floor Drains	Mechanical Material	January 28, 2016	January 28, 2016	February 14, 2016	C
236	SUB-15-00009-GAZII-121-B	GAZII	B	Floor Drains	Mechanical Material	February 15, 2016	February 15, 2016	February 28, 2016	C
237	SUB-15-00009-GAZII-122-A	GAZII	A	Roof Drains	Mechanical Material	January 28, 2016	January 28, 2016	February 14, 2016	C
238	SUB-15-00009-GAZII-122-B	GAZII	B	Roof Drains	Mechanical Material	February 15, 2016	February 15, 2016	February 28, 2016	A
239	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
240	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
241	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
242	SUB-15-00009-GAZII-125-A	GAZII	A	Alternative -lighting fixture	Electrical Material	January 31, 2016	January 31, 2016	February 7, 2016	A
243	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
244	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
245	SUB-15-00009-GAZII-127-A	GAZII	A	AC Units Guard House	Mechanical Material	January 31, 2016	January 31, 2016	February 7, 2016	C
246	SUB-15-00009-GAZII-127-B	GAZII	B	AC Units Guard House	Mechanical Material	February 15, 2016	February 15, 2016	February 28, 2016	A
247	SUB-15-00009-GAZII-128-A	GAZII	A	Concrete Curing Method Statement	Method Statement	January 31, 2016	January 31, 2016	February 24, 2016	B
248	SUB-15-00009-GAZII-128-B	GAZII	B	Concrete Curing Method Statement	Method Statement	March 10, 2016	March 10, 2016	March 21, 2016	A

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249	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
250	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
251	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
252	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
253	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
254	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
255	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
256	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
257	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
258	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
259	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
260	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
261	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
262	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
263	SUB-15-00009-GAZII-135-A	GAZII	A	ARV Chamber Shop Drawing (Mechanical)	Shop drawing - Mechanical	January 31, 2016	January 31, 2016		Retracted
264	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
265	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
266	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
267	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
268	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

No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
269	SUB-15-00009-MAN-137-A	MAN	A	Ma'an Pipe Line Shop Drawing	Shop drawing - Mechanical	February 3, 2016	February 3, 2016	February 25, 2016	C
270	SUB-15-00009-GAZII-138-A	GAZII	A	Emergency shower (disinfection building)	Mechanical Material	February 3, 2016	February 3, 2016	February 16, 2016	C
271	SUB-15-00009-GAZII-138-B	GAZII	B	Emergency shower (disinfection building)	Mechanical Material	April 24, 2016	April 24, 2016		Under Review
272	SUB-15-00009-GAZII-139-A	GAZII	A	Flange Ductile Iron Gasket	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	C
273	SUB-15-00009-GAZII-139-B	GAZII	B	Flange Ductile Iron Gasket	Mechanical Material	February 25, 2016	February 25, 2016	March 2, 2016	A
274	SUB-15-00009-GAZII-140-A	GAZII	A	Air Supply Grilles	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	C
275	SUB-15-00009-GAZII-140-B	GAZII	B	Air Supply Grilles	Mechanical Material	February 23, 2016	February 23, 2016	February 28, 2016	A
276	SUB-15-00009-GAZII-141 A	GAZII	A	Air Exhaust Grilles	Mechanical Material	February 3, 2016	February 3, 2016	February 21, 2016	A
277	SUB-15-00009-GAZII-142-A	GAZII	A	Potable Water Tank	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	D
278	SUB-15-00009-GAZII-143-A	GAZII	A	PVC Sheet	Civil Material	February 3, 2016	February 3, 2016	February 23, 2016	A
279	SUB-15-00009-GAZII-144-A	GAZII	A	Steel Fittings - FIP Products	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	C
280	SUB-15-00009-GAZII-144-B	GAZII	B	Steel Fittings - FIP Products	Mechanical Material	February 24, 2016	February 24, 2016	March 1, 2016	B
281	SUB-15-00009-GAZII-144-C	GAZII	C	Steel Fittings - FIP Products	Mechanical Material	March 27, 2016	March 27, 2016	March 31, 2016	A
282	SUB-15-00009-GAZII-145-A	GAZII	A	Steel Flanges	Mechanical Material	February 3, 2016	February 3, 2016	February 17, 2016	D
283	SUB-15-00009-GAZII-145-B	GAZII	B	Steel Flanges	Mechanical Material	February 23, 2016	February 23, 2016	February 28, 2016	A
284	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
285	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
286	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
287	SUB-15-00009-GAZII-149-A	GAZII	A	Manhole Covers "750 mm"	Civil Material	February 7, 2016	February 7, 2016	February 25, 2016	C
288	SUB-15-00009-GAZII-149-B	GAZII	B	Manhole Covers "750 mm"	Civil Material	March 20, 2016	March 20, 2016	March 22, 2016	C

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289	SUB-15-00009-GAZII-149-C	GAZII	C	Manhole Covers "750 mm"	Civil Material	April 4, 2016	April 4, 2016	April 28, 2016	B
290	SUB-15-00009-GAZII-150-A	GAZII	A	Manhole Steps	Civil Material	February 7, 2016	February 7, 2016	February 28, 2016	C
291	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
292	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
293	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
294	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
295	SUB-15-00009-GAZII-155-A	GAZII	A	Method Statement for Internal Epoxy Coating (Nitocote EP405)	Method Statement	February 7, 2016	February 7, 2016	February 16, 2016	C
296	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
297	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
298	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
299	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
300	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
301	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
302	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
303	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
304	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
305	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

