



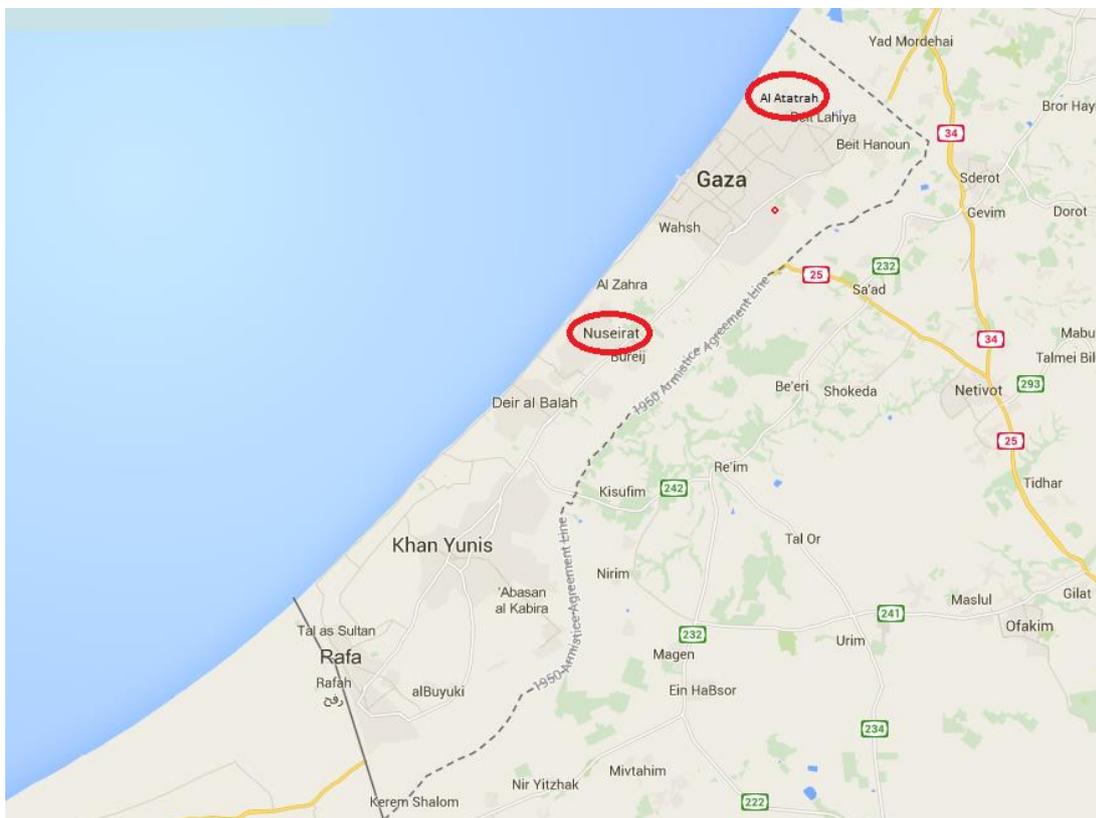
USAID
FROM THE AMERICAN PEOPLE

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.

December, 2015



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: December 1, 2015 – December 31, 2015

Contractor: The Morganti Group, Inc.

DISCLAIMER

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Table of Contents

| | |
|--|----|
| ABBREVIATION | 1 |
| 1. TASK ORDER OVERVIEW..... | 2 |
| 2. SCOPE OF WORK:..... | 3 |
| 3. SAFETY | 9 |
| 4. ENVIRONMENTAL COMPLIANCE | 9 |
| 5. TRAFFIC CONTROL MEASURES | 9 |
| 6. RISK MANAGEMENT & MITIGATION MEASURES | 10 |
| 7. COMMUNITY OUTREACH..... | 10 |
| 8. GENDER ACTION PLAN | 10 |
| 9. COORDINATION AND MEETINGS..... | 10 |
| 10. SITE VISITORS..... | 11 |
| 11. PROGRESS AND SCHEDULING | 11 |
| 12. INDICATORS..... | 12 |
| 13. WORKING / NON – WORKING DAYS | 13 |
| 14. MATERIAL & EQUIPMENT DELIVERED TO SITE | 13 |
| 15. SITE MEMOS..... | 13 |
| 16. INSPECTION REQUESTS | 13 |
| 17. QUALITY CONTROL AND TEST RESULTS..... | 14 |
| 18. TEST RESULTS | 14 |
| 19. SUBMITTALS..... | 14 |
| 20. REQUEST FOR INFORMATION..... | 14 |
| 21. TRANSMITTALS | 14 |
| 22. PAYMENTS..... | 20 |
| 23. VARIATION ORDERS | 20 |
| 24. VARIATION ORDER REQUESTS..... | 20 |
| 25. OBSTACLES AND CHALLENGES..... | 20 |
| 26. PROGRESS PHOTOS | 21 |



| | |
|---|------------|
| ANNEXES | 40 |
| ANNEX A - MATERIALS- EQUIPMENT RECEIVING LOG | 41 |
| ANNEX B – SUBMITTED ORIGINAL CBM BASELINE SCHEDULE | 43 |
| ANNEX C - PROGRESS S - CURVE | 75 |
| ANNEX D - ONE MONTH LOOK AHEAD | 77 |
| ANNEX E - SITE MEMOS LOG | 83 |
| ANNEX F - INSPECTION REQUEST LOG..... | 85 |
| ANNEX G - SUBMITTAL LOG | 88 |
| ANNEX H –REQUEST FOR INFORMATION LOG | 95 |
| ANNEX I - GEO-MIS DATA | 97 |
| ANNEX J - RISK REGISTER LOG..... | 110 |

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 3800m³ 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 3800m³ 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

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

1.3. Task Order Key Personnel:

| No. | Name | Position | Approved Date | Start Date on Site |
|-----|-------------------|---|-------------------|--------------------|
| 1 | Samir Arafat | Task Order Manager | November 4, 2015 | November 4, 2015 |
| 2 | Hussam Melhem | Quality Control Manager | December 10, 2015 | December 10, 2015 |
| 3 | Salim Abu Rafea' | Safety and Environmental Compliance Officer | December 10, 2015 | - |
| 4 | Tareq Al Sayegh | Project Control Engineer | December 10, 2015 | December 10, 2015 |
| 5 | Nabeel Abo Moussa | Surveyor | December 10, 2015 | - |

2. Scope of Work:

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

2.1.1. Project 1 General Information

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

2.1.2. Vantage photo:



2.1.3. Project 1 Key Maps



Al Attrah Reservoir and Pumping Facilities

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

A. Construction of Facilities

1. Al Attrah Reservoir– Construct new 3,800 m³
2. Al Attrah Booster Pump Station – Construct new.
3. Al Attrah Skid Mounted Booster Pump Station – Furnish & Install new.

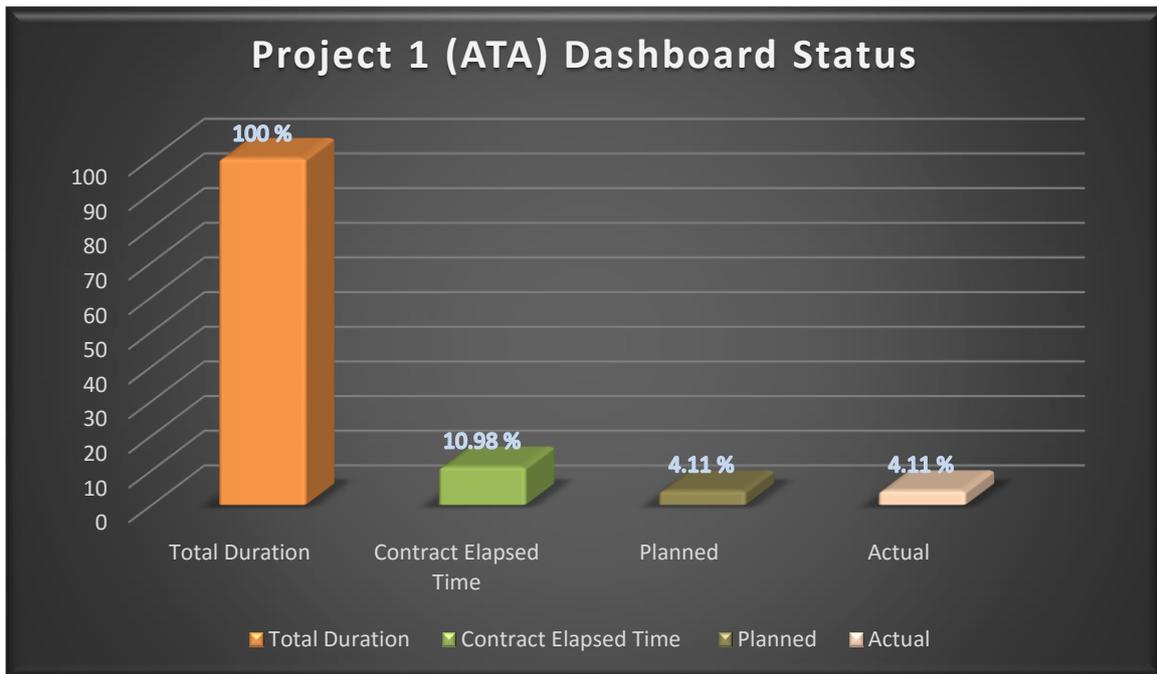
B. Construction of New Supply & Distribution Pipelines

Supply Line 1 (280 mm x 0.63 km and 160 mm x 1.34 km)

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

2.1.4. Project 1 Dashboard Status

| | |
|---|-------------|
| Contract Elapsed Time as of December 31, 2015 [%] | 10.98% |
| Planned Percentage of Completion through December 31,2015 [%] | 4.11% |
| Actual Percentage of Completion through December 31, 2015 [%] | 4.11% |
| Float (Days) | On schedule |



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

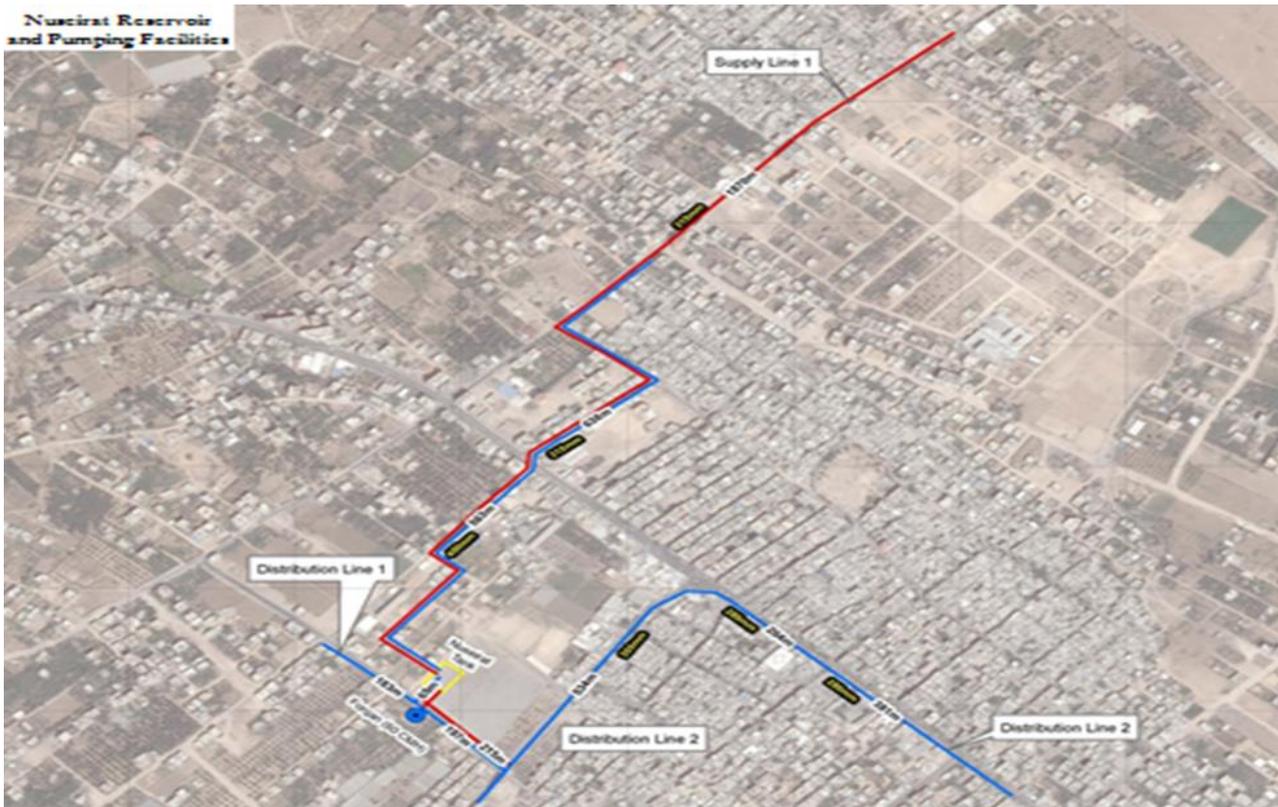
2.2.1. Project 2 General Information

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

2.2.2. Vantage photo:



2.2.3. Project 2 Key Maps



Nuseirat Reservoir and Pumping Facilities

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

A. Construction of Facilities

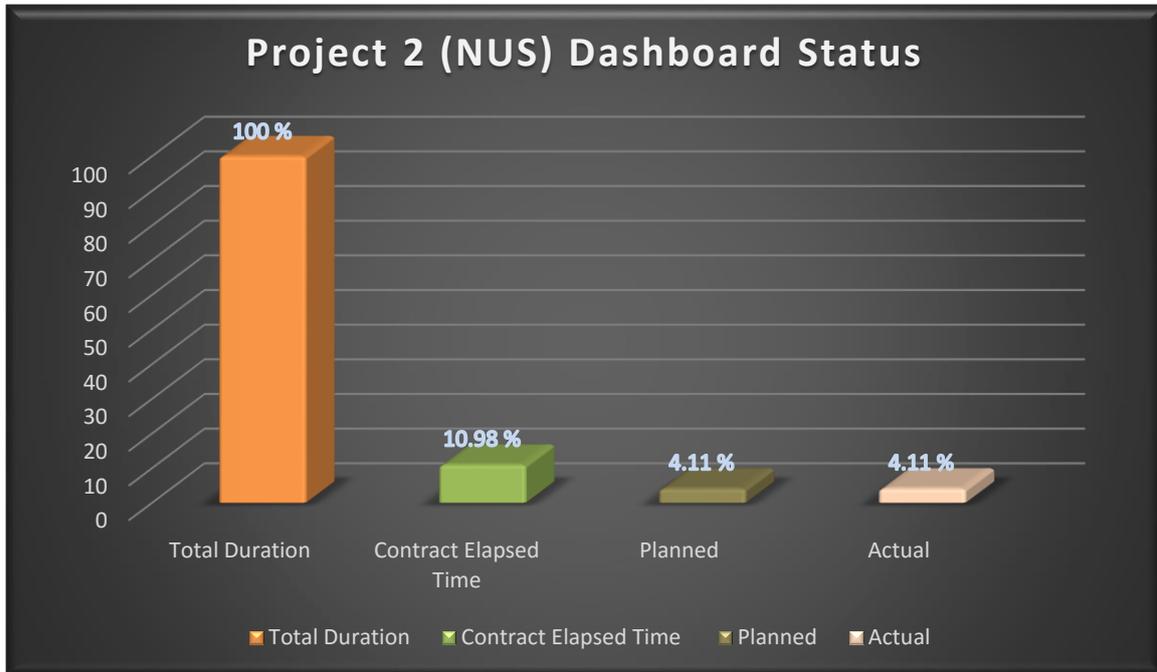
1. Nuseirat Reservoir – Construct new 3,800 m³
2. Nuseirat Booster Pump Station – Construct new.

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)

2.2.4. Project 2 Dashboard Status

| | |
|---|-------------|
| Contract Elapsed Time as of December 31, 2015 [%] | 10.98% |
| Planned Percentage of Completion through December 31,2015 [%] | 4.11% |
| Actual Percentage of Completion through December 31, 2015 [%] | 4.11% |
| Float (Days) | On schedule |



3. Safety

Safety Plan was prepared and submitted for CMC approval on Dec. 20, 2015, waiting CMC response. Preparing Safety Procedures for project activities is in process.

3.1. Safety Meetings

3.1.1. Project 1 (ATA)

Health, Safety & Environmental Orientation for Engineers was conducted as shown in below log:

| Date | Tool Box No. | Location | Description |
|-------------------|---------------------------|-------------|----------------------------------|
| December 19, 2015 | TBM-15-00008-GAZI-C-E-001 | Main Office | Safety Orientation for Engineers |

3.1.2. Project 2 (NUS)

Health, Safety & Environmental Orientation for Engineers was conducted as shown in below log:

| Date | Tool Box No. | Location | Description |
|-------------------|---------------------------|-------------|----------------------------------|
| December 19, 2015 | TBM-15-00008-GAZI-C-E-001 | Main Office | Safety Orientation for Engineers |

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

Environmental Monitoring & Mitigation Plan was prepared and submitted to CMC/BV on December 13, 2015 and return to TMGI from CMC/B&V on December 16, 2015 with status **B**

4.1.1. Project 1 (ATA)

None reported during this reporting period.

4.1.2. Project 2 (NUS)

None reported during this reporting period

5. Traffic Control Measures

5.1.1. Project 1 (ATA)

TMGI submitted the traffic control measurement in December 20, 2015. And under CMC/B&V Review.

