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.

June, 2016

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

Construction Monthly Progress Report

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

Contractor: The Morganti Group, Inc.

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Abbreviation

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

1. Task Order Overview

1.1. Description of the Task Order:

Infrastructure in Gaza suffers from years of neglect and lack of investment. The USAID Mission Infrastructure Needs Program II (INP II) focuses on the rehabilitation and construction of roads, schools, and water & wastewater projects. The USAID objective is to help the Palestinian economy by improving Palestinians access to basic infrastructure and services.

The objective of this Task Order is to construct two new water reservoirs, two new booster pump stations, and their associated supply and distribution pipelines, in order to improve distribution and increase access to clean drinking water to the population of Gaza, the first is Al Atatrah area located north of the Gaza Strip, the project at Al Atatrah area includes the construction of a 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	January 21, 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
1	Samir Arafat	Task Order Manager
2	Husam Melhem	Quality Control Manager
3	Salim Abu Rafea'	Safety and Environmental Compliance Officer
4	Tareq Al Sayegh	Project Control Engineer
5	Nabeel Abo Moussa	Surveyor

2. Scope of Work:

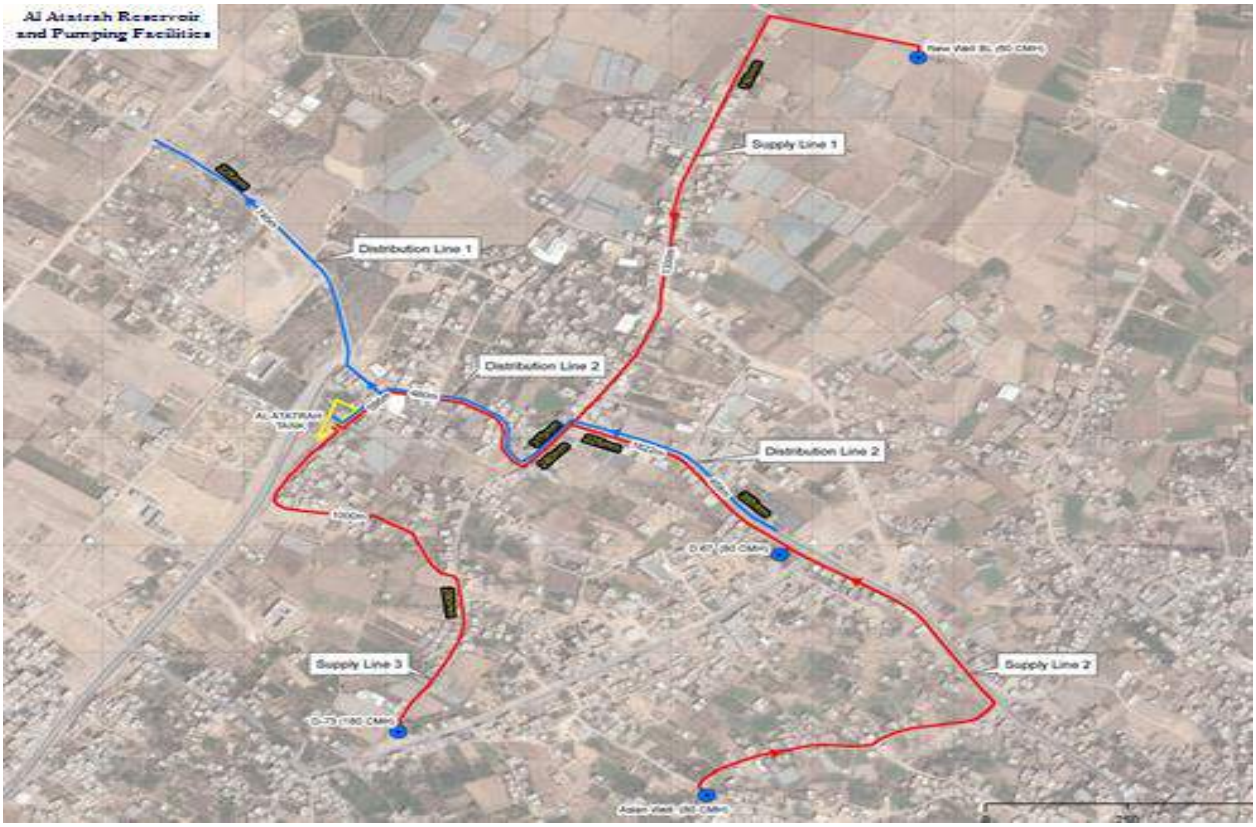
2.1. Project 1: Construction of Al Atatrah Reservoir and Pumping Facilities

2.1.1. Project General Information

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
Modified Contract Value	-
Start Date of Construction Activity	January 21, 2016
Contractual Period of Performance:	610 Calendar Days
Modified Period of Performance	-
Contractual End Date:	June 26, 2017
Project Location (Area and governorate)	Bait Lahia - North Governorate.