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306	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
307	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
308	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
309	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
310	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
311	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
312	SUB-15-00009-GAZII-165-B	GAZII	B	Chlorine Multifunctional Valve- (Disinfection Building)	Mechanical Material	April 28, 2016	April 28, 2016		Under Review
313	SUB-15-00009-GAZII-166-A	GAZII	A	Chemical Storage Tank - Alternative	Mechanical Material	February 9, 2016	February 9, 2016	February 10, 2016	Retracted
314	SUB-15-00009-GAZII-166-A	GAZII	A	Chemical Storage Tank - Alternative	Mechanical Material	February 14, 2016	February 14, 2016	February 23, 2016	C
315	SUB-15-00009-GAZII-167-A	GAZII	A	PAM Air Valves - Alternative	Mechanical Material	February 9, 2016	February 9, 2016	February 28, 2016	D
316	SUB-15-00009-GAZII-167-B	GAZII	B	PAM Air Valves - Alternative	Mechanical Material	March 3, 2016	March 3, 2016	March 8, 2016	E
317	SUB-15-00009-GAZII-168-A	GAZII	A	Galvanized Steel Roof Vent	Mechanical Material	February 9, 2016	February 9, 2016	February 17, 2016	D
318	SUB-15-00009-GAZII-168-B	GAZII	B	Galvanized Steel Roof Vent	Mechanical Material	March 24, 2016	March 24, 2016	April 10, 2016	C
319	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
320	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
321	SUB-15-00009-MAN-170-A	MAN	A	Float Control Valve (Maan)	Mechanical Material	February 11, 2016	February 11, 2016	February 17, 2016	C
322	SUB-15-00009-MAN-170-B	MAN	B	Float Control Valve (Maan)	Mechanical Material	February 24, 2016	February 24, 2016	March 21, 2016	C
323	SUB-15-00009-GAZII-171-A	GAZII	A	BILCO Access Hatches	Civil Material	February 14, 2016	February 14, 2016	March 3, 2016	C

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324	SUB-15-00009-GAZII-171-B	GAZII	B	BILCO Access Hatches	Civil Material	April 17, 2016	April 17, 2016	April 18, 2016	A
325	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
326	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
327	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
328	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
329	SUB-15-00009-GAZII-174-A	GAZII	A	Filter Fabric (Geotextile)	Civil Material & Sample	February 21, 2016	February 21, 2016	March 3, 2016	A
330	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
331	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
332	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
333	SUB-15-00009-GAZII-177-A	GAZII	A	Confined Space Safety Plan	Construction	February 22, 2016	February 22, 2016	March 3, 2016	A
334	SUB-15-00009-GAZII-178-A	GAZII	A	Steel Fence & Posts	Civil Material	February 23, 2016	February 23, 2016	March 13, 2016	C
335	SUB-15-00009-GAZII-178-B	GAZII	B	Steel Fence & Posts	Civil Material	March 21, 2016	March 20, 2016	March 23, 2016	A
336	SUB-15-00009-GAZII-179-A	GAZII	A	BOOSTER PUMP CONTROL VALVE	Mechanical Material	February 23, 2016	February 23, 2016	March 21, 2016	D
337	SUB-15-00009-GAZII-180-A	GAZII	A	Pressure Level Transmitters – Alternative	Mechanical Material	February 23, 2016	February 23, 2016	March 7, 2016	B
338	SUB-15-00009-GAZII-180-B	GAZII	B	Pressure Level Transmitters – Alternative	Mechanical Material	March 27, 2016	March 27, 2016	April 5, 2016	A
339	SUB-15-00009-GAZII-181-A	GAZII	A	Excavation & Trenching Safety Plan	Construction	February 24, 2016	February 24, 2016	March 1, 2016	A
340	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
341	SUB-15-00009-GAZII-183-A	GAZII	A	Pressure Switch- Mechanical	Mechanical Material	February 25, 2016	February 25, 2016	March 7, 2016	C