5.1.2. Project 2 (NUS)

TMGI submitted the traffic control measurement in December 20, 2015. And under CMC/B&V Review.

6. Risk Management & Mitigation Measures

TMGI submitted the Risk Management and Mitigation Measures in December 15, 2015 and return to TMGI with CMC/B&V comments in December 29, 2015, TMGI will resubmit once it ready.

6.1. Risk Register Log

None issued during this reporting period.

6.1.1. Project 1 (ATA)

None issued during this reporting period.

6.1.2. Project 2 (NUS)

None issued during this reporting period.

For more information, please refer to Annex J

7. Community Outreach

7.1.1. Project 1 (ATA)

The Project Flyers was approved by USAID, Flyers will be printed and distributed during the next reporting period.

Furthermore, and as per the RFTOP requirements, two project signs already installed in their approved locations.

7.1.2. Project 2 (NUS)

The Project Flyers was approved by USAID, Flyers will be printed and distributed during the next reporting period.

Furthermore, and as per the RFTOP requirements, two project signs already installed in their approved locations.

8. Gender Action Plan

TMGI was provided sanitary facilities and making the sites accessible for females as well as for males.

TMGI hired female office manager to coordinate the office works.

9. Coordination and Meetings

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

| Coordination Meeting | | | | |
|----------------------|------------------------|---------------------------------|--|-------------------------------------|
| Date | Attendees | Subject | Description | Location |
| December 7, 2015 | USAID, CMC/BV and TMGI | Bi-weekly Progress meeting #001 | Meeting Minutes TO-15-00008, Construction of Reservoir and Pumping Facilities Package 1-GAZI | B&V Main Office Ramallah, Palestine |

| | | | | |
|--------------------------|-------------------------------|--------|------------------|-----------------------------|
| December 18, 2015 | Civil Administration and TMGI | GRAMMS | GRAMMS operation | Civil Administration office |
|--------------------------|-------------------------------|--------|------------------|-----------------------------|

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

10. Site Visitors

No visitors during this reporting period

| Date | Time | Representative | Representing | Remarks |
|-------------------------|------|----------------|--------------|---------|
| Project 1 (ATA) | | | | |
| | | | | |
| Project 2 (NUS) | | | | |
| | | | | |

11. Progress and Scheduling

The Preliminary Progress Schedule (60 Day Plan of Operation) was submitted and approved during this reporting period, and the original CPM submittal is submitted in December 26, 2015. And under CMC/B&V Review.

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

11.1. Activities During This Reporting Period

11.1.1. Project 1 (ATA)

- 11.1.1.1. Preparation of Preconstruction & Construction Submittal
- 11.1.1.2. Preparation works for the primary office.
- 11.1.1.3. Install the temporary project signs.
- 11.1.1.4. Compressive test for concrete trail job mix (7 Days).

11.1.2. Project 2 (NUS)

- 11.1.2.1. Preparation of Preconstruction & Construction Submittal
- 11.1.2.2. Preparation works for the secondary office
- 11.1.2.3. Preparation works for the storage yard
- 11.1.2.4. Dilapidation Survey
- 11.1.2.5. Site survey verification.
- 11.1.2.6. Install the temporary project signs
- 11.1.2.7. Compressive test for concrete trail job mix (7 Days).

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. Prepare and submit all remaining pre-construction submittals.
- 11.2.1.2. Continue preparation and submit the construction submittals.
- 11.2.1.3. Complete primary and secondary site offices preparation.

- 11.2.1.4. Coordination with the CMWU & PWA.
- 11.2.1.5. Prepare procurement orders for mobilization requirements and ABC material.
- 11.2.1.6. Completing mobilization activities during next month plan.

11.2.2. Project 2 (NUS)

- 11.2.2.1. Prepare and submit all remaining pre-construction submittals.
- 11.2.2.2. Continue preparation and submit the construction submittals.
- 11.2.2.3. Coordination with the CMWU & PWA.
- 11.2.2.4. Prepare procurement orders for mobilization requirements and ABC material.
- 11.2.2.5. Completing mobilization activities during next month plan.

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 Atatrah | Total number of Beneficiaries | Male | | Female | |
|--------------------------|----------------------------------|--------|-----|--------|-----|
| | | No. | % | No. | % |
| Target | 59,444 | 30,316 | 51% | 29,128 | 49% |
| Actual | 0 | 0 | 0% | 0 | 0% |

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

| Project 1: Al Atatrah | Total number (Person Days) | Male | | Female | |
|--|-------------------------------|-------|---|--------|---|
| | | No. | % | No. | % |
| Target | 18350 | 16384 | | 1966 | |
| Actual Previously | 178.3 | 162.8 | | 15.5 | |
| Actual during this reporting pe- riod | 170.5 | 154 | | 16.5 | |
| Total actual | 348.8 | 316.8 | | 32.0 | |

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. | % |
| Target | 104,622 | 53,357 | 51% | 51,265 | 49% |
| Actual | 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. | % |
| Target | 18350 | 16384 | | 1966 | |
| Actual Previously | 178.3 | 162.8 | | 15.5 | |
| Actual during this reporting pe- riod | 273.5 | 257 | | 16.5 | |
| Total actual | 451.8 | 419.8 | | 32.0 | |

13. Working / Non – Working Days

13.1. Project 1 (ATA)

| | | |
|----|--|------------|
| 1 | Total Period of Performance (Original) | 610 |
| 2 | Total Excusable delays/approved extensions | 0 |
| 3 | Modified Period of Performance | - |
| 4 | Modified Completion Date | - |
| 5 | No. of Working Days during this reporting Period | 27 |
| 6 | Accumulated Working Days | 58 |
| 7 | Total No. of non-working days (Holidays and weekends) during this reporting Period | 4 |
| 8 | Accumulated non-working days (Holidays and weekends) | 9 |
| 9 | No. of other non-working days during this month | 0 |
| 10 | Accumulated other non-working days | 0 |

13.2. Project 2 (NUS)

| | | |
|----|--|------------|
| 1 | Total Period of Performance (Original) | 610 |
| 2 | Total Excusable delays/approved extensions | 0 |
| 3 | Modified Period of Performance | - |
| 4 | Modified Completion Date | - |
| 5 | No. of Working Days during this reporting Period | 27 |
| 6 | Accumulated Working Days | 58 |
| 7 | Total No. of non-working days (Holidays and weekends) during this reporting Period | 4 |
| 8 | Accumulated non-working days (Holidays and weekends) | 9 |
| 9 | No. of other non-working days during this month | 0 |
| 10 | Accumulated other non-working days | 0 |

14. Material & equipment delivered to site

14.1. Project 1 (ATA)

None issued during this reporting period.

14.2. Project 2 (NUS)

None issued during this reporting period.

For more details, please refer to Annex **A**

15. Site Memos

15.1. Project 1 (ATA)

None issued during this reporting period.

15.2. Project 2 (NUS)

None issued during this reporting period.

For more details, please refer to Annex **E**

16. Inspection Requests

16.1. Project 1 (ATA)

During this reporting period, 2 inspection requests were issued.

16.2. Project 2 (NUS)

During this reporting period, 2 inspection requests were issued.

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

17. Quality Control and Test Results

The Quality Control Plan (QCP) submitted to CMC / BV on December 20, 2015 and under CMC/B&V review.

18. Tests Results

18.1. Project 1 (ATA)

None issued during this reporting period.

18.2. Project 2 (NUS)

None issued during this reporting period.

19. Submittals

Both pre-construction and construction submittals are ongoing. While the construction submittals will be on going during the next reporting period.

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

20. Request for Information

20.1. Project 1 (ATA)

During this reporting period, 3 RFIs were issued.

20.2. Project 2 (NUS)

During this reporting period, 3 RFIs were issued.

For more information, please refer to **Annex H**

21. Transmittals

21.1. Correspondence from USAID

| No. | Description | Date |
|-----|-------------------------|-------------------|
| 1 | Key Personnel Approval. | December 10, 2015 |

21.2. Outgoing / Incoming USAID Transmittals (TMGI/ USAID)

| Date | Contractor Trans. No. | Sender / Recipient | Subject |
|-------------------|-----------------------|--------------------|--|
| December 01, 2015 | By Email | TMGI/USAID | FW: Formwork - GRAMM - Password - Flowchart |
| December 06, 2015 | By Email | TMGI/USAID | TO 15 00008 GAZI: Vetting Request : Mustafa Company and his Sons for Engineering and Trading - Gen Set |

| | | | |
|-------------------|----------|------------|---|
| December 07, 2015 | By Email | TMGI/USAID | RE: Al Atatrah & Nuseirat Reservoirs and Pumping Facilities - Gaza I AID-294-I-00-12-00002 - AID-294-TO-15-00008 - Key Personnel - No Objection Request |
| December 07, 2015 | By Email | TMGI/USAID | ANRP TO 008 GAZ I Project Accruals |
| December 12, 2015 | By Email | TMGI/USAID | RE: Al Atatrah & Nuseirat Reservoirs and Pumping Facilities - Gaza I AID-294-I-00-12-00002 - AID-294-TO-15-00008 - Third Tier Contractors & Direct Employed SC - Vetting Approval |
| December 14, 2015 | By Email | TMGI/USAID | TO 15 00008 GAZI: Vetting Request for Vetting Request : Al Ta'awon Company for concrete and building Material & Palestinian Arabesque |
| December 14, 2015 | By Email | TMGI/USAID | RE: Concern with the accuracy of Daily Joint Reports |
| December 15, 2015 | By Email | TMGI/USAID | |
| December 15, 2015 | By Email | TMGI/USAID | RE: TO 15-00008-GAZI : Project Insurance Policies_ Part 2 of 2 |
| December 21, 2015 | By Email | TMGI/USAID | RE: TO-15-00008-GAZI: GRAMMS List 15-00008-001 |
| December 23, 2015 | By Email | TMGI/USAID | TO 15 00008 GAZI: Vetting Request Multi Crane for Technology and Construction - Form Work Supplier |
| December 24, 2015 | By Email | TMGI/USAID | RE: TO-15-00009-GAZII GRAMMS List 15-00009-001 |
| December 27, 2015 | By Email | TMGI/USAID | |

21.3. Transmittals from Contractor to Engineers

| Contractors to Engineer | Description | Issued Date | Response Date |
|----------------------------------|--|-------------------|-------------------|
| TRS-15-00008-GAZI-C-E-007 | 1. Engineers Computer Systems & Miscellaneous. | December 03, 2015 | December 15, 2015 |
| | 2. PVC Pipes & Fittings. | December 03, 2015 | December 28, 2015 |
| | 3. PVC Water Stop. | December 03, 2015 | December 14, 2015 |
| | 4. Expandable Water Stop. | December 03, 2015 | December 15, 2015 |
| | 5. Stainless Steel Spool. | December 03, 2015 | December 14, 2015 |
| | 6. Perforated pipe. | December 03, 2015 | December 16, 2015 |
| TRS-15-00008-GAZI-C-E-008 | 1. Al Atatrah Temporary Project Signs Location | December 07, 2015 | December 14, 2015 |
| | 2. Reservoir drain (Washout pipe) | December 07, 2015 | December 14, 2015 |

| | | | |
|----------------------------------|---|-------------------|-------------------|
| | 3. Al Atatrah Survey Grid & Contour Lines Shop Drawings | December 29, 2015 | December 14, 2015 |
| | 4. Nusierat Survey Grid & Contour Lines Shop Drawings | December 28, 2015 | December 28, 2015 |
| | 5. Storage Yard. | December 23, 2015 | December 14, 2015 |
| TRS-15-00008-GAZI-C-E-009 | 1. Dilapidation Survey for AL2, AL S1, AL S2 & AL S3. | December 10, 2015 | December 23, 2015 |
| | 2. Dumping Site. | December 10, 2015 | December 15, 2015 |
| | 3. Ready Mix Concrete Batching Plant. The Arab Contracting & Concrete Industries Co. (ACCI) | December 10, 2015 | December 23, 2015 |
| | 4. Grounding system materials. | December 10, 2015 | December 23, 2015 |
| | 5. Cement Supplier: Sanad Construction Industries | December 10, 2015 | December 15, 2015 |
| TRS-15-00008-GAZI-C-E-010 | 1. Environmental Monitoring & Mitigation Plan | December 13, 2015 | December 16, 2015 |
| | 2. Reinforcement Steel Manufactures (Data Sheet Turkish Products) | December 13, 2015 | December 15, 2015 |
| | 3. Butterfly Valve, Manufacture: PAM SAINT-GOBAIN | December 13, 2015 | December 21, 2015 |
| | 4. Main Distribution Board. | December 13, 2015 | December 25, 2015 |
| | 5. Sub Distribution Board & Load Schedule | December 13, 2015 | December 29, 2015 |
| | 6. Cable Ladder | December 13, 2015 | December 24, 2015 |
| | 7. Cable Lugs | December 13, 2015 | December 24, 2015 |
| | 8. Colored PVC Pipes | December 13, 2015 | December 25, 2015 |
| | 9. Warning Tape | December 13, 2015 | December 25, 2015 |
| | 10. Flexible Conduit | December 13, 2015 | December 25, 2015 |
| TRS-15-00008-GAZI-C-E-011 | 1. Engineer's Primary Field Office. | December 14, 2015 | December 23, 2015 |
| | 2. Disconnect Switch. | December 14, 2015 | December 25, 2015 |
| | 3. Disconnect Switch for Pumps | December 14, 2015 | December 25, 2015 |
| | 4. Cable Glands | December 14, 2015 | December 25, 2015 |
| | 5. Metal Box | December 14, 2015 | December 25, 2015 |
| | 6. Power Cable | December 14, 2015 | December 25, 2015 |

| | | | |
|----------------------------------|--|-------------------|-------------------|
| | 7. PVC Fittings (Electrical) | December 14, 2015 | December 25, 2015 |
| | 8. PVC Pipe (Electrical) | December 14, 2015 | December 25, 2015 |
| | 9. Solvent Cement for PVC Systems | December 14, 2015 | December 28, 2015 |
| | 10. Receptacles and Switches | December 14, 2015 | December 25, 2015 |
| | 11. Gate Valves. | December 14, 2015 | December 25, 2015 |
| | 12. Conduits for Electrical works (Galvanized Steel Pipes). | December 14, 2015 | Under Review |
| | 13. External Hot Galvanized Steel Light Poles. | December 14, 2015 | Under Review |
| | 14. Nuseirat Diesel Generator (300KW). | December 14, 2015 | Under Review |
| | 15. Al Atatrah Diesel Generator (250 KW) | December 14, 2015 | December 28, 2015 |
| TRS-15-00008-GAZI-C-E-012 | 1. Construction Risk Management Program (CRMP) | December 15, 2015 | December 29, 2015 |
| | 2. Lighting Fixtures | December 15, 2015 | Under Review |
| | 3. 1" & 2" Combination Air Valves | December 15, 2015 | Under Review |
| | 4. 3" & 4" Combination Air Valves | December 15, 2015 | Under Review |
| | 5. Ball Valves DN50 & Smaller | December 15, 2015 | December 30, 2015 |
| | 6. Electromagnetic Flow Meter | December 15, 2015 | Under Review |
| | 7. Pressure Level Transmitters | December 15, 2015 | Under Review |
| TRS-15-00008-GAZI-C-E-013 | 1. List of permits & Licenses | December 16, 2015 | December 28, 2015 |
| | 2. Dilapidation Survey for Nuseirat Reservoir / Pumping Facilities Yard & Pipelines. | December 16, 2015 | Under Review |
| | 3. Dilapidation Survey for Al Atatrah Reservoir / Pumping Facilities Yard. | December 16, 2015 | December 25, 2015 |
| TRS-15-00008-GAZI-C-E-014 | 1. Submittals Schedule | December 20, 2015 | Under Review |
| | 2. Quality Control Program (QCP) | December 20, 2015 | Under Review |
| | 3. Safety Plan | December 20, 2015 | Under Review |
| | 4. Al Atatrah Traffic Plan | December 20, 2015 | Under Review |

| | | | |
|---------------------------------------|---|-------------------|-------------------|
| | 5. Nuseirat Traffic Plan | December 20, 2015 | Under Review |
| | 6. Ready Mix Concrete Batching Plant (Al-Taawn Company for ready mix concrete) | December 20, 2015 | December 24, 2015 |
| | 7. Back Flow Preventer | December 20, 2015 | Under Review |
| | 8. PVC Box (Electrical) | December 20, 2015 | Under Review |
| | 9. Float Level Switch | December 20, 2015 | Under Review |
| | 10. Flow Switch | December 20, 2015 | Under Review |
| | 11. Expansion Joint | December 20, 2015 | Under Review |
| | 12. Key Personnel | December 20, 2015 | Under Review |
| TRS-15-00008- GAZI-C-E-015 | 1. Substitution NJ Barriers with Steel | December 22, 2015 | |
| | 2. Perforated Pipes | December 22, 2015 | |
| | 3. Data cable – CAT 6A | December 22, 2015 | Under Review |
| | 4. Installation Wire | December 22, 2015 | Under Review |
| | 5. Intrusion System | December 22, 2015 | Under Review |
| | 6. Fire Alarm System | December 22, 2015 | Under Review |
| | 7. Control & Signal Cable | December 22, 2015 | Under Review |
| | 8. Flanged coupling adapters (PN16) For Ductile Iron Pipes | December 22, 2015 | Under Review |
| | 9. Flanged coupling adapters (PN16) For Steel Pipes | December 22, 2015 | Under Review |
| | 10. Pressure Gauges & Snubbers | December 22, 2015 | Under Review |
| | 11. Strainer | December 22, 2015 | Under Review |
| | 12. Al Atatrah Grade 3800M3 Reservoir Shop Drawing / Structural & Architectural | December 22, 2015 | Under Review |
| TRS-15-00008- GAZI-C-E-016 | 1. Third Party Testing Labs | December 23, 2015 | Under Review |
| | 2. Submersible Grinder Pump with float | December 23, 2015 | Under Review |
| | 3. Flap Valve | December 23, 2015 | Under Review |
| | 4. Nuseirat Grade 3800M3 Reservoir Shop Drawing / Structural & Architectural | December 23, 2015 | Under Review |

| | | | |
|---------------------------------------|--|-------------------|--------------|
| TRS-15-00008- GAZI-C-E-017 | 1. General Construction Method Statement | December 26, 2015 | Under Review |
| | 2. Plumbing Fixtures | December 26, 2015 | Under Review |
| | 3. Disinfection System Instruments | December 26, 2015 | Under Review |
| | 4. Original CPM Schedule | December 26, 2015 | Under Review |