2.1.2. Vantage photo:

2.1.3. Project Key Map



Al Atatrah Reservoir and Pumping Facilities

2.1.4. Project Description

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

2.1.5. Statement of Work (SOW)

The project consists of the following constructions

A. Construction of Facilities

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

B. Construction of New Supply & Distribution Pipelines

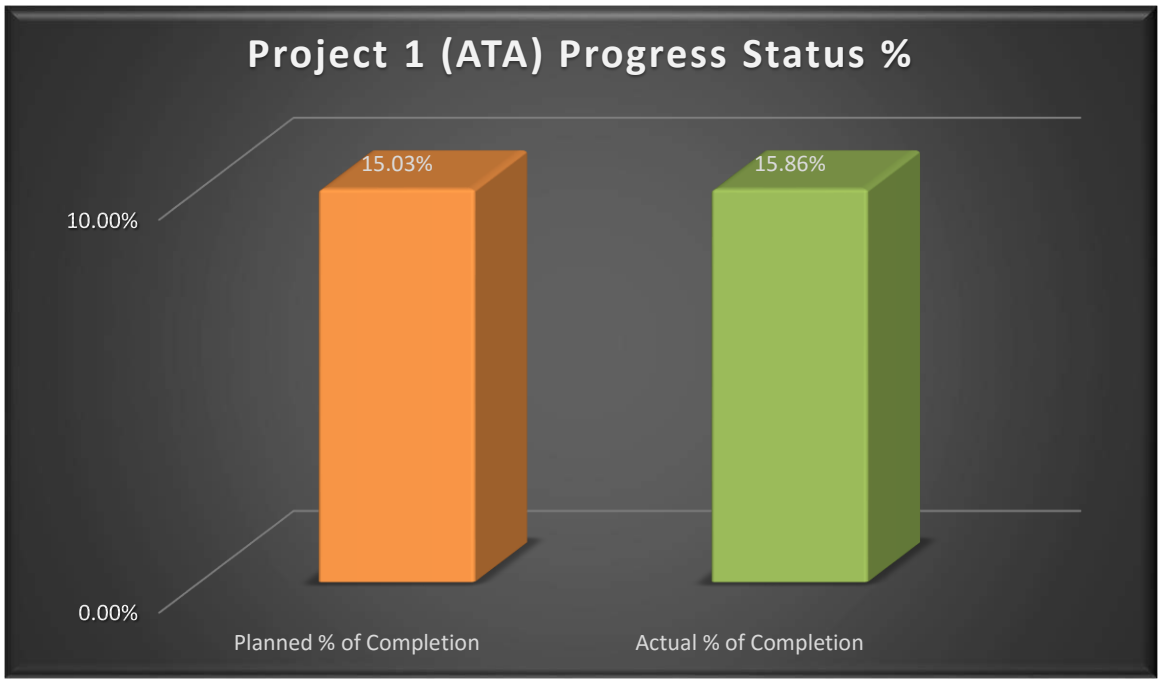
1. Supply Line 1 (280 mm x 0.63 km and 160 mm x 1.34 km)
2. Supply Line 2 (225 mm x 1.61 km)
3. Supply Line 3 (280 mm x 0.97 km)
4. Distribution Line 1 (355 mm x 0.07 km and 225 mm x 0.76 km)
5. Distribution Line 2 (315 mm x 0.93 km)