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342	SUB-15-00009-GAZII-183-B	GAZII	B	Pressure Switch- Mechanical	Mechanical Material	March 9, 2016	March 9, 2016	March 21, 2016	C
343	SUB-15-00009-GAZII-184-A	GAZII	A	Pad Transformer- 400KVA	Electrical Material	February 28, 2016	February 28, 2016	March 21, 2016	C
344	SUB-15-00009-GAZII-184-B	GAZII	B	Pad Transformer- 400KVA	Electrical Material	April 6, 2016	April 6, 2016		Under Review
345	SUB-15-00009-GAZII-185-A	GAZII	A	VFD Components -Schneider	Electrical Material	February 28, 2016	February 28, 2016	March 15, 2016	C
346	SUB-15-00009-GAZII-185-B	GAZII	B	VFD Components -Schneider	Electrical Material	March 28, 2016	March 28, 2016	April 21, 2016	C
347	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
348	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
349	SUB-15-00009-GAZII-187-A	GAZII	A	Pressure Reducing Valve	Mechanical Material	February 29, 2016	February 29, 2016	March 21, 2016	C
350	SUB-15-00009-GAZII-187-B	GAZII	B	Pressure Reducing Valve	Mechanical Material	April 24, 2016	April 24, 2016		Under Review
351	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
352	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
353	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
354	SUB-15-00009-GAZII-190-A	GAZII	A	Side Manway Material Submittal	Mechanical Material	March 1, 2016	March 1, 2016	March 8, 2016	A
355	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
356	SUB-15-00009-MAN-192-A	MAN	A	Maan Coordination study-Electrical	Electrical Material	March 1, 2016	March 1, 2016	March 21, 2016	C
357	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
358	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
359	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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360	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
361	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
362	SUB-15-00009-GAZII-196-A	GAZII	A	Seismic Cans	Civil Material	March 6, 2016	March 6, 2016	March 21, 2016	A
363	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
364	SUB-15-00009-GAZII-197-B	GAZII	B	Disinfection Building-Electrical Shop Drawing	Electrical Material	March 28, 2016	March 28, 2016	April 13, 2016	C
365	SUB-15-00009-GAZII-197-C	GAZII	C	Disinfection Building-Electrical Shop Drawing	Electrical Material	April 14, 2016	April 14, 2016	April 21, 2016	B
366	SUB-15-00009-GAZII-197-D	GAZII	D	Disinfection Building-Electrical Shop Drawing	Electrical Material	April 24, 2016	April 24, 2016		Under Review
367	SUB-15-00009-GAZII-198-A	GAZII	A	Steel Pipe	Mechanical Material	March 9, 2016	March 9, 2016	March 13, 2016	A
368	SUB-15-00009-GAZII-199-A	GAZII	A	Flange Insulation Kit (SGM)	Mechanical Material	March 9, 2016	March 9, 2016	March 13, 2016	E
369	SUB-15-00009-GAZII-200-A	GAZII	A	Link Seal	Mechanical Material	March 9, 2016	March 9, 2016	March 13, 2016	A
370	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
371	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
372	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
373	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
374	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
375	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
376	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
377	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

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378	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
379	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
380	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
381	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
382	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
383	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
384	SUB-15-00009-GAZII-207-A	GAZII	A	Gourd House Mechanical shop drawing	Shop drawing - Mechanical	March 17, 2016	March 17, 2016	April 3, 2016	C
385	SUB-15-00009-GAZII-207-B	GAZII	B	Gourd House Mechanical shop drawing	Shop drawing - Mechanical	April 12, 2016	April 12, 2016	April 19, 2016	C
386	SUB-15-00009-GAZII-207-C	GAZII	C	Gourd House Mechanical shop drawing	Shop drawing - Mechanical	April 28, 2016	April 28, 2016		Under Review
387	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
388	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
389	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
390	SUB-15-00009-BER-210-B	BER	B	Al Berkah vertical booster pump & motors - Alternative	Mechanical Material	April 28, 2016	April 28, 2016		Under Review
391	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
392	SUB-15-00009-MAN-211-B	MAN	B	Ma'an vertical booster pump & motors - Alternative	Mechanical Material	April 28, 2016	April 28, 2016		Under Review
393	SUB-15-00009-GAZII-212-A	GAZII	A	Cast iron drainage system	Mechanical Material	March 24, 2016	March 24, 2016	March 31, 2016	A
394	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
395	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

No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
396	SUB-15-00009-GAZII-213-C	GAZII	C	VFD for Booster Pump - Electrical shop drawing	Shop drawing - Electrical	April 25, 2016	April 25, 2016		Under Review
397	SUB-15-00009-GAZII-214-A	GAZII	A	PLC System - Electrical	Electrical Material	March 29, 2016	March 29, 2016	April 21, 2016	C
398	SUB-15-00009-GAZII-214-B	GAZII	B	PLC System - Electrical	Electrical Material	April 28, 2016	April 28, 2016		Under Review
399	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
400	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
401	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
402	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
403	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
404	SUB-15-00009-GAZII-219-A	GAZII	A	UPS System -Components	Electrical Material	April 3, 2016	April 3, 2016	April 21, 2016	C
405	SUB-15-00009-GAZII-220-A	GAZII	A	PVC Pipe (20") –Alternative	Mechanical Material	April 3, 2016	April 3, 2016	April 7, 2016	A
406	SUB-15-00009-GAZII-221-A	GAZII	A	Retaining Wall Formwork Design	Construction	April 3, 2016	April 3, 2016	April 7, 2016	E
407	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
408	SUB-15-00009-GAZII-223-A	GAZII	A	Submittals Log Up to Date April 6, 2016	Construction	April 6, 2016	April 6, 2016	April 20, 2016	Retracted
409	SUB-15-00009-GAZII-224-A	GAZII	A	Dosing Pump	Mechanical Material	April 6, 2016	April 6, 2016	April 19, 2016	C
410	SUB-15-00009-GAZII-224-B	GAZII	B	Dosing Pump	Mechanical Material	April 24, 2016	April 24, 2016	April 28, 2016	A
411	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
412	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
413	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
414	SUB-15-00009-GAZII-226-B	GAZII	B	Bolts, Washers and Nuts for Chambers	Mechanical Material	April 24, 2016	April 24, 2016		Under Review