21.4. Transmittals from Engineers to Contractor

| Engineers to Contractor | Description | Submitting Date |
|---------------------------------------|---|-------------------|
| TRS-15-00008- GAZI-E-C-006 | 1.Environmental Monitoring & Mitigation Plan | December 1,2015 |
| TRS-15-00008- GAZI-E-C-007 | 1. Nuseirat Temporary Project Signs Location | December 2,2015 |
| TRS-15-00008- GAZI-E-C-008 | 1. Storage Yard | December 06, 2015 |
| TRS-15-00008- GAZI-E-C-009 | 1. Preliminary Progress Schedule Submittal (60 Day Plan of Operation) 2. Dilapidation Survey for AL1 (Distribution line from St.1+000 to 1+980 at AL Atatrah). 3. Project Insurance Policies 4. Third Party Testing Labs | December 8, 2015 |
| TRS-15-00008- GAZI-E-C-010 | 1. Storage Yard 2. PVC \Water Stop, Product Name: Super cast Water Foil Manufacturer: FOSROC 3. Stainless Steel Spool 4. AL Atatrah Temporary Project Signs Location | December 14, 2015 |
| TRS-15-00008- GAZI-E-C-011 | 1. Engineers Computer Systems & Miscellaneous 2. Expandable Water Stop 3. Dumping Site 4. Cement Supplier: Sanad Construction Industries 5. Reinforcement Steel Manufactures. | December 15, 2015 |
| TRS-15-00008- GAZI-E-C-012 | 1. Environmental Monitoring & Mitigation Plan 2. Perforated Pipe. | December 16, 2015 |
| TRS-15-00008- GAZI-E-C-013 | 1. General Construction Method Statement | December 17, 2015 |
| TRS-15-00008- GAZI-E-C-014 | 1.EUROSTOP Butterfly Valve Manufacture: PAM SAINT-GOBAIN | December 21, 2015 |
| TRS-15-00008- GAZI-E-C-015 | 1. Dilapidation Survey for AL2, AL S1, AL S2 & AL S3 2. Dilapidation Survey for Al Atatrah Reservoir / Pumping Facilities Yard. 3. Engineers Primary Field Office. 4. Ready Mix Concrete Batching Plant the Arab Contracting & Concrete Industries Co. (ACCI). | December 23, 2015 |
| TRS-15-00008- GAZI-E-C-016 | 1. Grounding system materials: • Grounding cable (PAMUKKALE KABLO). • Grounding Materials Datasheets (YAKIR Industries Ltd). 2. Main Distribution Board | December 24, 2015 |

| | | |
|----------------------------------|--|-------------------|
| | 3. Cable Ladder 4. Cable Lugs 5. Colored PVC Pipes 6. Warning Tape 7. Flexible Conduit 8. Disconnect Switch 9. Disconnect Switch for Pumps | |
| TRS-15-00008-GAZI-E-C-017 | 1. Dilapidation Survey for Nuseirat Reservoir / Pumping Facilities Yard & Pipelines. 2. Key Personnel. | December 24, 2015 |
| TRS-15-00008-GAZI-E-C-018 | 1. Long delivery period for 160mm UPVC pipes (PN16). 2. Substitution New Jersey Barriers with steel mini guard. | December 27, 2015 |
| TRS-15-00008-GAZI-E-C-019 | 1. PVC Pipes & Fittings. | December 28, 2015 |
| TRS-15-00008-GAZI-E-C-020 | 1. List of permits & Licenses. 2. Nuseirat Survey Grid & Contour Lines. 3. Solvent Cement for PVC Systems. 4. Al Atatrah Diesel Generator (250 KW). | December 28, 2015 |
| TRS-15-00008-GAZI-E-C-021 | 1. Al Atatrah Survey Grid & Contour Lines. 2. SBD Distribution Board & Load Schedule. 3. Construction Risk Management Program (CRMP). | December 29, 2015 |
| TRS-15-00008-GAZI-E-C-022 | 1. Ball Valves DN50 & Smaller. | December 30, 2015 |

22. Payments

None issued during this reporting period.

| Invoice No. | Invoiced Amount | Cumulative Amount | Task Order Amount | Remaining Amount | Date Submitted to B&V |
|-------------|-----------------|-------------------|-------------------|------------------|-----------------------|
| | | | | | |

23. Variation Orders

None issued during this reporting period.

24. Variation Order Requests

None issued during this reporting period.

25. Obstacles and Challenges

25.1. Project 1 (ATA)

The project is still in the preparation phase, accordingly, there are no seen obstacles observed.

25.2. Project 2 (NUS)

The project is still in the preparation phase, accordingly, there are no seen obstacles observed

26. Progress Photos

26.1. Project 1 (ATA)



(TMGI & CMC Staff Meeting at The Primary Office)





(Health, Safety & Environmental Orientation for Engineers)





(Install The Temporary Project Signs)



(Install The Temporary Project Signs)



(Install The Temporary Project Signs)



(Install The Temporary Project Signs)



(Install The Temporary Project Signs)



(Install The Temporary Project Signs)





(Primary Field Office Furniture)





(Compressive Test for Concrete Trail Mix (7 Days))



(Compressive Test for Concrete Trail Mix (7 Days))



(Compressive Test for Concrete Trail Mix (7 Days))

26.2. Project 2 (NUS)



(Preparation Works for The Secondary Office)



(Preparation Works for The Secondary Office)



(Preparation works for the secondary office)



(Preparation Works for The Secondary Office)





(Nuseirat Secondary Office)





(Health, Safety & Environmental Orientation for Engineers)



(Install The Temporary Project Signs)



(Install The Temporary Project Signs)



(Install The Temporary Project Signs)



(Install The Temporary Project Signs)



(Preparation Works for The Storage Yard)



(Preparation Works for The Storage Yard)



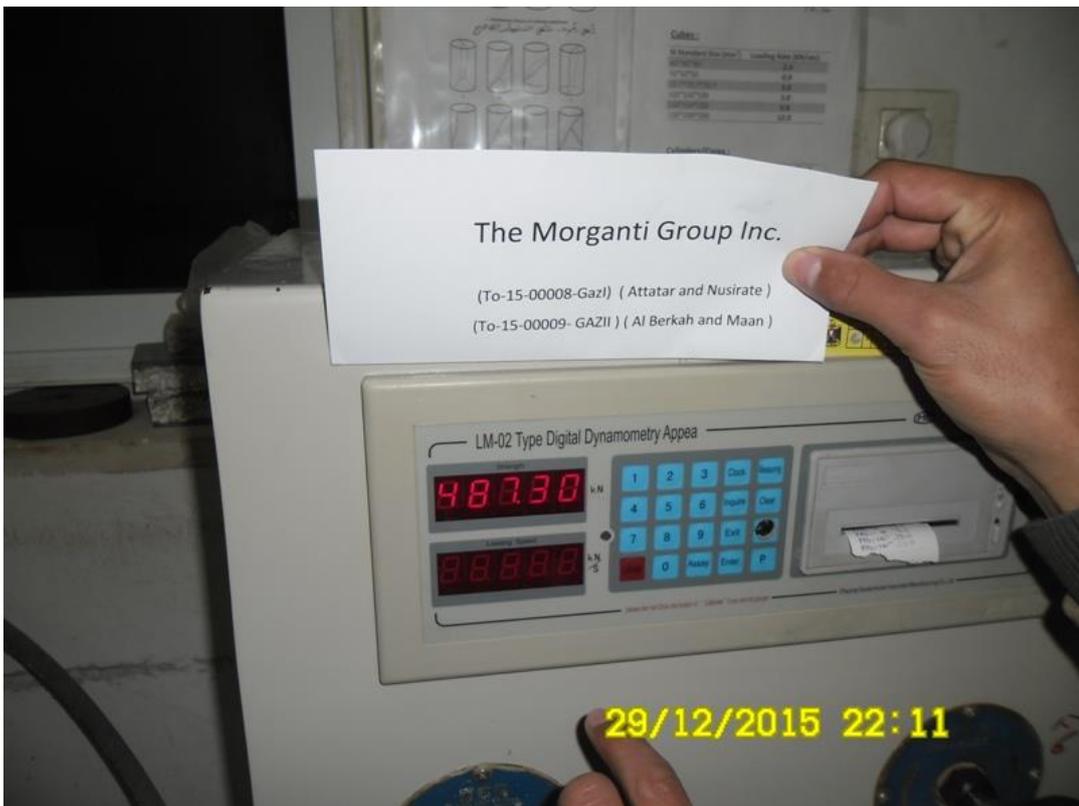
(Preparation Works for The Storage Yard)



(Preparation Works for The Storage Yard)



Compressive test for concrete trail job mix (7 Days)



Compressive test for concrete trail job mix (7 Days)



Compressive test for concrete trail job mix (7 Days)

ANNEXES

Annex A - Materials- Equipment Receiving Log

Project 1 (ATA)
Materials Delivered on Site:

| Item | Description | Quantity | Location |
|------|-------------|----------|----------|
| - | - | - | - |
| - | - | - | - |

Equipment on Site:

| Description | Quantity | Hours |
|-------------|----------|-------|
| - | - | - |
| | | |

Project 2 (NUS)
Materials Delivered on Site:

| Item | Description | Quantity | Location |
|------|-------------|----------|----------|
| - | - | - | - |
| - | - | - | - |

Equipment on Site:

| Description | Quantity | Hours |
|-------------|----------|-------|
| - | - | - |
| | | |