2.1.6. Project Dashboard Status

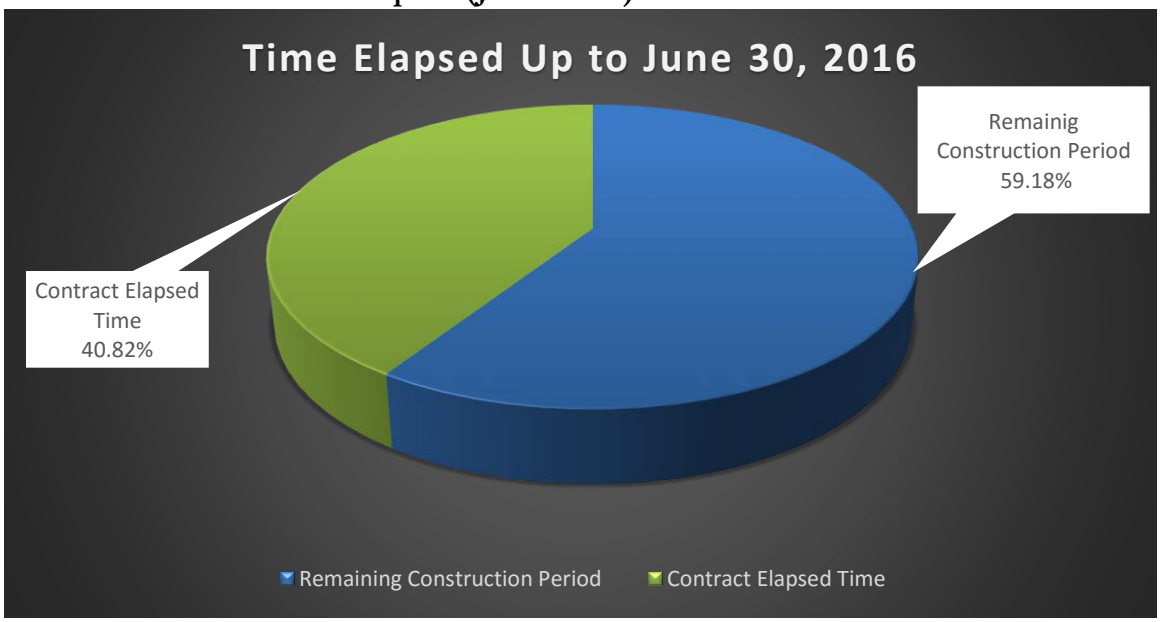
Contract Elapsed Time as of June 30, 2016 [%]	40.82 %
Planned Percentage of Completion through June 30, 2016 [%]	15.03 %
Actual Percentage of Completion through June 30, 2016 [%]	15.86 %
Float (Days)	-54

*Actual and planned percentages of work progress based on approved original CPM Schedule.

2.1.6.1. Progress Chart (June-2016)



2.1.6.2. Time Elapsed (June - 2016)



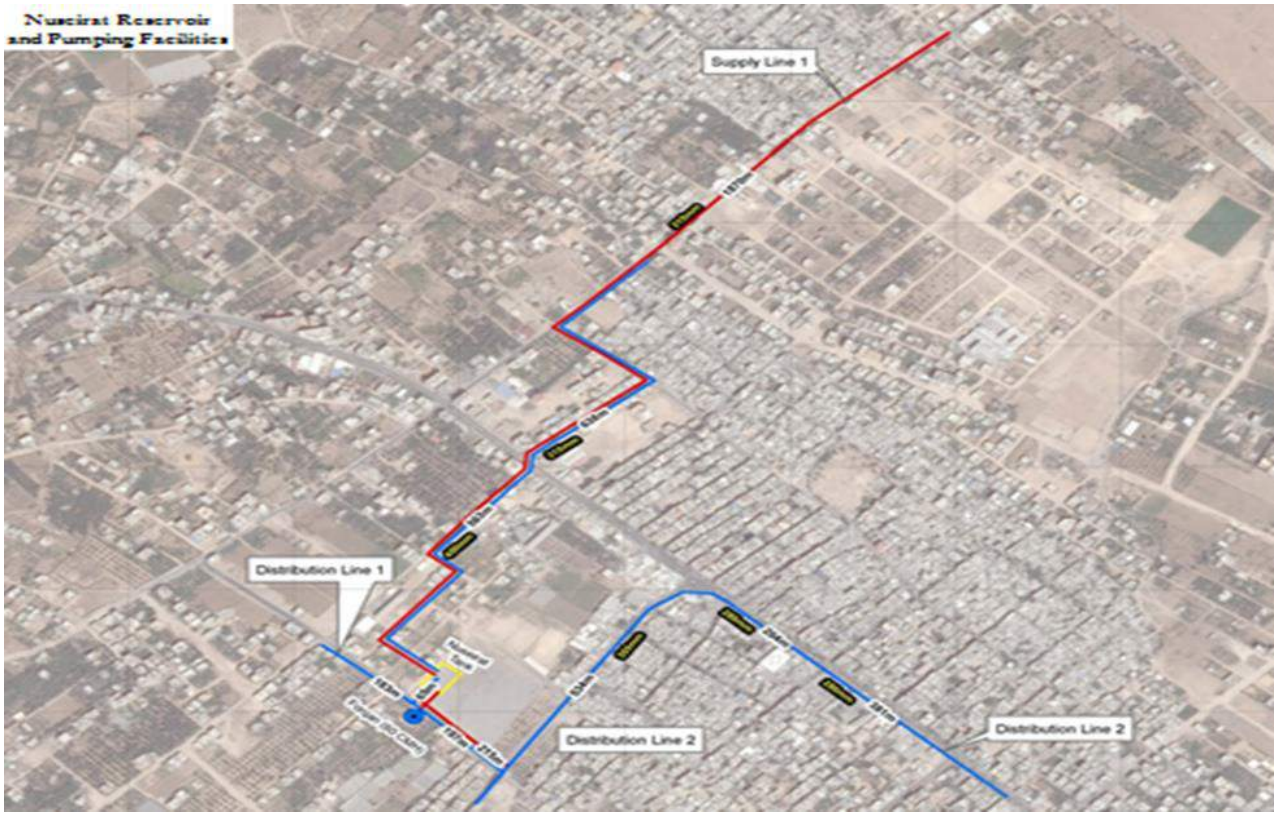
2.2. Project 2: Construction of Nuseirat Reservoir and Pumping Facilities

