

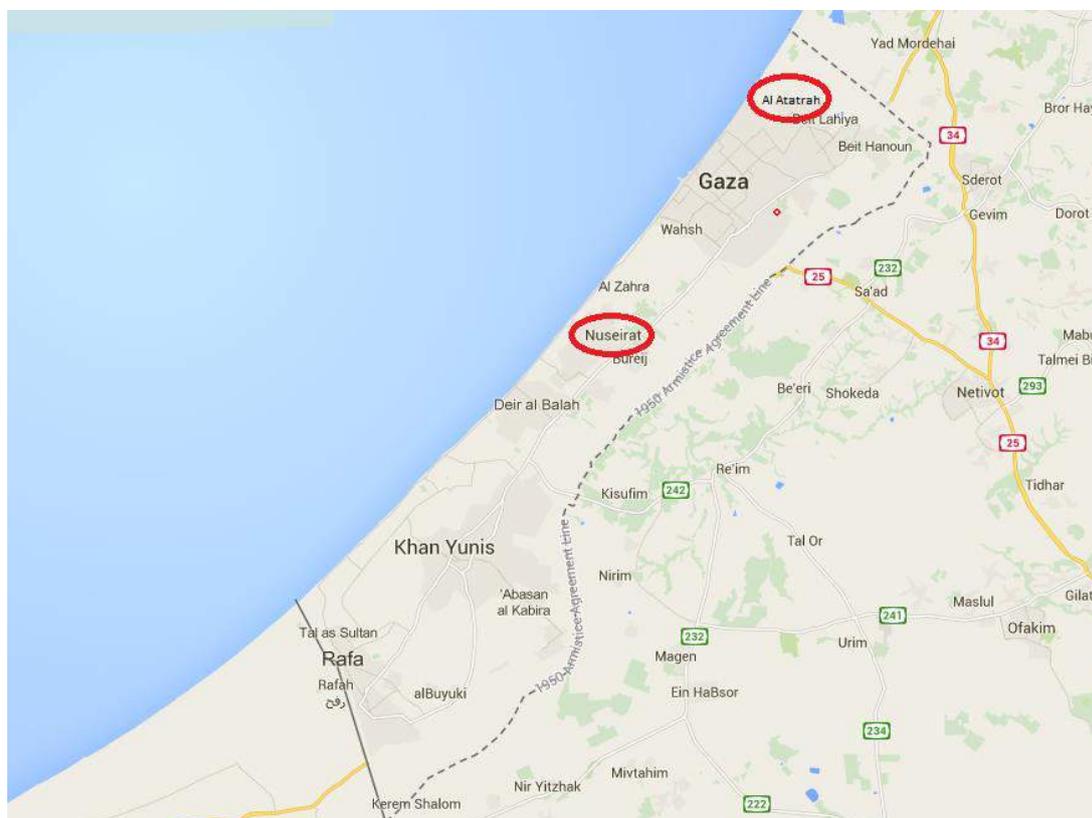


**USAID**  
FROM THE AMERICAN PEOPLE

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

Task Order No.: AID-294-TO-15-00008

Gaza-Construction of Reservoirs and Pumping Facilities Package I  
**MONTHLY PROGRESS REPORT**



Prepared by: The Morganti Group, Inc.

March, 2016



## Construction Monthly Progress Report

**Contract No.: AID-294-I-00-12-00002**  
**Task Order No.: AID-294-TO-15-00008**  
**Gaza - Construction of Reservoirs and Pumping Facilities Package I**

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

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

### **DISCLAIMER**

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Abbreviation

ACOTR	Alternate Contracting Officer Technical Representative
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
HR	High Risk
HSE	Health & 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	Occupational Safety and Health Act (both Federal and State)
PA	Palestinian Authority
PCO	Project Control Officer
PIO	Public Information Officer
PM	Project Manager
PSU	Program Support Unit
PWA	Palestinian Water Authority
QA	Quality Assurance
QC	Quality Control
RE	Resident Engineers
RFI	Request for Information
RFTOP	Request for Task Order Proposal
SAK	Saqqa and Khoudary
SC	Sup-Contractor
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
VO	Variation Order
VOR	Variation Order Request
WBG	West Bank Gaza
WBWD	West Bank Water Department

## 1. Task Order Overview

### 1.1. 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 is Al Atatrah area located north of the Gaza Strip, the project at Al Atatrah area includes the construction of a 3800m<sup>3</sup> ground reservoir that will be constructed in place of Al Atatrah abandoned elevated water tank “deteriorated to be demolished”, and also includes the supply and installation of a Skid Mounted Booster Pump Station and the supply and installation of a new Booster Pump Station connected to a new UPVC distribution network with an approximate total length of 6.3 KLM varying in diameter. The second area is Nuseirat, located in the heart of the Gaza Strip, the Nuseirat 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 5.2 KLM varying in diameter.

### 1.2. Task Order Information

<b>Project Name:</b>	Gaza - Construction of Reservoirs and Pumping Facilities Package I
<b>Indefinite Quantity Contract No</b>	AID-294-I-00-12-00002
<b>Task Order No</b>	AID-294-TO-15-00008
<b>Award Date</b>	September 21, 2015
<b>NTP Date</b>	October 26, 2015
<b>Contract Value</b>	USD 10,275,276.16
<b>BOQ Line Item Amount</b>	USD 9,527,437.56
<b>Day Work Amount</b>	USD 747,838.60
<b>Start Date of Construction Activity</b>	January 21, 2016
<b>Contractual Period of Performance:</b>	610 Calendar Days
<b>Contractual End Date:</b>	June 26, 2017
<b>Project Location (Area and governorate)</b>	The project is located in Gaza Strip (Al Atatrah & Nuseirat).

### 1.3. Task Order Key Personnel:

No.	Name	Position
1	Samir Arafat	Task Order Manager
2	Husam Melhem	Quality Control Manager
3	Salim Abu Rafea'	Safety and Environmental Compliance Officer
4	Tareq Al Sayegh	Project Control Engineer
5	Nabeel Abo Moussa	Surveyor

## 2. Scope of Work:

### 2.1. Project 1: Construction of Al Atatrah Reservoir and Pumping Facilities

#### 2.1.1. Project General Information

<b>Project Name:</b>	Al Atatrah Reservoir and Pumping Facilities
<b>Indefinite Quantity Contract No</b>	AID-294-I-00-12-00002
<b>Task Order No</b>	AID-294-TO-15-00008
<b>Award Date</b>	September 21, 2015
<b>NTP Date</b>	October 26, 2015
<b>Contract Value</b>	USD 4,698,583.73
<b>Modified Contract Value</b>	-
<b>Start Date of Construction Activity</b>	January 21, 2016
<b>Contractual Period of Performance:</b>	610 Calendar Days
<b>Modified Period of Performance</b>	-
<b>Contractual End Date:</b>	June 26, 2017
<b>Project Location (Area and governorate)</b>	Bait Lahia - North Governorate.

#### 2.1.2. Vantage photo:



### 2.1.3. Project Key Map



**Al Atatrah Reservoir and Pumping Facilities**

### 2.1.4. Pro-

#### ject Description

This project includes constructing a new water reservoir and booster pump station along with supply and distribution piping. Project elements consist of the following:

#### 2.1.5. Statement of Work (SOW)

The project consists of the following constructions

##### A. Construction of Facilities

1. Al Atatrah Reservoir– Construct new 3,800 m<sup>3</sup>
2. Al Atatrah Booster Pump Station – Construct new.
3. Al Atatrah Skid Mounted Booster Pump Station – Furnish & Install new.

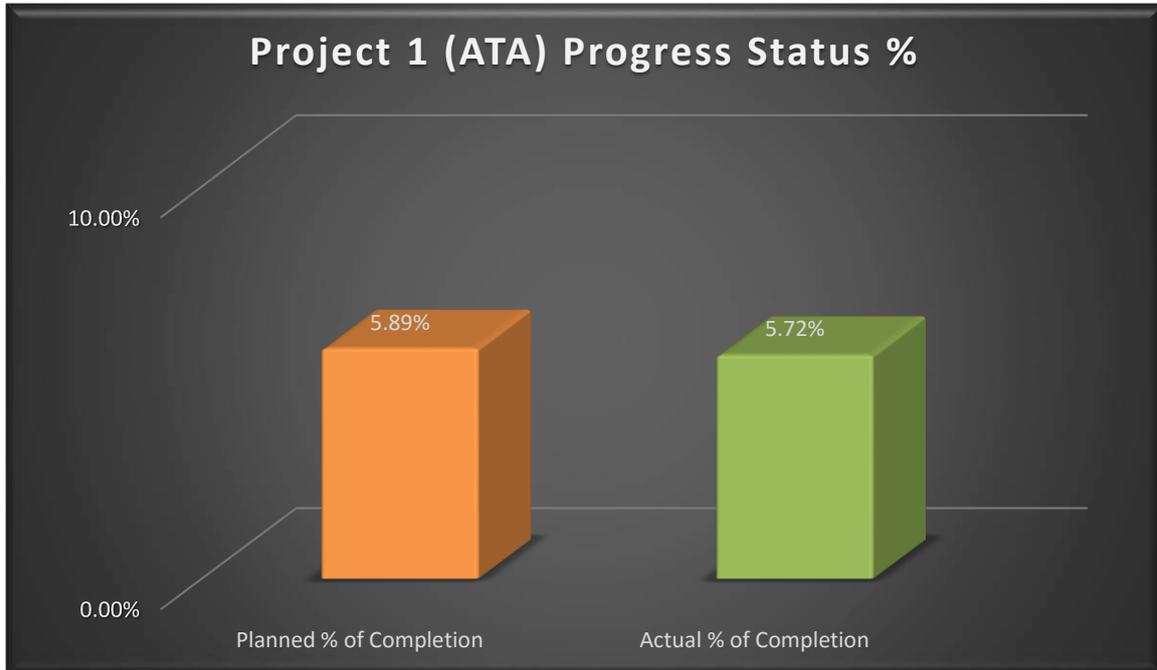
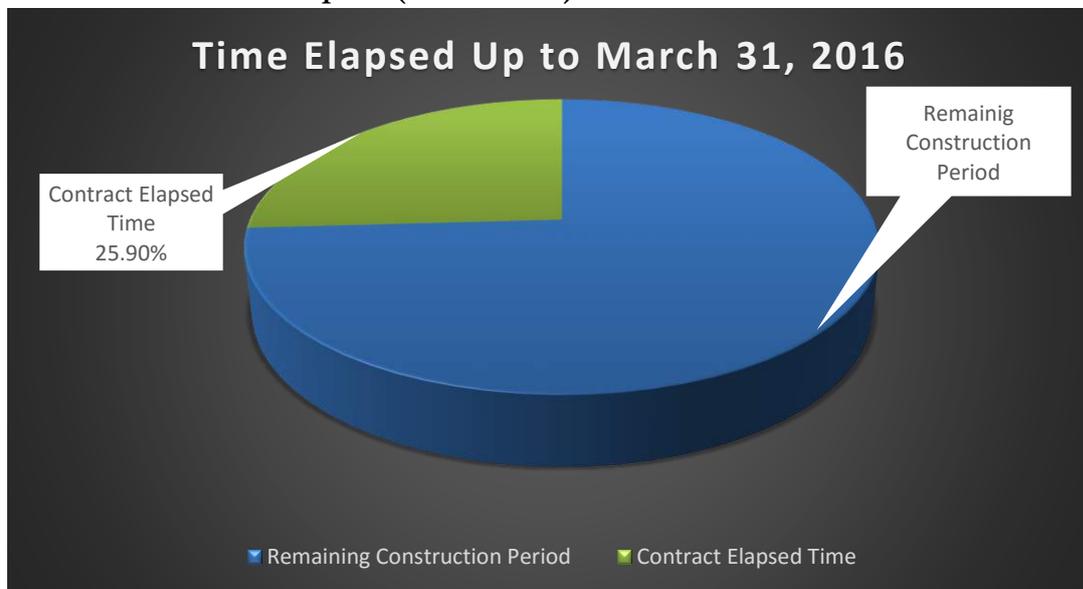
##### B. Construction of New Supply & Distribution Pipelines

1. Supply Line 1 (280 mm x 0.63 km and 160 mm x 1.34 km)
2. Supply Line 2 (225 mm x 1.61 km)
3. Supply Line 3 (280 mm x 0.97 km)
4. Distribution Line 1 (355 mm x 0.07 km and 225 mm x 0.76 km)
5. Distribution Line 2 (315 mm x 0.93 km)

**2.1.6. Project Dashboard Status**

Contract Elapsed Time as of March 31, 2016 [%]	25.90%
Planned Percentage of Completion through March 31, 2016 [%]	5.89%
Actual Percentage of Completion through March 31, 2016 [%]	5.72%
Float (Days)	On schedule

\*Actual and planned percentages of work progress based on the submitted original CPM Schedule.

**2.1.6.1. Progress Chart (March-2016)**

**2.1.6.2. Time Elapsed (March-2016)**


## 2.2. Project 2: Construction of Nuseirat Reservoir and Pumping Facilities

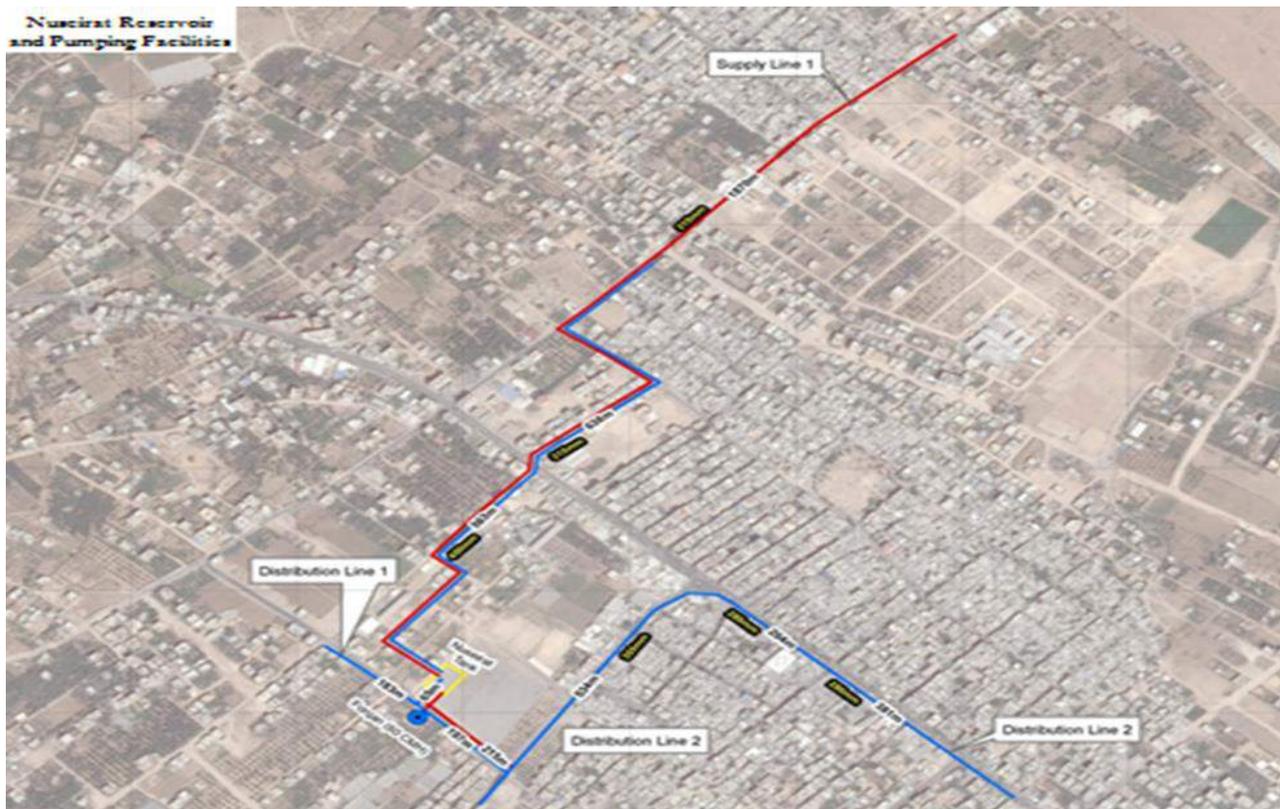
### 2.2.1. Project 2 General Information

<b>Project Name:</b>	Nuseirat Reservoir and Pumping Facilities
<b>Indefinite Quantity Contract No</b>	AID-294-I-00-12-00002
<b>Task Order No</b>	AID-294-TO-15-00008
<b>Award Date</b>	September 21, 2015
<b>NTP Date</b>	October 26, 2015
<b>Contract Value</b>	USD 4,828,853.83
<b>Modified Contract Value</b>	-
<b>Start Date of Construction Activity</b>	January 21, 2016
<b>Contractual Period of Performance:</b>	610 Calendar Days
<b>Modified Period of Performance</b>	-
<b>Contractual End Date:</b>	June 26, 2017
<b>Project Location (Area and governorate)</b>	Nuseirat - Middle Governorate.

### 2.2.2. Vantage photo:



### 2.2.3. Project 2 Key Map



### Nuseirat Reservoir and Pumping Facilities

#### 2.2.4. Project Description

This project includes constructing a new water reservoir and booster pump station along with supply and distribution piping. Project elements consist of the following:

#### 2.2.5. Statement of Work (SOW)

##### A. Construction of Facilities

1. Nuseirat Reservoir – Construct new 3,800 m<sup>3</sup>
2. Nuseirat Booster Pump Station – Construct new.

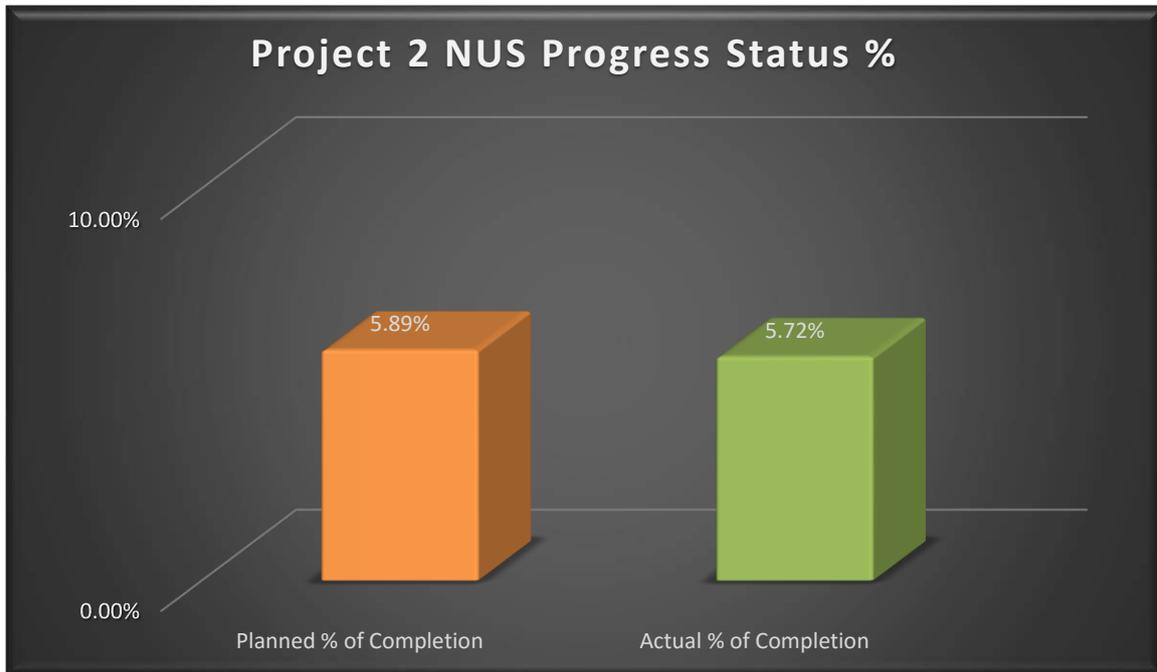
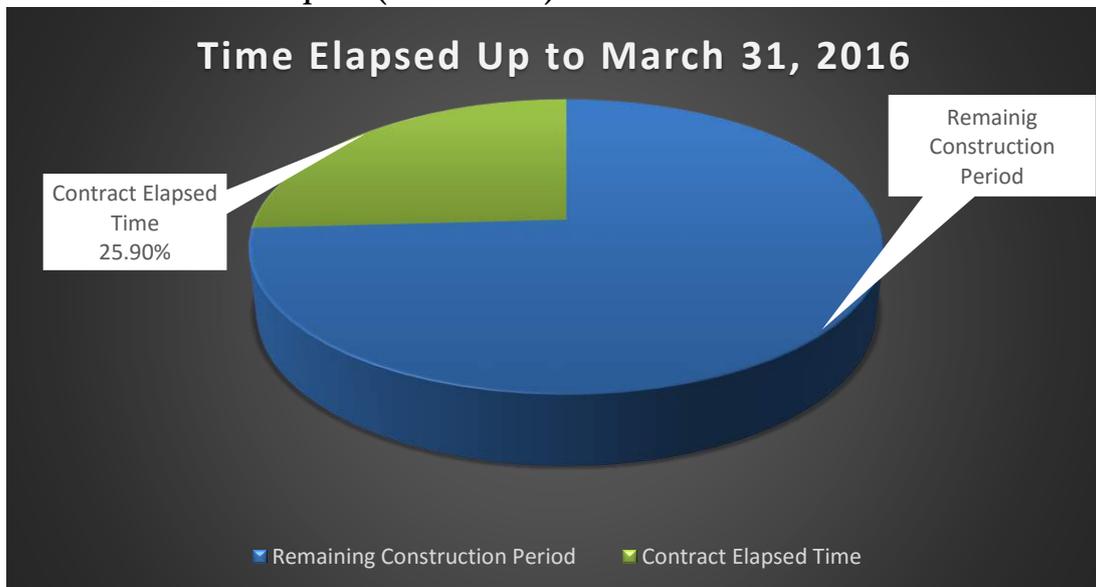
##### B. Construction of New Supply & Distribution Pipelines

1. Supply Line 1 (315 mm x 1.92 km)
2. Supply Line 2 (280 mm x 0.28 km)
3. Supply Line 3 (110 mm x 0.13 km)
4. Distribution Line 1 (500 mm x 0.21 km)
5. Distribution Line 2 (500 mm x 0.12 km)
6. Distribution Line 3 (355 mm x 0.61 km and 280 mm x 0.70 km)
7. Distribution Line 4 (400 mm x 0.580 km and 315 mm x 0.64 km)

**2.2.6. Project Dashboard Status**

Contract Elapsed Time as of March 31, 2016 [%]	25.90%
Planned Percentage of Completion through March 31, 2016 [%]	5.69%
Actual Percentage of Completion through March 31, 2016 [%]	5.69%
Float (Days)	On schedule

\*Actual and planned percentages of work progress based on the submitted original CPM Schedule

**2.2.6.1. Progress Chart (March-2016)**

**2.2.6.2. Time Elapsed (March-2016)**


### 3. Safety

During this reporting period, no accidents were reported; zero notices of unsafe condition were issued

#### 3.1. Safety Toolbox Meetings

##### 3.1.1. Project 1 (ATA)

Two safety toolbox talks with subcontractor staff and labor were conducted as shown in below log:

Date of Meeting	Tool Box No.	Location	Description
March 20, 2016	TBM-15-00008-ATA-C-E-007	Al Atatrah Reservoir	Housekeeping
March 27, 2016	TBM-15-00008-ATA-C-E-009	Al Atatrah Reservoir	Excavation works for retaining wall

##### 3.1.2. Project 2 (NUS)

Two safety toolbox talks with subcontractor staff and labor were conducted as shown in below log:

Date of Meeting	Tool Box No.	Location	Description
March 23, 2016	TBM-15-00008-NUS-C-E-008	Nuseirat Reservoir	Test Pit
March 27, 2016	TBM-15-00008-NUS-C-E-010	Nuseirat Reservoir	Excavation works for retaining wall

#### 3.2. Accident Status

##### 3.2.1. Project 1 (ATA)

No accidents were reported during this reporting period.