Annex B – Submitted Original CBM Baseline Schedule

| TO 15-08 GAZI - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package I | | | | 03-Jan-16 14:26 | | | | | | | | | | | | | | | | | | | |
|--|---|-------------------|-------------|-----------------|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| TO 15-08 GAZI - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package I | | | | | | | | | | | | | | | | | | | | | | | |
| Milestones | | | | | | | | | | | | | | | | | | | | | | | |
| General Milestones | | | | | | | | | | | | | | | | | | | | | | | |
| A1000 | Notice To Proceed (NTP) | 0d | 26-Oct-15A | | ◆ Notice To Proceed (NTP) | | | | | | | | | | | | | | | | | | |
| A1010 | Project Duration | 610d | 26-Oct-15A | 25-Jun-17 | Project Duration | | | | | | | | | | | | | | | | | | |
| A1020 | Completion Date | 0d | | 25-Jun-17* | ◆ Completion Date | | | | | | | | | | | | | | | | | | |
| Intermediate Milestones | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-IA-01 | Start of Mobilization | 0d | 26-Oct-15A | | ◆ Start of Mobilization | | | | | | | | | | | | | | | | | | |
| GAZI-IA-02 | Finish of Mobilization | 0d | | 23-Jan-16* | ◆ Finish of Mobilization | | | | | | | | | | | | | | | | | | |
| GAZI-IA-03 | Start of Pre-Construction Submittals | 0d | 26-Oct-15A | | ◆ Start of Pre-Construction Subm... | | | | | | | | | | | | | | | | | | |
| GAZI-IA-04 | Finish of Pre-Construction Submittals | 0d | | 28-Jan-16 | ◆ Finish of Pre-Construction Sub... | | | | | | | | | | | | | | | | | | |
| GAZI-IA-05 | Start of Construction Submittals | 0d | 30-Nov-15A | | ◆ Start of Construction Submitta... | | | | | | | | | | | | | | | | | | |
| GAZI-IA-06 | Finish of Construction Submittals | 0d | | 15-Jun-16 | ◆ Finish of construction Submitt... | | | | | | | | | | | | | | | | | | |
| GAZI-IA-07 | Start of Construction at Project 01 - Al Alatrash Reservoir and Pumping Facilities | 0d | 11-Mar-16 | | ◆ Start of Construction at Proje... | | | | | | | | | | | | | | | | | | |
| GAZI-IA-08 | Finish of Construction at Project 01 - Al Alatrash Reservoir and Pumping Facilities | 0d | | 27-May-17 | ◆ Finish of Construction at Proj... | | | | | | | | | | | | | | | | | | |
| GAZI-IA-09 | Start of Construction at Project 2 - Nuseirat Reservoir and Pumping Facilities | 0d | 04-Apr-16 | | ◆ Start of Construction at Proje... | | | | | | | | | | | | | | | | | | |
| GAZI-IA-10 | Finish of Construction at Project 2 - Nuseirat Reservoir and Pumping Facilities | 0d | | 02-Apr-17 | ◆ Finish of Construction at Proj... | | | | | | | | | | | | | | | | | | |
| Preconstruction Phase | | | | | | | | | | | | | | | | | | | | | | | |
| Mobilization | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI - MOB0999 | Construction Site Handover and Receive Conformed Drawings | 1d | 27-Oct-15A | 27-Oct-15A | I Construction Site Handover and... | | | | | | | | | | | | | | | | | | |
| GAZI - MOB1000 | Pre-Construction Dilapidation Survey | 5d | 11-Nov-15 A | 19-Nov-15 A | I Pre-Construction Dilapidation ... | | | | | | | | | | | | | | | | | | |
| GAZI - MOB1010 | Provide, furnish and erect Temporary Project Signs | 2d | 23-Dec-15 A | 29-Dec-15 A | I Provide, furnish and erect Tem... | | | | | | | | | | | | | | | | | | |
| GAZI - MOB1020 | Supply and furnish Field Office Furniture and Miscellaneous | 2d | 22-Nov-15 A | 05-Jan-16 | I Supply and furnish Field Offi... | | | | | | | | | | | | | | | | | | |
| GAZI - MOB1030 | Supply and install Field Office Computer Systems and IT Equipments | 2d | 16-Nov-15 A | 05-Jan-16 | I Supply and install Field Offi... | | | | | | | | | | | | | | | | | | |
| GAZI - MOB1040 | Arrange for and erect Contractor's work and Storage Yards | 2d | 17-Dec-15 A | 31-Dec-15 A | I Arrange for and erect Contract... | | | | | | | | | | | | | | | | | | |
| GAZI - MOB1060 | Post OSHA-required notices and establish safety programs | 2d | 17-Dec-15 A | 31-Dec-15 A | I Post OSHA-required notices and... | | | | | | | | | | | | | | | | | | |
| GAZI - MOB1070 | Installation of Temporary Facilities as per section 01500 | 5d | 17-Dec-15 A | 31-Dec-15 A | I Installation of Temporary Faci... | | | | | | | | | | | | | | | | | | |
| GAZI - MOB1080 | Mobilization Summary | 13d | 26-Oct-15A | 21-Jan-16 | I Mobilization Summary | | | | | | | | | | | | | | | | | | |
| Preconstruction Submittals | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-PC-SUB-01 | Preparation & Submit Copy of Bank Guarantee Certificates | 1d | 15-Oct-15A | 20-Oct-15A | I Preparation & Submit Copy of B... | | | | | | | | | | | | | | | | | | |
| GAZI-PC-SUB-01-R&A | Review & Approval of Bank Guarantee Certificates | 21d | 16-Nov-15 A | 23-Nov-15 A | I Review & Approval of Bank Guak... | | | | | | | | | | | | | | | | | | |
| GAZI-PC-SUB-02 | Preparation & Submit Scheduling Qualification Submittal | 2d | 26-Oct-15A | 29-Oct-15A | I Preparation & Submit Schedulin... | | | | | | | | | | | | | | | | | | |
| GAZI-PC-SUB-02-R&A | Review & Approval of Scheduling Qualification Submittal | 21d | 16-Nov-15 A | 23-Nov-15 A | I Review & Approval of Schedulin... | | | | | | | | | | | | | | | | | | |
| GAZI-PC-SUB-03 | Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation) | 10d | 28-Oct-15A | 06-Nov-15 A | I Preparation & Submit Prelimina... | | | | | | | | | | | | | | | | | | |
| GAZI-PC-SUB-03-R&A | Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation) | 21d | 22-Nov-15 A | 07-Dec-15 A | I Review & Approval of Prelimina... | | | | | | | | | | | | | | | | | | |
| GAZI-PC-SUB-04 | Preparation & Submit Submittals Schedule | 2d | 10-Dec-15 A | 19-Dec-15 A | I Preparation & Submit Submittal... | | | | | | | | | | | | | | | | | | |
| GAZI-PC-SUB-04-R&A | Review & Approval of Submittals Schedule | 21d | 20-Dec-15 A | 14-Jan-16 | I Review & Approval of Submittal... | | | | | | | | | | | | | | | | | | |
| GAZI-PC-SUB-05 | Preparation & Submit Key Staff | 5d | 11-Dec-15 A | 19-Dec-15 A | I Preparation & Submit Key Staff | | | | | | | | | | | | | | | | | | |
| GAZI-PC-SUB-05-R&A | Review & Approval of Key Staff | 21d | 20-Dec-15 A | 14-Jan-16 | I Review & Approval of Key Staff | | | | | | | | | | | | | | | | | | |
| GAZI-PC-SUB-06 | Preparation & Submit Project Temporary Signs | 2d | 05-Nov-15 A | 11-Nov-15 A | I Preparation & Submit Project T... | | | | | | | | | | | | | | | | | | |
| GAZI-PC-SUB-06-R&A | Review & Approval of Project Temporary Signs | 21d | 16-Nov-15 A | 26-Nov-15 A | I Review & Approval of Project T... | | | | | | | | | | | | | | | | | | |
| GAZI-PC-SUB-07 | Preparation & Submit Engineer's Field Office Location and Layout | 2d | 08-Dec-15 A | 14-Dec-15 A | I Preparation & Submit Engineer'... | | | | | | | | | | | | | | | | | | |
| GAZI-PC-SUB-07-R&A | Review & Approval of Engineer's Field Office Location and Layout | 21d | 15-Dec-15 A | 23-Dec-15 A | I Review & Approval of Engineer'... | | | | | | | | | | | | | | | | | | |
| GAZI-PC-SUB-08 | Preparation & Submit Field Office Furniture and Equipment Plan | 2d | 12-Nov-15 A | 19-Dec-15 A | I Preparation & Submit Field Off... | | | | | | | | | | | | | | | | | | |
| GAZI-PC-SUB-08-R&A | Review & Approval of Field Office Furniture and Equipment Plan | 21d | 22-Nov-15 A | 23-Dec-15 A | I Review & Approval of Field Off... | | | | | | | | | | | | | | | | | | |
| GAZI-PC-SUB-09 | Preparation & Submit Field Office Computer Systems and Miscellaneous | 5d | 30-Nov-15 A | 05-Dec-15 A | I Preparation & Submit Field Off... | | | | | | | | | | | | | | | | | | |
| GAZI-PC-SUB-09-R&A | Review & Approval of Field Office Computer Systems and Miscellaneous | 21d | 06-Dec-15 A | 15-Dec-15 A | I Review & Approval of Field Off... | | | | | | | | | | | | | | | | | | |
| GAZI-PC-SUB-10 | Preparation & Submit Quality Control Plan with Testing Lab C.V | 5d | 10-Dec-15 A | 19-Dec-15 A | 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 | | | | | | 2016 | | | | | | | | | | | | 2017 | | | | | | | | | | | | 2018 | | | | | | | | | | | |
|---|---|-------------------|-----------|-----------|--|------|---|---|---|---|---|---|---|---|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|------|---|---|---|---|---|---|--|--|--|--|--|
| Activity ID | Activity Name | Original Duration | Start | Finish | | 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 | | | | | |
| ATA-SD-SDP-1130 | Review & Approval of Shop drawing for Supply pipes from TS3 1+000 To Station TS3 1+500 (DN 280mm) | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1140 | Prep. & Sub. Shop drawing for Supply pipes from TS3 1+500 To Station TS3 1+969 (DN 280mm) | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1150 | Review & Approval of Shop drawing for Supply pipes from TS3 1+500 To Station TS3 1+969 (DN 280mm) | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Valves and Vaults | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connections - Gate and / or Butterfly Valves Chambers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1440 | Prep. & Sub. Shop drawing for Connection # 4-01,Line TD1, Station 1+016 : Complete DN 300mm flanged BFV | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1450 | Review & Approval of Shop drawing for Connection # 4-01,Line TD1, Station 1+016 : Complete DN 300mm flanged BFV | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1460 | Prep. & Sub. Shop drawing for Connection # 4-02,Line TD1, Station 1+025 : Complete 160mm flanged Gate Valve | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1470 | Review & Approval of Shop drawing for Connection # 4-02,Line TD1, Station 1+025 : Complete 160mm flanged Gate Valve | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1480 | Prep. & Sub. Shop drawing for Connection # 5-01,Line TD2, Station 1+486 : Complete DN 100mm flanged Gate Valve | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1490 | Review & Approval of Shop drawing for Connection # 5-01,Line TD2, Station 1+486 : Complete DN 100mm flanged Gate V | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1500 | Prep. & Sub. Shop drawing for Connection # 5-02,Line TD2, Station 1+488 : Complete DN 160mm flanged Gate Valve | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1510 | Review & Approval of Shop drawing for Connection # 5-02,Line TD2, Station 1+488 : Complete DN 160mm flanged Gate V | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1520 | Prep. & Sub. Shop drawing for Connection # 5-03,Line TD2, Station 1+492 : Complete DN 110mm flanged Gate Valve | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1530 | Review & Approval of Shop drawing for Connection # 5-03,Line TD2, Station 1+492 : Complete DN 110mm flanged Gate V | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1540 | Prep. & Sub. Shop drawing for Connection # 3-01,Line TD2, Station 1+915 : Complete DN 160mm flanged Gate Valve | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1550 | Review & Approval of Shop drawing for Connection # 3-01,Line TD2, Station 1+915 : Complete DN 160mm flanged Gate V | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1560 | Prep. & Sub. Shop drawing for Connection # 3-02,Line TD2, Station 1+935 : Complete DN 150mm flanged Gate Valve | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1570 | Review & Approval of Shop drawing for Connection # 3-02,Line TD2, Station 1+935 : Complete DN 150mm flanged Gate V | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1580 | Prep. & Sub. Shop drawing for Connection # 2-01,Line TS2, Station 1+005 : Complete DN 280mm flanged Gate Valve | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1590 | Review & Approval of Shop drawing for Connection # 2-01,Line TS2, Station 1+005 : Complete DN 280mm flanged Gate V | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1600 | Prep. & Sub. Shop drawing for Connection # 2-02,Line TS1, Station 1+619 : Complete DN 225mm flanged Gate Valve | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1610 | Review & Approval of Shop drawing for Connection # 2-02,Line TS1, Station 1+619 : Complete DN 225mm flanged Gate V | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1620 | Prep. & Sub. Shop drawing for Connection # 2-03,Line TS1, Station 1+631 : Complete DN 280mm flanged Gate Valve | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1630 | Review & Approval of Shop drawing for Connection # 2-03,Line TS1, Station 1+631 : Complete DN 280mm flanged Gate V | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1640 | Prep. & Sub. Shop drawing for Connection # 6,Line TS1, Station 2+876 : Complete DN 150mm flanged Gate Valve | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1650 | Review & Approval of Shop drawing for Connection # 6,Line TS1, Station 2+876 : Complete DN 150mm flanged Gate Valv | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1660 | Prep. & Sub. Shop drawing for Connection NEW BL WELL,Line TS1, Sta. 2+961 Complete DN 160mm flanged Gate Valve | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1670 | Review & Approval of Shop drawing for Connection NEW BL WELL,Line TS1, Sta. 2+961 Complete DN 160mm flanged G | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1680 | Prep. & Sub. Shop drawing for Connection # D-67-01 well, Line TS2, Sta. 1+469 Complete DN 150mm flanged GV | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1690 | Review & Approval of Shop drawing for Connection # D-67-01 well, Line TS2, Sta. 1+469 Complete DN 150mm flanged G | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1700 | Prep. & Sub. Shop drawing for Connection # D-67-02 well, Line TS2, Station 1+474 : Complete DN 150mm flanged GV | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1710 | Review & Approval of Shop drawing for Connection #D- 67-02 well, Line TS2, Station 1+474 : Complete DN 150mm flange | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1720 | Prep. & Sub. Shop drawing for Connection #ASLAN WELL,Line TS2, Station 2+609 : Complete DN 150mm flanged GV | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1730 | Review & Approval of Shop drawing for Connection # ASLAN WELL,Line TS2, Station 2+609 : Complete DN 150mm flang | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1740 | Prep. & Sub. Shop drawing for Connection # D-73-01 WELL,Line TS3, Station 1+968 : Complete DN 150mm flanged GV | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1750 | Review & Approval of Shop drawing for Connection # D-73-01 WELL,Line TS3, Station 1+968 : Complete DN 150mm fln | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1760 | Prep. & Sub. Shop drawing for Connection # D-73-02 WELL, Line TS3, Station 1+970 : Complete DN 150mm flanged GV | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1770 | Review & Approval of Shop drawing for Connection # D-73-02 WELL, Line TS3, Station 1+970 : Complete DN 150mm flar | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connections - Connections - Pressure Reducing Valve Chambers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1360 | Prep. & Sub. Shop drawing for Connection # 1-01, Line TD1, Station 1+825 : Complete DN 150mm flanged PRV | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1370 | Review & Approval of Shop drawing for Connection # 1-01, Line TD1, Station 1+825 : Complete DN 150mm flanged PRV | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1380 | Prep. & Sub. Shop drawing for Connection # 1-02,Line TD1, Station 1+842 : Complete DN 110mm flanged PRV | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1390 | Review & Approval of Shop drawing for Connection # 1-02,Line TD1, Station 1+842 : Complete DN 110mm flanged PRV | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1400 | Prep. & Sub. Shop drawing for Connection A, to be field located: Complete DN 4" flanged PRV | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1410 | Review & Approval of Shop drawing for Connection A, to be field located: Complete DN 4" flanged PRV | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1420 | Prep. & Sub. Shop drawing for Connection B, to be field located: Complete DN 6" flanged PRV | 15d | 02-Jan-16 | 24-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-SD-SDP-1430 | Review & Approval of Shop drawing for Connection B, to be field located: Complete DN 6" flanged PRV | 21d | 25-Jan-16 | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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



| TO 15-08 GAZI - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package I | | | 2016 | | | | | | | | | | | | 2017 | | | | | 2018 | | | | | | | | | | | | | | | | | |
|---|--|-------------------|------------|------------|---|---|---|---|---|---|---|---|---|---|------|---|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Activity ID | Activity Name | Original Duration | Start | Finish | 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 | | |
| GAZI-EMS-260 | Prep. & Sub. of Power Cable | 5d | 09-Dec-15A | 14-Dec-15A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-270 | Review & Approval of Power Cable | 21d | 15-Dec-15A | 21-Dec-15A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-280 | Prep. & Sub. of Data Cable | 5d | 14-Dec-15A | 21-Dec-15A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-290 | Review & Approval of Data Cable | 21d | 22-Dec-15A | 18-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-320 | Prep. & Sub. of Switches | 5d | 21-Dec-15A | 18-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-330 | Review & Approval of Switches | 21d | 19-Jan-16 | 16-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-340 | Prep. & Sub. of Program Logical Controller (PLC) Panel For Booster Station. | 5d | 02-Jan-16 | 12-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-350 | Review & Approval of Program Logical Controller (PLC) Panel For Booster Station. | 21d | 13-Jan-16 | 10-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-360 | Prep. & Sub. of Variable Frequency Drives (VFD) | 5d | 02-Jan-16 | 12-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-370 | Review & Approval of Variable Frequency Drives (VFD) | 21d | 13-Jan-16 | 10-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-420 | Prep. & Sub. of Motor Control Centers (MCC) | 5d | 02-Jan-16 | 12-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-430 | Review & Approval of Motor Control Centers (MCC) | 21d | 13-Jan-16 | 10-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-480 | Prep. & Sub. Lighting Surge Arrestor | 5d | 02-Jan-16 | 12-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-490 | Review & Approval of Lighting Surge Arrestor | 21d | 13-Jan-16 | 10-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-500 | Prep. & Sub. Lighting Surge Arrestor Cabinet | 5d | 02-Jan-16 | 12-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-510 | Review & Approval of Lighting Surge Arrestor Cabinet | 21d | 13-Jan-16 | 10-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-520 | Prep. & Sub. Pressure Indicating Transmitter | 9d | 02-Jan-16 | 17-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-530 | Review & Approval of Pressure Indicating Transmitter | 21d | 18-Jan-16 | 15-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-540 | Prep. & Sub. Grounding System | 9d | 30-Nov-15A | 09-Dec-15A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-550 | Review & Approval of Grounding System | 21d | 10-Dec-15A | 21-Dec-15A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-560 | Prep. & Sub. Switches and Sockets | 9d | 02-Jan-16 | 17-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-570 | Review & Approval of Switches and Sockets | 21d | 18-Jan-16 | 15-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-580 | Prep. & Sub. Lighting Pole | 9d | 09-Dec-15A | 14-Dec-15A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-590 | Review & Approval of Lighting Pole | 21d | 15-Dec-15A | 07-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-600 | Prep. & Sub. Lighting & Lamps | 9d | 02-Jan-16 | 17-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-610 | Review & Approval of Lighting & Lamps | 21d | 18-Jan-16 | 15-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-620 | Prep. & Sub. Fire Alarm Detection | 9d | 12-Dec-15A | 21-Dec-15A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-630 | Review & Approval of Fire Alarm Detection | 21d | 22-Dec-15A | 18-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-640 | Prep. & Sub. Float Level Switch | 9d | 10-Dec-15A | 19-Dec-15A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-650 | Review & Approval of Float Level Switch | 21d | 20-Dec-15A | 14-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-660 | Prep. & Sub. Conduit For Electrical Work | 9d | 09-Dec-15A | 14-Dec-15A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-670 | Review & Approval of Conduit For Electrical Work | 21d | 15-Dec-15A | 07-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-680 | Prep. & Sub. Computer System Hardware | 9d | 02-Jan-16 | 17-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-690 | Review & Approval of Computer System Hardware | 21d | 18-Jan-16 | 15-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-700 | Prep. & Sub. Network System | 9d | 02-Jan-16 | 17-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-710 | Review & Approval of Network System | 21d | 18-Jan-16 | 15-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-720 | Prep. & Sub. Warning Tape for Electrical Work | 9d | 02-Jan-16 | 17-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-730 | Review & Approval of Warning Tape for Electrical Work | 21d | 18-Jan-16 | 15-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-740 | Prep. & Sub. Pressure and Level Instrument | 9d | 02-Jan-16 | 17-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-750 | Review & Approval of Pressure and Level Instrument | 21d | 18-Jan-16 | 15-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-760 | Prep. & Sub. Instruments Cable | 9d | 02-Jan-16 | 17-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-770 | Review & Approval of Instruments Cable | 21d | 18-Jan-16 | 15-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-780 | Prep. & Sub. Earth Pit For Earthing Electrode - With Sample. | 9d | 02-Jan-16 | 17-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-790 | Review & Approval of Earth Pit For Earthing Electrode - With Sample. | 21d | 18-Jan-16 | 15-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-800 | Prep. & Sub. Transformer | 9d | 02-Jan-16 | 17-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-810 | Review & Approval of Transformer | 21d | 18-Jan-16 | 15-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-820 | Prep. & Sub. Generator | 9d | 08-Dec-15A | 13-Dec-15A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-830 | Review & Approval of Generator | 21d | 15-Dec-15A | 07-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