No.	Submittal Number	Project	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
415	SUB-15-00009-GAZII-227-A	GAZII	A	Reservoir Scaffolding Calculation Sheet	Construction	April 12, 2016	April 12, 2016	April 21, 2016	C
416	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
417	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
418	SUB-15-00009-GAZII-229-A	GAZII	A	VFD SIEMENS -Alternative	Electrical Material	April 20, 2016	April 20, 2016		Under Review
419	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		Under Review
420	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		Under Review
421	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		Under Review
422	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		Under Review
423	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		Under Review
424	SUB-15-00009-GAZII-235-A	GAZII	A	Warning tape water pipeline	Civil Material & Sample	April 27, 2016	April 27, 2016		Under Review
425	SUB-15-00009-BER-236-A	BER	A	Al Berkah pipeline Shop Drawing	Shop drawing - Civil	April 27, 2016	April 27, 2016		Under Review
426	SUB-15-00009-GAZII-237-A	GAZII	A	Strainer - Alternative	Mechanical Material	April 28, 2016	April 28, 2016		Under Review

# **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	Test	February 25, 2016	February 25, 2016	March 7, 2016	C	Failed	Remove from Site
3	TEST-15-00009-BER-002-A	A	Steel Rebar's Test Reports (Φ16 & Φ20)	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)	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	Test	March 10, 2016	March 10, 2016	March 16, 2016	C	with comment	Waiting Lab Recommendation
6	TEST-15-00009-GAZII-004-B	B	Concrete Ready-Mix Design 28-Days Concrete Compressive Strength Test Reports	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	Test	March 15, 2016	March 15, 2016	March 22, 2016	C	with comment	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	Test	March 29, 2016	March 29, 2016	April 18, 2016	A		
2	TEST-15-00009-BER-006-A	A	Base Coarse Test Report Enbi Ha Negev Ha Ma'arb Ltd. Company – Trial 2	Test	March 17, 2016	March 17, 2016	March 21, 2016	C	Failed	Retest
9	TEST-15-00009-BER-006-B	B	Base Coarse Test Report Enbi Ha Negev Ha Ma'arb Ltd. Company – Trial 2	Test	March 29, 2016	March 29, 2016	April 18, 2016	A		
10	TEST-15-00009-MAN-007-A	A	Soil classification report under reservoir formation	Soil Classification	March 30, 2016	March 30, 2016	April 4, 2016	C	Failed	Modification Report
11	TEST-15-00009-MAN-007-B	B	Soil classification report under reservoir formation	Soil Classification	April 4, 2016	April 4, 2016	April 26, 2016	A		
12	TEST-15-00009-BER-008-A	A	Compaction Test- Subgrade under RW (8-9)	Compaction Test	April 3, 2016	April 3, 2016	April 21, 2016	A		
13	TEST-15-00009-BER-009-A	A	Backfilling Material	Test	April 3, 2016	April 3, 2016	April 26, 2016	A		
14	TEST-15-00009-MAN-010-A	A	Lab Recommendation for Existing Percolation Pit – Ma'an	Test	April 3, 2016	April 3, 2016		Retracted		
15	TEST-15-00009-GAZII-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
16	TEST-15-00009-BER-012-A	A	Soil Classification Report for Al Berkah Site	Soil Classification	April 14, 2016	April 14, 2016		Under Review		
17	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		



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)
18	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
19	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		
20	TEST-15-00009-BER-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
21	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		

# **Annex I - Request for Information 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



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

**REQUEST FOR INFORMATION LOG**

No.	RFI No.	Project	REF.	Description	Submitted Date	Contract Due Date	Response Date	Review Days	Response
12	RFI-15-00009-GAZII.C-E.012	GAZII	Supplemental Specification Section 11910 para 2-2-2.c	Generator Set Displacement	March 3, 2016	April 2, 2016	March 6, 2016	3	Retraced
13	RFI-15-00009-GAZII.C-E.012	GAZII	Supplemental Specification Section 11910 para 2-2-2.c	Generator Set Displacement	March 6, 2016	April 5, 2016	March 7, 2016	1	Accepted
14	RFI-15-00009-GAZII.C-E.013	GAZII	Standard Specifications Section 13562 Paragraph 2-2.02.01 & 2-2.02.02	Flowmeters construction material	March 29, 2016	April 28, 2016	April 11, 2016	13	Contractor to provide as specified
15	RFI-15-00009-GAZII.C-E.014	GAZII	Standard Specifications: Section 16721, Drawings: E-511, E-501, E-DIS1, E-GH02	Fire Alarm System	April 3, 2016	May 3, 2016	April 12, 2016	9	Contractor to provide fire alarm system at the guard house, disinfection building and electrical and control building
16	RFI-15-00009-MAN-C-E-015	MAN	Ma'an design drawings (G-106) Ma'an design drawings (C-217)	Connection between Ma'an reservoirs 1 & 2	April 12, 2016	May 12, 2016			under review
17	RFI-15-00009-GAZII.C-E.016	GAZII	Program Standard Design drawings (C-DT 21) Program Standard Design drawings (C-DT 22)	Removal of Filter Fabric in Trenches Backfill	April 12, 2016	May 12, 2016	April 18, 2016	6	Not Accepted
18	RFI-15-00009-MAN-C-E-017	MAN	Drawing C-212 & C-216 Ma'an Conformed Document	Removal of existing tree.	April 18, 2016	May 18, 2016	April 25, 2016	7	Response
19	RFI-15-00009-MAN-C-E-018	MAN	Drawing C-216 Ma'an Conformed Document	Fence for the western side of Ma'an Site.	April 18, 2016	May 18, 2016	April 28, 2016	10	Response
20	RFI-15-00009-GAZII.C-E.019	GAZII	Supplementary Specification Section 11910 para 2-4.03	Generators Fuel Tank	April 24, 2016	May 24, 2016	April 27, 2016	3	Not Accepted