##### 3.2.2. Project 2 (NUS)

No accidents were reported during this reporting period

#### 3.3. Notice of Unsafe Condition

##### 3.3.1. Project 1 (ATA)

Zero notice was issued during this reporting period.

##### 3.3.2. Project 2 (NUS)

Zero notice was issued during this reporting period.

### 4. Environmental Compliance

##### 4.1.1. Project 1 (ATA)

None issued during this reporting period.

##### 4.1.2. Project 2 (NUS)

None issued during this reporting period

### 5. Traffic Control Measures

TMGI implemented the approved traffic plan on reservoir site according to the approved submittals.

##### 5.1.1. Project 1 (ATA)

TMGI Installing Temporary Traffic Signs at the Reservoir Yard according to the approved submitted Traffic Plan

##### 5.1.2. Project 2 (NUS)

TMGI Installing Temporary Traffic Signs at the Reservoir Yard according to the approved submitted Traffic Plan

## 6. Risk Management & Mitigation Measures

For more information, please refer to Annex I

## 7. Community Outreach

### 7.1.1. Project 1 (ATA)

None issued during this reporting period.

### 7.1.2. Project 2 (NUS)

None issued during this reporting period.

## 8. Gender Action 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.

- During this report period TMGI hired a female engineer as a GRAMMS operator

## 9. Coordination and Meetings

Two meetings were held during the month of March as below:

Coordination Meeting				
Date	Attendees	Subject	Description	Location
March 1, 2016	USAID, CMC/BV and TMGI	Monthly Contracting Officer's Meeting #20	Discuss progress status For Gaza projects	Grand Park Ramallah, Palestine
March 22, 2016	USAID, CMC/BV and TMGI	Bi-weekly Progress meeting #004	Meeting Minutes TO-15-00008, Construction of Reservoir and Pumping Facilities Package 1-GAZI	B&V Main Office Ramallah, Palestine
March 24, 2016	USAID, ADAM and TMGI	GRAMMS	GRAMMS discussion	Tel Aviv

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

## 10. Site Visitors

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

Date	Time	Representative	Representing	Remarks
<b>Project 1 (ATA)</b>				
March 8, 2016	10:00 AM	Jaber Al Kasseeh	CMWU	Walkthrough
March 17, 2016	09:00 AM	Jaber Al Kasseeh	CMWU	Walkthrough
<b>Project 2 (NUS)</b>				
No Visitors during this reporting period				

## 11. Progress and Scheduling

The Construction phase started on January 21, 2016, preconstruction submittals were closed. Furthermore, Materials and Shop drawings submittals are ongoing – For more details please refer to Annex **B**

### 11.1. Activities During This Reporting Period

#### 11.1.1. Project 1 (ATA)

- 11.1.1.1. Preparation and submit the construction submittals (Material & Shop drawings)
- 11.1.1.2. Re-located works for the existing utilities at the reservoir yard.
- 11.1.1.3. Walkthrough was conducted for the proposed pipelines
- 11.1.1.4. Excavation works for Retaining Walls & Reservoir Foundation
- 11.1.1.5. Laying base course under the retaining wall foundation.
- 11.1.1.6. Prepare procurement orders for construction requirements and ABC material
- 11.1.1.7. Coordination with the CMWU & PWA

#### 11.1.2. Project 2 (NUS)

- 11.1.2.1. Preparation and submit the construction submittals (Material & Shop drawings)
- 11.1.2.2. Removing of the existing interlock tiles.
- 11.1.2.3. Walkthrough was conducted for the proposed pipelines
- 11.1.2.4. Excavation works for Retaining Walls
- 11.1.2.5. Prepare procurement orders for construction requirements and ABC material.
- 11.1.2.6. Conduct the trial mix test in the approved batch plant for concrete type 30MPa cylinder for GAZI.
- 11.1.2.7. Coordination with the CMWU & PWA.

### 11.2. Planned Activities for Next Month

#### 11.2.1. Project 1 (ATA)

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

- 11.2.1.1. Continue preparation and submit the construction submittals.
- 11.2.1.2. Continue excavation works for RW
- 11.2.1.3. Laying and compaction base course layer under RW foundation
- 11.2.1.4. Cast plain concrete for RW foundation
- 11.2.1.5. Shuttering work and fixing of steel reinforcement for RW foundation
- 11.2.1.6. Cast reinforced concrete for RW foundation
- 11.2.1.7. Install of washout drain pipe and perforated pipes under the reservoir foundation
- 11.2.1.8. Cast plain concrete for Reservoir foundation
- 11.2.1.9. Coordination with the CMWU & PWA.
- 11.2.1.10. Continue procurement orders for construction requirements and ABC material.

#### 11.2.2. Project 2 (NUS)

- 11.2.2.1. Continue preparation and submit the construction submittals.
- 11.2.2.2. Continue excavation works for RW
- 11.2.2.3. Laying and compaction base course layer under RW foundation
- 11.2.2.4. Cast plain concrete for RW foundation
- 11.2.2.5. Shuttering work and fixing of steel reinforcement for RW foundation
- 11.2.2.6. Cast reinforced concrete for RW foundation
- 11.2.2.7. Coordination with the CMWU & PWA.
- 11.2.2.8. Continue procurement orders for mobilization requirements and ABC material.

For more details, refer to Annex **D**

## 12. Indicators

### 12.1. Project 1 (ATA)

#### 12.1.1. Indicator 1: Quantity of drinking water available as a result of USG Assistance

Project 1: Al Atarah	Total number of Beneficiaries	Male		Female	
		No.	%	No.	%
<b>Target</b>	56,250	28,687	51%	27,563	49%
<b>Actual</b>	0	0	0%	0	0%

#### 12.1.2. Indicator 2: Person Days of employment generated. for this reporting period

Project 1: Al Atarah	Total number (Person Days)	Male	Female
		No.	No.
<b>Target</b>	18350	16384	1966
<b>Actual Previously</b>	1393.4	1298.4	95
<b>Actual during this reporting period</b>	564.1	537.1	27
<b>Total actual</b>	1957.5	1835.5	122

### 12.2. Project 2 (NUS)

#### 12.2.1. Indicator 1: Quantity of drinking water available as a result of USG Assistance

Project 2: Nuseirat	Total number of Beneficiaries	Male		Female	
		No.	%	No.	%
<b>Target</b>	99,000	50,490	51%	48,510	49%
<b>Actual</b>	0	0	0%	0	0%

#### 12.2.2. Indicator 2: Person Days of employment generated. for this reporting period

Project 2: Nuseirat	Total number (Person Days)	Male	Female
		No.	No.
<b>Target</b>	18350	16384	1966
<b>Actual Previously</b>	1077.8	983.8	94
<b>Actual during this reporting period</b>	306.6	279.6	27
<b>Total actual</b>	1384.4	1263.4	121

## 13. Working / Non – Working Days

### 13.1. Project 1 (ATA)

1	Total Period of Performance (Original)	<b>610</b>
2	Total Excusable delays/approved extensions	<b>0</b>
3	Modified Period of Performance	-
4	Modified Completion Date	-
5	No. of Working Days during this reporting Period	<b>27</b>
6	Accumulated Working Days	<b>127.5</b>
7	Total No. of non-working days (Holidays and weekends) during this reporting Period	<b>4</b>
8	Accumulated non-working days (Holidays and weekends)	<b>22</b>
9	No. of other non-working days during this month	<b>0</b>
10	Accumulated other non-working days	<b>8.5</b>

### 13.2. **Project 2 (NUS)**

1	Total Period of Performance (Original)	<b>610</b>
2	Total Excusable delays/approved extensions	<b>0</b>
3	Modified Period of Performance	<b>-</b>
4	Modified Completion Date	<b>-</b>
5	No. of Working Days during this reporting Period	<b>26</b>
6	Accumulated Working Days	<b>122</b>
7	Total No. of non-working days (Holidays and weekends) during this reporting Period	<b>4</b>
8	Accumulated non-working days (Holidays and weekends)	<b>22</b>
9	No. of other non-working days during this month	<b>1</b>
10	Accumulated other non-working days	<b>14</b>

### 14. Material & equipment delivered to site

#### 14.1 **Project 1 (ATA)**

1. 318.12 ton of base course were delivered to the project during this reporting period.
2. 31.74 ton of steel rebar's ø25mm were delivered to the project during this reporting period.

#### 14.2 **Project 2 (NUS)**

1. 198.6 ton of base course were delivered to the project during this reporting period.
- For more details, please refer to Annex A.

### 15 Site Memos

TMGI received 1 site memo from CMC/B&V, as a Site Instruction for CCTV system.

#### 15.1 **Project 1 (ATA)**

TMGI received 3 site memos from CMC/B&V, all of them are record of joint walkthrough.

#### 15.2 **Project 2 (NUS)**

TMGI received 3 site memos from CMC/B&V, all of them are record of joint walkthrough.

For more details, please refer to Annex J

### 16 Inspection Requests

#### 16.1. **Project 1 (ATA)**

During this reporting period, 4 inspection requests were issued.

#### 16.2. **Project 2 (NUS)**

During this reporting period, 3 inspection requests were issued.

For more details, refer to Annex E.

### 17. Quality Control

The Quality Control Plan (QCP) was returned back with status B (exceptions noted) on February 15, 2016. TMGI will resubmit it after taking into consideration the CMC comments Quality control program that should be followed during the construction phase, including the forms of recording the quality control operations, organization chart, control activities, testing, administration of the system for onsite and offsite work, submittal procedures, materials, phases of inspection system, and documentation procedures.

### 18. Tests Results:

One test result for Concrete Ready Job Mix Design was issued during this reporting period.

#### 18.1. **Project 1 (ATA)**

During this reporting period, 5 tests were issued.

#### 18.2. **Project 2 (NUS)**

During this reporting period, **2** tests were issued.

For more details, refer to Annex **K**

## 19. Submittals

Continue construction submittals.

For more details, refer to Annex **F**.

## 20. Request for Information

During this reporting period, 2 RFIs were issued for GAZI project.

### 20.1. Project 1 (ATA)

None issued during this reporting period.

### 20.2. Project 2 (NUS)

During this reporting period, 2 RFIs were issued

For more information, please refer to Annex **G**.

## 21. Transmittals

### 21.1. Outgoing / Incoming USAID Transmittals (TMGI/ USAID)

Date	Contractor Trans. No.	Sender / Recipient	Subject
March 6, 2016	By Email	TMGI/USAID	RE: TO-15-00008 & 9-GAZI - RFI (Manway)
March 8, 2016	By Email	USAID/TMGI	
March 9, 2016	By Email	TMGI/USAID	
March 7, 2016	By Email	TMGI/USAID	FW: SWJ - Task Order Manager Position
March 9, 2016	By Email	USAID/TMGI	
March 8, 2016	By Email	TMGI/USAID	FW: GRAMMS - Concrete Admixtures for TO-15-00008 & 9-GAZI & II
March 8, 2016	By Email	USAID/TMGI	
March 21, 2016	By Email	TMGI/USAID	
March 22, 2016	By Email	USAID/TMGI	
March 22, 2016	By Email	TMGI/USAID	
March 9, 2016	By Email	TMGI/USAID	TO 15 00008 GAZI: Vetting Request: Ziad Husain Husain saleem.
March 9, 2016	By Email	TMGI/USAID	TO 15 00008 GAZI: Vetting Request: Osama Nabil Awad Abu mosa.
March 9, 2016	By Email	TMGI/USAID	TO 15 00008 GAZI: Vetting Request: Yehia Ibrahim Kamel Edwima.
March 9, 2016	By Email	TMGI/USAID	TO 15 00008 GAZI: Vetting Request: Ahmed Nazim Abdallah Abu Daya.

March 9, 2016	By Email	TMGI/USAID	TO 15 00008 GAZI: Vetting Request: Ahmed Mohamed Sellmi Abu Qlaiq.
March 9, 2016	By Email	TMGI/USAID	TO 15 00008 GAZI: Vetting Request: Ahmed Mahmoud Salman El haj Ahmed.
March 9, 2016	By Email	TMGI/USAID	TO 15 00008 GAZI: Vetting Request: Akram Walid Abdallah Ayoub.
March 9, 2016	By Email	USAID/TMGI	TO 15 00008 GAZI: Vetting Request: Ali Husain Ahmed Ali Husain.
March 9, 2016	By Email	TMGI/USAID	TO 15 00008 GAZI: Vetting Request: Aseel Samir Mahmoud El-henawi.
March 9, 2016	By Email	TMGI/USAID	TO 15 00008 GAZI: Vetting Request: Ibrahim Zaki Mahmoud Bedwan.
March 9, 2016	By Email	USAID/TMGI	TO 15 00008 GAZI: Vetting Request: Kamel Rashed Kamel Erqaiq.
March 21, 2016	By Email	TMGI/USAID	TO 15 00008 GAZI: Vetting Request: Abed Al Aziz Mahmoud Ouda Al Msadar
March 15, 2016	By Email	TMGI/USAID	RE: GRAMMS status for TO-15-00008 & 9-GAZI & II.
March 15, 2016	By Email	USAID/TMGI	
March 23, 2016	By Email	TMGI/USAID	
March 24, 2016	By Email	TMGI/USAID	GAZI-TO-15-00008-Vetting Request- SaL Technologies
March 24, 2016	By Email	TMGI/USAID	FW: D 8550 -TO-15-00008 & 9-GAZ I & II (Donation Number Package No. 01).

## 21.2. Transmittals from Contractor to Engineers

Contractors to Engineer	Description	Issued Date	Response Date
TRS. 00008.C-E-058	RFI - An Alternative route for distribution pipeline ND3 at Nuseirat project	March 1, 2016	March 10, 2016
	RFI - Generator Set Displacement	March 1, 2016	March 7, 2016
	RFI - An Alternative route for distribution pipeline ND4 & Supply Line NS1 at Nuseirat project	March 1, 2016	March 10, 2016
TRS. 00008.C-E-059	Side Manway Material Submittal	March 1, 2016	March 3, 2016
	Al Atatrah Electrical Coordination study	March 1, 2016	March 21, 2016
	Nuseirat Electrical Coordination study.	March 1, 2016	March 21, 2016
TRS. 00008.C-E-060	Concrete Repair Material - Alternative (SikaRep & Sikagrout -200)	March 3, 2016	March 22, 2016
	Waterproofing Membrane Sheet (Building Roofs Isolation/PAZKAR) - with Sample	March 3, 2016	March 22, 2016
TRS. 00008.C-E-061	VOR - Purchase and delivered the additional quantities of UPVC pipes fittings, restrained joints and FA	March 7, 2016	March 15, 2016
TRS. 00008.C-E-062	Material and Method Statement for Rapid Setting Cement-Based Water Stopping Mortar (Rendroc Plug)	March 8, 2016	March 21, 2016

	Disinfection Building Electrical Shop Drawing	March 8, 2016	March 21, 2016
	ALATATRAH Architectural & Structural Retaining Walls Shop Drawing PART A	March 8, 2016	March 22, 2016
TRS. 00008.C-E-063	Ductile iron pipe and fitting	March 9, 2016	March 15, 2016
	Polyethylene Storage Tanks	March 9, 2016	March 14, 2016
	Al Atatrah Site Layout Shop Drawing – For Construction	March 9, 2016	March 27, 2016
	Nuseirat Site Layout Shop Drawing - For Construction	March 9, 2016	March 22, 2016
	Float Level Control Valves	March 9, 2016	March 24, 2016
	Restraint UPVC Pipe Flange Adapter	March 9, 2016	March 14, 2016
	Pressure Switch	March 9, 2016	March 21, 2016
	Steel Pipes -Mechanical	March 9, 2016	March 14, 2016
	Flange Insulation Kit (SGM)	March 9, 2016	March 14, 2016
TRS. 00008.C-E-064	Link Seal	March 9, 2016	March 14, 2016
	Tree Relocation Method Statement	March 9, 2016	March 14, 2016
TRS. 00008.C-E-065	Concrete Mix Design Class B20, B25, B30 &B35	March 10, 2016	March 16, 2016
	Concrete Curing Method Statement	March 10, 2016	March 21, 2016
	Concrete Ready-Mix Design Class B300- Size 20mm	March 10, 2016	March 16, 2016
	Concrete Ready-Mix Design B300 - CCQC Lab.	March 10, 2016	March 16, 2016
	TEST - Concrete Ready-Mix Design 28- Days Concrete Compressive Strength Test Reports	March 10, 2016	March 24, 2016
TRS. 00008.C-E-066	Nuseirat Grade 3800M3 Reservoir Shop Drawing / Structural & Architectural	March 13, 2016	March 23, 2016
	Nuseirat - Reservoir 3800m3 – Shop Drawings (Mechanical)	March 13, 2016	March 29, 2016
	ARV Chamber Shop Drawing (Mechani- cal)	March 13, 2016	March 22, 2016
	Wash-Out Chamber Shop Drawing (Me- chanical)	March 13, 2016	March 21, 2016
	Gate Valve Chamber Mechanical Shop Drawing	March 13, 2016	March 23, 2016
	VOR - Use os Steel Mini Guaed in Lieu of Concrete New Jersey Barriers	March 13, 2016	March 21, 2016
TRS. 00008.C-E-067	Al Atatrah Grade 3800M3 Reservoir Shop Drawing / Structural & Architec- tural	March 14, 2016	March 23, 2016
	BFV Chamber Shop Drawing (Mechani- cal)	March 14, 2016	March 21, 2016
TRS. 00008.C-E-068	Al Atatrah - Reservoir 3800m3 – Shop Drawings (Mechanical)	March 14, 2016	March 29, 2016
TRS. 00008.C-E-069	Guard House Electrical Shop Drawing	March 15, 2016	March 23, 2016
	BILCO Hatches	March 15, 2016	March 23, 2016

	ALATATRAH Architectural & Structural Retaining Walls Shop Drawing PART A	March 15, 2016	March 22, 2016
TRS. 00008.C-E-070	PVC Water Stop Product Name: Super cast watafoil Manufacturer: FOSROC	March 16, 2016	March 17, 2016
	Expandable Water Stop Product Name: Super cast SW10 Manufacturer: FOSROC	March 16, 2016	March 17, 2016
	Perforated Pipe Product Name: Super Kiz Manufacturer: Eliyaou Plastic Ltd	March 16, 2016	March 22, 2016
	PRV Chamber Shop Drawing (Mechanical)	March 16, 2016	March 24, 2016
	Al Atatrah - Reservoir 3800m3 - Electrical Shop Drawing	March 16, 2016	March 23, 2016
	Nuseirat - Reservoir 3800m3 – Electrical Shop Drawing	March 16, 2016	March 23, 2016
	TRS. 00008.C-E-071	Al Atatrah Site Layout Shop Drawing – For Construction	March 17, 2016
Manhole Covers "750 mm"		March 17, 2016	March 22, 2016
Electrical & Control Building Shop Drawing (Mechanical)		March 17, 2016	March 31, 2016
Guard House Mechanical Shop Drawing		March 17, 2016	Under Review
TEST - Steel Rebar's Test Reports (Φ25)		March 17, 2016	Under Review
TRS. 00008.C-E-072	Nuseirat Architectural & Structural Retaining Walls shop drawings	March 20, 2016	March 27, 2016
	Material and Method Statement for Internal Epoxy Coating	March 20, 2016	March 21, 2016
	Nuseirat Vertical Booster Pump (American –Marsh Pumps)	March 20, 2016	Under Review
	Al Atatrah Vertical Booster Pump (American –Marsh Pumps)	March 20, 2016	Under Review
	Electrical & Control Room- Nuseirat Electrical Shop Drawing	March 20, 2016	March 31, 2016
	Electrical & Control Room- Al Atatrah Electrical Shop Drawing	March 20, 2016	March 31, 2016
TRS. 00008.C-E-073	Steel Fence & Posts	March 20, 2016	March 23, 2016
TRS. 00008.C-E-074	Nuseirat Excavation Plan Shop Drawing	March 21, 2016	March 29, 2016
	Al Atatrah Excavation Plan Shop Drawing	March 21, 2016	March 31, 2016
	VOR - Purchase and delivered the additional quantities of UPVC pipes fittings	March 21, 2016	March 30, 2016
	Nusirate Retaining Wall Grounding System- Electrical Shop Drawing	March 21, 2016	March 31, 2016
TRS. 00008.C-E-075	Ready Mix Concrete Batching Plant (Al Handasia Company for ready mix concrete)	March 22, 2016	March 27, 2016

	Ready Mix Concrete Batching Plant (Abu Eida Company for ready mix concrete)	March 22, 2016	March 27, 2016
TRS. 00008.C-E-076	TEST - Base Course Material Trial Test (No.1) Results - Al Atatrah Stockpile. Source: Enbi Ha Negev Ha Ma'arbi Ltd Company.	March 23, 2016	Under Review
	TEST - Base Course Material Trial Test (No.1) Results - Nuseirat Stockpile. Source: Enbi Ha Negev Ha Ma'arbi Ltd Company.	March 23, 2016	Under Review
	TEST - Base Course Material Trial Test (No.2) Results - Al Atatrah Stockpile. Source: Enbi Ha Negev Ha Ma'arbi Ltd Company.	March 23, 2016	Under Review
	TEST - Base Course Material Trial Test (No.2) Results – Nuseirat Stockpile. Source: Enbi Ha Negev Ha Ma'arbi Ltd Company.	March 23, 2016	Under Review
TRS. 00008.C-E-077	Disinfection System Instruments	March 24, 2016	March 29 2016
	Ductile iron pipe and fitting	March 24, 2016	Under Review
	Galvanized Steel Roof Vent	March 24, 2016	Under Review
	ALATATRAH Architectural & Structural Retaining Walls Shop Drawing PART A	March 24, 2016	Under Review
	Gate Valve Chamber Mechanical Shop Drawing	March 24, 2016	Under Review
TRS. 00008.C-E-078	Nuseirat Diesel Generator (300KW) Manufacturer: FG WILSON	March 27, 2016	Under Review
	Al Atatrah Diesel Generator (250KW) Manufacturer: FG WILSON	March 27, 2016	Under Review
	Stainless Steel Pipes and Fittings - Inside Water Tanks	March 27, 2016	March 31, 2016
	Disinfection System Pipes, Valves and Fittings	March 27, 2016	Under Review
	Plumbing Valves and Fittings	March 27, 2016	March 31, 2016
	Steel Fittings	March 27, 2016	March 31, 2016
	Restraint UPVC Pipe Flange Adapter	March 27, 2016	March 31, 2016
	Grinder Pumps – Al Atatrah	March 27, 2016	Under Review
Cast iron drainage system	March 27, 2016	March 31, 2016	
TRS. 00008.C-E-079	Nuseirat Architectural & Structural Re- taining Walls shop drawings	March 29, 2016	Under Review
TRS. 00008.C-E-080	Al Atatrah Site Layout Shop Drawing – For Construction	March 30, 2016	Under Review
	Disinfection Building Shop Drawing (Mechanical)	March 30, 2016	Under Review
	Disinfection Building Electrical Shop Drawing	March 30, 2016	Under Review

TRS. 00008.C-E-081	VOR - Purchase and delivered the additional quantities of UPVC pipes fittings, restrained joints and FA	March 31, 2016	Under Review
	TEST - Base Course Material Trial Test (No.2) Results - Al Atatrah Stockpile. Source: Enbi Ha Negev Ha Ma'arbi Ltd Company	March 31, 2016	Under Review
	TEST - Soil Investigation under Al Atatrah Retaining wall from point 5 to 8.16 m eastward and from point 5 to 8 m southward, Section A.1.7/SH-12	March 31, 2016	Under Review
	RFI - Flowmeters construction material	March 31, 2016	Under Review
TRS. 00008.C-E-082	Lenovo Laptop 17" including all required accessories+ Bag & mouse	March 31, 2016	Received