| TO 15-08 GAZI - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package I | | | | | | 03-Jan-16 14:26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-------------------|------------|------------|--|-----------------|---|---|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 2016 | | | | | | 2017 | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity ID | Activity Name | Original Duration | Start | Finish | | 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 |
| GAZI-EMS-840 | Prep. & Sub. Lightning Protection System | 9d | 02-Jan-16 | 17-Jan-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-EMS-850 | Review & Approval of Lightning Protection System | 21d | 18-Jan-16 | 15-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Material List and Coordination | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project 1, Construction of AlAtatrah Reservoir and Pumping Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COR 10 | Preparation of Material List for Project 1, Construction of Al Atatrah Reservoir and Pumping Facilities | 60d | 26-Oct-15A | 24-Dec-15A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COR 10 R&V | Approval of Material List for Project 1, Construction of Al Atatrah Reservoir and Pumping Facilities | 60d | 27-Dec-15A | 29-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COR 30 | Preparation of Equipment List for Project 1, Construction of Al Atatrah Reservoir and Pumping Facilities | 60d | 26-Oct-15A | 24-Dec-15A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COR 30 R&V | Approval of Equipment List for Project 1, Construction of Al Atatrah Reservoir and Pumping Facilities | 60d | 27-Dec-15A | 29-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COR 40 | Preparation of Tools List for Project 1, Construction of Al Atatrah Reservoir and Pumping Facilities | 60d | 26-Oct-15A | 24-Dec-15A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COR 40 R&V | Approval of Tools List for Project 1, Construction of Al Atatrah Reservoir and Pumping Facilities | 60d | 27-Dec-15A | 29-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COR 50 | Preparation of specialized Manpower List for Project 1, Construction of Al Atatrah Reservoir and Pumping Facilities | 60d | 26-Oct-15A | 24-Dec-15A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COR 50 R&V | Approval of specialized Manpower List for Project 1, Construction of Al Atatrah Reservoir and Pumping Facilities | 60d | 27-Dec-15A | 29-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project 2, Construction of Nuseirat Reservoir and Pumping Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COR 60 | Preparation of Material List for Project 2, Construction of Nuseirat Reservoir and Pumping Facilities | 60d | 26-Oct-15A | 24-Dec-15A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COR 60 R&V | Approval of Material List for Project 2, Construction of Nuseirat Reservoir and Pumping Facilities | 60d | 27-Dec-15A | 29-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COR 70 | Preparation of Equipment List for Project 2, Construction of Nuseirat Reservoir and Pumping Facilities | 60d | 26-Oct-15A | 24-Dec-15A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COR 70 R&V | Approval of Equipment List for Project 2, Construction of Nuseirat Reservoir and Pumping Facilities | 60d | 27-Dec-15A | 29-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COR 80 | Preparation of Tools List for Project 2, Construction of Nuseirat Reservoir and Pumping Facilities | 60d | 26-Oct-15A | 24-Dec-15A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COR 80 R&V | Approval of Tools List for Project 2, Construction of Nuseirat Reservoir and Pumping Facilities | 60d | 27-Dec-15A | 22-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COR 90 | Preparation of Specialized Manpower List for Project 2, Construction of Nuseirat Reservoir and Pumping Facilities | 60d | 26-Oct-15A | 24-Dec-15A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COR 90 R&V | Approval of Specialized Manpower List for Project 2, Construction of Nuseirat Reservoir and Pumping Facilities | 60d | 27-Dec-15A | 29-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement Process of Material, Equipment, Tools and Man Power | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement for Project 1, Construction of AlAtatrah Reservoir and Pumping Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Material Procurement and Delivery for Project 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-PRO-1040 | Order and Delivery of Civil Material Including: Bedding, Backfilling, concrete, steel, Bitumen and all other material | 10d | 01-Mar-16 | 10-Mar-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Equipment Procurement and Delivery for Project 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-PRO-1000 | Order, Manufacturing and Delivery of Water Pipes and Fittings (355mm, 315mm, 280mm, 225mm, 160mm, etc) | 180d | 01-Mar-16 | 27-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-PRO-1010 | Order, Manufacturing and Delivery of AlAtatrah Booster Pump Including VFD, MCC etc.. | 200d | 09-Mar-16 | 24-Sep-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-PRO-1020 | Order, Manufacturing and Delivery of Mechanical Valves and fittings for AlAtatrah Reservoir and Pumping Facilities | 140d | 01-Mar-16 | 18-Jul-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-PRO-1030 | Order, Manufacturing and Delivery of Electrical components for for AlAtatrah Reservoir and Pumping Facilities | 130d | 07-Mar-16 | 14-Jul-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tools Procurement and Delivery for Project 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-PRO-1050 | Order and Delivery of construction Equipment and Tools | 10d | 01-Mar-16 | 10-Mar-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Personnel and specialized manpower entry to Gaza for Project 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-PRO-1060 | Access of Personnel and specialized manpower to Gaza | 10d | 01-Mar-16 | 10-Mar-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement for Project 2, Construction of Nuseirat Reservoir and Pumping Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Material Procurement and Delivery for Project 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NUS-PRO-1040 | Order and Delivery of Civil Material Including: Bedding, Backfilling, concrete, steel, Bitumen and all other material | 30d | 01-Mar-16 | 30-Mar-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Equipment Procurement and Delivery for Project 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NUS-PRO-1000 | Order, Manufacturing and Delivery of Water Pipes and Fittings (500mm, 400mm, 355mm, 315mm, 280mm, 160mm, 110n | 180d | 01-Mar-16 | 27-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NUS-PRO-1010 | Order, Manufacturing and Delivery of Nuseirat Booster Pump, VFD, MCC etc.. | 180d | 01-Mar-16 | 27-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NUS-PRO-1020 | Order, Manufacturing and Delivery of Mechanical Valves and fittings for Nuseirat Reservoir and Pumping Facilities | 160d | 01-Mar-16 | 07-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NUS-PRO-1030 | Order, Manufacturing and Delivery of Electrical components for Nuseirat Reservoir and Pumping Facilities | 170d | 07-Mar-16 | 23-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tools Procurement and Delivery for Project 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NUS-PRO-1050 | Order and Delivery of construction Equipment and Tools | 42d | 22-Feb-16 | 04-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Personnel and specialized manpower entry to Gaza for Project 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NUS-PRO-1060 | Access of Personnel and specialized manpower to Gaza | 10d | 01-Mar-16 | 10-Mar-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Execution | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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█ Actual Work
 █ Critical Remaining Work
 ▾ Summary
█ Remaining Work
 ◆ Milestone

| TO 15-08 GAZI - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package I | | | | MORGANTI A WORLD OF OPPORTUNITY | | 03-Jan-16 14:26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------|-----------|------------------------------------|------|-----------------|---|---|---|---|---|---|---|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|------|---|---|---|---|---|---|--|--|--|--|--|
| 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 | | | | | |
| Project 1, Construction of Al Atatrah Reservoir and Pumping Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction of Al Atatrah Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Traffic Control Plan and Safety measures | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2640 | Implementation of Safety measures and Traffic Control Plan for AlAtatrah Facilities Site | 2d | 12-Mar-16 | 13-Mar-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2670 | Maintain of Traffic Control Plan and Safety measures for AlAtatrah Facilities Site | 338d | 14-Mar-16 | 27-May-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Al Atatrah Booster Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Retaining Walls | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Retaining Wall - North | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1000 | Excavation for Foundation, Leveling, Compacting Subgrade Layer | 10d | 14-Mar-16 | 24-Mar-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1060 | Form/Steel Rebars for Foundation | 5d | 26-Mar-16 | 30-Mar-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1110 | Cast In Concrete for Foundation | 1d | 31-Mar-16 | 31-Mar-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1130 | Concrete Curing for foundation | 7d | 02-Apr-16 | 09-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1140 | Form/Steel Rebars for the Retaining Walls | 7d | 02-Apr-16 | 09-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1160 | Cast Reinforced Concrete for the Retaining Walls | 1d | 10-Apr-16 | 10-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1170 | Deshuttering & Curing for the Retaining Walls | 7d | 11-Apr-16 | 19-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1320 | Furnish, Install Fence & Backfilling | 2d | 20-Apr-16 | 21-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Retaining Wall - East | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1070 | Excavation for Foundation, Leveling, Compacting Subgrade Layer | 15d | 26-Mar-16 | 11-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1190 | Form/Steel Rebars for Foundation | 4d | 13-Apr-16 | 17-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1250 | Cast In Concrete for Foundation | 1d | 18-Apr-16 | 19-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1290 | Concrete Curing for Foundation | 7d | 19-Apr-16 | 26-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1300 | Form/Steel Rebars for the Retaining Walls | 6d | 19-Apr-16 | 25-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1370 | Cast Reinforced Concrete for the Retaining Walls | 1d | 26-Apr-16 | 26-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1400 | Deshuttering & Curing For Walls | 7d | 27-Apr-16 | 05-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1540 | Furnish, Install Fence & Backfilling | 2d | 07-May-16 | 08-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Retaining Wall - South | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1200 | Excavation for Foundation, Leveling, Compacting Subgrade Layer | 10d | 13-Apr-16 | 24-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1340 | Form/Steel Rebars for Foundation | 7d | 25-Apr-16 | 03-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1480 | Cast In Concrete for Foundation | 1d | 04-May-16 | 04-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1490 | Concrete Curing for Foundation | 7d | 05-May-16 | 12-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1500 | Form/Steel Rebars for the Retaining Walls | 7d | 05-May-16 | 12-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1630 | Cast Reinforced Concrete for the Retaining Walls | 1d | 14-May-16 | 14-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1640 | Deshuttering & Curing For Walls | 7d | 15-May-16 | 22-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1730 | Furnish, Install Fence & Backfilling | 2d | 23-May-16 | 24-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Retaining Wall - West | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2310 | Excavation for Foundation, Leveling, Compacting Subgrade Layer | 15d | 28-Jun-16 | 23-Jul-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2450 | Form/Steel Rebars for Foundation | 7d | 23-Jul-16 | 31-Jul-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2560 | Cast In Concrete for Foundation | 1d | 31-Jul-16 | 01-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2580 | Concrete Curing for Foundation | 7d | 01-Aug-16 | 09-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2590 | Form/Steel Rebars for the Retaining Walls | 5d | 01-Aug-16 | 07-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2610 | Cast Reinforced Concrete for the Retaining Walls | 1d | 07-Aug-16 | 08-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2630 | Deshuttering & Curing For Walls | 7d | 09-Aug-16 | 17-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2700 | Furnish, Install Fence & Backfilling | 2d | 17-Aug-16 | 20-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Disinfection Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Civil & Structural Works | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-DIS-1000 | Excavation Leveling for Foundation | 1d | 14-Mar-16 | 14-Mar-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-DIS-1010 | Furnishing, Leveling Subgrade Compacted layers 20cm | 2d | 15-Mar-16 | 16-Mar-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-DIS-1020 | Form/Steel Rebars for Foundation | 4d | 17-Mar-16 | 21-Mar-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| TO 15-08 GAZI - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package I | | | 03-Jan-16 14:26 | | 2016 | | | | | | | | | | | | 2017 | | | | | 2018 | | | | | | | | | | | | | | | |
|---|--|-------------------|-----------------|-----------|------|---|---|---|---|---|---|---|---|---|---|---|------|---|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Activity ID | Activity Name | Original Duration | Start | Finish | 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 | | |
| E-ATA-1680 | Cast Reinforced Concrete for the Walls / Columns | 1d | 28-Apr-16 | 28-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1710 | Concrete Curing for the Walls / Columns | 7d | 30-Apr-16 | 06-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1780 | Deshuttering & Curing For Walls | 7d | 09-May-16 | 15-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1670 | Form/Steel Rebars for the Roof Slab | 7d | 17-May-16 | 24-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1690 | Cast Reinforced Concrete for the Roof Slab | 1d | 25-May-16 | 25-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1910 | Concrete Curing for the Roof Slab | 7d | 25-May-16 | 02-Jun-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2140 | Deshuttering for the Roof Slab & Backfilling | 1d | 25-Jun-16 | 25-Jun-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Finishing Works | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2150 | Construction of Walls | 4d | 28-Jun-16 | 05-Jul-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2240 | Furnish & Install Interior & Exterior Plaster & Water Tight | 7d | 18-Jul-16 | 25-Jul-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2340 | Furnish & Install Floor Tiles & Base Materials | 5d | 02-Aug-16 | 06-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2350 | Furnish & Install Doors, Windows & All Metal Works Including hatches, vents, ladders, railings | 15d | 02-Aug-16 | 20-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2360 | Furnish & Install All Architectural Elements, Kitchen Equipment & Furniture | 15d | 02-Aug-16 | 20-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mechanical Works | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1430 | Furnish & Install of Utility Piping including Pipe Supports & Valves | 2d | 09-Apr-16 | 10-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2510 | Clean & Pressure Test | 2d | 20-Aug-16 | 22-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2520 | Furnish & Install Miscellaneous Plumbing Components | 2d | 20-Aug-16 | 22-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Electrical & Instrumentation Works | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1590 | Earthing | 1d | 20-Apr-16 | 20-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2160 | Furnish and Install fire alarm devices, conduit, and devices complete | 5d | 25-Jun-16 | 11-Jul-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2210 | Installation of Lightning Protection System Lighting Cables, panels, wires, conduits, cables, lights and receptacles | 7d | 05-Jul-16 | 18-Jul-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HVAC-Plumbing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2250 | Furnish & Install Water Storage Tank & Solar System | 5d | 25-Jul-16 | 01-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2330 | Furnish & Install Wash Basin With Mber | 5d | 01-Aug-16 | 07-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2370 | Furnish & Install Toilet | 5d | 07-Aug-16 | 13-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2390 | Furnish & Install Exhaust Through Wall Ventilation | 5d | 13-Aug-16 | 18-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2500 | Furnish & Install Cold & Hot Water Pipe | 5d | 18-Aug-16 | 24-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2530 | Furnish & Install Split Units Air Conditioning Unit | 5d | 22-Aug-16 | 28-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2570 | Furnish & Install PVC Pipe & Fittings | 5d | 24-Aug-16 | 30-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2600 | Furnish & Install Shower | 5d | 30-Aug-16 | 05-Sep-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2660 | Furnish & Install Accessories for Sanitary Units | 5d | 05-Sep-16 | 15-Sep-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Booster Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Civil & Structural Works | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1360 | Excavation Leveling for Foundation and Furnishing, leveling, and compacting of subgrade layer | 8d | 25-Sep-16 | 03-Oct-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1900 | Compacted Basecourse layer 15cm for Booster Pump Slab | 7d | 13-Nov-16 | 21-Nov-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1920 | Form/Steel Rebars for Foundation | 8d | 22-Nov-16 | 30-Nov-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1960 | Cast In Concrete for Foundation and Concrete Curing | 7d | 01-Dec-16 | 08-Dec-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1970 | Form/Steel Rebars for Slab on Grade and Walls of Booster Pump | 8d | 01-Dec-16 | 10-Dec-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2050 | Cast R.C. for Slab on Grade and Walls of Booster Pump | 2d | 11-Dec-16 | 12-Dec-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2070 | Concrete Curing & Backfilling | 7d | 13-Dec-16 | 26-Dec-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Steel Structure & Metal Works | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2130 | Furnish & Install Grating, Plates, embeds, Ladders, etc. | 20d | 18-Dec-16 | 19-Jan-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-2190 | furnish and install structural steel and roofing including roof hatches | 20d | 27-Dec-16 | 25-Jan-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mechanical Works | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1510 | Furnish & Install of Utility Piping Under 50mm Including Pipe Supports & Valves | 16d | 04-Oct-16 | 22-Oct-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1520 | Furnish & Install of Utility Piping above 80mm Including Pipe Supports & Valves | 15d | 04-Oct-16 | 20-Oct-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1740 | Clean & Pressure Test Process Piping above 80mm | 15d | 22-Oct-16 | 09-Nov-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-ATA-1750 | Furnish & Install Suction Barrel for Future Pump | 16d | 23-Oct-16 | 12-Nov-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Actual Work Critical Remaining Work Summary
 Remaining Work Milestone

| TO 15-08 GAZI - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package I | | | | | | 03-Jan-16 14:26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------|-----------|-----------|--|-----------------|---|---|---|---|---|------|---|---|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|
| | | | | | | 2016 | | | | | | 2017 | | | | | | 2018 | | | | | | | | | | | | | | | | | | | | | |
| Activity ID | Activity Name | Original Duration | Start | Finish | | 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 | | | |
| ATA-1040 | Testing and Commissioning of Electrical and Control System and Equipment | 7d | 09-May-17 | 17-May-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATA-1050 | Testing and Commissioning of the entire system | 6d | 17-May-17 | 24-May-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project 2. Construction of Nuselrat Reservoir and Pumping Facilities: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction of Nuselrat Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Traffic Control Plan and Safety measures | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-7585 | Implementation of Safety measures and Traffic Control Plan for Nuselrat Facilities | 2d | 04-Apr-16 | 06-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-7595 | Maintain of Traffic Control Plan and Safety measures for Nuselrat Facilities | 228d | 06-Apr-16 | 04-Feb-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nuselrat Booster Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Retaining Walls | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Retaining Wall - North | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1030 | Excavation for Foundation, Leveling, Compacting Subgrade Layer | 10d | 06-Apr-16 | 19-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1140 | Form/Steel Rebars for Foundation | 5d | 19-Apr-16 | 25-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1200 | Cast In Concrete for Foundation | 1d | 25-Apr-16 | 26-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1220 | Concrete Curing for foundation | 7d | 26-Apr-16 | 05-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1230 | Form/Steel Rebars for the Retaining Walls | 7d | 26-Apr-16 | 05-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1360 | Cast Reinforced Concrete for the Retaining Walls | 1d | 05-May-16 | 07-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1370 | Deshuttering & Curing for the Retaining Walls | 7d | 07-May-16 | 15-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1540 | Furnish, Install Fence & Backfilling | 2d | 15-May-16 | 17-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Retaining Wall - East | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1150 | Excavation for Foundation, Leveling, Compacting Subgrade Layer | 15d | 19-Apr-16 | 08-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1390 | Form/Steel Rebars for Foundation | 4d | 08-May-16 | 12-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1460 | Cast In Concrete for Foundation | 1d | 12-May-16 | 14-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1490 | Concrete Curing for Foundation | 7d | 14-May-16 | 22-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1500 | Form/Steel Rebars for the Retaining Walls | 6d | 14-May-16 | 21-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1570 | Cast Reinforced Concrete for the Retaining Walls | 1d | 21-May-16 | 22-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1580 | Deshuttering & Curing For Walls | 7d | 22-May-16 | 30-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1680 | Furnish, Install Fence & Backfilling | 2d | 30-May-16 | 01-Jun-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Retaining Wall - South | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1400 | Excavation for Foundation, Leveling, Compacting Subgrade Layer | 10d | 08-May-16 | 19-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1560 | Form/Steel Rebars for Foundation | 7d | 19-May-16 | 28-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1640 | Cast In Concrete for Foundation | 1d | 28-May-16 | 29-May-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1650 | Concrete Curing for Foundation | 7d | 29-May-16 | 06-Jun-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1660 | Form/Steel Rebars for the Retaining Walls | 7d | 29-May-16 | 06-Jun-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1740 | Cast Reinforced Concrete for the Retaining Walls | 1d | 06-Jun-16 | 07-Jun-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1750 | Deshuttering & Curing For Walls | 7d | 07-Jun-16 | 19-Jun-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1850 | Furnish, Install Fence & Backfilling | 2d | 19-Jun-16 | 23-Jun-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Retaining Wall - West | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-2310 | Excavation for Foundation, Leveling, Compacting Subgrade Layer | 15d | 28-Jul-16 | 15-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-2620 | Form/Steel Rebars for Foundation | 7d | 15-Aug-16 | 23-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-2760 | Cast In Concrete for Foundation | 1d | 23-Aug-16 | 24-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-2780 | Concrete Curing for Foundation | 7d | 24-Aug-16 | 01-Sep-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-2790 | Form/Steel Rebars for the Retaining Walls | 5d | 24-Aug-16 | 30-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-2880 | Cast Reinforced Concrete for the Retaining Walls | 1d | 30-Aug-16 | 31-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-2910 | Deshuttering & Curing For Walls | 7d | 01-Sep-16 | 10-Sep-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-3030 | Furnish, Install Fence & Backfilling | 2d | 10-Sep-16 | 17-Sep-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Disinfection Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Civil & Structural Works | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E-NUS-1040 | Excavation Leveling for Foundation | 1d | 06-Apr-16 | 07-Apr-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