## **Annex J – Safety Flyers**



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



## Heat stress

1. Heat stress is a normal physical condition which is caused by any physical exertion. However, when directly exposed to sunrays, temperatures can exceed 50 °C (120 °F), which may lead to other adverse health effects.
2. Heat exhaustion can occur if an employee becomes too hot, expends too much energy, and does not drink enough water. Heat exhaustion is generally not dangerous and the symptoms are:
  - 2.1. Profuse Sweating.
  - 2.2. Nausea.
  - 2.3. Dizziness
  - 2.4. Muscle cramps, generally in the legs& abdomen.
3. First Aid for heat exhaustion is:
  - 3.1. Help the employee to lay down in the shade or air conditioned area.
  - 3.2. Give water in small amounts every 2 to 3 minutes until the employee recovers.
  - 3.3. Call for assistance from the Clinic.
  - 3.4. **DO NOT** give salt or ice.
  - 3.5. Apply cool water to the back of the neck and wrist.
4. Heat stroke is very rare but is potentially life threatening. Heat stroke may occur after heat exhaustion has set in and has the following symptoms.
  - 4.1. The sufferer stops sweating but is very hot to the touch.
  - 4.2. The person will be disoriented or may become unconscious.
  - 4.3. The person generally will suffer condition of heat exhaustion prior to heat stroke effects.
5. First Aid for heat stroke is:
  - 5.1. Call for medical assistance immediately.
  - 5.2. Move the sufferer into shade or air-conditioned area.
  - 5.3. Pack ice, if available, around the sufferers wrists, under the arms, and groin area. Use water if ice is not available.
  - 5.4. If sufferer is conscious give small amounts of water to drink every 2 to 3 minutes.
  - 5.5. Remove clothing from chest to torso.
  - 5.6. Do not allow stroke sufferer to swallow ice and **DO NOT** give salt.
6. Keep the sufferer calm and wait for medical assistance to arrive.



# The adventures of Captain No Zone



## No Heat Stress = Safe Summer!

Two workers were spotted erecting scaffolding under the heat of the sun without enough available drinking water and not taking frequent breaks ...



1

No Zone observed that the health condition of the two workers was already out of the comfort zone...

"Tsk, tsk, This is not good! I have to remind them before it's too late..."



2

CNZ comes to the rescue and advises the workers to take breaks in the shade and drink plenty of water to avoid heat stress...

"huh! Captain"

"Stop your activity guys, before you suffer a heatstroke and collapse!"



3

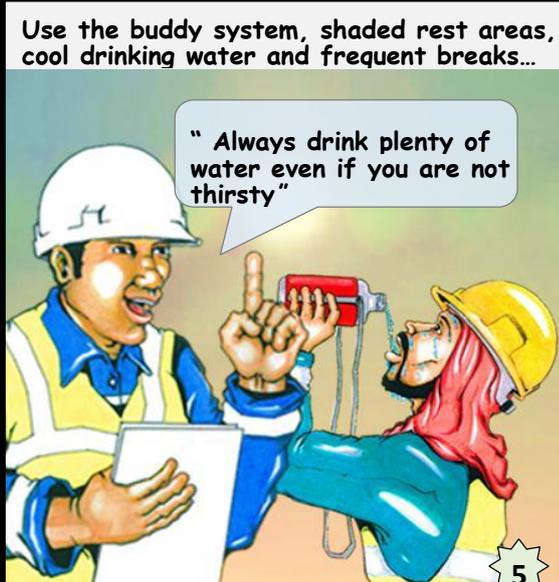
CNZ also emphasized the importance of work shift timing and proper heat index monitoring by conducting a toolbox talk with the group...

"Thanks man, I'm already a little dizzy because of this intense heat..."



4

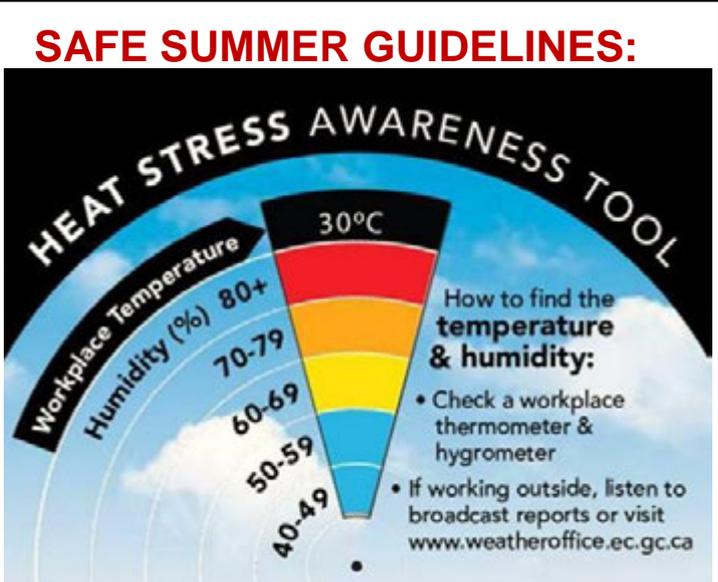
Use the buddy system, shaded rest areas, cool drinking water and frequent breaks...