### 21.3. Transmittals from Engineers to Contractor

Engineers to Contractor	Description	Submitting Date
TRS-15-00008-GAZI-E-C-060	1. Steel Rebar's Test Reports (<I:>16 & <I:>20)	March 2, 2016
	2. UPVC SN 8-Sewage System Pipes and Fittings-PN 12	March 2, 2016
	3. Flanged Ductile Pipe Gasket	March 2, 2016
	4. Material and Method Statement for Expandable Water Stop Supercast SW30	March 2, 2016
	5. Material and Method Statement for Rapid Setting Cement-Based Water Stopping Mortar Rendroc Plug)	March 2, 2016
	6. Material and Method Statement for Concrete Repair.	March 2, 2016
TRS-15-00008-GAZI-E-C-061	1. AC Unit Electrical and Control Room	March 3, 2016
	2. ARV Chamber Shop Drawing (Mechanical)	March 3, 2016
	3. Sub Distribution Board - Electrical Shop Drawngs.	March 3, 2016
	4. Material and Method Statement for External Isolation Material (nitoproof 30).	March 3, 2016
	5. Material and Method Statement for External Coating.	March 3, 2016
	6. Material and Method Statement for Flexible Protective Coating to Prevent Corrosion of Concrete Surfaces nitocote EPU).	March 3, 2016
	7. Material and Method Statement for Crack injection (wet or damp conditions).	March 3, 2016
	8. Side Manway Material Submittal.	March 3, 2016
	9. BILCO Hatches.	March 3, 2016
	10. Warning Tape – Water Pipelines.	March 3, 2016
	11. Filter Fabric (Geotextile) Data Sheet & Sample.	March 3, 2016
TRS-15-00008-GAZI-E-C-062	1. Disinfection Building Shop Drawing (Mechanical)	March 7, 2016
	2. Daily Joint Reports from February 25, 2016 to March 02, 2016	March 7, 2016
TRS-15-00008-GAZI-E-C-063	1. Generator Set Displacement	March 7, 2016
	1. Pressure Level Transmitters	March 7, 2016

TRS-15-00008-GAZI-E-C-064	2. Nuseirat Architectural & Structural Retaining Walls Shop Drawing	March 7, 2016
	3. Guard House Electrical Shop Drawing	March 7, 2016
	4. Pressure Switch	March 7, 2016
TRS-15-00008-GAZI-E-C-065	1. Gate Valve PN16	March 8, 2016
TRS-15-00008-GAZI-E-C-066	1. PRV Chamber Shop Drawing (Mechanical)	March 10, 2016
	2. Retaining Wall Height	March 10, 2016
	3. The Retaining Wall Foundation Interfere with Neighbor Land	March 10, 2016
	4. An Alternative Route for Distribution Pipeline ND3 at Nuseirat project	March 10, 2016
	5. An Alternative Route for Distribution pipeline ND4 & Supply Line NS 1 at Nuseirat project	March 10, 2016
TRS-15-00008-GAZI-E-C-067	1. Receptacles and Switches	March 14, 2016
	2. Polyethylene Storage Tanks	March 14, 2016
	3. AL Atatrah - Reservoir 3800m3-Electrical Shop Drawing.	March 14, 2016
	4. Nuseirat - Reservoir 3800m3 - Electrical Shop Drawing.	March 14, 2016
	5. Restrain UPVC Pipe Flange Adapter	March 14, 2016
	6. Steel Fence & Posts	March 14, 2016
	7. Steel Pipes -Mechanical	March 14, 2016
	8. Flange Insulation Kit (SGM)	March 14, 2016
	9. Link Seal	March 14, 2016
	10. Tree Relocation Method Statement.	March 14, 2016
TRS-15-00008-GAZI-E-C-068	1. Pressure Gauges & Snubbers	March 15, 2016
	2. Ductile Iron Pipe and Fitting	March 15, 2016
	3. Material and Method Statement for Internal Epoxy Coating.	March 15, 2016
	4. VFD Components - Schneider	March 15, 2016
	5. Purchase and Delivered the Additional Quantities ofUPVC Pipes Fitting, Restrained T oints & FA.	March 15, 2016
TRS-15-00008-GAZI-E-C-069	1. Concrete Mix Design for Class B20, B25, B30&B35	March 16, 2016
	2. Concrete Ready Mix Design Class B300-Size 20mm	March 16, 2016
	3. Concrete Ready-Mix Design B300 - CCQC Lab.	March 16, 2016
TRS-15-00008-GAZI-E-C-070	1. PVC Water Stop, Product Name: Supercast Waterfoil Manufacturer: FOSROC	March 17, 2016
	2. Expandable Water Stop, Product Name: Supercast SW10 Manufacture: FOSROC	March 17, 2016
	3. Daily Joint Reports from March 3, 2016 to March 16, 2016	March 17, 2016
TRS-15-00008-GAZI-E-C-071	1. Original CPM Schedule	March 21, 2016
	2. Concrete Curing Method Statement	March 21, 2016
	3. Material and Method Statement for Rapid Setting cement – Based Water Stopping Mortar (Rendroc Plug).	March 21, 2016
	4. Booster Pump Control Valve	March 21, 2016
	5. Pressure Switch	March 21, 2016
	6. Seismic Cans-With Sample	March 21, 2016
	7. Pad Transformer-400 KVA	March 21, 2016
	8. VFD Components – Schneider Nuseirat Reservoir	March 21, 2016

	9. Pressure Reducing Valve - PRV	March 21, 2016
	10. Al Atatrah Excavation Plan - Shop Drawing	March 21, 2016
	11. Al Atatrah Electrical Coordination Study	March 21, 2016
	12. Nuseirat Electrical Coordination Study	March 21, 2016
	13. Disinfection Building Electrical Shop Drawing	March 21, 2016
	14. Wash Out Chamber Shop Drawing (Mechanical)	March 21, 2016
	15. BFV Chamber Shop Drawing (Mechanical)	March 21, 2016
	16. Use of Steel Mini Guard in Lieu of Concrete New Jersey Barriers During Trench Excavation, Pipe Laying and Back Filling Operations	March 21, 2016
TRS-15-00008-GAZI-E-C-072	1. Material and Method Statement for Internal Epoxy Coating.	March 21, 2016
TRS-15-00008-GAZI-E-C-073	1. Perforated Pipe Product Name: Super Kiz Manufacture: Ehyahou Plastic Ltd.	March 22, 2016
	2. ARV Chamber Shop Drawing (Mechanical)	March 22, 2016
	3. Nuseirat Site Layout Shop Drawing	March 22, 2016
	4. Manhole Covers "750 mm"	March 22, 2016
	5. Concrete Repair Material - Alternative (SikaRep & Sikagrout -200)	March 22, 2016
	6. Waterproofing Membrane Sheet (Building Roofs Isolation/P AZKAR) - with Sample	March 22, 2016
	7. AL Atatrah Architectural & Structural Retaining Walls Shop Drawing PART.A	March 22, 2016
TRS-15-00008-GAZI-E-C-074	1. AL Atatrah Grade 3800 m3 Reservoir Shop Drawing/ Structural & Architectural	March 23, 2016
	2. Nuseirat Grade 3800 m3 Reservoir Shop Drawing/ Structural & Architectural	March 23, 2016
	3. AL Atatrah - Reservoir 3800m3 - Electrical Shop Drawing	March 23, 2016
	4. Nuseirat - Reservoir 3800m3 - Electrical Shoo Drawing	March 23, 2016
	5. Guard House Electrical Shop Drawing	March 23, 2016
	6. BILCO Hatches	March 23, 2016
	7. Steel Fence & Posts	March 23, 2016
	8. Gate Valve Chamber Mechanical Shop Drawing	March 23, 2016
TRS-15-00008-GAZI-E-C-075	1. PRV Chamber Shop Drawing (Mechanical)	March 24, 2016
	2. Concrete Ready Mix Design 28-Days Concrete Compressive Strength Test Reports	March 24, 2016
TRS-15-00008-GAZI-E-C-076	1. Float Level Control Valves	March 24, 2016
	2. Daily Joint Reports from March 17, 2016 to March 23, 2016	March 24, 2016
TRS-15-00008-GAZI-E-C-077	1. Nuseirat Architectural & Structural Retaining Walls Shop Drawing	March 27, 2016
	2. Al Atatrah Site Layout Shop Drawing	March 27, 2016
	3. Ready Mix Concrete Batching Plant (Al Handasia Company for Ready Mix Concrete)	March 27, 2016
	4. Ready Mix Concrete Batching Plant (Abu Elida Company for Ready Mix Concrete)	March 27, 2016
TRS-15-00008-GAZI-E-C-078	1. Disinfection System Instruments	March 29, 2016
	2. AL. Atatrah - Reservoir 3800m3 - Shop Drawing Mechanical	March 29, 2016

	3. Nuseirat - Reservoir 3800m3 - Shop Drawing Mechanical	March 29, 2016
	4. Nuseirat Excavation Plan-Shop Drawing	March 29, 2016
TRS-15-00008-GAZI-E-C-079	1. Purchase and Delivered the Additional Quantities of UPVC Pipes Fitting, Restrained joints & FA.	March 30, 2016
TRS-15-00008-GAZI-E-C-080	1. Electrical & Control Room- Nuseirat Electrical Shop Drawing	March 31, 2016
	2. Electrical & Control Room- Al Atatrah Electrical Shop Drawing	March 31, 2016
TRS-15-00008-GAZI-E-C-081	1. Stainless Steel Pipes and Fitting-Inside Water Tanks	March 31, 2016
	2. Plumbing Valves and Fittings	March 31, 2016
	3. Steel Fittings	March 31, 2016
	4. Restrain UPVC Pipe Flange Adapter	March 31, 2016
	5. Al Atatrah Excavation Plan - Shop Drawing	March 31, 2016
	6. Electrical & Control Building Shop Drawing Mechanical	March 31, 2016
	7. Nuseirat Retaining Wall Grounding System - Electrical Shop Drawing	March 31, 2016
	8. Cast Iron Drainage System	March 31, 2016

## 22. Task Order General Statistics

NO.	Description	This Month	Cumulative
1	<b>Preconstruction Submittals</b>	<b>1</b>	<b>60</b>
2	<b>Material Submittals</b>	<b>35</b>	<b>232</b>
3	<b>Shop drawings Submittals</b>		
3.1	Mutual for ATA & NUS (GAZI)	12	12
3.2	Project 1 ATA	11	21
3.3	Project 2 NUS	9	21
4	<b>Inspection Request (IR)</b>		
4.1	<b>Project 1 ATA</b>	4	9
4.2	<b>Project 2 NUS</b>	3	8
5	<b>Request for Information (RFI)</b>		
5.1	Mutual for ATA & NUS (GAZI)	2	12
5.2	Project 1 ATA	0	2
5.3	Project 2 NUS	2	2

### 23. Payments

None issued during this reporting period

Invoice No.	Project	Submitted date	Date Received by BV	Amount \$	Retention Amount	Amount Received	Received Date
PAY-15-00008-GAZI-001	ATA	January 18, 2016	January 21, 2016	263,471.99	-	263,471.99	-February 9, 2016
	NUS	January 18, 2016	January 21, 2016	270,776.85	-	270,776.85	-February 9, 2016
	GAZI (Total)	January 18, 2016	January 21, 2016	534,248.84	-	534,248.84	-February 9, 2016

### 24. Variation Orders

None issued during this reporting period.

VO. No.	Description	VO Status	USAID Approval date	Variation Order Amount	Time Extension Days

### 25. Variation Order Requests

VOR No.	Description	VO. No.	Variation Order Amount	Time Extension Days
<b>VOR-15-00008-GAZI-001-A</b>	Purchase and delivered the additional quantities of UPVC pipes fittings, restrained joints and FA	001-A	41,133.00 \$	Zero time extension
<b>VOR-15-00008-GAZI-001-B</b>	Purchase and delivered the additional quantities of UPVC pipes fittings, restrained joints and FA	001-B	40,533.00 \$	Zero time Extension
<b>VOR-15-00008-GAZI-001-C</b>	Purchase and delivered the additional quantities of UPVC pipes fittings, restrained joints and FA	001-C	35,993.00 \$	Zero time Extension
<b>VOR-15-00008-GAZI-002-A</b>	Use of Steel Mini Guard in Lieu of Concrete New Jersey Barriers	002-A	Zero Cost	Zero time Extension
<b>VOR-15-00008-GAZI-002-B</b>	Use of Steel Mini Guard in Lieu of Concrete New Jersey Barriers	002-B	Zero Cost	Zero time Extension
<b>VOR-15-00008-GAZI-003-A</b>	Use of coloured PVC conduits for embedded installations instead of rigid schedule 40 PVC conduits	003-A	Zero Cost	Zero time Extension

**26. Obstacles and Challenges****26.1. Project 1 (ATA)**

There are no seen obstacles observed

**26.2. Project 2 (NUS)**

No field works due to the storm weather on March 28, 2016.

**27. Progress Photos**

**27.1. Project 1 (ATA)**



**Re-located works for the existing utilities at the reservoir yard.**



**Re-located works for the existing utilities at the reservoir yard.**



**Site Walkthrough for Proposed Distribution Pipelines TD1**



**Site Walkthrough for Proposed Distribution Pipelines TD1**



**Site Walkthrough for Proposed Supply & Distribution Pipelines TS1 & TD2**



**Site Walkthrough for Proposed Supply & Distribution Pipelines TS3**



Test Pit was Conducted for the Existing Utilities along supply line -TS3



Test Pit was Conducted for the Existing Utilities along supply line -TS3



Removing & re-located works for the existing utilities at the reservoir yard.



Removing & re-located works for the existing utilities at the reservoir yard.



Base Course Material Test by CCQC Laboratory



Base Course Material Test by CCQC Laboratory



**Steel Rebar Material Delivered to the Storage Yard**



**Steel rebar Material Test by CCQC Laboratory**



**Safety Awareness Meeting**



**Safety Awareness Meeting**



**Excavation Works for Retaining Wall Segment 5-4 step#1 section 1.7&1.6 SH12**



**Excavation Works for Retaining Wall Segment 5-4 step#1 section 1.7&1.6 SH12**



**Excavation Works for Retaining Wall Segment  
5-4 step#1 section 1.7&1.6 SH12**



**Excavation Works for Retaining Wall Segment  
5-4 step#1 section 1.7&1.6 SH12**



**Excavation Works for Retaining Wall Segment  
5-4 step#1 section 1.7&1.6 SH12**



**Excavation Works for Retaining Wall Segment  
5-4 step#1 section 1.7&1.6 SH12**



**Excavation Works for Reservoir Foundation**



**Excavation Works for Reservoir Foundation**



**Compaction test for the structural fill under Retaining Wall Segment 5-4 step#1 section 1.7&1.6 SH12**



**Leveling of the structural fill under Retaining Wall Segment 5-4 step#1 section 1.7&1.6 SH12**



**Laying Base Course Layer to reach the formation level for Retaining Wall Segment 5-4 step#1 section 1.7&1.6 SH12**



**Laying Base Course Layer to reach the formation level for Retaining Wall Segment 5-4 step#1 section 1.7&1.6 SH12**



**General Layout for Al Attrah Reservoir Yard**

27.2. Project 2 (NUS)



**Base Course Material Delivered to the Storage Yard**



**Base Course Material Delivered to the Storage Yard**



**Installing Temporary Traffic Signs at Roads around the Reservoir Yard**



**Installing Temporary Traffic Signs at Roads around the Reservoir Yard**



**Removing the Existing Interlock Tiles from the Reservoir Yard**



**Transporting the Removed Interlock Tiles**



**Base Course Material Test by CCQC Laboratory**



**Base Course Material Test by CCQC Laboratory**



**Safety Awareness Meeting**



**Safety Awareness Meeting**



**Test pits were performed for the proposed pipelines ND1, ND3, ND4,**



**Test pits were performed for the proposed pipelines ND1, ND3, ND4,**



**Removing the Existing Interlock Tiles from the Reservoir Yard**



**Removing the Existing Interlock Tiles from the Reservoir Yard**



**Safety Awareness Meeting**



**Safety Awareness Meeting**



**Excavation Works for Retaining Wall Segment 3-4**



**Excavation Works for Retaining Wall Segment 3-4**



**Excavation Works for Retaining Wall Segment 3-4**



**Excavation Works for Retaining Wall Segment 3-4**



**Excavation Works for Retaining Wall Segment 3-4**



**Excavation Works for Retaining Wall Segment 3-4**



**Excavation Works for Retaining Wall Segment 3-4**



**Excavation Works for Retaining Wall Segment 3-4**



Conduct the trial mix test for concrete type 30MPa cylinder for GAZI



Conduct the trial mix test for concrete type 30MPa cylinder for GAZI



Transfer the excavated material from the site.



Transfer the excavated material from the site.



General Layout for Nuseirat Reservoir Yard

# ANNEXES

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

**Project 1 (ATA)**
**Materials Delivered on Site:**

Item	Description	Quantity	Location
1	Base Course	318.12 ton	Al Atatrah Storage Yard
2	φ 25 Steel Rebar	31.74 ton	Al Atatrah Storage Yard

**Equipment on Site:**

Description	Quantity	Hours
Diesel Generator FG WILSON (50 KVA)	1	71
CAT F950 Loader	1	61
Excavator JCB	1	8
Jack Hammer (Kongo)	3	13
Truck Crane	1	2
Total Station (Surveying Tools)	1	24
Grinder	2	92

**Project 2 (NUS)**
**Materials Delivered on Site:**

Item	Description	Quantity	Location
1	Base Course	123.8 ton	Nuseirat Storage Yard

**Equipment on Site:**

Description	Quantity	Hours
Loader 950 C	1	31
Loader 950 F	1	3
Truck Crane	1	2
Truck	1	2
Tipper Truck	2	12

# **Annex B – Submitted Original Base Line CBM schedule**

Note:

The attachments are based on the resubmitted CPM schedule on February 29, 2016 which is still under CMC review

**TO 15-08 GAZI - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package I**



02-Apr-16 16:38

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 15-08 GAZI - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package I</b>					26-Jun-17, TO 15-08 GAZI - Bas																																			
<b>Milestones</b>					26-Jun-17, Milestones																																			
<b>General Milestones</b>					26-Jun-17, General Milestones																																			
A1000	Notice To Proceed (NTP)	0.00d	26-Oct-15 A		◆ Notice To Proceed (NTP)																																			
A1010	Project Duration	604.37d	26-Oct-15 A	26-Jun-17	Project Duration																																			
A1020	Completion Date	0.00d		26-Jun-17*	◆ Completion Date																																			
<b>Intermediate Milestones</b>					17-Jun-17, Intermediate Milest...																																			
GAZI-IA-01	Start of Mobilization	0.00d	26-Oct-15 A		◆ Start of Mobilization																																			
GAZI-IA-02	Finish of Mobilization	0.00d		17-Jan-16 A	◆ Finish of Mobilization																																			
GAZI-IA-03	Start of Pre-Construction Submittals	0.00d	26-Oct-15 A		◆ Start of Pre-Construction Subm...																																			
GAZI-IA-04	Finish of Pre-Construction Submittals	0.00d		11-Apr-16	◆ Finish of Pre-Construction Sub...																																			
GAZI-IA-05	Start of Construction Submittals	0.00d	30-Nov-15		◆ Start of Construction Submitta...																																			
GAZI-IA-06	Finish of Construction Submittals	0.00d		26-Dec-16	◆ Finish of Construction Submitt...																																			
GAZI-IA-07	Start of Construction at Project 01 - Al Atatrah Reservoir and Pumping Facilities	0.00d	01-Feb-16 A		◆ Start of Construction at Proje...																																			
GAZI-IA-08	Finish of Construction at Project 01 - Al Atatrah Reservoir and Pumping Facilities	0.00d		03-May-17	◆ Finish of Construction at Proj...																																			
GAZI-IA-09	Start of Construction at Project 2 - Nuseirat Reservoir and Pumping Facilities	0.00d	05-Apr-16		◆ Start of Construction at Proje...																																			
GAZI-IA-10	Finish of Construction at Project 2 - Nuseirat Reservoir and Pumping Facilities	0.00d		17-Jun-17	◆ Finish of Construction at Proj...																																			
<b>Preconstruction Phase</b>					11-Apr-16, Preconstruction Pha...																																			
<b>Mobilization</b>					18-Jan-16 A, Mobilization																																			
GAZI - MOB0999	Construction Site Handover and Receive Conformed Drawings	1.00d	27-Oct-15 A	27-Oct-15 A	I Construction Site Handover and...																																			
GAZI - MOB1000	Pre-Construction Dilapidation Survey	15.00d	11-Nov-15	19-Nov-15	I Pre-Construction Dilapidation ...																																			
GAZI - MOB1010	Provide, furnish and erect Temporary Project Signs	5.00d	23-Dec-15	29-Dec-15	I Provide, furnish and erect Tem...																																			
GAZI - MOB1020	Supply and furnish Field Office Furniture and Miscellaneous	5.00d	22-Nov-15	30-Dec-15	I Supply and furnish Field Offic...																																			
GAZI - MOB1030	Supply and install Field Office Computer Systems and IT Equipments	7.00d	16-Nov-15	18-Jan-16 A	I Supply and install Field Offic...																																			
GAZI - MOB1040	Arrange for and erect Contractor's work and Storage Yards	10.00d	17-Dec-15	31-Dec-15	I Arrange for and erect Contract...																																			
GAZI - MOB1060	Post OSHA-required notices and establish safety programs	2.00d	17-Dec-15	31-Dec-15	I Post OSHA-required notices and...																																			
GAZI - MOB1070	Installation of Temporary Facilities as per section 01500	7.00d	17-Dec-15	31-Dec-15	I Installation of Temporary Faci...																																			
GAZI - MOB1080	Mobilization Summary	65.00d	26-Oct-15 A	17-Jan-16 A	I Mobilization Summary																																			
<b>Preconstruction Submittals</b>					11-Apr-16, Preconstruction Sub...																																			
GAZI-PC-SUB-01	Preparation & Submit Copy of Bank Guarantee Certificates (for engineer record)	5.00d	15-Oct-15 A	20-Oct-15 A	I Preparation & Submit Copy of B...																																			
GAZI-PC-SUB-01-R&A	Review & Approval of Bank Guarantee Certificates	21.00d	16-Nov-15	23-Nov-15	I Review & Approval of Bank Guar...																																			
GAZI-PC-SUB-02	Preparation & Submit Scheduling Qualification Submittal	2.00d	26-Oct-15 A	29-Oct-15 A	I Preparation & Submit Scheduling...																																			
GAZI-PC-SUB-02-R&A	Review & Approval of Scheduling Qualification Submittal	21.00d	16-Nov-15	23-Nov-15	I Review & Approval of Scheduling...																																			
GAZI-PC-SUB-03	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)	10.00d	28-Oct-15 A	08-Nov-15	I Preparation & Submit Prelimina...																																			
GAZI-PC-SUB-03-R&A	Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation)	21.00d	22-Nov-15	07-Dec-15	I Review & Approval of Prelimina...																																			
GAZI-PC-SUB-04	Preparation & Submit Submittals Schedule	2.00d	10-Dec-15	19-Dec-15	I Preparation & Submit Submittal...																																			
GAZI-PC-SUB-04-R&A	Review & Approval of Submittals Schedule	21.00d	20-Dec-15	03-Jan-16 A	I Review & Approval of Submittal...																																			
GAZI-PC-SUB-05	Preparation & Submit Key Staff	5.00d	11-Dec-15	19-Dec-15	I Preparation & Submit Key Staff																																			
GAZI-PC-SUB-05-R&A	Review & Approval of Key Staff	21.00d	20-Dec-15	24-Dec-15	I Review & Approval of Key Staff																																			
GAZI-PC-SUB-06	Preparation & Submit Project Temporary Signs	2.00d	05-Nov-15	11-Nov-15	I Preparation & Submit Project T...																																			
GAZI-PC-SUB-06-R&A	Review & Approval of Project Temporary Signs	21.00d	16-Nov-15	26-Nov-15	I Review & Approval of Project T...																																			
GAZI-PC-SUB-07	Preparation & Submit Engineer's Field Office Location and Layout	2.00d	08-Dec-15	14-Dec-15	I Preparation & Submit Engineer'...																																			
GAZI-PC-SUB-07-R&A	Review & Approval of Engineer's Field Office Location and Layout	21.00d	15-Dec-15	23-Dec-15	I Review & Approval of Engineer'...																																			
GAZI-PC-SUB-08	Preparation & Submit Field Office Furniture and Equipment Plan	2.00d	12-Nov-15	19-Dec-15	I Preparation & Submit Field Off...																																			
GAZI-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...																																			
GAZI-PC-SUB-09	Preparation & Submit Field Office Computer Systems and Miscellaneous	5.00d	30-Nov-15	05-Dec-15	I Preparation & Submit Field Off...																																			
GAZI-PC-SUB-09-R&A	Review & Approval of Field Office Computer Systems and Miscellaneous	21.00d	06-Dec-15	15-Dec-15	I Review & Approval of Field Off...																																			
GAZI-PC-SUB-10	Preparation & Submit Quality Control Plan with Testing Lab C.V	5.00d	10-Dec-15	19-Dec-15	I Preparation & Submit Quality C...																																			