Annex C - Progress S - Curve

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 | | | | | | 03-Jan-16 14:32 | | | | | | | | | | | |
|---|--|-------------------|-------------|------------|-------------|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|
| Activity ID | Activity Name | Original Duration | Start | Finish | Total Float | 2016 | | | | | | | | | | | |
| | | | | | | J | F | M | A | M | J | J | A | S | O | N | D |
| Milestones | | | | | | 25-Jun-17, Milestones | | | | | | | | | | | |
| General Milestones | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |
| A1010 | Project Duration | 610d | 26-Oct-15 A | 25-Jan-17 | 0d | 25-Jun-17, Milestones | | | | | | | | | | | |
| Intermediate Milestones | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |
| GAZI-IA-02 | Finish of Mobilization | 0d | | 23-Jan-16* | 0d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| Preconstruction Phase | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |
| Mobilization | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |
| GAZI - MOB1020 | Supply and furnish Field Office Furniture and Miscellaneous | 2d | 22-Nov-15 A | 05-Jan-16 | 11d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| GAZI - MOB1030 | Supply and Install Field Office Computer Systems and IT Equipments | 2d | 16-Nov-15 A | 05-Jan-16 | 11d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| GAZI - MOB1080 | Mobilization Summary | 13d | 26-Oct-15 A | 21-Jan-16 | 0d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| Preconstruction Submittals | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |
| GAZI-PC-SUB-10-R&A | Review & Approval of Quality Control Plan with Testing Lab C.V | 21d | 20-Dec-15 A | 14-Jan-16 | 10d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| GAZI-PC-SUB-11-R&A | Review & Approval of Safety Plan | 21d | 20-Dec-15 A | 14-Jan-16 | 10d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| GAZI-PC-SUB-15-R&A | Review & Approval of Original CPM Construction Schedule | 21d | 27-Dec-15 A | 25-Jan-16* | 3d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| Traffic Control Plan, Coordination and Permits | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |
| Traffic Control Plan for Project 1 - Al Alatrash Reservoir and Pumping Facilities | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |
| ATA-TCP-SUB-01-R&A | Review & Approval of Traffic Control Plan for Al Alatrash Reservoir and Booster Pump Station | 21d | 20-Dec-15 A | 14-Jan-16 | 131d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| Traffic Control Plan for Project 2 - Nuseirat Reservoir and Pumping Facilities | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |
| NUS-TCP-SUB-01-R&A | Review & Approval of Traffic Control Plan for Nuseirat Reservoir and Booster Pump Station | 21d | 20-Dec-15 A | 14-Jan-16 | 56d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| Construction Phase | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |
| Construction Submittals | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |
| Shop drawing Submittals | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |
| Shop drawing Submittals for Project 1 - Al Alatrash Reservoir and Pumping Facilities | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |
| Shop drawing Submittals for Al Alatrash Reservoir and Pumping Facilities | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |
| Shop drawing submittals for Al Alatrash Reservoir - 3,800 m3 | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |
| ATA-SD-RES-1050 | Review & Approval of Structural Shopdrawing for Al Alatrash Reservoir | 21d | 22-Dec-15 A | 28-Jan-16 | 123d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| ATA-SD-RES-1060 | Prep. & Sub. of Mechanical shopdrawing for Al Alatrash Reservoir | 20d | 13-Jan-16 | 04-Feb-16 | 119d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| ATA-SD-RES-1120 | Preparation and Submission of Formwork Design & Shop Drawing for Al Alatrash Reservoir | 10d | 02-Jan-16 | 18-Jan-16 | 148d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| ATA-SD-RES-1130 | Review & Approval of Formwork Design & Shop Drawing for Al Alatrash Reservoir | 21d | 19-Jan-16 | 16-Feb-16 | 126d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| ATA-SD-RES-1160 | Preparation and Submission of Piping Plan & Sections shop Drawing for Al Alatrash Reservoir | 15d | 02-Jan-16 | 24-Jan-16 | 129d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| ATA-SD-RES-1170 | Review & Approval of Piping Plan & Sections shop Drawing for Al Alatrash Reservoir | 21d | 25-Jan-16 | 22-Feb-16 | 111d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| Shop drawing submittals for Al Alatrash Booster Pump Station | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |
| ATA-SD-BP-1030 | Review & Approval of Mechanical shopdrawing for Al Alatrash Booster Pump Station | 21d | 24-Jan-16 | 21-Feb-16 | 150d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| Shop drawing submittals for Al Alatrash Guard House | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |
| ATA-SD-GH-1050 | Review & Approval of Structural & Architectural Shopdrawing for Al Alatrash Guard House | 21d | 25-Jan-16 | 22-Feb-16 | 147d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| Shop drawing submittals for Al Alatrash Site Work - Site Utilities | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |
| ATA-SD-RES-1020 | Preparation and Submission of Site Layout Plan for Al Alatrash Reservoir | 5d | 02-Jan-16 | 12-Jan-16 | 119d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| Shop drawing Submittals for Project 2 - Nuseirat Reservoir and Pumping Facilities | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |
| Shop drawing Submittals for Nuseirat Reservoir and Pumping Facilities | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |
| Shop drawing submittals for Nuseirat Reservoir - 3,800 m3 | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |
| NUS-SD-RES-1210 | Review & Approval of Structural Shopdrawing for Nuseirat Reservoir | 21d | 22-Dec-15 A | 28-Jan-16 | 48d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| NUS-SD-RES-1220 | Prep. & Sub. of Mechanical shopdrawing for Nuseirat Reservoir | 20d | 13-Jan-16 | 04-Feb-16 | 29d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| NUS-SD-RES-1300 | Preparation and Submission of Formwork Design & Shop Drawing for Nuseirat Reservoir | 10d | 13-Jan-16 | 24-Jan-16 | 52d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| NUS-SD-RES-1310 | Review & Approval of Formwork Design & Shop Drawing for Nuseirat Reservoir | 21d | 25-Jan-16 | 22-Feb-16 | 47d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| NUS-SD-RES-1340 | Preparation and Submission of Piping Plan & Sections shop Drawing for Nuseirat Reservoir | 15d | 13-Jan-16 | 30-Jan-16 | 34d | 25-Jun-17, General Milestones | | | | | | | | | | | |
| Shop drawing submittals for Nuseirat Booster Pump Station | | | | | | 25-Jun-17, General Milestones | | | | | | | | | | | |

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

| TO 15-08 GAZI - Baseline Schedule - Construction of Reservoirs and Pumping Facilities Package I | | | | | | | 03-Jan-16 14:32 | | | | | | | | | | | | | | | | |
|---|---|-------------------|------------|-----------|-------------|------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|--|--|
| Activity ID | Activity Name | Original Duration | Start | Finish | Total Float | 2016 | | | | | | | | | | | | | | | | | |
| | | | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | | | | | | |
| GAZI-CMS-1420 | Prep.&Submit of Manhole rung | 7d | 02-Jan-16 | 14-Jan-16 | 17d | | | | | | | | | | | | | | | | | | |
| GAZI-CMS-1430 | Review & Approval of Manhole rung | 21d | 17-Jan-16 | 14-Feb-16 | 14d | | | | | | | | | | | | | | | | | | |
| GAZI-CMS-1440 | Prep.&Submit of External Coating for reservoir | 7d | 02-Jan-16 | 14-Jan-16 | 17d | | | | | | | | | | | | | | | | | | |
| GAZI-CMS-1450 | Review & Approval of External Coating for reservoir | 21d | 17-Jan-16 | 14-Feb-16 | 14d | | | | | | | | | | | | | | | | | | |
| GAZI-CMS-1460 | Prep. & Submit of Internal Coating for reservoir | 7d | 02-Jan-16 | 14-Jan-16 | 17d | | | | | | | | | | | | | | | | | | |
| GAZI-CMS-1470 | Review & Approval of Internal Coating for reservoir | 21d | 17-Jan-16 | 14-Feb-16 | 14d | | | | | | | | | | | | | | | | | | |
| GAZI-CMS-1480 | Prep. & Submit of metalwork including hatches, vents, ladders, railings, grating, etc. | 7d | 02-Jan-16 | 14-Jan-16 | 17d | | | | | | | | | | | | | | | | | | |
| GAZI-CMS-1490 | Review & Approval of metalwork including hatches, vents, ladders, railings, grating, etc. | 21d | 17-Jan-16 | 14-Feb-16 | 14d | | | | | | | | | | | | | | | | | | |
| Mechanical Material Submittals | | | | | | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1000 | Prep. & Sub. of Water Pipes and Fittings (500mm, 400mm, 355mm, 315mm, 280mm, 160mm, 110mm etc) | 10d | 03-Dec-15A | 14-Jan-16 | 2d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1010 | Review & Approval of Water Pipes and Fittings (500mm, 400mm, 355mm, 315mm, 280mm, 160mm, 110mm etc) | 21d | 06-Dec-15A | 04-Feb-16 | 80d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1020 | Prep. & Sub. Al Alatrash Booster Pump | 19d | 16-Jan-16 | 08-Feb-16 | 2d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1032 | Prep. & Sub. Nuselrat Booster Pump | 19d | 02-Jan-16 | 28-Jan-16 | 24d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1050 | Review & Approval of Butterfly Valve | 21d | 08-Dec-15A | 07-Jan-16 | 128d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1070 | Review & Approval of Gate Valve - 2", 3" & 4" | 21d | 16-Dec-15A | 10-Jan-16 | 127d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1080 | Prep. & Sub. Combination Air Valve | 5d | 02-Jan-16 | 12-Jan-16 | 112d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1090 | Review & Approval of Combination Air Valve | 21d | 13-Jan-16 | 10-Feb-16 | 104d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1100 | Prep. & Sub. Check Valve | 5d | 05-Jan-16 | 14-Jan-16 | 112d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1110 | Review & Approval of Check Valve | 21d | 14-Jan-16 | 14-Feb-16 | 102d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1120 | Prep. & Sub. Flow Control Valve | 5d | 14-Jan-16 | 20-Jan-16 | 112d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1130 | Review & Approval of Flow Control Valve | 21d | 20-Jan-16 | 18-Feb-16 | 98d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1140 | Prep. & Sub. Pressure Reducing Valve | 5d | 17-Jan-16 | 23-Jan-16 | 112d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1150 | Review & Approval of Pressure Reducing Valve | 21d | 24-Jan-16 | 21-Feb-16 | 97d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1170 | Review & Approval of Strainer | 21d | 22-Dec-15A | 04-Feb-16 | 108d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1180 | Prep. & Sub. Dismantling Joint | 5d | 02-Jan-16 | 12-Jan-16 | 120d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1190 | Review & Approval of Dismantling Joint | 21d | 13-Jan-16 | 10-Feb-16 | 104d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1200 | Prep. & Sub. Pipe Fittings (elbows, reducers, tees, etc.) | 5d | 03-Dec-15A | 19-Jan-16 | 90d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1210 | Review & Approval of Pipe Fittings (elbows, reducers, tees, etc.) | 21d | 06-Dec-15A | 09-Feb-16 | 78d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1220 | Prep. & Sub. Flange Gasket | 5d | 02-Jan-16 | 12-Jan-16 | 120d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1230 | Review & Approval of Flange Gasket | 21d | 13-Jan-16 | 10-Feb-16 | 104d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1240 | Prep. & Sub. Pressure Gauges & Snubbers | 5d | 02-Jan-16 | 12-Jan-16 | 120d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1250 | Review & Approval of Pressure Gauges & Snubbers | 21d | 13-Jan-16 | 10-Feb-16 | 104d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1280 | Prep. & Sub. Bolts, washers, and nuts | 5d | 02-Jan-16 | 12-Jan-16 | 120d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1290 | Review & Approval of Bolts, washers, and nuts | 21d | 13-Jan-16 | 10-Feb-16 | 104d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1300 | Prep. & Sub. Pipe Heat Shrinkable Sleeve & Tape | 5d | 02-Jan-16 | 12-Jan-16 | 120d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1310 | Review & Approval of Pipe Heat Shrinkable Sleeve & Tape | 21d | 13-Jan-16 | 10-Feb-16 | 104d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1330 | Review & Approval of Steel Flanges | 21d | 22-Dec-15A | 18-Jan-16 | 121d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1340 | Prep. & Sub. Gate Valve - 6", 8" & 10" | 10d | 02-Jan-16 | 18-Jan-16 | 115d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1350 | Review & Approval of Gate Valve - 6", 8" & 10" | 21d | 19-Jan-16 | 16-Feb-16 | 100d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1360 | Prep. & Sub. Mechanical Coupling | 10d | 02-Jan-16 | 18-Jan-16 | 115d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1370 | Review & Approval of Mechanical Coupling | 21d | 19-Jan-16 | 16-Feb-16 | 100d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1380 | Prep. & Sub. Perforated Pipes | 10d | 02-Jan-16 | 18-Jan-16 | 115d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1390 | Review & Approval of Perforated Pipes | 21d | 19-Jan-16 | 16-Feb-16 | 100d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1400 | Prep. & Sub. Float Control Valve | 5d | 02-Jan-16 | 12-Jan-16 | 120d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1410 | Review & Approval of Float Control Valve | 21d | 13-Jan-16 | 10-Feb-16 | 104d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1420 | Prep. & Sub. Booster Pump Control Valves | 5d | 02-Jan-16 | 12-Jan-16 | 120d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1430 | Review & Approval of Booster Pump Control Valves | 21d | 13-Jan-16 | 10-Feb-16 | 104d | | | | | | | | | | | | | | | | | | |
| GAZI-MMS-1440 | Prep. & Sub. Booster Pump flow meter | 5d | 02-Jan-16 | 12-Jan-16 | 120d | | | | | | | | | | | | | | | | | | |

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

Annex E - Site Memos Log

Site Memo Log:

- **Project 1 (ATA)**

None issued during this reporting period

- **Project 2 (NUS)**

None issued during this reporting period

Annex F - 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 | | |

Date: December 31, 2015

- 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 | 1 st 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 | | |

Date: December 31, 2015

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

Annex G - 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-001A | A | Bank Guarantee Certificate | Pre-Construction | November 11, 2015 | November 16, 2015 | November 23, 2015 | E |
| 2 | SUB-15-00008-GAZI-002A | A | Scheduling Qualification Submittal | Pre-Construction | November 11, 2015 | November 16, 2015 | November 23, 2015 | A |
| 3 | SUB-15-00008-GAZI-003A | A | Temporary Project Signs | Pre-Construction | November 11, 2015 | November 16, 2015 | November 30, 2015 | B |
| 4 | SUB-15-00008-GAZI-004A | A | Engineers Primary Field Office | Pre-Construction | November 11, 2015 | November 16, 2015 | November 30, 2015 | D |
| 5 | SUB-15-00008-GAZI-004B | B | Engineers Primary Field Office | Pre-Construction | December 14, 2015 | December 15, 2015 | December 23, 2015 | B |
| 6 | SUB-15-00008-GAZI-005A | A | Engineers Computer Systems & Miscellaneous | Pre-Construction | November 16, 2015 | November 16, 2015 | November 23, 2015 | C |
| 7 | SUB-15-00008-GAZI-005B | B | Engineers Computer Systems & Miscellaneous | Pre-Construction | December 2, 2015 | December 6, 2015 | December 15, 2015 | B |
| 8 | SUB-15-00008-GAZI-006A | A | List of permits & licenses | Pre-Construction | November 16, 2015 | November 16, 2015 | November 23, 2015 | C |
| 9 | SUB-15-00008-GAZI-006-B | B | List of permits & Licenses | Pre-Construction | December 16, 2015 | December 17, 2015 | December 28, 2015 | A |
| 10 | SUB-15-00008-GAZI-007A | A | Environmental Monitoring & Mitigation Plan | Pre-Construction | November 19, 2015 | November 22, 2015 | December 1, 2015 | C |
| 11 | SUB-15-00008-GAZI-007B | B | Environmental Monitoring & Mitigation Plan | Pre-Construction | December 13, 2015 | December 13, 2015 | December 16, 2015 | B |
| 12 | SUB-15-00008-GAZI-008A | A | Preliminary Progress Schedule Submittal (60 Day Plan of Operation) | Pre-Construction | November 19, 2015 | November 22, 2015 | December 8, 2015 | B |