" Always drink plenty of water even if you are not thirsty"

5

### SAFE SUMMER GUIDELINES:



**HEAT STRESS AWARENESS TOOL**

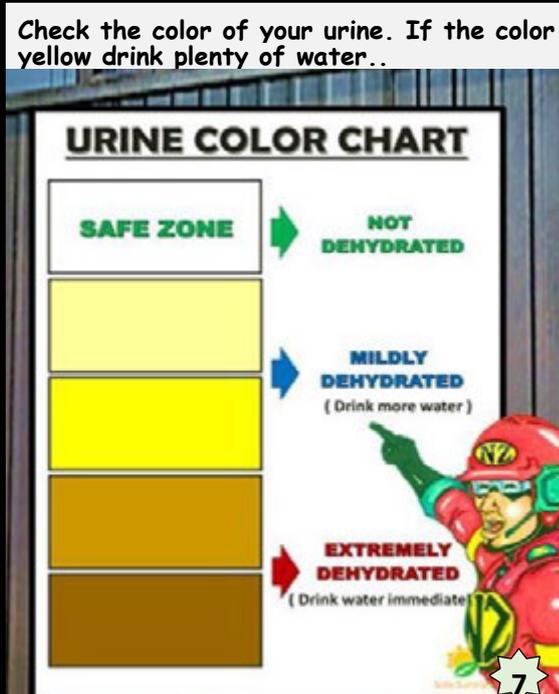
Workplace Temperature  
Humidity (%) 80+  
70-79  
60-69  
50-59  
40-49

30°C

How to find the temperature & humidity:

- Check a workplace thermometer & hygrometer
- If working outside, listen to broadcast reports or visit [www.weatheroffice.ec.gc.ca](http://www.weatheroffice.ec.gc.ca)

Check the color of your urine. If the color is yellow drink plenty of water...



**URINE COLOR CHART**

SAFE ZONE → NOT DEHYDRATED

MILDLY DEHYDRATED (Drink more water)

EXTREMELY DEHYDRATED (Drink water immediately)

7

### HEAT STRESS ACTION CHART:

Conditions/actions listed below apply to **unacclimatized workers**. Never ignore symptoms. Refer to *Heat Stress Awareness Guide* for extra clothing and/or radiant heat conditions.

HUMIDEX	ACTION RECOMMENDED
LOW 30-37	<ul style="list-style-type: none"> <li>• Post heat stress alerts</li> <li>• Drink water</li> </ul>
MEDIUM 38-39	<ul style="list-style-type: none"> <li>• Reduce physical activity (e.g., slower pace, more breaks)</li> <li>• Drink a cup of water every 20-30 minutes</li> </ul>
MODERATE 40-41	<ul style="list-style-type: none"> <li>• Further reduce physical activity</li> <li>• Drink a cup of water every 15-20 minutes</li> </ul>
HIGH 42-44	<ul style="list-style-type: none"> <li>• Severely curtail physical activity</li> <li>• Ensure sufficient rest/recovery time</li> <li>• Drink a cup of water every 10-15 minutes</li> </ul>
EXTREME 45+	<ul style="list-style-type: none"> <li>• Hazardous to continue physical activity</li> </ul>

6

**Captain No Zone Says:**



"Whatever You Do, Always Take Water With You.  
"If You're Not Drinking, You're Not Thinking!"

Don't miss the upcoming adventures of Captain No Zone

## **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 April 1, 2016 To April 30, 2016

Contractor :The Morganti Group, Inc.  
Sub-Contractor : Saqqa & Khoudary Co. Ltd.