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





























































**TO 15-08 GAZI - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package I**

02-Apr-16 16:39



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>Booster Pump Station</b>																																			29-Apr-17, Booster Pump Statio...			
<b>Civil &amp; Structural Works</b>																																			22-Jan-17, Civil & Structural ...			
E-NUS-PB-1000	Excavation Leveling for Foundation	5.00d	01-Oct-16	05-Oct-16																															Excavation Leveling for Founda...			
E-NUS-PB-1060	Furnishing, leveling, and compacting of subgrade layer	7.00d	28-Nov-16	05-Dec-16																															Furnishing, leveling, and comp...			
E-NUS-PB-1070	Construction of Lean	3.00d	06-Dec-16	08-Dec-16																															Construction of Lean			
E-NUS-PB-1080	Form/Steel Rebars for Foundation	8.00d	10-Dec-16	21-Dec-16																															Form/Steel Rebars for Foundati...			
E-NUS-PB-1090	Cast in Concrete for Foundation and Concrete Curing	7.00d	26-Dec-16	08-Jan-17																															Cast in Concrete for Foundatio...			
E-NUS-PB-1100	Form/Steel Rebars for Slab on Grade and Walls of Booster Pump	8.00d	26-Dec-16	09-Jan-17																															Form/Steel Rebars for Slab on ...			
E-NUS-PB-1110	Cast R.C. for Slab on Grade and Walls of Booster Pump	2.00d	12-Jan-17	14-Jan-17																															Cast R.C. for Slab on Grade an...			
E-NUS-PB-1120	Concrete Curing & Backfilling	7.00d	15-Jan-17	22-Jan-17																															Concrete Curing & Backfilling			
<b>Steel Structure &amp; Metal Works</b>																																			15-Feb-17, Steel Structure & M...			
E-NUS-PB-1130	Furnish & Install Grating, Plates, embeds, Ladders,...etc.	21.00d	23-Jan-17	15-Feb-17																															Furnish & Install Grating, Pla...			
E-NUS-PB-1140	furnish and install structural steel and roofing including roof hatches	20.00d	23-Jan-17	14-Feb-17																															furnish and install structural...			
<b>Mechanical Works</b>																																			29-Apr-17, Mechanical Works			
E-NUS-PB-1010	Furnish & Install of Utility Piping Under 50mm Including Pipe Supports & Valves	14.00d	06-Oct-16	22-Oct-16																															Furnish & Install of Utility P...			
E-NUS-PB-1020	Furnish & Install of Utility Piping above 50mm Including Pipe Supports & Valves	13.00d	26-Oct-16	12-Nov-16																															Furnish & Install of Utility P...			
E-NUS-PB-1040	Clean & Prssure Test Process Piping	10.00d	13-Nov-16	24-Nov-16																															Clean & Prssure Test Process P...			
E-NUS-PB-1050	Furnish & Install Suction Barrel for Future Pump	12.00d	13-Nov-16	27-Nov-16																															Furnish & Install Suction Barr...			
E-NUS-PB-1150	Furnish & Install Isolation valves and Flow Meter on Discharge Head	15.00d	23-Jan-17	08-Feb-17																															Furnish & Install Isolation va...			
E-NUS-PB-1160	Furnish & Install Isolation Valves & Pipes Above 80mm	12.00d	09-Feb-17	25-Feb-17																															Furnish & Install Isolation Va...			
E-NUS-PB-1180	Furnish & Install Booster-Pump Control Valve , Check Valve	15.00d	26-Feb-17	14-Mar-17																															Furnish & Install Booster-Pump...			
E-NUS-PB-1190	Furnish & Install Orifice Plates	5.00d	15-Mar-17	20-Mar-17																															Furnish & Install Orifice Plat...			
E-NUS-PB-1200	Furnish & Install Complete Transmission System Pumps	18.00d	21-Mar-17	10-Apr-17																															Furnish & Install Complete Tra...			
E-NUS-PB-1260	Test & Comission of Transmission System Pumps	14.00d	11-Apr-17	29-Apr-17																															Test & Comission of Transmissi...			
<b>Electrical &amp; Instrumentation Works</b>																																			20-Apr-17, Electrical & Instru...			
E-NUS-PB-1030	Furnish & Installation of Grounding, Exposed Conduits, Ductbanks & Raceway	5.00d	06-Oct-16	11-Oct-16																															Furnish & Installation of Grou...			
E-NUS-PB-1170	Furnish & Install Lightning Protection, Recepticles & Process Control Instrumentation	3.00d	26-Feb-17	28-Feb-17																															Furnish & Install Lightning P...			
E-NUS-PB-1210	furnish installation and termination of transmission pump power and controls wire including boxes,supports ...etc	14.00d	21-Mar-17	05-Apr-17																															furnish installation and termi...			
E-NUS-PB-1220	Furnish & Installation and Termination of Booster Control Valves Pump Power ..etc	7.00d	21-Mar-17	28-Mar-17																															Furnish & Installation and Te...			
E-NUS-PB-1230	Furnish& Installation of Panel, Wires, Conduits, Cables, Lights and receptacles	5.00d	06-Apr-17	11-Apr-17																															Furnish& Installation of Panel...			
E-NUS-PB-1240	Furnish & Install all Instruments	10.00d	06-Apr-17	18-Apr-17																															Furnish & Install all Instrume...			
E-NUS-PB-1270	Furnish, Installation and Termination of Miscellaneous Powe..etc	7.00d	12-Apr-17	20-Apr-17																															Furnish, Installation and Term...			
<b>Coatings &amp; Finishing Works</b>																																			17-Apr-17, Coatings & Finishin...			
E-NUS-PB-1250	Furnish & Apply all Coatings	5.00d	11-Apr-17	17-Apr-17																															Furnish & Apply all Coatings			
<b>Electrical &amp; Control Building</b>																																			06-Mar-17, Electrical & Contro...			
<b>Civil &amp; Structural Works</b>																																			28-Nov-16, Civil & Structural ...			
E-NUS-ECB-1000	Excavation Leveling for Foundation and Furnishing, leveling, and compacting of selected backfill	9.00d	13-Aug-16	23-Aug-16																															Excavation Leveling for Founda...			
E-NUS-ECB-1010	Construction of Lean Concrete	5.00d	23-Aug-16	29-Aug-16																															Construction of Lean Concrete			
E-NUS-ECB-1020	Form/Steel Rebars for Foundation	4.00d	29-Aug-16	03-Sep-16																															Form/Steel Rebars for Foundati...			
E-NUS-ECB-1040	Cast Concrete for Foundation	1.00d	04-Sep-16	05-Sep-16																															Cast Concrete for Foundation			
E-NUS-ECB-1060	Concrete Curing for Foundation	7.00d	05-Sep-16	18-Sep-16																															Concrete Curing for Foundation			
E-NUS-ECB-1070	Form/Steel Rebars for Slab on Grade & Compacted Basecourse layer 20cm	10.00d	05-Sep-16	21-Sep-16																															Form/Steel Rebars for Slab on ...			
E-NUS-ECB-1080	Cast R.C. for the Slab on Grade	1.00d	21-Sep-16	22-Sep-16																															Cast R.C. for the Slab on Grad...			
E-NUS-ECB-1090	Concrete Curing for the Slab on Grade	7.00d	22-Sep-16	01-Oct-16																															Concrete Curing for the Slab o...			
E-NUS-ECB-1100	Form/Steel Rebars for the Walls	10.00d	22-Sep-16	04-Oct-16																															Form/Steel Rebars for the Wall...			
E-NUS-ECB-1110	Cast Reinforced Concrete for the Wallls	1.00d	04-Oct-16	05-Oct-16																															Cast Reinforced Concrete for t...			
E-NUS-ECB-1120	Deshuttering & Curing For Walls	7.00d	08-Oct-16	16-Oct-16																															Deshuttering & Curing For Wall...			
E-NUS-ECB-1130	Form/Steel Rebars for the Roof Slab	5.00d	16-Oct-16	22-Oct-16																															Form/Steel Rebars for the Roof...			

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













## **Annex C - Progress S - Curve**

Note:

S – Curve will be indicated upon approval of original CPM base line schedule



# **Annex D - One Month Look Ahead**

**TO 15-08 GAZI - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package I**

02-Apr-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 15-08 GAZI - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package I</b>					▼																																				26-Jun-17, TO 15-08 GAZI - Bas
<b>Milestones</b>					▼																																				26-Jun-17, Milestones
<b>General Milestones</b>					▼																																				26-Jun-17, General Milestones
A1010	Project Duration	604.37d	26-Oct-15 A	26-Jun-17																																					Project Duration
<b>Intermediate Milestones</b>					▼																																				11-Apr-16, Intermediate Milest...
GAZI-IA-04	Finish of Pre-Construction Submittals	0.00d		11-Apr-16	◆																																				Finish of Pre-Construction Sub...
<b>Preconstruction Phase</b>					▼																																				11-Apr-16, Preconstruction Pha...
<b>Preconstruction Submittals</b>					▼																																				11-Apr-16, Preconstruction Sub...
GAZI-PC-SUB-15-R&A	Review & Approval of Original CPM Construction Schedule	21.00d	27-Dec-15	11-Apr-16	█																																				Review & Approval of Original ...
<b>Construction Phase</b>					▼																																				17-Jun-17, Construction Phase
<b>Construction Submittals</b>					▼																																				31-May-16, Construction Submitt...
<b>Shop drawing Submittals</b>					▼																																				31-May-16, Shop drawing Submitt...
<b>Shop drawing Submittals for Project 1 - Al Atatrah Reservoir and Pumping Facilities</b>					▼																																				31-May-16, Shop drawing Submitt...
<b>Shop drawing Submittals for Al Atatrah Reservoir and Pumping Facilities</b>					▼																																				31-May-16, Shop drawing Submitt...
<b>Shop drawing submittals for Al Atatrah Reservoir - 3,800 m3</b>					▼																																				22-May-16, Shop drawing submitt...
ATA-SD-RES-1070	Review & Approval of Mechanical shopdrawing for Al Atatrah Reservoir	21.00d	24-Feb-16 A	19-Apr-16	█																																				Review & Approval of Mechanica...
ATA-SD-RES-1100	Prep. & Sub. of Coordination Shop drawing for Al Atatrah Reservoir	15.00d	29-Feb-16 A	18-Apr-16	█																																				Prep. & Sub. of Coordination S...
ATA-SD-RES-1110	Review & Approval of Coordination Shop drawing for Al Atatrah Reservoir	21.00d	19-Apr-16	22-May-16	█																																				Review & Approval of Coordinat...
ATA-SD-RES-1140	Preparation and Submission of Float Indicator Location & Details shop Drawing for Al Atatrah Reservoir	10.00d	19-Apr-16	04-May-16	█																																				Preparation and Submission of ...
ATA-SD-RES-1170	Review & Approval of Piping Plan & Sections shop Drawing for Al Atatrah Reservoir	21.00d	24-Feb-16 A	19-Apr-16	█																																				Review & Approval of Piping Pl...
<b>Shop drawing submittals for Al Atatrah Disinfection Building</b>					▼																																				16-May-16, Shop drawing submitt...
ATA-SD-DIS-1000	Preparation and Submission of Structural Shopdrawing for Al Atatrah Disinfection Building	5.00d	02-Apr-16	06-Apr-16	█																																				Preparation and Submission of ...
ATA-SD-DIS-1010	Review & Approval of Structural Shopdrawing for Al Atatrah Disinfection Building	21.00d	07-Apr-16	10-May-16	█																																				Review & Approval of Structura...
ATA-SD-DIS-1030	Review & Approval of Mechanical - Plumping shopdrawing for Al Atatrah Disinfection Building	21.00d	10-Feb-16 A	28-Apr-16	█																																				Review & Approval of Mechanica...
ATA-SD-DIS-1050	Review & Approval of Electrical shopdrawing for Al Atatrah Disinfection Building	21.00d	08-Mar-16 A	28-Apr-16	█																																				Review & Approval of Electrica...
ATA-SD-DIS-1100	Preparation and Submission of Excavation Plan shop Drawing for Al Atatrah Disinfection Building	5.00d	07-Apr-16	12-Apr-16	█																																				Preparation and Submission of ...
ATA-SD-DIS-1110	Review & Approval of Excavation Plan shop Drawing for Al Atatrah Disinfection Building	21.00d	13-Apr-16	16-May-16	█																																				Review & Approval of Excavatio...
<b>Shop drawing submittals for Al Atatrah Booster Pump Station</b>					▼																																				31-May-16, Shop drawing submitt...
ATA-SD-BP-0950	Preparation and Submission of Survey Grid Points for Al Atatrah Booster Pump Station (Survey Plan)	9.00d	02-Apr-16	11-Apr-16	█																																				Preparation and Submission of ...
ATA-SD-BP-0955	Review & Approval of Survey Grid Points for Al Atatrah Booster Pump Station (Survey Plan)	21.00d	12-Apr-16	15-May-16	█																																				Review & Approval of Survey Gr...
ATA-SD-BP-1000	Preparation and Submission of Structural & Architectural Shopdrawing for Al Atatrah Booster Pump Station	5.00d	02-Apr-16	06-Apr-16	█																																				Preparation and Submission of ...
ATA-SD-BP-1010	Review & Approval of Structural & Architectural Shopdrawing for Al Atatrah Booster Pump Station	21.00d	07-Apr-16	10-May-16	█																																				Review & Approval of Structura...
ATA-SD-BP-1020	Prep. & Sub. of Mechanical shopdrawing for Al Atatrah Booster Pump Station	9.00d	07-Apr-16	17-Apr-16	█																																				Prep. & Sub. of Mechanical sho...
ATA-SD-BP-1030	Review & Approval of Mechanical shopdrawing for Al Atatrah Booster Pump Station	21.00d	18-Apr-16	19-May-16	█																																				Review & Approval of Mechanica...
ATA-SD-BP-1040	Prep. & Sub. of Electrical shopdrawing for Al Atatrah Booster Pump Station	9.00d	18-Apr-16	27-Apr-16	█																																				Prep. & Sub. of Electrical sho...
ATA-SD-BP-1050	Review & Approval of Electrical shopdrawing for Al Atatrah Booster Pump Station	21.00d	28-Apr-16	31-May-16	█																																				Review & Approval of Electrica...
<b>Shop drawing submittals for Al Atatrah Electrical and Control Building</b>					▼																																				10-May-16, Shop drawing submitt...
ATA-SD-ECB-1040	Preparation and Submission of Structural & Architectural Shopdrawing for Al Atatrah Electrical and Control Building	5.00d	02-Apr-16	06-Apr-16	█																																				Preparation and Submission of ...
ATA-SD-ECB-1050	Review & Approval of Structural & Architectural Shopdrawing for Al Atatrah Electrical and Control Building	21.00d	07-Apr-16	10-May-16	█																																				Review & Approval of Structura...
ATA-SD-ECB-1070	Review & Approval of HVAC-Plumbing shopdrawing for Al Atatrah Electrical and Control Building	21.00d	17-Mar-16 A	25-Apr-16	█																																				Review & Approval of HVAC-Plum...
ATA-SD-ECB-1090	Review & Approval of Electrical shopdrawing for Al Atatrah Electrical and Control Building	21.00d	20-Mar-16 A	28-Apr-16	█																																				Review & Approval of Electrica...
<b>Shop drawing submittals for Al Atatrah Guard House</b>					▼																																				22-May-16, Shop drawing submitt...
ATA-SD-GH-1040	Preparation and Submission of Structural & Architectural Shopdrawing for Al Atatrah Guard House	15.00d	02-Apr-16	18-Apr-16	█																																				Preparation and Submission of ...
ATA-SD-GH-1050	Review & Approval of Structural & Architectural Shopdrawing for Al Atatrah Guard House	21.00d	19-Apr-16	22-May-16	█																																				Review & Approval of Structura...
ATA-SD-GH-1070	Review & Approval of HVAC-Plumbing shopdrawing for Al Atatrah Guard House	21.00d	17-Mar-16 A	25-Apr-16	█																																				Review & Approval of HVAC-Plum...
ATA-SD-GH-1080	Prep. & Sub. of Electrical shopdrawing for Al Atatrah Guard House	9.00d	20-Jan-16 A	06-Apr-16	█																																				Prep. & Sub. of Electrical sho...
ATA-SD-GH-1090	Review & Approval of Electrical shopdrawing for Al Atatrah Guard House	21.00d	22-Feb-16 A	21-Apr-16	█																																				Review & Approval of Electrica...

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











**TO 15-08 GAZI - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package I**

02-Apr-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
<b>Retaining Walls</b>					16-May-16, Retaining Walls																													
<b>Retaining Wall - North</b>					16-May-16, Retaining Wall - No...																													
E-ATA-RW-1000	Excavation for Foundation, Leveling, Compacting Subgrade Layer	10.00d	27-Mar-16 A	12-Apr-16	Excavation for Foundation, Lev...																													
E-ATA-RW-1005	Casting lean concrete (blinding 100mm)	3.00d	13-Apr-16	16-Apr-16	Casting lean concrete (blindin...																													
E-ATA-RW-1010	Form/Steel Rebars for Foundation	8.00d	17-Apr-16	25-Apr-16	Form/Steel Rebars for Foundati...																													
E-ATA-RW-1030	Cast in Concrete for Foundation	1.00d	26-Apr-16	26-Apr-16	Cast in Concrete for Foundatio...																													
E-ATA-RW-1040	Concrete Curing for foundation	7.00d	27-Apr-16	08-May-16	Concrete Curing for foundation																													
E-ATA-RW-1050	Form/Steel Rebars for the Retaning Walls	14.00d	27-Apr-16	16-May-16	Form/Steel Rebars for the Reta...																													
<b>Retaining Wall - East</b>					30-Apr-16, Retaining Wall - Ea...																													
E-ATA-RW-1020	Excavation for Foundation, Leveling, Compacting Subgrade Layer	10.00d	13-Apr-16	24-Apr-16	Excavation for Foundation, Lev...																													
E-ATA-RW-1025	Casting lean concrete (blinding 100mm)	3.00d	27-Apr-16	30-Apr-16	Casting lean concrete (blindin...																													
<b>Retaining Wall - South</b>					08-May-16, Retaining Wall - So...																													
E-ATA-RW-1090	Excavation for Foundation, Leveling, Compacting Subgrade Layer	9.00d	25-Apr-16	08-May-16	Excavation for Foundation, Lev...																													
<b>Retaining Wall - West</b>					12-Apr-16, Retaining Wall - We...																													
E-ATA-RW-1240	Excavation for Foundation, Leveling, Compacting Subgrade Layer	10.00d	27-Mar-16 A	12-Apr-16	Excavation for Foundation, Lev...																													
<b>Al Atatrah Reservoir - Construction of new 3,800 m3</b>					07-May-16, Al Atatrah Reservo...																													
<b>Earth Work</b>					07-May-16, Earth Work																													
E-ATA-RES-1000	Excavation for the base slab of the Reservoir	5.00d	27-Mar-16 A	04-Apr-16	Excavation for the base slab o...																													
E-ATA-RES-1020	Furnishing, leveling, and compacting of selected backfill	14.00d	04-Apr-16	20-Apr-16	Furnishing, leveling, and comp...																													
E-ATA-RES-1040	Excavation and installation of Sugrade piping (Perforated, Outlet & Washout) including Concree encasement	6.00d	20-Apr-16	27-Apr-16	Excavation and installation of...																													
E-ATA-RES-1050	Construction of Lean Concrete under Reservoir	5.00d	27-Apr-16	07-May-16	Construction of Lean Concrete ...																													
<b>Finishing Work</b>					28-Apr-16, Finishing Work																													
<b>Project 2, Construction of Nuseirat Reservoir and Pumping Facilities:</b>					17-Jun-17, Project 2, Construc...																													
<b>Construction of Nuseirat Facilities</b>					17-Jun-17, Construction of Nus...																													
<b>Traffic Control Plan and Safety measures</b>					17-Jun-17, Traffic Control Pla...																													
E-NUS-7585	Implementation of Safety measures and Traffic Control Plan for Nuseirat Facilities	2.00d	02-Apr-16	03-Apr-16	Implementation of Safety measu...																													
E-NUS-7595	Maintain of Traffic Control Plan and Safety measures for Nuseirat Facilities	329.50d	04-Apr-16	17-Jun-17	Maintain of Traffic Control Pl...																													
<b>Nuseirat Booster Station</b>					05-May-16, Nuseirat Booster St...																													
E-NUS-4330	Demolition, removal, clear and grub site	5.00d	27-Apr-16	05-May-16	Demolition, removal, clear and...																													
<b>Retaining Walls</b>					05-Apr-16, Retaining Walls																													
<b>Retaining Wall - East</b>					05-Apr-16, Retaining Wall - Ea...																													
E-NUS-RW-1010	Excavation for Foundation, Leveling, Compacting Subgrade Layer	4.00d	27-Mar-16 A	05-Apr-16	Excavation for Foundation, Lev...																													
<b>Nuseirat Reservoir - Construction of new 3,800 m3</b>					28-Apr-16, Nuseirat Reservoir ...																													
<b>Earth Work</b>					28-Apr-16, Earth Work																													
E-NUS-RES-1000	Demolition, Site Cleaning & Grubbing	1.00d	04-Apr-16	04-Apr-16	Demolition, Site Cleaning & Gr...																													
E-NUS-RES-1010	Excavation for the base slab of the Reservoir	2.00d	27-Apr-16	28-Apr-16	Excavation for the base slab o...																													