TO-15-00008 Construction Monthly Progress Report – December 2015

| No. | Submittal Number | REV. | Submittal Description | Submittal Classification | Submit Date | Receive by B&V | Return to Morganti | Status |
|-----|------------------------|------|--|--------------------------|-------------------|-------------------|--------------------|--------------|
| 13 | SUB-15-00008-GAZI-009A | A | Engineer's Primary & Secondary Field Offices furniture | Pre-Construction | November 19, 2015 | November 22, 2015 | November 23, 2015 | B |
| 14 | SUB-15-00008-GAZI-010A | A | Storage Yard | Pre-Construction | November 19, 2015 | November 22, 2015 | December 6, 2015 | C |
| 15 | SUB-15-00008-GAZI-010B | B | Storage Yard | Pre-Construction | December 7, 2015 | December 7, 2015 | December 14, 2015 | A |
| 16 | SUB-15-00008-GAZI-011A | A | Engineer's Secondary Field Office | Pre-Construction | November 19, 2015 | November 22, 2015 | November 30, 2015 | B |
| 17 | SUB-15-00008-GAZI-012A | A | General Construction Method Statement | Pre-Construction | November 21, 2015 | November 22, 2015 | December 17, 2015 | C |
| 18 | SUB-15-00008-GAZI-012B | B | General Construction Method Statement | Pre-Construction | December 26, 2015 | December 27, 2015 | | Under Review |
| 19 | SUB-15-00008-ATA-013A | 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 |
| 20 | SUB-15-00008-GAZI-014A | A | Shop Drawings Frame | Shop Drawings | November 26, 2015 | November 26, 2015 | November 30, 2015 | A |
| 21 | SUB-15-00008-NUS-015A | A | Nuseirat Temporary Project Signs Location | Pre-Construction | November 26, 2015 | November 26, 2015 | December 2, 2015 | B |
| 22 | SUB-15-00008-GAZI-016A | A | Project's Insurance Policies | Pre-Construction | November 28, 2015 | November 29, 2015 | December 8, 2015 | E |
| 23 | SUB-15-00008-GAZI-017A | A | Third Party Testing Labs | Pre-Construction | November 29, 2015 | November 30, 2015 | December 8, 2015 | C |
| 24 | SUB-15-00008-GAZI-017B | B | Third Party Testing Labs | Pre-Construction | December 23, 2015 | December 27, 2015 | | Under Review |
| 25 | SUB-15-00008-GAZI-018A | A | PVC Pipes & Fittings | Materials | December 3, 2015 | December 6, 2015 | December 28, 2015 | C |
| 26 | SUB-15-00008-GAZI-019A | A | PVC Water Stop Product Name: Supercast wa-tafoil Manufacturer: FOSROC | Materials | December 3, 2015 | December 6, 2015 | December 14, 2015 | B |
| 27 | SUB-15-00008-GAZI-020A | A | Expandable Water Stop Product Name: Supercast SW10 Manufacturer: FOSROC | Materials | December 3, 2015 | December 6, 2015 | December 15, 2015 | B |
| 28 | SUB-15-00008-GAZI-021A | A | Stainless Steel Spool | Materials | December 3, 2015 | December 6, 2015 | December 14, 2015 | C |



TO-15-00008 Construction Monthly Progress Report – December 2015

| No. | Submittal Number | REV. | Submittal Description | Submittal Classification | Submit Date | Receive by B&V | Return to Morganti | Status |
|-----|------------------------|------|---|--------------------------|-------------------|-------------------|--------------------|--------|
| 29 | SUB-15-00008-GAZI-022A | A | Perforated Pipe Product Name: Super Kiz Manufacturer: Eliyahou Plastic Ltd. | Materials | December 3, 2015 | December 6, 2015 | December 16, 2015 | B |
| 30 | SUB-15-00008-ATA-023A | A | Al Atatrah Temporary Project Signs Location | Pre-Construction | December 6, 2015 | December 7, 2015 | December 14, 2015 | A |
| 31 | SUB-15-00008-ATA-024A | A | Al Atatrah Survey Grid & Contour Lines | Shop Drawings | December 6, 2015 | December 7, 2015 | December 29, 2015 | A |
| 32 | SUB-15-00008-NUS-025A | A | Nuseirat Survey Grid & Contour Lines | Shop Drawings | December 6, 2015 | December 7, 2015 | December 28, 2015 | A |
| 33 | SUB-15-00008-ATA-026A | A | Dilapidation Survey for AL2, AL S1, AL S2 & AL S3 | Pre-Construction | December 10, 2015 | December 10, 2015 | December 23, 2015 | A |
| 34 | SUB-15-00008-GAZI-027A | A | Dumping Site | Pre-Construction | December 10, 2015 | December 10, 2015 | December 15, 2015 | A |
| 35 | SUB-15-00008-GAZI-028A | 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 |
| 36 | SUB-15-00008-GAZI-029A | A | Grounding system materials: • Grounding cable (PAMUKKALE KABLO). • Grounding Materials Datasheets (YAKIR Industries Ltd). | Materials | December 10, 2015 | December 10, 2015 | December 24, 2015 | B |
| 37 | SUB-15-00008-GAZI-030A | A | Cement Supplier: Sanad Con- struction Industries | Pre-Construction | December 10, 2015 | December 10, 2015 | December 15, 2015 | E |
| 38 | SUB-15-00008-GAZI-031A | A | Reinforcement Steel Manufac- tures (Data Sheet Turkish Products) | Materials | December 13, 2015 | December 13, 2015 | December 15, 2015 | E |
| 39 | SUB-15-00008-GAZI-032A | A | EUROSTOP Butterfly Valve Manufacture: PAM SAINT-GO- BAIN | Materials | December 13, 2015 | December 13, 2015 | December 21, 2015 | C |
| 40 | SUB-15-00008-GAZI-033A | A | Main Distribution Board | Materials | December 13, 2015 | December 13, 2015 | December 24, 2015 | C |
| 41 | SUB-15-00008-GAZI-034A | A | SBD Distribution Board & Load Schedule | Materials | December 13, 2015 | December 13, 2015 | December 29, 2015 | C |
| 42 | SUB-15-00008-GAZI-035A | A | Cable Ladder | Materials | December 13, 2015 | December 13, 2015 | December 24, 2015 | B |
| 43 | SUB-15-00008-GAZI-036A | A | Cable Lugs | Materials | December 13, 2015 | December 13, 2015 | December 24, 2015 | B |



TO-15-00008 Construction Monthly Progress Report – December 2015

| No. | Submittal Number | REV. | Submittal Description | Submittal Classification | Submit Date | Receive by B&V | Return to Morganti | Status |
|-----|-------------------------|------|---|--------------------------|-------------------|-------------------|--------------------|--------------|
| 44 | SUB-15-00008-GAZI-037A | A | Colored PVC Pipes | Materials | December 13, 2015 | December 13, 2015 | December 25, 2015 | C |
| 45 | SUB-15-00008-GAZI-038A | A | Warning Tape | Materials | December 13, 2015 | December 13, 2015 | December 25, 2015 | C |
| 46 | SUB-15-00008-GAZI-039A | A | Flexible Conduit | Materials | December 13, 2015 | December 13, 2015 | December 25, 2015 | B |
| 47 | SUB-15-00008-GAZI-040A | A | Disconnect Switch | Materials | December 14, 2015 | December 15, 2015 | December 25, 2015 | B |
| 48 | SUB-15-00008-GAZI-041A | A | Disconnect Switch for Pumps | Materials | December 14, 2015 | December 15, 2015 | December 25, 2015 | B |
| 49 | SUB-15-00008-GAZI-042A | A | Cable Glands | Materials | December 14, 2015 | December 15, 2015 | December 25, 2015 | A |
| 50 | SUB-15-00008-GAZI-043A | A | Metal Box | Materials | December 14, 2015 | December 15, 2015 | December 25, 2015 | B |
| 51 | SUB-15-00008-GAZI-044A | A | Power Cable | Materials | December 14, 2015 | December 15, 2015 | December 25, 2015 | B |
| 52 | SUB-15-00008-GAZI-045A | A | PVC Fittings | Materials | December 14, 2015 | December 15, 2015 | December 25, 2015 | C |
| 53 | SUB-15-00008-GAZI-046-A | A | PVC Pipe | Materials | December 14, 2015 | December 15, 2015 | December 25, 2015 | B |
| 54 | SUB-15-00008-GAZI-047-A | A | Solvent Cement for PVC Systems | Materials | December 14, 2015 | December 15, 2015 | December 28, 2015 | A |
| 55 | SUB-15-00008-GAZI-048-A | A | Receptacles and Switches | Materials | December 14, 2015 | December 15, 2015 | December 25, 2015 | C |
| 56 | 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 |
| 57 | SUB-15-00008-GAZI-050-A | A | Conduits for Electrical works (Galvanized Steel Pipes) | Materials | December 14, 2015 | December 15, 2015 | | Under Review |
| 58 | SUB-15-00008-GAZI-051-A | A | External Hot Galvanized Steel Light Poles | Materials | December 14, 2015 | December 15, 2015 | | Under Review |
| 59 | SUB-15-00008-NUS-052-A | A | Nuseirat Diesel Generator (300KW) Manufacturer: FG WIL- SON | Materials | December 14, 2015 | December 15, 2015 | | Under Review |
| 60 | 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 |



TO-15-00008 Construction Monthly Progress Report – December 2015

| No. | Submittal Number | REV. | Submittal Description | Submittal Classification | Submit Date | Receive by B&V | Return to Morganti | Status |
|-----|-------------------------|------|--|--------------------------|-------------------|-------------------|--------------------|--------------|
| 61 | SUB-15-00008-GAZI-054-A | A | Construction Risk Management Program (CRMP) | Pre-Construction | December 15, 2015 | December 16, 2015 | December 29, 2015 | C |
| 62 | SUB-15-00008-GAZI-055-A | A | Lighting Fixtures | Materials | December 15, 2015 | December 16, 2015 | | Under Review |
| 63 | SUB-15-00008-GAZI-056-A | A | 1" & 2" Combination Air Valves | Materials | December 15, 2015 | December 16, 2015 | | Under Review |
| 64 | SUB-15-00008-GAZI-057-A | A | 3" & 4" Combination Air Valves | Materials | December 15, 2015 | December 16, 2015 | | Under Review |
| 65 | SUB-15-00008-GAZI-058-A | A | Ball Valves DN50 & Smaller | Materials | December 15, 2015 | December 16, 2015 | December 30, 2015 | B |
| 66 | SUB-15-00008-GAZI-059-A | A | Electromagnetic Flow Meter | Materials | December 15, 2015 | December 16, 2015 | | Under Review |
| 67 | SUB-15-00008-GAZI-060-A | A | Pressure Level Transmitters | Materials | December 15, 2015 | December 16, 2015 | | Under Review |
| 68 | 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 |
| 69 | 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 |
| 70 | SUB-15-00008-GAZI-063-A | A | Submittals Schedule | Pre-Construction | December 20, 2015 | December 20, 2015 | | Under Review |
| 71 | SUB-15-00008-GAZI-064-A | A | Quality Control Program (QCP) | Pre-Construction | December 20, 2015 | December 20, 2015 | | Under Review |
| 72 | SUB-15-00008-GAZI-065-A | A | Safety Plan | Pre-Construction | December 20, 2015 | December 20, 2015 | | Under Review |
| 73 | SUB-15-00008-ATA-066A | A | Al Atatrah Traffic Plan | Pre-Construction | December 20, 2015 | December 20, 2015 | | Under Review |
| 74 | SUB-15-00008-NUS-067A | A | Nuseirat Traffic Plan | Pre-Construction | December 20, 2015 | December 20, 2015 | | Under Review |
| 75 | SUB-15-00008-GAZI-068-A | A | Ready Mix Concrete Batching Plant (Al-Taawn Company for ready mix concrete) | Materials | December 20, 2015 | December 20, 2015 | December 25, 2015 | E |
| 76 | SUB-15-00008-GAZI-069-A | A | Back Flow Preventer | Materials | December 20, 2015 | December 20, 2015 | | Under Review |
| 77 | SUB-15-00008-GAZI-070-A | A | PVC Box (Electrical) | Materials | December 20, 2015 | December 20, 2015 | | Under Review |
| 78 | SUB-15-00008-GAZI-071-A | A | Float Level Switch | Materials | December 20, 2015 | December 20, 2015 | | Under Review |



TO-15-00008 Construction Monthly Progress Report – December 2015

| No. | Submittal Number | REV. | Submittal Description | Submittal Classification | Submit Date | Receive by B&V | Return to Morganti | Status |
|-----|-------------------------|------|---|--------------------------|-------------------|-------------------|--------------------|--------------|
| 79 | SUB-15-00008-GAZI-072-A | A | Flow Switch | Materials | December 20, 2015 | December 20, 2015 | | Under Review |
| 80 | SUB-15-00008-GAZI-073-A | A | Expansion Joint | Materials | December 20, 2015 | December 20, 2015 | | Under Review |
| 81 | SUB-15-00008-GAZI-074-A | A | Key Personnel | Pre-Construction | December 20, 2015 | December 20, 2015 | December 25, 2015 | E |
| 82 | SUB-15-00008-GAZI-075-A | A | Data cable – CAT 6A | Materials | December 22, 2015 | December 22, 2015 | | Under Review |
| 83 | SUB-15-00008-GAZI-076-A | A | Installation Wire | Materials | December 22, 2015 | December 22, 2015 | | Under Review |
| 84 | SUB-15-00008-GAZI-077-A | A | Intrusion System | Materials | December 22, 2015 | December 22, 2015 | | Under Review |
| 85 | SUB-15-00008-GAZI-078-A | A | Fire Alarm System | Materials | December 22, 2015 | December 22, 2015 | | Under Review |
| 86 | SUB-15-00008-GAZI-079-A | A | Control & Signal Cable | Materials | December 22, 2015 | December 22, 2015 | | Under Review |
| 87 | SUB-15-00008-GAZI-080-A | A | Flanged coupling adapters (PN16) For Ductile Iron Pipes | Materials | December 22, 2015 | December 22, 2015 | | Under Review |
| 88 | SUB-15-00008-GAZI-081-A | A | Flanged coupling adapters (PN16) For Steel Pipes | Materials | December 22, 2015 | December 22, 2015 | | Under Review |
| 89 | SUB-15-00008-GAZI-082-A | A | Pressure Gauges & Snubbers | Materials | December 22, 2015 | December 22, 2015 | | Under Review |
| 90 | SUB-15-00008-GAZI-083-A | A | Strainer | Materials | December 22, 2015 | December 22, 2015 | | Under Review |
| 91 | SUB-15-00008-ATA-084-A | A | Al Atatrah Grade 3800M3 Reser- voir Shop Drawing / Structural & Architectural | Shop Drawings | December 22, 2015 | December 22, 2015 | | Under Review |
| 92 | SUB-15-00008-GAZI-085-A | A | Submersible Grinder Pump with float | Materials | December 23, 2015 | December 27, 2015 | | Under Review |
| 93 | SUB-15-00008-GAZI-086-A | A | Flap Valve | Materials | December 23, 2015 | December 27, 2015 | | Under Review |
| 94 | SUB-15-00008-NUS-087-A | A | Nuseirat Grade 3800M3 Reser- voir Shop Drawing / Structural & Architectural | Shop Drawings | December 23, 2015 | December 27, 2015 | | Under Review |
| 95 | SUB-15-00008-GAZI-088-A | A | Plumping Fixtures | Materials | December 26, 2015 | December 27, 2015 | | Under Review |
| 96 | SUB-15-00008-GAZI-089-A | A | Disinfection System Instruments | Materials | December 26, 2015 | December 27, 2015 | | Under Review |
| 97 | SUB-15-00008-GAZI-090-A | A | Original CPM Schedule | Pre-Construction | December 26, 2015 | December 27, 2015 | | Under Review |

A = No Exceptions Noted

B = Exceptions Noted

C = Returned for Correction

D = Not Acceptable

E = Record Copy

Annex H – 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 Plasim 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 | | | |

Annex I - Geo-MIS Data



TO-15-00008 Construction Monthly Progress Report – December 2015

Project 1 (ATA)

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: (Al Atatrah)

TEMPORARY JOB DAYS REPORT

Gaza - Construction of Reservoirs and Pumping Facilities Package I

Period

From:

December 1, 2015

To:

December 31, 2015

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 | Engineers Subject to USAID Approval | Project Engineer | Project Control Engineer | Site Engineer | Electrical Engineer | Mechanical Engineer | Office Engineer | Office Engineer (F) | Foreman | Skilled Labor | Operator | Flagman | Unskilled Labor | Surveyor | Driver | Storage Guard | | | | | | | |
| December 1, 2015 | 4 | 2 | 0 | 0 | 16 | 8 | 0 | 0 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.75 | 5 | 0 | 0 | 0 | 5.25 | 0.5 |
| December 2, 2015 | 4 | 2 | 0 | 0 | 16 | 8 | 0 | 0 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.75 | 5 | 0 | 0 | 0 | 5.25 | 0.5 |
| December 3, 2015 | 4 | 2 | 0 | 0 | 16 | 8 | 0 | 0 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.75 | 5 | 0 | 0 | 0 | 5.25 | 0.5 |
| December 4, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 5, 2015 | 4 | 2 | 0 | 0 | 16 | 8 | 0 | 0 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.75 | 5 | 0 | 0 | 0 | 5.25 | 0.5 |
| December 6, 2015 | 4 | 2 | 0 | 0 | 16 | 8 | 0 | 0 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.75 | 5 | 0 | 0 | 0 | 5.25 | 0.5 |

| 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 | Engineers Subject to USAID Approval | Project Engineer | Project Control Engineer | Site Engineer | Electrical Engineer | Mechanical Engineer | Office Engineer | Office Engineer (F) | Foreman | Skilled Labor | Operator | Flagman | Unskilled Labor | Surveyor | Driver | | | | | | | | Storage Guard |
| December 21, 2015 | 4 | 2 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.25 | 3.5 | 0 | 0 | 0 | 4.25 | 0.5 |
| December 22, 2015 | 4 | 2 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.25 | 3.5 | 0 | 0 | 0 | 4.25 | 0.5 |
| December 23, 2015 | 4 | 2 | 4 | 0 | 0 | 8 | 4 | 8 | 4 | 4 | 4 | 4 | 0 | 16 | 0 | 0 | 16 | 8 | 4 | 8 | 1.25 | 4.5 | 2 | 2 | 2.5 | 11.75 | 0.5 |
| December 24, 2015 | 4 | 2 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 4 | 4 | 0 | 8 | 0 | 0 | 12 | 0 | 4 | 8 | 1.25 | 3.5 | 1 | 1.5 | 1.5 | 8.25 | 0.5 |
| December 25, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 26, 2015 | 4 | 2 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 0 | 8 | 0 | 0 | 4 | 0 | 16 | 0 | 4 | 12 | 1.25 | 3.5 | 0.5 | 2 | 2 | 8.25 | 1 |
| December 27, 2015 | 4 | 4 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 1.5 | 3.5 | 0 | 0 | 3 | 7 | 1 |
| December 28, 2015 | 4 | 4 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 1.5 | 3.5 | 0 | 0 | 3 | 7 | 1 |
| December 29, 2015 | 4 | 4 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 1.5 | 3.5 | 0 | 0 | 3 | 7 | 1 |
| December 30, 2015 | 4 | 4 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 0 | 8 | 0 | 8 | 0 | 0 | 8 | 0 | 0 | 24 | 1.5 | 3.5 | 1 | 1 | 3 | 9 | 1 |
| December 31, 2015 | 4 | 4 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 1.5 | 3.5 | 0 | 0 | 3 | 7 | 1 |
| Total of Month | 108.0 | 64.0 | 76.0 | 0.0 | 128.0 | 216.0 | 76.0 | 8.0 | 108.0 | 108.0 | 84.0 | 132.0 | 0.0 | 32.0 | 4.0 | 0.0 | 52.0 | 8.0 | 12.0 | 148.0 | 31.0 | 107.5 | 4.5 | 6.5 | 21.0 | 154.0 | 16.5 |

* 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 with 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 – December 2015

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: (AL ATATRAH)
 Temporary Job Days Summary Report

Task Order Name: GAZI - Construction of Reservoirs and Pumping Facilities Package I

PERIOD FROM: December 1, 2015

CONTRACTOR: The Morganti Group, Inc.

PERIOD TO: December 31, 2015

| 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 | | | | | | | | | | |
| February | 2016 | | | | | | | | | | |
| March | 2016 | | | | | | | | | | |
| April | 2016 | | | | | | | | | | |
| May | 2016 | | | | | | | | | | |
| June | 2016 | | | | | | | | | | |
| July | 2016 | | | | | | | | | | |
| August | 2016 | | | | | | | | | | |
| September | 2016 | | | | | | | | | | |
| Sub-total of FY 2016 | | 50.3 | 266.5 | 4.5 | 6.5 | 21.0 | 348.8 | 14.7 | 316.8 | 32.0 | |



TO-15-00008 Construction Monthly Progress Report – December 2015

| 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 | 2016 | | | | | | 0 | 0 | | | |
| November | 2016 | | | | | | 0 | 0 | | | |
| December | 2016 | | | | | | 0 | 0 | | | |
| January | 2017 | | | | | | 0 | 0 | | | |
| February | 2017 | | | | | | 0 | 0 | | | |
| March | 2017 | | | | | | 0 | 0 | | | |
| April | 2017 | | | | | | 0 | 0 | | | |
| May | 2017 | | | | | | 0 | 0 | | | |
| June | 2017 | | | | | | 0 | 0 | | | |
| Sub-total of FY 2017 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Grand Total FY 16 & 17 | | 50.3 | 266.5 | 4.5 | 6.5 | 21.0 | 348.8 | 14.7 | 316.8 | 32.0 | |

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.



TO-15-00008 Construction Monthly Progress Report – December 2015

Project 2 (NUS)

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 2: (Nuseirat)

TEMPORARY JOB DAYS REPORT

Gaza - Construction of Reservoirs and Pumping Facilities Package I

Period From: December 1, 2015 To: December 31, 2015

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 | Engineers Subject to USAID Approval | Project Engineer | Project Control Engineer | Site Engineer | Electrical Engineer | Mechanical Engineer | Office Engineer | Office Engineer (F) | Foreman | Skilled Labor | Operator | Flagman | Unskilled Labor | Surveyor | Driver | | | | | | | | Storage Guard | |
| December 1, 2015 | 4 | 2 | 0 | 0 | 16 | 8 | 0 | 0 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.75 | 5 | 0 | 0 | 0 | 5.25 | 0.5 |
| December 2, 2015 | 4 | 2 | 0 | 0 | 16 | 8 | 0 | 0 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.75 | 5 | 0 | 0 | 0 | 5.25 | 0.5 |
| December 3, 2015 | 4 | 2 | 0 | 0 | 16 | 8 | 0 | 0 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.75 | 5 | 0 | 0 | 0 | 5.25 | 0.5 |
| December 4, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 5, 2015 | 4 | 2 | 0 | 0 | 16 | 8 | 0 | 0 | 4 | 4 | 4 | 4 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.75 | 5 | 2 | 0 | 0 | 7.25 | 0.5 |
| December 6, 2015 | 4 | 2 | 0 | 0 | 16 | 8 | 0 | 0 | 4 | 4 | 4 | 4 | 8 | 16 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0.75 | 5 | 3 | 3 | 0 | 11.25 | 0.5 |
| December 7, 2015 | 4 | 2 | 0 | 0 | 16 | 8 | 0 | 0 | 4 | 4 | 4 | 4 | 8 | 40 | 0 | 0 | 32 | 0 | 0 | 0 | 0 | 0.75 | 5 | 6 | 4 | 0 | 15.25 | 0.5 |



TO-15-00008 Construction Monthly Progress Report – December 2015

| DATE | Site Staff Job Days ** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|-------------------------------|--------------------------|-------------------------|---|-------------------------------------|------------------|--------------------------|---------------|---------------------|---------------------|-----------------|---------------------|---------------|---------------|----------|-----------------|-----------------|----------|--------|---------------|------------------|-----------------|---------------|-----------------|-------------|-------|--------|
| | Worker/Classification (Hours) | | | | | | | | | | | | | | | | | | | Man-days* | | | | Gender | | | |
| | Management | | | | Engineers | | | | | | | | Skilled labor | | | Unskilled labor | | Other | | | Total Management | Total Engineers | Total Skilled | Total Unskilled | Total Other | Male | Female |
| | Task Order Manager | SAK Construction Manager | Quality Control Manager | Safety & Environmental Compliance Officer | Engineers Subject to USAID Approval | Project Engineer | Project Control Engineer | Site Engineer | Electrical Engineer | Mechanical Engineer | Office Engineer | Office Engineer (F) | Foreman | Skilled Labor | Operator | Flagman | Unskilled Labor | Surveyor | Driver | Storage Guard | | | | | | | |
| December 8, 2015 | 4 | 2 | 0 | 0 | 16 | 8 | 0 | 0 | 4 | 4 | 4 | 4 | 8 | 32 | 0 | 0 | 24 | 0 | 0 | 0 | 0.75 | 5 | 5 | 3 | 0 | 13.25 | 0.5 |
| December 9, 2015 | 4 | 2 | 0 | 0 | 16 | 8 | 0 | 0 | 4 | 4 | 4 | 4 | 8 | 24 | 0 | 0 | 24 | 0 | 0 | 0 | 0.75 | 5 | 4 | 3 | 0 | 12.25 | 0.5 |
| December 10, 2015 | 4 | 2 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 4 | 4 | 8 | 16 | 0 | 0 | 16 | 0 | 0 | 0 | 1.25 | 3.5 | 3 | 2 | 0 | 9.25 | 0.5 |
| December 11, 2015 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 12, 2015 | 4 | 2 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 4 | 4 | 8 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 1.25 | 3.5 | 1 | 1 | 0 | 6.25 | 0.5 |
| December 13, 2015 | 4 | 2 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 4 | 4 | 8 | 8 | 0 | 0 | 16 | 0 | 0 | 0 | 1.25 | 3.5 | 2 | 2 | 0 | 8.25 | 0.5 |
| December 14, 2015 | 4 | 2 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 4 | 4 | 8 | 16 | 0 | 0 | 24 | 0 | 8 | 0 | 1.25 | 3.5 | 3 | 3 | 1 | 11.25 | 0.5 |
| December 15, 2015 | 4 | 2 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 4 | 4 | 8 | 40 | 0 | 0 | 24 | 0 | 8 | 8 | 1.25 | 3.5 | 6 | 3 | 2 | 15.25 | 0.5 |
| December 16, 2015 | 4 | 2 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 4 | 4 | 8 | 40 | 0 | 0 | 24 | 0 | 8 | 8 | 1.25 | 3.5 | 6 | 3 | 2 | 15.25 | 0.5 |
| December 17, 2015 | 4 | 2 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 4 | 4 | 8 | 24 | 0 | 0 | 24 | 0 | 8 | 8 | 1.25 | 3.5 | 4 | 3 | 2 | 13.25 | 0.5 |
| December 18, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 19, 2015 | 4 | 2 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 4 | 4 | 8 | 0 | 0 | 0 | 16 | 0 | 8 | 8 | 1.25 | 3.5 | 1 | 2 | 2 | 9.25 | 0.5 |
| December 20, 2015 | 4 | 2 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 4 | 4 | 0 | 16 | 0 | 0 | 8 | 0 | 8 | 8 | 1.25 | 3.5 | 2 | 1 | 2 | 9.25 | 0.5 |
| December 21, 2015 | 4 | 2 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | | 1.25 | 3.5 | 0 | 0 | 1 | 5.25 | 0.5 |



TO-15-00008 Construction Monthly Progress Report – December 2015

| DATE | Site Staff Job Days ** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|-------------------------------|--------------------------|-------------------------|---|-------------------------------------|------------------|--------------------------|---------------|---------------------|---------------------|-----------------|---------------------|---------------|---------------|----------|-----------------|-----------------|----------|--------|---------------|------------------|-----------------|---------------|-----------------|-------------|-------|--------|
| | Worker/Classification (Hours) | | | | | | | | | | | | | | | | | | | Man-days* | | | | | Gender | | |
| | Management | | | | Engineers | | | | | | | | Skilled labor | | | Unskilled labor | | Other | | | Total Management | Total Engineers | Total Skilled | Total Unskilled | Total Other | Male | Female |
| | Task Order Manager | SAK Construction Manager | Quality Control Manager | Safety & Environmental Compliance Officer | Engineers Subject to USAID Approval | Project Engineer | Project Control Engineer | Site Engineer | Electrical Engineer | Mechanical Engineer | Office Engineer | Office Engineer (F) | Foreman | Skilled Labor | Operator | Flagman | Unskilled Labor | Surveyor | Driver | Storage Guard | | | | | | | |
| December 22, 2015 | 4 | 2 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 4 | 4 | 0 | 16 | 0 | 0 | 16 | 0 | 0 | 8 | 1.25 | 3.5 | 2 | 2 | 1 | 9.25 | 0.5 |
| December 23, 2015 | 4 | 2 | 4 | 0 | 0 | 8 | 4 | 8 | 4 | 4 | 4 | 4 | 0 | 8 | 0 | 0 | 16 | 8 | 0 | 8 | 1.25 | 4.5 | 1 | 2 | 2 | 10.25 | 0.5 |
| December 24, 2015 | 4 | 2 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 4 | 4 | 0 | 8 | 0 | 0 | 12 | 0 | 4 | 8 | 1.25 | 3.5 | 1 | 1.5 | 1.5 | 8.25 | 0.5 |
| December 25, 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 26, 2015 | 4 | 2 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 0 | 8 | 0 | 8 | 4 | 0 | 12 | 0 | 4 | 8 | 1.25 | 3.5 | 1.5 | 1.5 | 1.5 | 8.25 | 1 |
| December 27, 2015 | 4 | 4 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 0 | 8 | 0 | 16 | 0 | 0 | 16 | 0 | 8 | 12 | 1.5 | 3.5 | 2 | 2 | 2.5 | 10.5 | 1 |
| December 28, 2015 | 4 | 4 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 0 | 8 | 0 | 8 | 0 | 0 | 16 | 0 | 8 | 12 | 1.5 | 3.5 | 1 | 2 | 2.5 | 9.5 | 1 |
| December 29, 2015 | 4 | 4 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 0 | 8 | 0 | 16 | 0 | 0 | 8 | 0 | 8 | 12 | 1.5 | 3.5 | 2 | 1 | 2.5 | 9.5 | 1 |
| December 30, 2015 | 4 | 4 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 0 | 8 | 0 | 0 | 0 | 0 | 16 | 0 | 8 | 12 | 1.5 | 3.5 | 0 | 2 | 2.5 | 8.5 | 1 |
| December 31, 2015 | 4 | 4 | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 4 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 1.5 | 3.5 | 0 | 0 | 1.5 | 5.5 | 1 |
| Total of Month | 108.0 | 64.0 | 76.0 | 0.0 | 128.0 | 216.0 | 76.0 | 8.0 | 108.0 | 108.0 | 84.0 | 132.0 | 96.0 | 368.0 | 4.0 | 0.0 | 376.0 | 8.0 | 88.0 | 140.0 | 31.0 | 107.5 | 58.5 | 47.0 | 29.5 | 257.0 | 16.5 |

* 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 – December 2015

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 2: (Nuseirat)

Temporary Job Days Summary Report

Task Order Name: GAZI - Construction of Reservoirs and Pumping Facilities Package I

PERIOD FROM: October 26, 2015

CONTRACTOR: The Morganti Group, Inc.

PERIOD TO: December 31, 2015

| 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 | 11.5 | 257.0 | 16.5 | |
| January | 2016 | | | | | | | | | | |
| February | 2016 | | | | | | | | | | |
| March | 2016 | | | | | | | | | | |
| April | 2016 | | | | | | | | | | |
| May | 2016 | | | | | | | | | | |
| June | 2016 | | | | | | | | | | |
| July | 2016 | | | | | | | | | | |
| August | 2016 | | | | | | | | | | |
| September | 2016 | | | | | | | | | | |
| Sub-total of FY 2016 | | 50.3 | 266.5 | 58.5 | 47.0 | 29.5 | 451.8 | 19.0 | 419.8 | 32.0 | |



TO-15-00008 Construction Monthly Progress Report – December 2015

| 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 | 2016 | | | | | | 0 | 0 | | | |
| November | 2016 | | | | | | 0 | 0 | | | |
| December | 2016 | | | | | | 0 | 0 | | | |
| January | 2017 | | | | | | 0 | 0 | | | |
| February | 2017 | | | | | | 0 | 0 | | | |
| March | 2017 | | | | | | 0 | 0 | | | |
| April | 2017 | | | | | | 0 | 0 | | | |
| May | 2017 | | | | | | 0 | 0 | | | |
| June | 2017 | | | | | | 0 | 0 | | | |
| Sub-total of FY 2017 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Grand Total FY 16 & 17 | | 50.3 | 266.5 | 58.5 | 47.0 | 29.5 | 451.8 | 19.0 | 419.8 | 32.0 | |

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 J - Risk Register Log

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

| | | |
|--------|-----------------|---|
| IMPACT | High/ Critical | 3 |
| | Medium/ Serious | 2 |
| | Low/ Marginal | 1 |

| PROBABILITY | | |
|-----------------|----------------------|----------------|
| Low/ Improbable | Medium/ Could happen | High/ Probable |
| 1 | 2 | 3 |
| 3 | 6 | 9 |
| 2 | 4 | 6 |
| 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 |

| | |
|--------------------|--|
| Risk Event | 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 |
| Risk Cause | 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 |
| Risk Impact | If this Risk Event did occur, how would it impact objectives? What are the longer -term or cumulative consequences? |
| Risk Owner | Who will take the lead on this mitigation? |



TO-15-00008 Construction Monthly Progress Report – December 2015

| 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. | Long lead equipment/IT devices not available in country. | L | Morganti | Jan-16 | 3 | 1 | 3 | slightly | Mobilization delay | Mitigated | Provides temporary items. | TMGI | In Progress | |
| 2 | Design | | | | | | | | 0 | | | | | | | |
| 3 | Construction | | | | | | | | 0 | | | | | | | |
| 4 | Owner | | | | | | | | 0 | | | | | | | |
| 5 | USAID | | | | | | | | 0 | | | | | | | |
| 6 | Contractor | | | | | | | | 0 | | | | | | | |
| 7 | External Factors | | | | | | | | | | | | | | | |
| 8 | Procurements | Delay of material delivery. | long lead materials are not available in the country. Closure for borders Gramms system impedes the delivery | H | Morganti | | 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 | Morganti | | 3 | 3 | 9 | High Cost Impact | 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 | Morganti | | 2 | 3 | 6 | Unknown | Work delay | To be mitigated | Intensive coordination with related authorities | TMGI | In Progress | |