DATE	Site Staff Job Days **																											
	Worker/Classification (Hours)																			Man-days*					Gender			
	Management				Engineers								Skilled labor			Unskilled labor		Other				Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female
	Task Order Manager	Construction Manager	Quality Control Manager	Safety & Environmental Compliance Officer	Project Engineer	Site Engineer	Project Control Engineer	Electrical Engineer	Mechanical Engineer	Office Engineer	Office Engineer (F)	Foreman	Skilled Labor	Equipment Operator	Flagman	Unskilled Labor	Surveyor	Car Driver	Office Boy	Guard								
April 1, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0.0	0.0	0.0	0.0	3.0	3.0	0.0	
April 2, 2016	4	5	4	4	0	10	4	4	4	4	9	0	0	0	0	10	9	5	20	36	2.1	4.4	0.0	1.3	8.8	15.4	1.1	
April 3, 2016	4	5	4	4	10	10	4	4	4	4	9	0	0	0	0	10	9	5	20	36	2.1	5.6	0.0	1.3	8.8	16.6	1.1	
April 4, 2016	4	5	4	4	10	10	4	4	4	4	9	0	0	0	0	20	9	5	20	36	2.1	5.6	0.0	2.5	8.8	17.9	1.1	
April 5, 2016	4	5	4	4	10	10	4	4	4	4	9	0	0	0	0	20	9	5	20	36	2.1	5.6	0.0	2.5	8.8	17.9	1.1	
April 6, 2016	4	5	4	4	10	10	4	4	4	4	9	0	0	10	0	10	9	5	20	36	2.1	5.6	1.3	1.3	8.8	17.9	1.1	
April 7, 2016	4	5	4	4	10	10	4	4	4	4	9	0	10	0	0	0	9	5	20	36	2.1	5.6	1.3	0.0	8.8	16.6	1.1	
April 8, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0.0	0.0	0.0	0.0	3.0	3.0	0.0	
April 9, 2016	4	5	4	4	10	10	4	4	4	4	9	0	10	0	0	0	9	5	20	36	2.1	5.6	1.3	0.0	8.8	16.6	1.1	
April 10, 2016	4	5	4	4	10	10	4	4	4	4	9	0	10	0	0	10	9	5	20	36	2.1	5.6	1.3	1.3	8.8	17.9	1.1	
April 11, 2016	4	5	4	4	10	10	4	4	4	4	9	0	10	5	0	0	9	5	20	36	2.1	5.6	1.9	0.0	8.8	17.3	1.1	
April 12, 2016	4	5	4	4	10	10	4	4	4	4	9	0	10	10	0	0	9	5	20	36	2.1	5.6	2.5	0.0	8.8	17.9	1.1	
April 13, 2016	4	5	4	4	10	10	4	4	4	4	9	0	20	0	0	10	9	5	20	36	2.1	5.6	2.5	1.3	8.8	19.1	1.1	
April 14, 2016	4	5	4	4	10	10	4	4	4	4	9	0	20	0	0	10	9	5	20	36	2.1	5.6	2.5	1.3	8.8	19.1	1.1	
April 15, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0.0	0.0	0.0	0.0	3.0	3.0	0.0	
April 16, 2016	4	5	4	4	10	10	4	4	4	4	9	0	20	10	0	20	9	5	20	36	2.1	5.6	3.8	2.5	8.8	21.6	1.1	
April 17, 2016	4	5	4	4	10	10	4	4	4	4	9	0	30	12	0	20	9	5	20	36	2.1	5.6	5.3	2.5	8.8	23.1	1.1	
April 18, 2016	4	5	4	4	10	10	4	4	4	4	9	0	20	0	0	20	9	5	20	36	2.1	5.6	2.5	2.5	8.8	20.4	1.1	
April 19, 2016	4	5	4	4	10	10	4	4	4	4	9	0	20	7	0	20	9	5	20	36	2.1	5.6	3.4	2.5	8.8	21.3	1.1	
April 20, 2016	4	5	4	4	10	10	4	4	4	4	9	0	20	4	0	20	9	5	20	36	2.1	5.6	3.0	2.5	8.8	20.9	1.1	
April 21, 2016	4	5	4	4	10	10	4	4	4	4	9	0	20	0	0	20	9	5	20	36	2.1	5.6	2.5	2.5	8.8	20.4	1.1	
April 22, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0.0	0.0	0.0	0.0	3.0	3.0	0.0	
April 23, 2016	4	5	4	4	10	10	4	4	4	4	9	0	10	0	0	10	9	5	20	36	2.1	5.6	1.3	1.3	8.8	17.9	1.1	
April 24, 2016	4	5	4	4	10	10	4	4	4	4	9	0	30	0	0	20	9	5	20	36	2.1	5.6	3.8	2.5	8.8	21.6	1.1	
April 25, 2016	4	5	4	4	10	10	4	4	4	4	9	0	20	6	0	40	9	5	20	36	2.1	5.6	3.3	5.0	8.8	23.6	1.1	
April 26, 2016	4	5	4	4	10	10	4	4	4	4	9	0	110	0	0	30	9	5	20	36	2.1	5.6	13.8	3.8	8.8	32.9	1.1	
April 27, 2016	4	5	4	4	10	10	4	4	4	4	9	0	140	3	0	30	9	5	20	36	2.1	5.6	17.9	3.8	8.8	37.0	1.1	
April 28, 2016	4	5	4	4	10	10	4	4	4	4	9	0	140	7	0	30	9	5	20	36	2.1	5.6	18.4	3.8	8.8	37.5	1.1	
April 29, 2016	5	10	0	6	0	10	0	0	0	0	0	0	40	5	0	10	0	0	0	24	2.6	1.3	5.6	1.3	3.0	13.8	0.0	
April 30, 2016	4	5	4	4	10	10	4	4	4	4	9	0	40	3	0	50	9	5	20	36	2.1	5.6	5.4	6.3	8.8	27.0	1.1	
<b>Total of Month</b>	<b>105.0</b>	<b>135.0</b>	<b>100.0</b>	<b>106.0</b>	<b>240.0</b>	<b>260.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>225.0</b>	<b>0.0</b>	<b>750.0</b>	<b>82.0</b>	<b>0.0</b>	<b>440.0</b>	<b>225.0</b>	<b>125.0</b>	<b>500.0</b>	<b>1020.0</b>	<b>55.8</b>	<b>140.6</b>	<b>##</b>	<b>55.0</b>	<b>233.8</b>	<b>561.0</b>	<b>28.1</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 April 1, 2016 To #REF!