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

# **Annex E - Inspection Request Log**



**Inspection Requests Log:**

**Project 1 (ATA)**

**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-15-00008**



**Al Atatrah IRs LOG**

No.	IR Number	REV	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
1	IR-15-00008-ATA-001-A	A	Al Atatrah temporary signs	December 29, 2015	December 29, 2015	A		
2	IR-15-00008-ATA-002-A	A	Engineer's Primary Field Offices furniture	December 30, 2015	December 30, 2015	A		
3	IR-15-00008-ATA-003-A	A	Engineer's Computer Systems & Miscellaneous	January 3, 2016	January 4, 2016	C		
4	IR-15-00008-ATA-003-B	B	Engineer's Computer Systems & Miscellaneous	January 18, 2016	January 18, 2016	A		
5	IR-15-00008-ATA-004-A	A	Demolition for Al Atatrah existing elevated tank	January 31, 2016	February 1, 2016	A		
6	IR-15-00008-ATA-005-A	A	Reservoir Drain Pipe & Fittings	March 27, 2016	March 28, 2016	A		
7	IR-15-00008-ATA-006-A	A	Safety arrangement prior to start excavation works for Al Atatrah Retaining Walls	March 27, 2016	March 28, 2016	A		
8	IR-15-00008-ATA-007-A	A	Safety arrangement prior to start excavation works for Al Atatrah Reservoir	March 29, 2016	March 29, 2016	A		
9	IR-15-00008-ATA-008-A	A	Excavation reduced level at Al Atatrah retaining wall from point 5 to 8.16 m eastward and from point 5 to 8 m southward, Section A.1.7/SH-12	March 29, 2016	March 29, 2016	A		

- A No Exceptions Noted
- B Make Corrections Noted
- C Amend - Resubmit
- D Rejected - Resubmit



**Inspection Requests Log:**

**Project 2 (NUS)**

**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-15-00008**



**Nuseirat IRs LOG**

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
1	IR-15-00008-NUS-001-A	A	Nuseirat temporary signs	December 29, 2015	December 29, 2015	A		
2	IR-15-00008-NUS-002-A	A	Engineer's Secondary Field Offices furniture	December 30, 2015	December 30, 2015	A		
3	IR-15-00008-NUS-003-A	A	Engineer's Computer Systems & Miscellaneous	January 3, 2016	January 4, 2016	C		
4	IR-15-00008-NUS-003-B	B	Engineer's Computer Systems & Miscellaneous	January 18, 2016	January 18, 2016	A		
5	IR-15-00008-NUS-004-A	A	Storage Yard	January 3, 2016	January 4, 2016	A		
6	IR-15-00008-NUS-005-A	A	Reservoir Drain Pipe & Fittings	March 27, 2016	March 28, 2016	A		
7	IR-15-00008-NUS-006-A	A	Safety arrangement prior to start excavation works for Nuseirat Retaining Walls.	March 27, 2016	March 28, 2016	A		
8	IR-15-00008-NUS-007-A	A	Excavation reduced level at Nuseirat retaining wall from segment 3 to segment 4	March 29, 2016	March 29, 2016	A		

- A No Exceptions Noted
- B Make Corrections Noted
- C Amend - Resubmit
- D Rejected - Resubmit

## **Annex F - Submittal 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-15-00008**


**SUBMITTALS LOG**

No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive by B&V	Return to Morganti	Status
1	SUB-15-00008-GAZI-001-A	A	Bank Guarantee Certificate	Pre-Construction	November 11, 2015	November 16, 2015	November 23, 2015	E
2	SUB-15-00008-GAZI-002-A	A	Scheduling Qualification Submittal	Pre-Construction	November 11, 2015	November 16, 2015	November 23, 2015	A
3	SUB-15-00008-GAZI-003-A	A	Temporary Project Signs	Pre-Construction	November 11, 2015	November 16, 2015	November 30, 2015	B
4	SUB-15-00008-GAZI-003-B	B	Temporary Project Signs	Pre-Construction	February 21, 2016	February 21, 2016	February 23, 2016	A
5	SUB-15-00008-GAZI-004-A	A	Engineers Primary Field Office	Pre-Construction	November 11, 2015	November 16, 2015	November 30, 2015	D
6	SUB-15-00008-GAZI-004-B	B	Engineers Primary Field Office	Pre-Construction	December 14, 2015	December 15, 2015	December 23, 2015	B
7	SUB-15-00008-GAZI-004-C	C	Engineers Primary Field Office	Pre-Construction	February 21, 2016	February 21, 2016	February 23, 2016	A
8	SUB-15-00008-GAZI-005-A	A	Engineers Computer Systems & Miscellaneous	Pre-Construction	November 16, 2015	November 16, 2015	November 23, 2015	C
9	SUB-15-00008-GAZI-005-B	B	Engineers Computer Systems & Miscellaneous	Pre-Construction	December 2, 2015	December 6, 2015	December 15, 2015	B
10	SUB-15-00008-GAZI-005-C	C	Engineers Computer Systems & Miscellaneous	Pre-Construction	February 21, 2016	February 21, 2016	February 23, 2016	A
11	SUB-15-00008-GAZI-006-A	A	List of permits & licenses	Pre-Construction	November 16, 2015	November 16, 2015	November 23, 2015	C
12	SUB-15-00008-GAZI-006-B	B	List of permits & Licenses	Pre-Construction	December 16, 2015	December 17, 2015	December 28, 2015	A
13	SUB-15-00008-GAZI-007-A	A	Environmental Monitoring & Mitigation Plan	Pre-Construction	November 19, 2015	November 22, 2015	December 1, 2015	C
14	SUB-15-00008-GAZI-007-B	B	Environmental Monitoring & Mitigation Plan	Pre-Construction	December 13, 2015	December 13, 2015	December 16, 2015	B
15	SUB-15-00008-GAZI-008-A	A	Preliminary Progress Schedule Submittal (60 Day Plan of Operation)	Pre-Construction	November 19, 2015	November 22, 2015	December 8, 2015	B
16	SUB-15-00008-GAZI-009-A	A	Engineer's Primary & Secondary Field Offices furniture	Pre-Construction	November 19, 2015	November 22, 2015	November 23, 2015	B
17	SUB-15-00008-GAZI-009-B	B	Engineer's Primary & Secondary Field Offices furniture	Pre-Construction	February 21, 2016	February 21, 2016	February 23, 2016	A
18	SUB-15-00008-GAZI-010-A	A	Storage Yard	Pre-Construction	November 19, 2015	November 22, 2015	December 6, 2015	C
19	SUB-15-00008-GAZI-010-B	B	Storage Yard	Pre-Construction	December 7, 2015	December 7, 2015	December 14, 2015	A
20	SUB-15-00008-GAZI-010-C	C	Storage Yard	Pre-Construction	January 6, 2016	January 7, 2016	January 13, 2016	A
21	SUB-15-00008-GAZI-011-A	A	Engineer's Secondary Field Office	Pre-Construction	November 19, 2015	November 22, 2015	November 30, 2015	B



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No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive by B&V	Return to Morganti	Status
22	SUB-15-00008-GAZI-011-B	B	Engineer's Secondary Field Office	Pre-Construction	February 21, 2016	February 21, 2016	February 23, 2016	A
23	SUB-15-00008-GAZI-012-A	A	General Construction Method Statement	Pre-Construction	November 21, 2015	November 22, 2015	December 17, 2015	C
24	SUB-15-00008-GAZI-012-B	B	General Construction Method Statement	Pre-Construction	December 26, 2015	December 27, 2015	January 27, 2016	B
25	SUB-15-00008-ATA-013-A	A	Dilapidation Survey for AL1 (Distribution line from St.1+000 to 1+980 at AL Atatrah)	Pre-Construction	November 21, 2015	November 22, 2015	December 8, 2015	B
26	SUB-15-00008-ATA-013-B	B	Dilapidation Survey for AL1 (Distribution line from St.1+000 to 1+980 at AL Atatrah)	Pre-Construction	February 16, 2016	February 16, 2016	February 23, 2016	A
27	SUB-15-00008-GAZI-014-A	A	Shop Drawings Frame	Shop Drawings	November 26, 2015	November 26, 2015	November 30, 2015	A
28	SUB-15-00008-NUS-015-A	A	Nuseirat Temporary Project Signs Location	Pre-Construction	November 26, 2015	November 26, 2015	December 2, 2015	B
29	SUB-15-00008-NUS-015-B	B	Nuseirat Temporary Project Signs Location	Pre-Construction	February 21, 2016	February 21, 2016	February 23, 2016	A
30	SUB-15-00008-GAZI-016-A	A	Project's Insurance Policies	Pre-Construction	November 28, 2015	November 29, 2015	December 8, 2015	E
31	SUB-15-00008-GAZI-017-A	A	Third Party Testing Labs	Pre-Construction	November 29, 2015	November 30, 2015	December 8, 2015	C
32	SUB-15-00008-GAZI-017-B	B	Third Party Testing Labs	Pre-Construction	December 23, 2015	December 27, 2015	January 7, 2016	A
33	SUB-15-00008-GAZI-018-A	A	PVC Pipes & Fittings	Materials	December 3, 2015	December 6, 2015	December 28, 2015	C
34	SUB-15-00008-GAZI-018-B	B	PVC Pipes & Fittings	Materials	January 14, 2016	January 14, 2016	January 27, 2016	B
35	SUB-15-00008-GAZI-018-C	C	PVC Pipes & Fittings	Materials	February 11, 2016	February 11, 2016	February 25, 2016	A
36	SUB-15-00008-GAZI-019-A	A	PVC Water Stop Product Name: Supercast watafoil Manufacturer: FOSROC	Materials	December 3, 2015	December 6, 2015	December 14, 2015	B
37	SUB-15-00008-GAZI-019-B	B	PVC Water Stop Product Name: Supercast watafoil Manufacturer: FOSROC	Materials	March 16, 2016	March 16, 2016	March 17, 2016	A
38	SUB-15-00008-GAZI-020-A	A	Expandable Water Stop Product Name: Supercast SW10 Manufacturer: FOSROC	Materials	December 3, 2015	December 6, 2015	December 15, 2015	B
39	SUB-15-00008-GAZI-020-B	B	Expandable Water Stop Product Name: Supercast SW10 Manufacturer: FOSROC	Materials	March 16, 2016	March 16, 2016	March 17, 2016	A
40	SUB-15-00008-GAZI-021-A	A	Stainless Steel Spool	Materials	December 3, 2015	December 6, 2015	December 14, 2015	C
41	SUB-15-00008-GAZI-021-B	B	Stainless Steel Spool	Materials	January 3, 2016	January 3, 2016	January 18, 2016	C



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No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive by B&V	Return to Morganti	Status
42	SUB-15-00008-GAZI-021-C	C	Stainless Steel Spool	Materials	January 23, 2016	January 24, 2016	February 3, 2016	A
43	SUB-15-00008-GAZI-022-A	A	Perforated Pipe Product Name: Super Kiz Manufacturer: Eliyahou Plastic Ltd.	Materials	December 3, 2015	December 6, 2015	December 16, 2015	B
44	SUB-15-00008-GAZI-022-B	B	Perforated Pipe Product Name: Super Kiz Manufacturer: Eliyahou Plastic Ltd.	Materials	March 16, 2016	March 16, 2016	March 22, 2016	A
45	SUB-15-00008-ATA-023-A	A	Al Atatrah Temporary Project Signs Location	Pre-Construction	December 6, 2015	December 7, 2015	December 14, 2015	A
46	SUB-15-00008-ATA-024-A	A	Al Atatrah Survey Grid & Contour Lines	Shop Drawings	December 6, 2015	December 7, 2015	December 29, 2015	A
47	SUB-15-00008-NUS-025-A	A	Nuseirat Survey Grid & Contour Lines	Shop Drawings	December 6, 2015	December 7, 2015	December 28, 2015	A
48	SUB-15-00008-ATA-026-A	A	Dilapidation Survey for AL2, AL S1, AL S2 & AL S3	Pre-Construction	December 10, 2015	December 10, 2015	December 23, 2015	A
49	SUB-15-00008-GAZI-027-A	A	Dumping Site	Pre-Construction	December 10, 2015	December 10, 2015	December 15, 2015	A
50	SUB-15-00008-GAZI-028-A	A	Ready Mix Concrete Batching Plant the Arab Contracting & Concrete Industries Co. (ACCI)	Pre-Construction	December 10, 2015	December 10, 2015	December 23, 2015	E
51	SUB-15-00008-GAZI-029-A	A	Grounding system materials: • Grounding cable (PAMUKKALE KABLO). • Grounding Materials Datasheets (YAKIR Industries Ltd).	Materials	December 10, 2015	December 10, 2015	December 25, 2015	B
52	SUB-15-00008-GAZI-029-B	B	Grounding system materials: • Grounding cable (PAMUKKALE KABLO). • Grounding Materials Datasheets (YAKIR Industries Ltd).	Materials	February 9, 2016	February 9, 2016	February 16, 2016	A
53	SUB-15-00008-GAZI-030-A	A	Cement Supplier: Sanad Construction Industries	Pre-Construction	December 10, 2015	December 10, 2015	December 15, 2015	E
54	SUB-15-00008-GAZI-031-A	A	Reinforcement Steel Manufactures (Data Sheet Turkish Products)	Materials	December 13, 2015	December 13, 2015	December 15, 2015	E
55	SUB-15-00008-GAZI-032-A	A	EUROSTOP Butterfly Valve Manufacture: PAM SAINT-GOBAIN	Materials	December 13, 2015	December 13, 2015	December 21, 2015	C
56	SUB-15-00008-GAZI-032-B	B	EUROSTOP Butterfly Valve Manufacture: PAM SAINT-GOBAIN	Materials	January 3, 2016	January 3, 2016	January 24, 2016	C



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No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive by B&V	Return to Morganti	Status
57	SUB-15-00008-GAZI-032-C	C	EUROSTOP Butterfly Valve Manufacture: PAM SAINT-GOBAIN	Materials	February 2, 2016	February 2, 2016	February 17, 2016	C
58	SUB-15-00008-GAZI-032-D	D	EUROSTOP Butterfly Valve Manufacture: PAM SAINT-GOBAIN	Materials	February 24, 2016	February 24, 2016	February 29, 2016	A
59	SUB-15-00008-GAZI-033-A	A	Main Distribution Board	Materials	December 13, 2015	December 13, 2015	December 25, 2015	C
60	SUB-15-00008-GAZI-033-B	B	Main Distribution Board	Materials	January 28, 2016	January 28, 2016	February 15, 2016	A
61	SUB-15-00008-GAZI-034-A	A	SBD Distribution Board & Load Schedule	Materials	December 13, 2015	December 13, 2015	December 29, 2015	C
62	SUB-15-00008-GAZI-034-B	B	SBD Distribution Board & Load Schedule	Materials	January 23, 2016	January 24, 2016	February 15, 2016	C
63	SUB-15-00008-GAZI-034-C	C	SBD Distribution Board & Load Schedule	Materials	February 21, 2016	February 21, 2016	February 23, 2016	A
64	SUB-15-00008-GAZI-035-A	A	Cable Ladder	Materials	December 13, 2015	December 13, 2015	December 25, 2015	B
65	SUB-15-00008-GAZI-035-B	B	Cable Ladder	Materials	February 9, 2016	February 9, 2016	February 17, 2016	A
66	SUB-15-00008-GAZI-036-A	A	Cable Lugs	Materials	December 13, 2015	December 13, 2015	December 25, 2015	B
67	SUB-15-00008-GAZI-036-B	B	Cable Lugs	Materials	February 9, 2016	February 9, 2016	February 17, 2016	A
68	SUB-15-00008-GAZI-037-A	A	Colored PVC Pipes	Materials	December 13, 2015	December 13, 2015	December 25, 2015	C
69	SUB-15-00008-GAZI-037-B	B	Colored PVC Pipes	Materials	February 7, 2016	February 7, 2016	February 17, 2016	A
70	SUB-15-00008-GAZI-038-A	A	Warning Tape	Materials	December 13, 2015	December 13, 2015	December 25, 2015	C
71	SUB-15-00008-GAZI-038-B	B	Warning Tape	Materials	February 2, 2016	February 2, 2016	February 23, 2016	A
72	SUB-15-00008-GAZI-039-A	A	Flexible Conduit	Materials	December 13, 2015	December 13, 2015	December 25, 2015	B
73	SUB-15-00008-GAZI-039-B	B	Flexible Conduit	Materials	February 9, 2016	February 9, 2016	February 17, 2016	A
74	SUB-15-00008-GAZI-040-A	A	Disconnect Switch	Materials	December 14, 2015	December 15, 2015	December 25, 2015	B
75	SUB-15-00008-GAZI-040-B	B	Disconnect Switch	Materials	February 9, 2016	February 9, 2016	February 17, 2016	A
76	SUB-15-00008-GAZI-041-A	A	Disconnect Switch for Pumps	Materials	December 14, 2015	December 15, 2015	December 25, 2015	B
77	SUB-15-00008-GAZI-041-B	B	Disconnect Switch for Pumps	Materials	February 9, 2016	February 9, 2016	February 17, 2016	A
78	SUB-15-00008-GAZI-042-A	A	Cable Glands	Materials	December 14, 2015	December 15, 2015	December 25, 2015	A
79	SUB-15-00008-GAZI-043-A	A	Metal Box	Materials	December 14, 2015	December 15, 2015	December 25, 2015	B
80	SUB-15-00008-GAZI-043-B	B	Metal Box	Materials	February 9, 2016	February 9, 2016	February 25, 2016	A
81	SUB-15-00008-GAZI-044-A	A	Power Cable	Materials	December 14, 2015	December 15, 2015	December 25, 2015	B
82	SUB-15-00008-GAZI-044-B	B	Power Cable	Materials	February 9, 2016	February 9, 2016	February 17, 2016	A
83	SUB-15-00008-GAZI-045-A	A	PVC Fittings (Electrical)	Materials	December 14, 2015	December 15, 2015	December 25, 2015	C
84	SUB-15-00008-GAZI-045-B	B	PVC Fittings (Electrical)	Materials	January 28, 2016	January 28, 2016	February 7, 2016	A
85	SUB-15-00008-GAZI-046-A	A	PVC Pipe (Electrical)	Materials	December 14, 2015	December 15, 2015	December 25, 2015	B
86	SUB-15-00008-GAZI-046-B	B	PVC Pipe (Electrical)	Materials	February 9, 2016	February 9, 2016	February 17, 2016	A
87	SUB-15-00008-GAZI-047-A	A	Solvent Cement for PVC Systems	Materials	December 14, 2015	December 15, 2015	December 28, 2015	A



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No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive by B&V	Return to Morganti	Status
88	SUB-15-00008-GAZI-048-A	A	Receptacles and Switches	Materials	December 14, 2015	December 15, 2015	December 25, 2015	C
89	SUB-15-00008-GAZI-048-B	B	Receptacles and Switches	Materials	February 7, 2016	February 7, 2016	February 23, 2016	C
90	SUB-15-00008-GAZI-048-C	C	Receptacles and Switches	Materials	February 24, 2016	February 24, 2016	March 14, 2016	B
91	SUB-15-00008-GAZI-049-A	A	Gate Valves: • Manufacture by: Fucoli Somepal. & Gear Boxes: • Manufacture by: Master Gear.	Materials	December 14, 2015	December 15, 2015	December 25, 2015	C
92	SUB-15-00008-GAZI-049-B	B	Gate Valves: • Manufacture by: Fucoli Somepal. & Gear Boxes: • Manufacture by: Master Gear.	Materials	January 3, 2016	January 3, 2016	January 24, 2016	C
93	SUB-15-00008-GAZI-049-C	C	Gate Valves: • Manufacture by: Fucoli Somepal. & Gear Boxes: • Manufacture by: Master Gear.	Materials	January 28, 2016	January 28, 2016	February 14, 2016	A
94	SUB-15-00008-GAZI-050-A	A	Conduits for Electrical works (Galvanized Steel Pipes)	Materials	December 14, 2015	December 15, 2015	January 5, 2016	A
95	SUB-15-00008-GAZI-051-A	A	External Hot Galvanized Steel Light Poles	Materials	December 14, 2015	December 15, 2015	January 3, 2016	C
96	SUB-15-00008-GAZI-051-B	B	External Hot Galvanized Steel Light Poles	Materials	January 23, 2016	January 24, 2016	February 3, 2016	A
97	SUB-15-00008-NUS-052-A	A	Nuseirat Diesel Generator (300KW) Manufacturer: FG WILSON	Materials	December 14, 2015	December 15, 2015	January 3, 2016	C
98	SUB-15-00008-NUS-052-B	B	Nuseirat Diesel Generator (300KW) Manufacturer: FG WILSON	Materials	January 17, 2016	January 18, 2016	January 31, 2016	C
99	SUB-15-00008-NUS-052-C	C	Nuseirat Diesel Generator (300KW) Manufacturer: FG WILSON	Materials	February 10, 2016	February 10, 2016	February 25, 2016	C
100	SUB-15-00008-NUS-052-D	D	Nuseirat Diesel Generator (300KW) Manufacturer: FG WILSON	Materials	March 27, 2016	March 27, 2016		Under Review
101	SUB-15-00008-ATA-053-A	A	Al Atatrah Diesel Generator (250 KW) Manufacturer: FG WILSON	Materials	December 14, 2015	December 15, 2015	December 28, 2015	C
102	SUB-15-00008-ATA-053-B	B	Al Atatrah Diesel Generator (250 KW) Manufacturer: FG WILSON	Materials	January 18, 2016	January 18, 2016	January 31, 2016	C



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No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive by B&V	Return to Morganti	Status
103	SUB-15-00008-ATA-053-C	C	Al Atatrah Diesel Generator (250 KW) Manufacturer: FG WILSON	Materials	February 10, 2016	February 10, 2016	February 25, 2016	C
104	SUB-15-00008-ATA-053-D	D	Al Atatrah Diesel Generator (250 KW) Manufacturer: FG WILSON	Materials	March 27, 2016	March 27, 2016		Under Review
105	SUB-15-00008-GAZI-054-A	A	Construction Risk Management Program (CRMP)	Pre-Construction	December 15, 2015	December 16, 2015	December 29, 2015	C
106	SUB-15-00008-GAZI-054-B	B	Construction Risk Management Program (CRMP)	Pre-Construction	February 7, 2016	February 7, 2016	February 11, 2016	A
107	SUB-15-00008-GAZI-055-A	A	Lighting Fixtures	Materials	December 15, 2015	December 16, 2015	January 4, 2016	B
108	SUB-15-00008-GAZI-055-B	B	Lighting Fixtures	Materials	February 9, 2016	February 9, 2016	February 17, 2016	A
109	SUB-15-00008-GAZI-056-A	A	1" & 2" Combination Air Valves	Materials	December 15, 2015	December 16, 2015	January 11, 2016	C
110	SUB-15-00008-GAZI-056-B	B	1" & 2" Combination Air Valves	Materials	January 27, 2016	January 27, 2016	January 28, 2016	A
111	SUB-15-00008-GAZI-057-A	A	3" & 4" Combination Air Valves	Materials	December 15, 2015	December 16, 2015	January 11, 2016	C
112	SUB-15-00008-GAZI-057-B	B	3" & 4" Combination Air Valves	Materials	January 27, 2016	January 27, 2016	February 11, 2016	A
113	SUB-15-00008-GAZI-058-A	A	Ball Valves DN50 & Smaller	Materials	December 15, 2015	December 16, 2015	December 30, 2015	B
114	SUB-15-00008-GAZI-058-B	B	Ball Valves DN50 & Smaller	Materials	February 11, 2016	February 11, 2016	February 23, 2016	A
115	SUB-15-00008-GAZI-059-A	A	Electromagnetic Flow Meter	Materials	December 15, 2015	December 16, 2015	January 11, 2016	C
116	SUB-15-00008-GAZI-060-A	A	Pressure Level Transmitters	Materials	December 15, 2015	December 16, 2015	January 7, 2016	C
117	SUB-15-00008-GAZI-060-B	B	Pressure Level Transmitters	Materials	February 24, 2016	February 24, 2016	March 7, 2016	B
118	SUB-15-00008-NUS-061-A	A	Dilapidation Survey for Nuseirat Reservoir / Pumping Facilities Yard & Pipelines	Pre-Construction	December 16, 2015	December 17, 2015	December 25, 2015	A
119	SUB-15-00008-ATA-062-A	A	Dilapidation Survey for Al Atatrah Reservoir / Pumping Facilities Yard	Pre-Construction	December 16, 2015	December 17, 2015	December 23, 2015	A
120	SUB-15-00008-GAZI-063-A	A	Submittals Schedule	Pre-Construction	December 20, 2015	December 20, 2015	January 3, 2016	B
121	SUB-15-00008-GAZI-064-A	A	Quality Control Program (QCP)	Pre-Construction	December 20, 2015	December 20, 2015	January 17, 2016	C
122	SUB-15-00008-GAZI-064-B	B	Quality Control Program (QCP)	Pre-Construction	January 26, 2016	January 26, 2016	February 15, 2016	B
123	SUB-15-00008-GAZI-065-A	A	Safety Plan	Pre-Construction	December 20, 2015	December 20, 2015	January 11, 2016	C
124	SUB-15-00008-GAZI-065-B	B	Safety Plan	Pre-Construction	January 16, 2016	January 18, 2016	January 31, 2016	A
125	SUB-15-00008-ATA-066-A	A	Al Atatrah Traffic Plan	Pre-Construction	December 20, 2015	December 20, 2015	January 11, 2016	C
126	SUB-15-00008-ATA-066-B	B	Al Atatrah Traffic Plan	Pre-Construction	February 4, 2016	February 4, 2016	February 11, 2016	A
127	SUB-15-00008-NUS-067-A	A	Nuseirat Traffic Plan	Pre-Construction	December 20, 2015	December 20, 2015	January 11, 2016	C
128	SUB-15-00008-NUS-067-B	B	Nuseirat Traffic Plan	Pre-Construction	February 7, 2016	February 7, 2016	February 11, 2016	A



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129	SUB-15-00008-GAZI-068-A	A	Ready Mix Concrete Batching Plant ( Al-Taawn Company for ready mix concrete )	Other	December 20, 2015	December 20, 2015	December 25, 2015	E
130	SUB-15-00008-GAZI-069-A	A	Back Flow Preventer	Materials	December 20, 2015	December 20, 2015	January 3, 2016	A
131	SUB-15-00008-GAZI-070-A	A	PVC Box (Electrical)	Materials	December 20, 2015	December 20, 2015	January 3, 2016	A
132	SUB-15-00008-GAZI-071-A	A	Float Level Switch	Materials	December 20, 2015	December 20, 2015	January 3, 2016	A
133	SUB-15-00008-GAZI-072-A	A	Flow Switch	Materials	December 20, 2015	December 20, 2015	January 3, 2016	B
134	SUB-15-00008-GAZI-072-B	B	Flow Switch	Materials	February 11, 2016	February 11, 2016	February 23, 2016	A
135	SUB-15-00008-GAZI-073-A	A	Pipe Expansion Joint-Mechanical	Materials	December 20, 2015	December 20, 2015	January 11, 2016	C
136	SUB-15-00008-GAZI-073-B	B	Pipe Expansion Joint-Mechanical	Materials	January 20, 2016	January 20, 2016	January 31, 2016	A
137	SUB-15-00008-GAZI-074-A	A	Key Personnel	Pre-Construction	December 20, 2015	December 20, 2015	December 25, 2015	E
138	SUB-15-00008-GAZI-075-A	A	Data cable – CAT 6A	Materials	December 22, 2015	December 22, 2015	January 3, 2016	C
139	SUB-15-00008-GAZI-076-A	A	Installation Wire	Materials	December 22, 2015	December 22, 2015	January 3, 2016	A
140	SUB-15-00008-GAZI-077-A	A	Intrusion System	Materials	December 22, 2015	December 22, 2015	January 3, 2016	A
141	SUB-15-00008-GAZI-078-A	A	Fire Alarm System	Materials	December 22, 2015	December 22, 2015	January 3, 2016	C
142	SUB-15-00008-GAZI-078-B	B	Fire Alarm System	Materials	February 11, 2016	February 11, 2016	February 23, 2016	C
143	SUB-15-00008-GAZI-079-A	A	Control & Signal Cable	Materials	December 22, 2015	December 22, 2015	January 3, 2016	D
144	SUB-15-00008-GAZI-080-A	A	Flanged coupling adapters (PN16) For Ductile Iron Pipes	Materials	December 22, 2015	December 22, 2015	January 11, 2016	D
145	SUB-15-00008-GAZI-081-A	A	Flanged coupling adapters (PN16) For Steel Pipes	Materials	December 22, 2015	December 22, 2015	January 11, 2016	D
146	SUB-15-00008-GAZI-081-B	B	Flanged coupling adapters (PN16) For Steel Pipes	Materials	February 11, 2016	February 11, 2016	February 25, 2016	D
147	SUB-15-00008-GAZI-082-A	A	Pressure Gauges & Snubbers	Materials	December 22, 2015	December 22, 2015	January 11, 2016	C
148	SUB-15-00008-GAZI-082-B	B	Pressure Gauges & Snubbers	Materials	February 25, 2016	February 25, 2016	March 15, 2016	C
149	SUB-15-00008-GAZI-083-A	A	Strainer	Materials	December 22, 2015	December 22, 2015	January 3, 2016	C
150	SUB-15-00008-GAZI-083-B	B	Strainer	Materials	January 21, 2016	January 24, 2016	January 26, 2016	A
151	SUB-15-00008-ATA-084-A	A	Al Atatrah Grade 3800M3 Reservoir Shop Drawing / Structural & Architectural	Shop Drawings	December 22, 2015	December 22, 2015	January 11, 2016	C
152	SUB-15-00008-ATA-084-B	B	Al Atatrah Grade 3800M3 Reservoir Shop Drawing / Structural & Architectural	Shop Drawings	January 26, 2016	January 27, 2016	February 23, 2016	B
153	SUB-15-00008-ATA-084-C	C	Al Atatrah Grade 3800M3 Reservoir Shop Drawing / Structural & Architectural	Shop Drawings	March 14, 2016	March 14, 2016	March 23, 2016	A



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154	SUB-15-00008-GAZI-085-A	A	Submersible Grinder Pump with float	Materials	December 23, 2015	December 27, 2015	January 17, 2016	C
155	SUB-15-00008-GAZI-086-A	A	Flap Valve	Materials	December 23, 2015	December 27, 2015	January 3, 2016	B
156	SUB-15-00008-GAZI-086-B	B	Flap Valve	Materials	February 11, 2016	February 11, 2016	February 23, 2016	A
157	SUB-15-00008-NUS-087-A	A	Nuseirat Grade 3800M3 Reservoir Shop Drawing / Structural & Architectural	Shop Drawings	December 23, 2015	December 27, 2015	January 11, 2016	C
158	SUB-15-00008-NUS-087-B	B	Nuseirat Grade 3800M3 Reservoir Shop Drawing / Structural & Architectural	Shop Drawings	January 26, 2016	January 27, 2016	February 23, 2016	B
159	SUB-15-00008-NUS-087-C	C	Nuseirat Grade 3800M3 Reservoir Shop Drawing / Structural & Architectural	Shop Drawings	March 13, 2016	March 13, 2016	March 23, 2016	A
160	SUB-15-00008-GAZI-088-A	A	Plumping Fixtures	Materials	December 26, 2015	December 27, 2015	January 3, 2016	A
161	SUB-15-00008-GAZI-089-A	A	Disinfection System Instruments	Materials	December 26, 2015	December 27, 2015	January 17, 2016	C
162	SUB-15-00008-GAZI-089-B	B	Disinfection System Instruments	Materials	January 28, 2016	January 28, 2016	February 23, 2016	C
163	SUB-15-00008-GAZI-089-C	C	Disinfection System Instruments	Materials	March 24, 2016	March 24, 2016	March 29, 2016	C
164	SUB-15-00008-GAZI-089-D	D	Disinfection System Instruments	Materials	April 3, 2016	April 3, 2016		Under Review
165	SUB-15-00008-GAZI-090-A	A	Original CPM Schedule	Pre-Construction	December 26, 2015	December 27, 2015	January 24, 2016	C
166	SUB-15-00008-GAZI-090-B	B	Original CPM Schedule	Pre-Construction	February 29, 2016	February 29, 2016	March 21, 2016	C
167	SUB-15-00008-GAZI-091-A	A	Concrete mix design for Class B35 (Cylinder)	Pre-Construction	January 3, 2016	January 3, 2016	January 11, 2016	C
168	SUB-15-00008-GAZI-091-B	B	Concrete mix design for Class B35 (Cylinder)	Pre-Construction	February 16, 2016	February 16, 2016	February 23, 2016	E
169	SUB-15-00008-GAZI-092-A	A	Concrete Mix Design Class B20, B25, B30 & B35	Pre-Construction	January 3, 2016	January 3, 2016	January 17, 2016	C
170	SUB-15-00008-GAZI-092-B	B	Concrete Mix Design Class B20, B25, B30 & B35	Pre-Construction	March 10, 2016	March 10, 2016	March 16, 2016	E
171	SUB-15-00008-GAZI-093-A	A	Security Plan	Pre-Construction	January 5, 2016	January 5, 2016	January 11, 2016	C
172	SUB-15-00008-GAZI-093-B	B	Security Plan	Pre-Construction	January 16, 2016	January 18, 2016	January 21, 2016	E
173	SUB-15-00008-ATA-094-A	A	Demolition of Elevated Tank Method Statement at Al Atatrah	Pre-Construction	January 5, 2016	January 7, 2016	January 24, 2016	C
174	SUB-15-00008-ATA-094-B	B	Demolition of Elevated Tank Method Statement at Al Atatrah	Construction Method Statement	January 26, 2016	January 27, 2016	January 31, 2016	A
175	SUB-15-00008-GAZI-095-A	A	Subcontractor Profile (Saqqa and Khoudary Co. (SAK))	Pre-Construction	January 13, 2016	January 14, 2016	January 17, 2016	E



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176	SUB-15-00008-NUS-096-A	A	Nuseirat Architectural & Structural Retaining Walls shop drawings	Shop Drawings	January 19, 2016	January 19, 2016	February 7, 2016	C
177	SUB-15-00008-NUS-096-B	B	Nuseirat Architectural & Structural Retaining Walls shop drawings	Shop Drawings	February 14, 2016	February 14, 2016	March 7, 2016	C
178	SUB-15-00008-NUS-096-C	C	Nuseirat Architectural & Structural Retaining Walls shop drawings	Shop Drawings	March 20, 2016	March 20, 2016	March 27, 2016	B
179	SUB-15-00008-NUS-096-D	D	Nuseirat Architectural & Structural Retaining Walls shop drawings	Shop Drawings	March 29, 2016	March 29, 2016		Under Review
180	SUB-15-00008-ATA-097-A	A	Al Atatrah Vertical Booster Pump	Materials	January 20, 2016	January 20, 2016	January 31, 2016	C
181	SUB-15-00008-NUS-098-A	A	Nuseirat Vertical Booster Pump	Materials	January 20, 2016	January 20, 2016	January 31, 2016	C
182	SUB-15-00008-GAZI-099-A	A	Reservoirs drain pipes and fittings	Materials	January 20, 2016	January 20, 2016	January 31, 2016	A
183	SUB-15-00008-GAZI-100-A	A	Ductile iron pipe and fitting	Materials	January 21, 2016	January 24, 2016	February 8, 2016	C
184	SUB-15-00008-GAZI-100-B	B	Ductile iron pipe and fitting	Materials	February 15, 2016	February 15, 2016	February 28, 2016	C
185	SUB-15-00008-GAZI-100-C	C	Ductile iron pipe and fitting	Materials	March 9, 2016	March 9, 2016	March 15, 2016	C
186	SUB-15-00008-GAZI-100-D	D	Ductile iron pipe and fitting	Materials	March 24, 2016	March 24, 2016		Under Review
187	SUB-15-00008-GAZI-101-A	A	Polyethylene Storage Tanks	Materials	January 21, 2016	January 24, 2016	February 9, 2016	C
188	SUB-15-00008-GAZI-101-B	B	Polyethylene Storage Tanks	Materials	February 17, 2016	February 17, 2016	February 28, 2016	C
189	SUB-15-00008-GAZI-101-C	C	Polyethylene Storage Tanks	Materials	March 9, 2016	March 9, 2016	March 14, 2016	A
190	SUB-15-00008-GAZI-102-A	A	Formwork System	Materials	January 21, 2016	January 24, 2016	February 8, 2016	C
191	SUB-15-00008-GAZI-102-B	B	Formwork System	Materials	February 10, 2016	February 10, 2016	February 28, 2016	E
192	SUB-15-00008-GAZI-103-A	A	Dismantling Joint	Materials	January 23, 2016	January 24, 2016	February 3, 2016	A
193	SUB-15-00008-GAZI-104-A	A	Gate Valve PN16	Materials	January 23, 2016	January 24, 2016	February 15, 2016	C
194	SUB-15-00008-GAZI-104-B	B	Gate Valve PN16	Materials	February 24, 2016	February 24, 2016	March 8, 2016	A
195	SUB-15-00008-GAZI-105-A	A	Grounding Manhole	Materials	January 23, 2016	January 24, 2016	January 28, 2016	A
196	SUB-15-00008-ATA-106-A	A	Al Atatrah - Reservoir 3800m3 – Shop Drawings (Mechanical)	Shop Drawings	January 25, 2016	January 26, 2016	February 15, 2016	C
197	SUB-15-00008-ATA-106-B	B	Al Atatrah - Reservoir 3800m3 – Shop Drawings (Mechanical)	Shop Drawings	March 14, 2016	March 14, 2016	March 29, 2016	C
198	SUB-15-00008-NUS-107-A	A	Nuseirat - Reservoir 3800m3 – Shop Drawings (Mechanical)	Shop Drawings	January 25, 2016	January 26, 2016	February 15, 2016	C
199	SUB-15-00008-NUS-107-B	B	Nuseirat - Reservoir 3800m3 – Shop Drawings (Mechanical)	Shop Drawings	March 13, 2016	March 13, 2016	March 29, 2016	C
200	SUB-15-00008-ATA-108-A	A	Al Atatrah - Reservoir 3800m3 – Electrical Shop Drawing	Shop Drawings	January 25, 2016	January 26, 2016	February 11, 2016	C
201	SUB-15-00008-ATA-108-B	B	Al Atatrah - Reservoir 3800m3 – Electrical Shop Drawing	Shop Drawings	February 29, 2016	February 29, 2016	March 14, 2016	B



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202	SUB-15-00008-ATA-108-C	C	Al Atatrah - Reservoir 3800m3 – Electrical Shop Drawing	Shop Drawings	March 16, 2016	March 16, 2016	March 23, 2016	A
203	SUB-15-00008-NUS-109-A	A	Nuseirat - Reservoir 3800m3 – Electrical Shop Drawing	Shop Drawings	January 25, 2016	January 26, 2016	February 9, 2016	C
204	SUB-15-00008-NUS-109-B	B	Nuseirat - Reservoir 3800m3 – Electrical Shop Drawing	Shop Drawings	February 29, 2016	February 29, 2016	March 14, 2016	B
205	SUB-15-00008-NUS-109-C	C	Nuseirat - Reservoir 3800m3 – Electrical Shop Drawing	Shop Drawings	March 16, 2016	March 16, 2016	March 23, 2016	A
206	SUB-15-00008-GAZI-110-A	A	Stainless Steel Pipes and Fittings – Inside Water Tanks	Materials	January 27, 2016	January 27, 2016	February 15, 2016	C
207	SUB-15-00008-GAZI-110-B	B	Stainless Steel Pipes and Fittings – Inside Water Tanks	Materials	February 24, 2016	February 24, 2016	February 29, 2016	B
208	SUB-15-00008-GAZI-110-C	C	Stainless Steel Pipes and Fittings – Inside Water Tanks	Materials	March 27, 2016	March 27, 2016	March 31, 2016	A
209	SUB-15-00008-GAZI-111-A	A	Gaskets (Stainless Steel and Steel Pipes)	Materials	January 27, 2016	January 27, 2016	February 3, 2016	A
210	SUB-15-00008-GAZI-112-A	A	AC Units - Guard House	Materials	January 28, 2016	January 28, 2016	February 7, 2016	C
211	SUB-15-00008-GAZI-112-B	B	AC Units - Guard House	Materials	February 15, 2016	February 15, 2016	February 25, 2016	A
212	SUB-15-00008-GAZI-113-A	A	A.R.I. Check Valves	Materials	January 28, 2016	January 28, 2016	February 11, 2016	A
213	SUB-15-00008-GAZI-114-A	A	Concrete Curing Method Statement	Materials	January 28, 2016	January 28, 2016	February 23, 2016	B
214	SUB-15-00008-GAZI-114-B	B	Concrete Curing Method Statement	Materials	March 10, 2016	March 10, 2016	March 21, 2016	A
215	SUB-15-00008-GAZI-115-A	A	Disinfection System Pipes, Valves and Fittings	Materials	January 28, 2016	January 28, 2016	February 11, 2016	D
216	SUB-15-00008-GAZI-115-B	B	Disinfection System Pipes, Valves and Fittings	Materials	March 27, 2016	March 27, 2016		Under Review
217	SUB-15-00008-GAZI-116-A	A	Flanged Ball Valves (2"– 4")	Materials	January 28, 2016	January 28, 2016	February 8, 2016	C
218	SUB-15-00008-GAZI-116-B	B	Flanged Ball Valves (2"– 4")	Materials	February 11, 2016	February 11, 2016	February 23, 2016	A
219	SUB-15-00008-GAZI-117-A	A	Floor Drain and Roof Drain	Materials	January 31, 2016	January 31, 2016	February 11, 2016	C
220	SUB-15-00008-GAZI-117-B	B	Floor Drain and Roof Drain	Materials	February 15, 2016	February 15, 2016	February 25, 2016	C
221	SUB-15-00008-GAZI-118-A	A	Formwork Material (Retaining Walls and Chambers)	Materials	January 31, 2016	January 31, 2016	February 15, 2016	A
222	SUB-15-00008-GAZI-119-A	A	AC Units Electrical and Control Room	Materials	January 31, 2016	January 31, 2016	February 16, 2016	C
223	SUB-15-00008-GAZI-119-B	B	AC Units Electrical and Control Room	Materials	February 24, 2016	February 24, 2016	March 3, 2016	A
224	SUB-15-00008-GAZI-120-A	A	Plumbing Fixtures and Accessories Alternative Product	Materials	January 31, 2016	January 31, 2016	February 7, 2016	A
225	SUB-15-00008-GAZI-121-A	A	HVAC Copper Tube	Materials	January 31, 2016	January 31, 2016	February 8, 2016	A
226	SUB-15-00008-GAZI-122-A	A	Lighting Fixture – Alternative	Materials	January 31, 2016	January 31, 2016	February 7, 2016	A



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227	SUB-15-00008-ATA-123-A	A	Main Distribution board – Electrical Shop Drawing – Al Atatrah Reservoir	Shop Drawings	January 31, 2016	January 31, 2016	February 17, 2016	C
228	SUB-15-00008-ATA-123-B	B	Main Distribution board – Electrical Shop Drawing – Al Atatrah Reservoir	Shop Drawings	February 21, 2016	February 21, 2016	February 23, 2016	A
229	SUB-15-00008-NUS-124-A	A	Main Distribution board – Electrical Shop Drawing – Nuseirat Reservoir	Shop Drawings	January 31, 2016	January 31, 2016	February 17, 2016	C
230	SUB-15-00008-NUS-124-B	B	Main Distribution board – Electrical Shop Drawing – Nuseirat Reservoir	Shop Drawings	February 21, 2016	February 21, 2016	February 23, 2016	A
231	SUB-15-00008-GAZI-125-A	A	Mechanical Coupling	Materials	January 31, 2016	January 31, 2016	February 11, 2016	C
232	SUB-15-00008-GAZI-126-A	A	Concrete Ready-Mix Design A1 & A3 (35MPa), B(28Mpa), D7 (14MPa) & 30 MPa- Size 20 mm	Materials	January 31, 2016	January 31, 2016	February 11, 2016	A
233	<del>SUB-15-00008-GAZI-127-A</del>	A	<del>ARV Chamber Shop Drawing (Mechanical)</del>	<del>Shop Drawings</del>	<del>February 1, 2016</del>	<del>February 1, 2016</del>	-	Under Review
234	SUB-15-00008-GAZI-127-A	A	ARV Chamber Shop Drawing (Mechanical)	Shop Drawings	February 11, 2016	February 11, 2016	March 3, 2016	C
235	SUB-15-00008-GAZI-127-B	B	ARV Chamber Shop Drawing (Mechanical)	Shop Drawings	March 13, 2016	March 13, 2016	March 22, 2016	B
236	SUB-15-00008-GAZI-128-A	A	Guard House Electrical Shop Drawing	Shop Drawings	February 1, 2016	February 1, 2016	February 18, 2016	C
237	SUB-15-00008-GAZI-128-B	B	Guard House Electrical Shop Drawing	Shop Drawings	February 22, 2016	February 22, 2016	March 7, 2016	C
238	SUB-15-00008-GAZI-128-C	C	Guard House Electrical Shop Drawing	Shop Drawings	March 15, 2016	March 15, 2016	March 23, 2016	C
239	SUB-15-00008-ATA-129-A	A	Al Atatrah Site Layout Shop Drawing	Shop Drawings	February 1, 2016	February 1, 2016	February 23, 2016	B
240	<del>SUB-15-00008-ATA-129-B</del>	B	<del>Al Atatrah Site Layout Shop Drawing</del>	<del>Shop Drawings</del>	<del>March 9, 2016</del>	<del>March 9, 2016</del>		Under Review
241	SUB-15-00008-ATA-129-B	B	Al Atatrah Site Layout Shop Drawing	Shop Drawings	March 17, 2016	March 17, 2016	March 27, 2016	B
242	SUB-15-00008-ATA-129-C	C	Al Atatrah Site Layout Shop Drawing	Shop Drawings	March 30, 2016	March 30, 2016		Under Review
243	SUB-15-00008-NUS-130-A	A	Nuseirat Site Layout Shop Drawing	Shop Drawings	February 1, 2016	February 1, 2016	February 23, 2016	B
244	SUB-15-00008-NUS-130-B	B	Nuseirat Site Layout Shop Drawing	Shop Drawings	March 9, 2016	March 9, 2016	March 22, 2016	A
245	SUB-15-00008-NUS-131-A	A	Nuseirat Excavation Plan - Shop Drawing	Shop Drawings	February 1, 2016	February 1, 2016	February 23, 2016	C
246	SUB-15-00008-NUS-131-B	B	Nuseirat Excavation Plan - Shop Drawing	Shop Drawings	March 21, 2016	March 21, 2016	March 29, 2016	B
247	<del>SUB-15-00008-GAZI-132-A</del>	A	<del>PRV Chamber Shop Drawing (Mechanical)</del>	<del>Shop Drawings</del>	<del>February 1, 2016</del>	<del>February 1, 2016</del>	-	Under Review
248	SUB-15-00008-GAZI-132-A	A	PRV Chamber Shop Drawing (Mechanical)	Shop Drawings	February 11, 2016	February 11, 2016	March 10, 2016	C



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249	SUB-15-00008-GAZI-132-B	B	PRV Chamber Shop Drawing (Mechanical)	Shop Drawings	March 16, 2016	March 16, 2016	March 24, 2016	C
250	SUB-15-00008-GAZI-133-A	A	Concrete Ready-Mix Design Class B300-Size 20mm	Materials	February 1, 2016	February 1, 2016	February 9, 2016	C
251	SUB-15-00008-GAZI-133-B	B	Concrete Ready-Mix Design Class B300-Size 20mm	Materials	March 10, 2016	March 10, 2016	March 16, 2016	E
252	SUB-15-00008-GAZI-134-A	A	Plumbing Valves and Fittings	Materials	February 2, 2016	February 2, 2016	February 11, 2016	C
253	SUB-15-00008-GAZI-134-B	B	Plumbing Valves and Fittings	Materials	March 27, 2016	March 27, 2016	March 31, 2016	C
254	SUB-15-00008-GAZI-135-A	A	Potable Water Tank	Materials	February 2, 2016	February 2, 2016	February 17, 2016	D
255	SUB-15-00008-GAZI-136-A	A	Solar Collection System	Materials	February 2, 2016	February 2, 2016	February 11, 2016	A
256	SUB-15-00008-GAZI-137-A	A	Sub Distribution Board - Electrical Shop Drawings	Shop Drawings	February 2, 2016	February 2, 2016	February 15, 2016	C
257	SUB-15-00008-GAZI-137-B	B	Sub Distribution Board - Electrical Shop Drawings	Shop Drawings	February 22, 2016	February 22, 2016	March 3, 2016	A
258	SUB-15-00008-GAZI-138-A	A	Tapping Saddles	Materials	February 2, 2016	February 2, 2016	February 23, 2016	C
259	SUB-15-00008-GAZI-138-B	B	Tapping Saddles	Materials	February 24, 2016	February 24, 2016	February 29, 2016	A
260	SUB-15-00008-GAZI-139-A	A	ULTRAVIOLET (UV) Water Purifier	Materials	February 2, 2016	February 2, 2016	February 11, 2016	A
261	SUB-15-00008-GAZI-140-A	A	UPVC Sewage System Pipes and Fittings	Materials	February 2, 2016	February 2, 2016	February 16, 2016	D
262	SUB-15-00008-GAZI-140-B	B	UPVC Sewage System Pipes and Fittings	Materials	February 24, 2016	February 24, 2016	March 2, 2016	A
263	SUB-15-00008-GAZI-141-A	A	Water Copper Tube	Materials	February 2, 2016	February 2, 2016	February 8, 2016	A
264	SUB-15-00008-GAZI-142-A	A	Water Drain Bottle Trap	Materials	February 2, 2016	February 2, 2016	February 11, 2016	A
265	SUB-15-00008-GAZI-143-A	A	Reservoir Drain Pipe and Fittings-Alternative	Materials	February 2, 2016	February 2, 2016	February 17, 2016	A
266	SUB-15-00008-GAZI-144-A	A	PVC Sheet	Materials	February 2, 2016	February 2, 2016	February 23, 2016	A
267	SUB-15-00008-GAZI-145-A	A	Steel Fittings	Materials	February 2, 2016	February 2, 2016	February 17, 2016	C
268	SUB-15-00008-GAZI-145-B	B	Steel Fittings	Materials	February 24, 2016	February 24, 2016	February 29, 2016	B
269	SUB-15-00008-GAZI-145-C	C	Steel Fittings	Materials	March 27, 2016	March 27, 2016	March 31, 2016	A
270	SUB-15-00008-GAZI-146-A	A	Bolts, Washers and Nuts for Ductile Iron System	Materials	February 2, 2016	February 2, 2016	February 16, 2016	C
271	SUB-15-00008-GAZI-146-B	B	Bolts, Washers and Nuts for Ductile Iron System	Materials	February 24, 2016	February 24, 2016	February 29, 2016	A
272	SUB-15-00008-GAZI-147-A	A	Stainless Steel Fasteners (Bolts, Nuts, Screws, Washers and Stud)	Materials	February 2, 2016	February 2, 2016	February 16, 2016	C