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	Safety Helper	Surveyor	Car Driver	Office Boy	Guard							
April 1, 2016	0	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
April 2, 2016	4	5	4	4	10	4	4	4	4	9	0	0	0	0	0	9	5	10	24	2.1	4.4	0.0	0.0	6.0	11.4	1.1	
April 3, 2016	4	5	4	4	10	4	4	4	4	9	0	10	0	0	10	0	9	5	10	24	2.1	4.4	1.3	1.3	6.0	13.9	1.1
April 4, 2016	4	5	4	4	10	4	4	4	4	9	0	10	0	0	10	0	9	5	10	24	2.1	4.4	1.3	1.3	6	13.9	1.1
April 5, 2016	4	5	4	4	10	4	4	4	4	9	0	10	0	0	10	0	9	5	10	24	2.1	4.4	1.3	1.3	6.0	13.9	1.1
April 6, 2016	4	5	4	4	10	4	4	4	4	9	0	20	0	0	30	0	9	5	10	24	2.1	4.4	2.5	3.8	6.0	17.6	1.1
April 7, 2016	4	5	4	4	10	4	4	4	4	9	0	20	3	0	30	0	9	5	10	24	2.1	4.4	2.9	3.8	6.0	18.0	1.1
April 8, 2016	0	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
April 9, 2016	4	5	4	4	10	4	4	4	4	9	0	10	2	0	30	0	9	5	10	24	2.1	4.4	1.5	3.8	6.0	16.6	1.1
April 10, 2016	4	5	4	4	10	4	4	4	4	9	0	0	0	0	10	10	9	5	10	24	2.1	4.4	0.0	1.3	7.3	13.9	1.1
April 11, 2016	4	5	4	4	10	4	4	4	4	9	0	40	11	0	40	10	9	5	10	24	2.1	4.4	6.4	5.0	7.25	24.0	1.1
April 12, 2016	4	5	4	4	10	4	4	4	4	9	0	20	2	0	10	10	9	5	10	24	2.1	4.4	2.8	1.3	7.3	16.6	1.1
April 13, 2016	4	5	4	4	10	4	4	4	4	9	0	20	0	0	10	10	9	5	10	24	2.1	4.4	2.5	1.3	7.3	16.4	1.1
April 14, 2016	4	5	4	4	10	4	4	4	4	9	0	10	0	0	10	0	9	5	10	24	2.1	4.4	1.3	1.3	6.0	13.9	1.1
April 15, 2016	0	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
April 16, 2016	4	5	4	4	10	4	4	4	4	9	0	0	0	0	0	0	9	5	10	24	2.1	4.4	0.0	0.0	6.0	11.4	1.1
April 17, 2016	4	5	4	4	10	4	4	4	4	9	0	0	0	0	0	0	9	5	10	24	2.1	4.4	0.0	0.0	6.0	11.4	1.1
April 18, 2016	4	5	4	4	10	4	4	4	4	9	0	0	0	0	20	0	9	5	10	24	2.1	4.4	0.0	2.5	6	13.9	1.1
April 19, 2016	4	5	4	4	10	4	4	4	4	9	0	0	0	0	0	0	9	5	10	24	2.1	4.4	0.0	0.0	6.0	11.4	1.1
April 20, 2016	4	5	4	4	10	4	4	4	4	9	0	0	0	0	0	0	9	5	10	24	2.1	4.4	0.0	0.0	6.0	11.4	1.1
April 21, 2016	4	5	4	4	10	4	4	4	4	9	0	0	0	0	0	0	9	5	10	24	2.1	4.4	0.0	0.0	6.0	11.4	1.1
April 22, 2016	0	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
April 23, 2016	4	5	4	4	10	4	4	4	4	9	0	0	0	0	0	0	9	5	10	24	2.1	4.4	0.0	0.0	6.0	11.4	1.1
April 24, 2016	4	5	4	4	10	4	4	4	4	9	0	0	0	0	0	0	9	5	10	24	2.1	4.4	0.0	0.0	6.0	11.4	1.1
April 25, 2016	4	5	4	4	10	4	4	4	4	9	0	20	9	0	40	0	9	5	10	24	2.1	4.4	3.6	5.0	6	20.0	1.1
April 26, 2016	4	5	4	4	10	4	4	4	4	9	0	0	0	0	20	0	9	5	10	24	2.1	4.4	0.0	2.5	6.0	13.9	1.1
April 27, 2016	4	5	4	4	10	4	4	4	4	9	0	0	4	0	20	0	9	5	10	24	2.1	4.4	0.5	2.5	6.0	14.4	1.1
April 28, 2016	4	5	4	4	10	4	4	4	4	9	0	0	0	0	20	0	9	5	10	24	2.1	4.4	0.0	2.5	6.0	13.9	1.1
April 29, 2016	0	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
April 30, 2016	4	5	4	4	10	4	4	4	4	9	0	0	0	0	10	0	9	5	10	24	2.1	4.4	0.0	1.3	6.0	12.6	1.1
<b>Total of Month</b>	<b>100.0</b>	<b>125.0</b>	<b>100.0</b>	<b>100.0</b>	<b>250.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>225.0</b>	<b>0.0</b>	<b>190.0</b>	<b>31.0</b>	<b>0.0</b>	<b>330.0</b>	<b>40.0</b>	<b>225.0</b>	<b>125.0</b>	<b>250.0</b>	<b>660.0</b>	<b>53.1</b>	<b>109.4</b>	<b>27.6</b>	<b>41.3</b>	<b>162.5</b>	<b>365.8</b>	<b>28.1</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: February 29, 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
June	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
July	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
August	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
September	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Sub-Total of FY 2016		252.3	798.1	286.4	281.1	965.4	2583.3	108.5	2438.4	144.9	
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		252.3	798.1	286.4	281.1	965.4	2583.3	108.5	2438.4	144.9	

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: February 29, 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
June	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
July	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
August	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
September	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Sub-Total of FY 2016		250.9	766.8	155.9	256.1	716.1	2145.8	90.2	2000.9	144.9	
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		250.9	766.8	155.9	256.1	716.1	2145.8	90.2	2000.9	144.9	

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

<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?

		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

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