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No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive by B&V	Return to Morganti	Status
273	SUB-15-00008-GAZI-147-B	B	Stainless Steel Fasteners (Bolts, Nuts, Screws, Washers and Stud)	Materials	February 24, 2016	February 24, 2016	February 29, 2016	A
274	SUB-15-00008-GAZI-148-A	A	Float Level Control Valves	Materials	February 2, 2016	February 2, 2016	February 17, 2016	C
275	SUB-15-00008-GAZI-148-B	B	Float Level Control Valves	Materials	March 9, 2016	March 9, 2016	March 24, 2016	C
276	SUB-15-00008-GAZI-149-A	A	Flanged Ductile Pipe Gasket	Materials	February 2, 2016	February 2, 2016	February 17, 2016	C
277	SUB-15-00008-GAZI-149-B	B	Flanged Ductile Pipe Gasket	Materials	February 25, 2016	February 25, 2016	March 2, 2016	A
278	SUB-15-00008-GAZI-150-A	A	Emergency Shower-Disinfection Building	Materials	February 2, 2016	February 2, 2016	February 15, 2016	C
279	SUB-15-00008-GAZI-151-A	A	Exhaust Grilles	Materials	February 2, 2016	February 2, 2016	February 16, 2016	A
280	SUB-15-00008-GAZI-152-A	A	Supply Grilles	Materials	February 2, 2016	February 2, 2016	February 17, 2016	C
281	SUB-15-00008-GAZI-152-B	B	Supply Grilles	Materials	February 24, 2016	February 24, 2016	February 28, 2016	A
282	SUB-15-00008-GAZI-153-A	A	Manhole Covers "750 mm"	Materials	February 7, 2016	February 7, 2016	February 25, 2016	C
283	SUB-15-00008-GAZI-153-B	B	Manhole Covers "750 mm"	Materials	March 17, 2016	March 17, 2016	March 22, 2016	C
284	SUB-15-00008-GAZI-154-A	A	Manhole Steps	Materials	February 7, 2016	February 7, 2016	February 28, 2016	C
285	SUB-15-00008-GAZI-155-A	A	PVC Water stop 150mm	Materials	February 7, 2016	February 7, 2016	February 9, 2016	A
286	SUB-15-00008-GAZI-156-A	A	Method Statement for Expandable Water Stop.	Materials	February 7, 2016	February 7, 2016	February 25, 2016	A
287	SUB-15-00008-GAZI-157-A	A	Material and Method Statement for External Isolation Material (Nitoproof 30).	Materials	February 7, 2016	February 7, 2016	March 3, 2016	A
288	SUB-15-00008-GAZI-158-A	A	Material and Method Statement for Cementation Repair Mortar (Renderoc FC).	Materials	February 7, 2016	February 7, 2016	February 29, 2016	A
289	SUB-15-00008-GAZI-159-A	A	Material and Method Statement for Internal Epoxy Coating (Nitocote EP405).	Materials	February 7, 2016	February 7, 2016	February 15, 2016	C
290	SUB-15-00008-GAZI-159-B	B	Material and Method Statement for Internal Epoxy Coating (Nitocote EP405).	Materials	February 24, 2016	February 24, 2016	March 15, 2016	C
291	SUB-15-00008-GAZI-159-C	C	Material and Method Statement for Internal Epoxy Coating (Nitocote EP405).	Materials	March 20, 2016	March 20, 2016	March 21, 2016	A
292	SUB-15-00008-GAZI-160-A	A	Material and Method Statement for Non-Shrink Cementitious Grout for Tie Rods (Conbextra HF).	Materials	February 7, 2016	February 7, 2016	February 11, 2016	A



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No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive by B&V	Return to Morganti	Status
293	SUB-15-00008-GAZI-161-A	A	Material and Method Statement for Rapid Setting Cement-Based Water Stopping Mortar (Rendroc Plug)	Materials	February 7, 2016	February 7, 2016	March 2, 2016	C
294	SUB-15-00008-GAZI-161-B	B	Material and Method Statement for Rapid Setting Cement-Based Water Stopping Mortar (Rendroc Plug)	Materials	March 8, 2016	March 8, 2016	March 21, 2016	A
295	SUB-15-00008-GAZI-162-A	A	Material and Method Statement for External Coating.	Materials	February 7, 2016	February 7, 2016	March 3, 2016	E
296	SUB-15-00008-GAZI-163-A	A	Material and Method Statement for Flexible Protective Coating to Prevent Corrosion of Concrete Surfaces (Nitocote EPU).	Materials	February 7, 2016	February 7, 2016	March 3, 2016	B
297	SUB-15-00008-GAZI-164-A	A	Material and Method Statement for Concrete Repair.	Materials	February 7, 2016	February 7, 2016	March 2, 2016	A
298	SUB-15-00008-GAZI-165-A	A	Material and Method Statement for Crack Injection (Wet or Damp Conditions)	Materials	February 7, 2016	February 7, 2016	March 3, 2016	A
299	SUB-15-00008-GAZI-166-A	A	Method Statement for PVC Water Stops (25cm & 15cm)	Materials	February 7, 2016	February 7, 2016	February 29, 2016	A
300	SUB-15-00008-GAZI-167-A	A	Galvanized Steel Roof Vent	Materials	February 7, 2016	February 7, 2016	February 17, 2016	D
301	SUB-15-00008-GAZI-167-B	B	Galvanized Steel Roof Vent	Materials	March 24, 2016	March 24, 2016		Under Review
302	SUB-15-00008-GAZI-168-A	A	Chlorine Basket Strainer.	Materials	February 9, 2016	February 9, 2016	February 23, 2016	C
303	SUB-15-00008-GAZI-168-B	B	Chlorine Basket Strainer.	Materials	February 25, 2016	February 25, 2016	February 29, 2016	A
304	SUB-15-00008-GAZI-169-A	A	Chlorine Multi-function Valves.	Materials	February 9, 2016	February 9, 2016	February 28, 2016	C
305	SUB-15-00008-GAZI-170-A	A	<del>Chemical Storage Tanks Alternative Product</del>	<del>Materials</del>	<del>February 9, 2016</del>	<del>February 9, 2016</del>		Under Review
306	SUB-15-00008-GAZI-170-A	A	Chemical Storage Tanks Alternative Product	Materials	February 11, 2016	February 11, 2016	February 23, 2016	C
307	SUB-15-00008-GAZI-171-A	A	PAM Air Valves Alternative Product.	Materials	February 9, 2016	February 9, 2016	February 28, 2016	D
308	SUB-15-00008-GAZI-172-A	A	Emergency Shower-Disinfection Building Alternative Product.	Materials	February 9, 2016	February 9, 2016	February 29, 2016	C
309	SUB-15-00008-GAZI-173-A	A	LDPE Tube for Disinfection Building.	Materials	February 9, 2016	February 9, 2016	February 28, 2016	D
310	SUB-15-00008-GAZI-174-A	A	Confined Space Safety Plan	Construction Method Statement	February 10, 2016	February 10, 2016	February 15, 2016	C



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No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive by B&V	Return to Morganti	Status
311	SUB-15-00008-GAZI-174-B	B	Confined Space Safety Plan	Construction Method Statement	February 22, 2016	February 22, 2016	February 29, 2016	A
312	SUB-15-00008-GAZI-175-A	A	EXCAVATION & TRENCHING SAFETY PLAN	Construction Method Statement	February 10, 2016	February 10, 2016	February 29, 2016	A
313	SUB-15-00008-GAZI-176-A	A	Side Manway Material Submittal	Materials	February 11, 2016	February 11, 2016	February 28, 2016	C
314	SUB-15-00008-GAZI-176-B	B	Side Manway Material Submittal	Materials	March 1, 2016	March 1, 2016	March 3, 2016	A
315	SUB-15-00008-GAZI-177-A	A	BILCO Hatches	Materials	February 11, 2016	February 11, 2016	March 3, 2016	C
316	SUB-15-00008-GAZI-177-B	B	BILCO Hatches	Materials	March 15, 2016	March 15, 2016	March 23, 2016	A
317	SUB-15-00008-GAZI-178-A	A	Disinfection Building Shop Drawing (Mechanical)	Shop Drawings	February 11, 2016	February 11, 2016	March 7, 2016	C
318	SUB-15-00008-GAZI-178-B	B	Disinfection Building Shop Drawing (Mechanical)	Shop Drawings	March 30, 2016	March 30, 2016		Under Review
319	SUB-15-00008-GAZI-179-A	A	Restraint UPVC Pipe Flange Adapter	Materials	February 15, 2016	February 15, 2016	February 28, 2016	C
320	SUB-15-00008-GAZI-179-B	B	Restraint UPVC Pipe Flange Adapter	Materials	March 9, 2016	March 9, 2016	March 14, 2016	C
321	SUB-15-00008-GAZI-179-C	C	Restraint UPVC Pipe Flange Adapter	Materials	March 27, 2016	March 27, 2016	March 31, 2016	A
322	SUB-15-00008-GAZI-180-A	A	Warning Tape - Water Pipelines	Materials	February 17, 2016	February 17, 2016	March 3, 2016	C
323	SUB-15-00008-GAZI-181-A	A	Filter Fabric (Geotextile) Data Sheet & Sample	Materials	February 17, 2016	February 17, 2016	March 3, 2016	A
324	SUB-15-00008-GAZI-182-A	A	VFD Components - Schneider	Materials	February 22, 2016	February 22, 2016	March 15, 2016	C
325	SUB-15-00008-GAZI-183-A	A	Steel Fence & Posts	Materials	February 22, 2016	February 22, 2016	March 14, 2016	C
326	SUB-15-00008-GAZI-183-B	B	Steel Fence & Posts	Materials	March 20, 2016	March 20, 2016	March 23, 2016	A
327	SUB-15-00008-GAZI-184-A	A	Concrete Ready-Mix Design B300 - CCQC Lab.	Materials	February 22, 2016	February 22, 2016	February 29, 2016	C
328	SUB-15-00008-GAZI-184-B	B	Concrete Ready-Mix Design B300 - CCQC Lab.	Materials	March 10, 2016	March 10, 2016	March 16, 2016	E
329	SUB-15-00008-GAZI-185-A	A	Booster Pump Control Valve	Materials	February 24, 2016	February 24, 2016	March 21, 2016	D
330	SUB-15-00008-GAZI-186-A	A	Steel Flange-Weld-Neck Flanges	Materials	February 24, 2016	February 24, 2016	February 28, 2016	A
331	SUB-15-00008-GAZI-187-A	A	Material and Method Statement for Expandable Water Stop Supercast SW30	Materials	February 25, 2016	February 25, 2016	March 2, 2016	A
332	SUB-15-00008-GAZI-188-A	A	Pressure Switch	Materials	February 25, 2016	February 25, 2016	March 7, 2016	C
333	SUB-15-00008-GAZI-188-B	B	Pressure Switch	Materials	March 9, 2016	March 9, 2016	March 21, 2016	C
334	SUB-15-00008-GAZI-189-A	A	Seismic Cans – With Sample	Materials	February 28, 2016	February 28, 2016	March 21, 2016	A
335	SUB-15-00008-GAZI-190-A	A	Pad Transformer - 400 KVA	Materials	February 29, 2016	February 29, 2016	March 21, 2016	C



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No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive by B&V	Return to Morganti	Status
336	SUB-15-00008-NUS-191-A	A	VFD Components -Schneider Nuseirat Reservoir	Materials	February 29, 2016	February 29, 2016	March 21, 2016	C
337	SUB-15-00008-GAZI-192-A	A	Pressure Reducing Valve-PRV	Materials	February 29, 2016	February 29, 2016	March 21, 2016	C
338	SUB-15-00008-ATA-193-A	A	Al Atatrah Excavation Plan Shop Drawing	Shop Drawings	February 29, 2016	February 29, 2016	March 21, 2016	C
339	SUB-15-00008-ATA-193-B	B	Al Atatrah Excavation Plan Shop Drawing	Shop Drawings	March 21, 2016	March 21, 2016	March 31, 2016	B
340	SUB-15-00008-ATA-194-A	A	Al Atatrah Electrical Coordination study	Other	March 1, 2016	March 1, 2016	March 21, 2016	C
341	SUB-15-00008-NUS-195-A	A	Nuseirat Electrical Coordination study.	Other	March 1, 2016	March 1, 2016	March 21, 2016	C
342	SUB-15-00008-GAZI-196-A	A	Concrete Repair Material - Alternative (SikaRep & Sikagrout -200)	Materials	March 3, 2016	March 3, 2016	March 22, 2016	C
343	SUB-15-00008-NUS-197-A	A	Waterproofing Membrane Sheet (Building Roofs Isolation/PAZKAR) - with Sample	Materials	March 3, 2016	March 3, 2016	March 22, 2016	B
344	SUB-15-00008-GAZI-198-A	A	Disinfection Building Electrical Shop Drawing	Shop Drawings	March 8, 2016	March 8, 2016	March 21, 2016	C
345	SUB-15-00008-GAZI-198-B	B	Disinfection Building Electrical Shop Drawing	Shop Drawings	March 30, 2016	March 30, 2016		Under Review
346	<del>SUB-15-00008-ATA-199-A</del>	A	<del>ALATATRAH Architectural &amp; Structural Retaining Walls Shop Drawing PART A</del>	<del>Shop Drawings</del>	<del>March 8, 2016</del>	<del>March 8, 2016</del>		<del>Under Review</del>
347	SUB-15-00008-ATA-199-A	A	ALATATRAH Architectural & Structural Retaining Walls Shop Drawing PART A	Shop Drawings	March 15, 2016	March 15, 2016	March 22, 2016	B
348	SUB-15-00008-ATA-199-B	B	ALATATRAH Architectural & Structural Retaining Walls Shop Drawing PART A	Shop Drawings	March 24, 2016	March 24, 2016		Under Review
349	SUB-15-00008-GAZI-200-A	A	Steel Pipes -Mechanical	Materials	March 9, 2016	March 9, 2016	March 14, 2016	A
350	SUB-15-00008-GAZI-201-A	A	Flange Insulation Kit (SGM)	Materials	March 9, 2016	March 9, 2016	March 14, 2016	E
351	SUB-15-00008-GAZI-202-A	A	Link Seal	Materials	March 9, 2016	March 9, 2016	March 14, 2016	A
352	SUB-15-00008-GAZI-203-A	A	Tree Relocation Method Statement	Other	March 9, 2016	March 9, 2016	March 14, 2016	B
353	SUB-15-00008-GAZI-204-A	A	Wash-Out Chamber Shop Drawing (Mechanical)	Shop Drawings	March 13, 2016	March 13, 2016	March 21, 2016	C



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No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive by B&V	Return to Morganti	Status
354	SUB-15-00008-GAZI-205-A	A	Gate Valve Chamber Mechanical Shop Drawing	Shop Drawings	March 13, 2016	March 13, 2016	March 23, 2016	C
355	SUB-15-00008-GAZI-205-B	B	Gate Valve Chamber Mechanical Shop Drawing	Shop Drawings	March 24, 2016	March 24, 2016		Under Review
356	SUB-15-00008-GAZI-206-A	A	BFV Chamber Shop Drawing (Mechanical)	Shop Drawings	March 14, 2016	March 14, 2016	March 21, 2016	C
357	SUB-15-00008-GAZI-207-A	A	Electrical & Control Building Shop Drawing (Mechanical)	Shop Drawings	March 17, 2016	March 17, 2016	March 31, 2016	C
358	SUB-15-00008-GAZI-208-A	A	Guard House Mechanical Shop Drawing	Shop Drawings	March 17, 2016	March 17, 2016		Under Review
359	SUB-15-00008-NUS-209-A	A	Nuseirat Vertical Booster Pump (American –Marsh Pumps)	Materials	March 20, 2016	March 20, 2016		Under Review
360	SUB-15-00008-ATA-210-A	A	Al Atatrah Vertical Booster Pump (American –Marsh Pumps)	Materials	March 20, 2016	March 20, 2016		Under Review
361	SUB-15-00008-NUS-211-A	A	Electrical & Control Room- Nuseirat Electrical Shop Drawing	Shop Drawings	March 20, 2016	March 20, 2016	March 31, 2016	C
362	SUB-15-00008-ATA-212-A	A	Electrical & Control Room- Al Atatrah Electrical Shop Drawing	Shop Drawings	March 20, 2016	March 20, 2016	March 31, 2016	C
363	SUB-15-00008-NUS-213-A	A	Nuseirat Retaining Wall Grounding System- Electrical Shop Drawing	Shop Drawings	March 21, 2016	March 21, 2016	March 31, 2016	A
364	SUB-15-00008-GAZI-214-A	A	Ready Mix Concrete Batching Plant (Al Handasia Company for ready mix concrete)	Other	March 22, 2016	March 22, 2016	March 27, 2016	E
365	SUB-15-00008-GAZI-215-A	A	Ready Mix Concrete Batching Plant (Abu Eida Company for ready mix concrete)	Other	March 22, 2016	March 22, 2016	March 27, 2016	D
366	SUB-15-00008-ATA-216-A	A	Grinder Pumps – Al Atatrah	Materials	March 27, 2016	March 27, 2016		Under Review
367	SUB-15-00008-GAZI-217-A	A	Cast iron drainage system	Materials	March 27, 2016	March 27, 2016	March 31, 2016	A

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

# **Annex G – Request for Information 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-15-00008


**REQUEST FOR INFORMATION LOG**

No.	RFI No.	Project	References	Description	Submitted Date	Receive by B&V	Contract Due Date	Response Date	Review Days	CMC Response
1	RFI-15-00008-GAZI-C-E-001	GAZI	Program Standard Design M-GR 41 & M-GR 42 Program Standard Details M-DT02 & S-DT05 Al Atatrah design drawings (G-107) Nuseirat 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 6, 2015	December 7, 2015	January 5, 2016	December 27, 2015	20	The subject line will experience minimum pressure while draining under the tank. Therefore; the Contractor's proposal to use PN12.5 (socket with rubber joints) pipe instead of PN16 (socket with rubber joints) pipe is accepted. Contractor to submit VOR accordingly,
2	RFI-15-00008-GAZI-C-E-002	GAZI	RFTOP-Section C, Description-Specifications-Statement of Work	Substitution New Jersey Barriers with steel mini guard	December 22, 2015	December 22, 2015	January 21, 2016	December 27, 2015	5	Contractor to submit site specific job hazard analysis and to specify exactly where the contractor plans to use steel mini guard in lieu of concrete.
3	RFI-15-00008-GAZI-C-E-003	GAZI	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 Atatrah & Nuseirat Reservoirs	December 22, 2015	December 22, 2015	January 21, 2016	January 13, 2016	22	Contractor to follow M-GR33 and M-GR23 for drain piping arrangements. No change is required



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No.	RFI No.	Project	References	Description	Submitted Date	Receive by B&V	Contract Due Date	Response Date	Review Days	CMC Response
4	RFI-15-00008-GAZI.C-E-004	GAZI	Program Standard Specifications - Section 16050	Rigid PVC conduit - Schedule 40 at Al Atatrah & Nuseirat Reservoirs	January 24, 2016	January 24, 2016	February 23, 2016	January 31, 2016	7	The Contractor's proposal to use colored flexible PVC conduit Inside concrete for electrical works instead of specified - Scheduled 40-Rigid PVC conduit is accepted at no additional cost to the owner.
5	RFI-15-00008-GAZI.C-E-005	GAZI	Program Standard Design Drawing No. E-501	GFCI (Ground Fault Circuit Interrupter) Receptacles at Al Atatrah & Nuseirat Reservoirs	January 24, 2016	January 24, 2016	February 23, 2016	February 3, 2016	10	The contractor's proposal to use ELCB protection in distribution boards in lieu of the specified GFCI system is accepted at no additional cost to the owner as technically approved equal. Final acceptance is subject to the followings:1. Contractor shall utilize ELCB earth leakage protection system for all site panels.2. ELCB system shall protect all circuit connection within each panel with suitable load ratings selection.3. Each ELCB shall be connected to 6 circuits (maximum).4. Contractor shall submit an updated load schedule and material submittal.5. Contractor to submit VOR with (Zero Time/Cost Impact) accordingly.



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No.	RFI No.	Project	References	Description	Submitted Date	Receive by B&V	Contract Due Date	Response Date	Review Days	CMC Response
6	RFI-15-00008-GAZI.C-E-006	GAZI	RFTOP-Section C, Description/Specifications/ Statement of Work - Section C.4 E/ Traffic Control	Substitution New Jersey Barriers with Steel Mini Guard – Supplementary Information	January 24, 2016	January 24, 2016	February 23, 2016	February 8, 2016	15	Contractor's proposal is acceptable with the following comments: 1. Contractor to provide sample for engineer review. 2. Steel mini guard may be utilized where site conditions permits and safety hazard is minimum. 3. Concrete barriers must be used at chambers. 4. Concrete barriers must be use<l at open excavations/ trenches if to be kept open. 5. Periodic maintenance should have carried out when required (damaged steel mini guard shall not be used).
7	RFI-15-00008-GAZI.C-E-007	GAZI	B.O.Q item no. 4.3.6 and 5.3.6	Interior CMU Walls and inside face Veneer	February 7, 2016	February 7, 2016	March 8, 2016	February 22, 2016	15	Contractor to provide cost/ technical comparison to allow CMC to properly review and provide response.
8	RFI-15-00008-GAZI.C-E-008	GAZI	General Program Standard Designs S-GR41 & M-GR41 Program standard Details M-DT07	Side Manway	February 7, 2016	February 7, 2016	March 8, 2016	February 15, 2016	8	Side access man way is required as part of the Contractor SO\V. Refer to Drawings S-GR41, M-GR41 (copy attached with highlights for case of reference) and to details M-904 and M-905 in drawing M-DT07 (copy attached). It will be ' paid under BOQ item 1.2.7.



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No.	RFI No.	Project	References	Description	Submitted Date	Receive by B&V	Contract Due Date	Response Date	Review Days	CMC Response
9	RFI-15-00008-ATA.C-E-009	ATA	Program Standard Details S-RW02	Retaining Wall Height	February 11, 2016	February 11, 2016	March 12, 2016	March 10, 2016	28	Contractor to refer to the attached modified site layout and level (Sheet No. 01), retaining walls are modified accordingly as per attached (sheet No. 02.)
10	RFI-15-00008-ATA.C-E-010	ATA	Conformed Project Drawing: C-216	The Retaining Wall Foundation Interfere with Neighbor land	February 11, 2016	February 11, 2016	March 12, 2016	March 10, 2016	28	Contractor to refer to RFI-15-00008-ATA-C-E-009-Response, whereas type of walls was modified, accordingly, foundation limits remains within site boundary.
11	RFI-15-00008-GAZI.C-E-011	GAZI	General Program standard Designs S-GR41 & M-GR41	Access Manway	February 21, 2016	February 21, 2016	March 22, 2016	February 24, 2016	3	<p>Access man way is required as part of the Contractor SOW. Refer to Drawings S-GR41, M-GR41 and to details M-904 and M-905 in drawing M-DT07. It will be paid under BOQ item 1.2. 7".</p> <p>Access Manway are clearly spelled out in the contract drawings, and therefore, are part of the Scope of Work of the subject award in addition, please refer to Specifications section 01025, item 2.01, paragraph b, which reads: "The items which are included in the Drawing, Specifications, or other Contract Documents but not found in the BOQ shall be deemed as having been included in other unit prices of the BOQ"</p> <p>See attached USAID determination.</p>



TO-15-00008 Construction Monthly Progress Report – March 2016

No.	RFI No.	Project	References	Description	Submitted Date	Receive by B&V	Contract Due Date	Response Date	Review Days	CMC Response
12	RFI-15-00008-GAZI.C-E-012	GAZI	Bill of Quantity Item 2.1,3,4.1 Program standard Details M-DT07	PVC Pipes and Fittings Spare Quantities	February 21, 2016	February 21, 2016	March 22, 2016	February 29, 2016	8	Contractor to refer to attached list. Contractor to submit VOR accordingly. Final acceptance is subject to VOR acceptance by USAID.
13	RFI-15-00008-NUS.C-E-013	NUS	NUSEIRAT CONFORMED DRAWINGS C-234	An Alternative route for distribution pipeline ND3 at Nuseirat project	March 1, 2016	March 1, 2016	March 31, 2016	March 10, 2016	9	*Contractor to provide CMWU/PWA change request in writing. *We are not aware of any new post award conditions that warrant such change request. *Based on the above, we are not in a position, to accept such request.
14	RFI-15-00008-GAZI.C-E-014	GAZI	Supplemental Specification Section 11910 para 2-2-2.c	Generator Set Displacement	March 1, 2016	March 1, 2016	March 31, 2016	March 7, 2016	6	The proposed Gen. Set is meeting the performance requirements. The proposed displacement values are acceptable and will not affect the Gen. set performance. This response is limited to displacement values and all other remaining requirements such as construction materials and spare parts should be provided as specified.
15	RFI-15-00008-NUS.C-E-015	NUS	NUSEIRAT CONFORMED DRAWINGS: C242, C243, C244, C249, C-250 & C251	An Alternative route for distribution pipeline ND4 & Supply Line NS1 at Nuseirat project	March 1, 2016	March 1, 2016	March 31, 2016	March 10, 2016	9	*Contractor to provide CMWU /PWA change request in writing. *We are not aware of any new post award conditions that warrant such change request. *Based on the above, we are not in a position to accept such request.



No.	RFI No.	Project	References	Description	Submitted Date	Receive by B&V	Contract Due Date	Response Date	Review Days	CMC Response
16	RFI-15-00008-GAZI-C-E-016	GAZI	SUB-15-00008-GAZI-059-A ((Specification: Section 13563 Paragraph (2-2.02.01 & 2-2.02.02))	Flowmeters construction material	March 31, 2016	March 31, 2016	April 30, 2016			Under Review

## **Annex H - Geo-MIS Data**



**USAID WEST BANK/ GAZA**  
**INFRASTRUCTURE NEEDS PROGRAM INPII**  
**CONTRACT NO.: AID-294-I-00-12-00002**  
**TASK ORDER NO.: AID-294-TO-15-00008**  
**PROJECT 1: GAZI (Al Atatrah)**  
**TEMPORARY JOB DAYS REPORT**  
**Gaza - Construction of Reservoirs and Pumping Facilities Package I**  
**From: March 1, 2016 To: March 31, 2016**

Period  
**CONTRACTOR: The Morganti Group, Inc.**  
**SUBCONTRACTOR: 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	SAK - Construction Manager	Quality Control Manager	Safety & Environmental Compliance Officer	Project Engineer	Project Control Engineer	Site Engineer	Electrical Engineer	Mechanical Engineer	Office Engineer (F)	Foreman	Skilled Labor	Operator	Flagman	Unskilled Labor	Surveyor	SAK - Safety & Environmental Compliance Officer	Driver	Office Boy								Guard
March 1, 2016	4	0	4	4	8	4	8	4	4	8	0	32	4	0	8	4	8	0	16	44	1.5	4.5	4.5	1	9	19.5	1
March 2, 2016	4	0	4	4	8	4	8	4	4	8	0	32	0	0	8	12	8	0	16	44	1.5	4.5	4	1	10	20	1
March 3, 2016	4	0	4	4	8	4	8	4	4	8	0	32	0	0	8	12	8	0	16	44	1.5	4.5	4	1	10	20	1
March 4, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	0	0	0	0	6	6	0
March 5, 2016	4	0	4	4	8	4	8	4	4	8	0	8	0	0	8	12	8	0	16	44	1.5	4.5	1	1	10	17	1
March 6, 2016	4	0	4	4	8	4	8	4	4	8	0	16	1	0	16	4	8	0	16	44	1.5	4.5	2.125	2	9	18.125	1
March 7, 2016	4	0	4	4	8	4	8	4	4	8	0	32	0	0	8	12	8	0	16	44	1.5	4.5	4	1	10	20	1
March 8, 2016	4	0	4	4	8	4	8	4	4	8	0	32	0	0	8	12	8	0	16	44	1.5	4.5	4	1	10	20	1
March 9, 2016	4	0	4	4	8	4	8	4	4	8	0	32	0	0	8	4	8	0	16	44	1.5	4.5	4	1	9	19	1



TO-15-00008 Construction Monthly Progress Report – March 2016

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	SAK - Construction Manager	Quality Control Manager	Safety & Environmental Compliance Officer	Project Engineer	Project Control Engineer	Site Engineer	Electrical Engineer	Mechanical Engineer	Office Engineer (F)	Foreman	Skilled Labor	Operator	Flagman	Unskilled Labor	Surveyor	SAK - Safety & Environmental Compliance Officer	Driver	Office Boy								Guard
March 10, 2016	4	0	4	4	8	4	8	4	4	8	0	24	0	0	16	12	8	0	16	44	1.5	4.5	3	2	10	20	1
March 11, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	0	0	0	0	6	6	0
March 12, 2016	4	2	4	4	8	4	8	4	4	8	0	48	0	0	16	12	8	0	16	44	1.75	4.5	6	2	10	23.25	1
March 13, 2016	4	2	4	4	8	4	8	4	4	8	0	48	6	0	16	12	8	0	16	44	1.75	4.5	6.75	2	10	24	1
March 14, 2016	4	2	4	4	8	4	8	4	4	8	0	16	0	0	16	4	8	0	16	44	1.75	4.5	2	2	9	18.25	1
March 15, 2016	4	2	4	4	8	4	8	4	4	8	0	36	0	0	16	4	8	0	16	44	1.75	4.5	4.5	2	9	20.75	1
March 16, 2016	4	2	4	4	8	4	8	4	4	8	0	0	0	0	16	4	8	0	16	44	1.75	4.5	0	2	9	16.25	1
March 17, 2016	4	2	4	4	8	4	8	4	4	8	0	0	0	0	16	4	8	0	16	44	1.75	4.5	0	2	9	16.25	1
March 18, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	0	0	0	0	6	6	0
March 19, 2016	4	2	4	4	8	4	8	4	4	8	0	48	16	0	16	4	8	0	16	44	1.75	4.5	8	2	9	24.25	1
March 20, 2016	4	2	4	4	8	4	8	4	4	8	0	8	0	0	16	4	8	0	16	44	1.75	4.5	1	2	9	17.25	1
March 21, 2016	4	2	4	4	8	0	8	4	4	8	0	16	4	0	16	4	8	0	16	44	1.75	4	2.5	2	9	18.25	1
March 22, 2016	4	2	4	4	8	4	8	4	4	8	0	0	0	0	16	4	8	0	16	44	1.75	4.5	0	2	9	16.25	1
March 23, 2016	4	2	4	4	8	4	8	4	4	8	0	8	0	0	16	4	8	0	16	44	1.75	4.5	1	2	9	17.25	1
March 24, 2016	4	2	4	4	8	4	8	4	4	8	0	0	0	0	16	4	8	0	16	44	1.75	4.5	0	2	9	16.25	1
March 25, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	0	0	0	0	6	6	0

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	SAK - Construction Manager	Quality Control Manager	Safety & Environmental Compliance Officer	Project Engineer	Project Control Engineer	Site Engineer	Electrical Engineer	Mechanical Engineer	Office Engineer (F)	Foreman	Skilled Labor	Operator	Flagman	Unskilled Labor	Surveyor	SAK - Safety & Environmental Compliance Officer	Driver	Office Boy								Guard
March 26, 2016	4	2	4	4	8	4	8	4	4	8	0	0	0	0	0	4	8	0	16	44	1.75	4.5	0	0	9	14.25	1
March 27, 2016	4	2	4	4	8	4	8	4	4	8	0	8	8	0	24	4	8	0	16	44	1.75	4.5	2	3	9	19.25	1
March 28, 2016	4	2	4	4	8	4	8	4	4	8	0	8	8	0	24	4	8	0	16	44	1.75	4.5	2	3	9	19.25	1
March 29, 2016	4	4	4	4	8	4	8	4	4	8	0	8	8	0	24	4	8	0	16	44	2	4.5	2	3	9	19.5	1
March 30, 2016	4	4	4	4	8	4	8	4	4	8	0	0	8	0	32	4	8	0	16	44	2	4.5	1	4	9	19.5	1
March 31, 2016	4	4	4	4	8	4	8	4	4	8	0	0	8	0	32	4	8	0	16	44	2	4.5	1	4	9	19.5	1
<b>Total of Month</b>	<b>108</b>	<b>42</b>	<b>108</b>	<b>108</b>	<b>216</b>	<b>104</b>	<b>216</b>	<b>108</b>	<b>108</b>	<b>216</b>	<b>0</b>	<b>49</b>	<b>71</b>	<b>0</b>	<b>416</b>	<b>172</b>	<b>216</b>	<b>0</b>	<b>432</b>	<b>1380</b>	<b>45.8</b>	<b>121</b>	<b>70.4</b>	<b>52</b>	<b>275</b>	<b>537.1</b>	<b>27</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.

\*\*\*

In accordance to contract requirements and specifications, Contractors are requested to collect and report data on USAID Indicators using the attached Job-Days reports.

Contractors are requested to conform to Contract specifications and carefully consider the below requirements:

- All Job-Days reports' calculations shall be based on working hours.
- In the case of one task order with more than one project, Man-days of employment for staff assigned on Task Order level shall be equally distributed over the active projects. For example, a Task Order Manager's Man-days for a task order that consists of three (3) projects, two (2) of which are active, shall be evenly distributed over the two (2) active projects.



- Each individual project shall be reported on separately.
- Neither expatriate Man-days of employment (i.e. those worked by American or other Third Country National staff) nor management nor administrative Man-days of employment (i.e. program level and other general and administrative staff shared among multiple task orders) shall be included in the Geo-MIS related reporting.
- Contractors shall provide the Engineer in writing with the classification of manpower (including subcontractors' staff) in accordance with Geo-MIS categories (Management, Engineers, Skilled Labor, Unskilled Labor and other).
- GEO-MIS activity level indicator reporting shall be included in Monthly Reports submitted to the Contracting Officer Representative (COR) in accordance to contract requirements.



TO-15-00008 Construction Monthly Progress Report – March 2016

**USAID WEST BANK/ GAZA**  
**INFRASTRUCTURE NEEDS PROGRAM INPII**  
**CONTRACT NO.: AID-294-I-00-12-00002**  
**TASK ORDER NO.: AID-294-TO-15-00008**  
**PROJECT 1: GAZI (AL ATATRAH)**  
**Temporary Job Days Summary Report**

Task Order Name: **GAZI - Construction of Reservoirs and Pumping Facilities Package 1**  
 CONTRACTOR: **The Morganti Group, Inc.**

**PERIOD FROM: October 26 2015**  
**PERIOD TO: March 31, 2016**

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Segregation by Gender		Notes of Comments
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other			Male	Female	
October	2015	1.3	27.5	0.0	0.0	0.0	28.8	1.2	26.3	2.5	
November	2015	18.0	131.5	0.0	0.0	0.0	149.5	6.3	136.5	13.0	
December	2015	31.0	107.5	4.5	6.5	21.0	170.5	7.2	154.0	16.5	
January	2016	44.0	99.0	70.5	148.0	133.0	494.5	20.8	468.5	26.0	
February	2016	49.0	107.0	157.1	26.0	211.0	550.1	23.1	513.1	37.0	
March	2016	46	121	70	52	275	564.1	23.7	537.1	27.0	
April	2016										
May	2016										
June	2016										
July	2016										
August	2016										
September	2016										
<b>Sub-total of FY 2016</b>		<b>189.0</b>	<b>593.5</b>	<b>302.5</b>	<b>232.5</b>	<b>640.0</b>	<b>1957.5</b>	<b>82.2</b>	<b>1835.5</b>	<b>122.0</b>	
October	2016										
November	2016										
December	2016										
January	2017										
February	2017										
March	2017										
April	2017										
May	2017										
June	2017										
<b>Sub-total of FY 2017</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Grand Total FY 16 &amp; 17</b>		<b>189.0</b>	<b>593.5</b>	<b>302.5</b>	<b>232.5</b>	<b>640.0</b>	<b>1957.5</b>	<b>82.2</b>	<b>1835.5</b>	<b>122.0</b>	

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.

**Project 2 (NUS)**



TO-15-00008 Construction Monthly Progress Report – March 2016

**USAID WEST BANK/ GAZA**  
**INFRASTRUCTURE NEEDS PROGRAM INPII**  
**CONTRACT NO.: AID-294-I-00-12-00002**  
**TASK ORDER NO.: AID-294-TO-15-00008**  
**PROJECT 1: GAZI (Nuseirat)**  
**TEMPORARY JOB DAYS REPORT**

Gaza - Construction of Reservoirs and Pumping Facilities Package I

From: March 1, 2016 To: March 31, 2016

Period

CONTRACTOR: The Morganti Group, Inc.

SUBCONTRACTOR: 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	SAK Construction Manager	Quality Control Manager	Safety & Environmental Compliance Officer	Project Engineer	Project Control Engineer	Site Engineer	Electrical Engineer	Mechanical Engineer	Office Engineer (F)	Foreman	Skilled Labor	Operator	Flagman	Unskilled Labor	Surveyor	SAK - Safety & Environmental Compliance Officer	Driver	Office Boy	Guard							
March 1, 2016	4	0	4	4	8	4	8	4	4	8	0	0	0	0	16	12	8	0	8	12	1.5	4.5	0	2	5	12	1
March 2, 2016	4	0	4	4	8	4	0	4	4	8	0	0	0	0	0	4	8	0	8	12	1.5	3.5	0	0	4	8	1
March 3, 2016	4	0	4	4	8	4	0	4	4	8	0	0	0	0	0	4	8	0	8	12	1.5	3.5	0	0	4	8	1
March 4, 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	3	3	0
March 5, 2016	4	0	4	4	8	4	0	4	4	8	0	0	0	0	0	4	8	0	8	12	1.5	3.5	0	0	4	8	1
March 6, 2016	4	0	4	4	8	4	0	4	4	8	0	0	0	0	0	4	8	0	8	12	1.5	3.5	0	0	4	8	1
March 7, 2016	4	0	4	4	8	4	8	4	4	8	0	0	0	0	0	4	8	0	8	12	1.5	4.5	0	0	4	9	1
March 8, 2016	4	0	4	4	8	4	8	4	4	8	0	0	0	0	0	4	8	0	8	12	1.5	4.5	0	0	4	9	1
March 9, 2016	4	0	4	4	8	4	8	4	4	8	0	0	0	0	0	4	8	0	8	12	1.5	4.5	0	0	4	9	1
March 10, 2016	4	0	4	4	8	4	8	4	4	8	0	0	0	0	0	4	8	0	8	12	1.5	4.5	0	0	4	9	1



TO-15-00008 Construction Monthly Progress Report – March 2016

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	SAK Construction Manager	Quality Control Manager	Safety & Environmental Compliance Officer	Project Engineer	Project Control Engineer	Site Engineer	Electrical Engineer	Mechanical Engineer	Office Engineer (F)	Foreman	Skilled Labor	Operator	Flagman	Unskilled Labor	Surveyor	SAK - Safety & Environmental Compliance Officer	Driver	Office Boy								Guard
March 11, 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	3	3	0
March 12, 2016	4	2	4	4	8	4	8	4	4	8	0	0	0	0	0	4	8	0	8	12	1.75	4.5	0	0	4	9.25	1
March 13, 2016	4	2	4	4	8	4	8	4	4	8	0	0	0	0	0	4	8	0	8	12	1.75	4.5	0	0	4	9.25	1
March 14, 2016	4	2	4	4	8	4	0	4	4	8	0	0	0	0	0	4	8	0	8	12	1.75	3.5	0	0	4	8.25	1
March 15, 2016	4	2	4	4	8	4	0	4	4	8	0	0	0	0	16	4	8	0	8	12	1.75	3.5	0	2	4	10.25	1
March 16, 2016	4	2	4	4	8	4	0	4	4	8	0	0	0	0	16	4	8	0	8	12	1.75	3.5	0	2	4	10.25	1
March 17, 2016	4	2	4	4	8	4	0	4	4	8	0	0	2	0	16	4	8	0	8	12	1.75	3.5	0.25	2	4	10.5	1
March 18, 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	3	3	0
March 19, 2016	4	2	4	4	8	4	0	4	4	8	0	0	0	0	0	4	8	0	8	12	1.75	3.5	0	0	4	8.25	1
March 20, 2016	4	2	4	4	8	4	0	4	4	8	0	0	0	0	0	4	8	0	8	12	1.75	3.5	0	0	4	8.25	1
March 21, 2016	4	2	4	4	8	0	0	4	4	8	0	0	0	0	8	4	8	0	8	12	1.75	3	0	1	4	8.75	1
March 22, 2016	4	2	4	4	8	4	0	4	4	8	0	0	0	0	0	4	8	0	8	12	1.75	3.5	0	0	4	8.25	1
March 23, 2016	4	2	4	4	8	4	0	4	4	8	0	8	0	0	24	4	8	0	8	12	1.75	3.5	1	3	4	12.25	1
March 24, 2016	4	2	4	4	8	4	0	4	4	8	0	0	0	0	0	4	8	0	8	12	1.75	3.5	0	0	4	8.25	1



TO-15-00008 Construction Monthly Progress Report – March 2016

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	SAK Construction Manager	Quality Control Manager	Safety & Environmental Compliance Officer	Project Engineer	Project Control Engineer	Site Engineer	Electrical Engineer	Mechanical Engineer	Office Engineer (F)	Foreman	Skilled Labor	Operator	Flagman	Unskilled Labor	Surveyor	SAK - Safety & Environmental Compliance Officer	Driver	Office Boy								Guard
March 26, 2016	4	2	4	4	8	4	0	4	4	8	0	0	4	0	24	4	8	0	8	12	1.75	3.5	0.5	3	4	11.75	1
March 27, 2016	4	2	4	4	8	4	0	4	4	8	0	0	5	0	32	4	8	0	8	12	1.75	3.5	0.625	4	4	12.875	1
March 28, 2016	4	2	4	4	8	4	0	4	4	8	0	0	0	0	0	4	8	0	8	12	1.75	3.5	0	0	4	8.25	1
March 29, 2016	4	4	4	4	8	4	0	4	4	8	0	0	0	0	40	4	8	0	8	12	2	3.5	0	5	4	13.5	1
March 30, 2016	4	4	4	4	8	4	0	4	4	8	0	0	20	0	40	4	8	0	8	12	2	3.5	2.5	5	4	16	1
March 31, 2016	4	4	4	4	8	4	0	4	4	8	0	0	0	0	40	4	8	0	8	12	2	3.5	0	5	4	13.5	1
<b>Total of Month</b>	<b>108</b>	<b>42</b>	<b>108</b>	<b>108</b>	<b>216</b>	<b>104</b>	<b>56</b>	<b>108</b>	<b>108</b>	<b>216</b>	<b>0</b>	<b>8</b>	<b>31</b>	<b>0</b>	<b>272</b>	<b>116</b>	<b>216</b>	<b>0</b>	<b>216</b>	<b>420</b>	<b>45.8</b>	<b>101</b>	<b>4.9</b>	<b>34</b>	<b>121</b>	<b>279.6</b>	<b>27</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.

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In accordance to contract requirements and specifications, Contractors are requested to collect and report data on USAID Indicators using the attached Job-Days reports.

Contractors are requested to conform to Contract specifications and carefully consider the below requirements:



- All Job-Days reports' calculations shall be based on working hours.
- In the case of one task order with more than one project, Man-days of employment for staff assigned on Task Order level shall be equally distributed over the active projects. For example, a Task Order Manager's Man-days for a task order that consists of three (3) projects, two (2) of which are active, shall be evenly distributed over the two (2) active projects.
- Each individual project shall be reported on separately.
- Neither expatriate Man-days of employment (i.e. those worked by American or other Third Country National staff) nor management nor administrative Man-days of employment (i.e. program level and other general and administrative staff shared among multiple task orders) shall be included in the Geo-MIS related reporting.
- Contractors shall provide the Engineer in writing with the classification of manpower (including subcontractors' staff) in accordance with Geo-MIS categories (Management, Engineers, Skilled Labor, Unskilled Labor and other).
- GEO-MIS activity level indicator reporting shall be included in Monthly Reports submitted to the Contracting Officer Representative (COR) in accordance to contract requirements.



TO-15-00008 Construction Monthly Progress Report – March 2016

**USAID WEST BANK/ GAZA**  
**INFRASTRUCTURE NEEDS PROGRAM INPII**  
**CONTRACT NO.: AID-294-I-00-12-00002**  
**TASK ORDER NO.: AID-294-TO-15-00008**  
**PROJECT 1: GAZI (Nuseirat)**  
**Temporary Job Days Summary Report**

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

PERIOD FROM: October 26, 2015  
 PERIOD TO: March 31, 2016

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Segregation by Gender		Notes of Comments
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other			Male	Female	
October	2015	1.3	27.5	0.0	0.0	0.0	28.8	1.2	26.3	2.5	
November	2015	18.0	131.5	0.0	0.0	0.0	149.5	6.3	136.5	13.0	
December	2015	31.0	107.5	58.5	47.0	29.5	273.5	11.49	257.0	16.5	
January	2016	43.5	87.5	12.5	41.0	90.0	274.5	11.53	249.5	25.0	
February	2016	49.0	89.0	23.5	53.0	137.0	351.5	14.77	314.5	37.0	
March	2016	45.8	101.0	4.9	34.0	121.0	306.6	12.88	279.6	27.0	
April	2016										
May	2016										
June	2016										
July	2016										
August	2016										
September	2016										
Sub-total of FY 2016		188.5	544.0	99.4	175.0	377.5	1384.4	58.2	1263.4	121.0	
October	2016										
November	2016										
December	2016										
January	2017										
February	2017										
March	2017										
April	2017										
May	2017										
June	2017										
Sub-total of FY 2017		0	0	0	0	0	0	0	0	0	
Grand Total FY 16 & 17		188.5	544.0	99.4	175.0	377.5	1384.4	58.2	1263.4	121.0	

Note:

\* No of Full Time Equivalent (FTE) Jobs in the Month = Total Job Days / Avg. Days in the Month (23.8)

\*\* This data collection sheet is for Palestinian staff only, experts and foreign employee shall not be included.

# Annex I - Risk Register Log

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

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

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 handle	1

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

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



TO-15-00008 Construction Monthly Progress Report – March 2016

RISK IDENTIFICATION							RISK ASSESSMENT					RISK RESPONSE			MONOTRING & CONTROLLING	
REF	CATEGORY	RISK	RISK CAUSE	IMPACT /CONSE	RAISED BY	DATE RAISED	PROBA BILITY	IMPACT	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	TMGI	Closed	
2	Design															
3	Construction phase	Delay in project time schedule	Delay in deliver concrete additives and plywood boards	H	TMGI		3	3	9	High Cost Impact	Possible delay in start & finish of construction	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	