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
Modified Contract Value	-
Start Date of Construction Activity	January 21, 2016
Contractual Period of Performance:	610 Calendar Days
Modified Period of Performance	-
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 Map



Nuseirat Reservoir and Pumping Facilities

2.2.4. Project Description

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

2.2.5. Statement of Work (SOW)

A. Construction of Facilities

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

B. Construction of New Supply & Distribution Pipelines

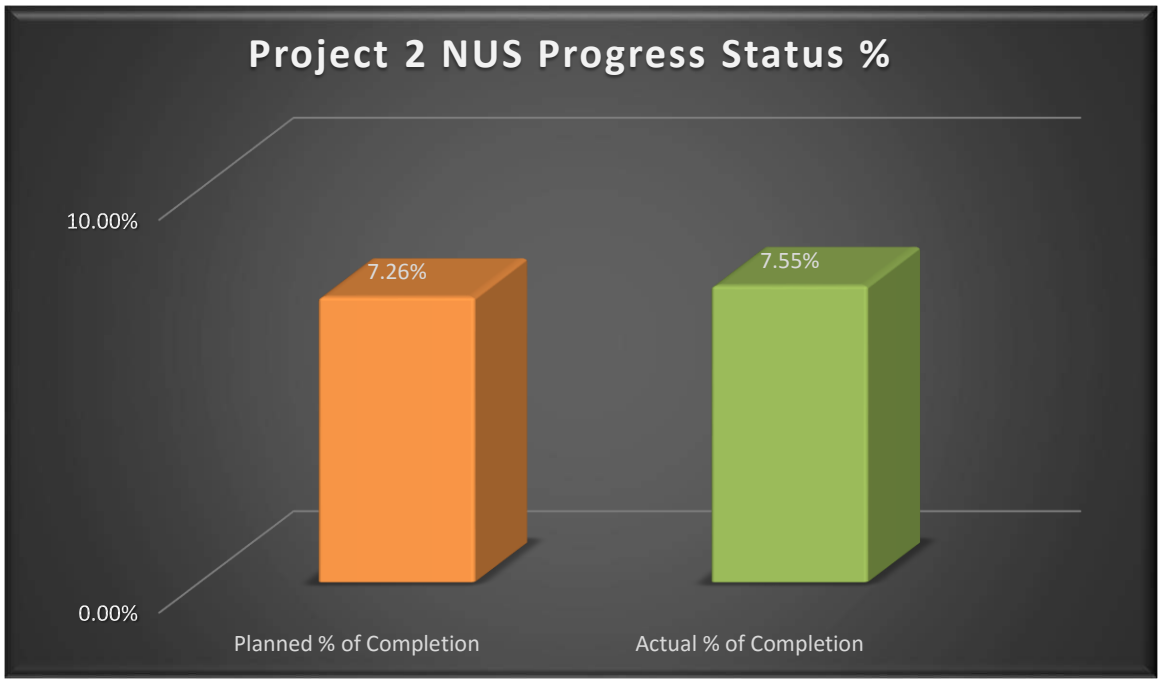
1. Supply Line 1 (315 mm x 1.92 km)
2. Supply Line 2 (280 mm x 0.28 km)
3. Supply Line 3 (110 mm x 0.13 km)
4. Distribution Line 1 (500 mm x 0.21 km)
5. Distribution Line 2 (500 mm x 0.12 km)
6. Distribution Line 3 (355 mm x 0.61 km and 280 mm x 0.70 km)
7. Distribution Line 4 (400 mm x 0.580 km and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

2.2.6. Project Dashboard Status

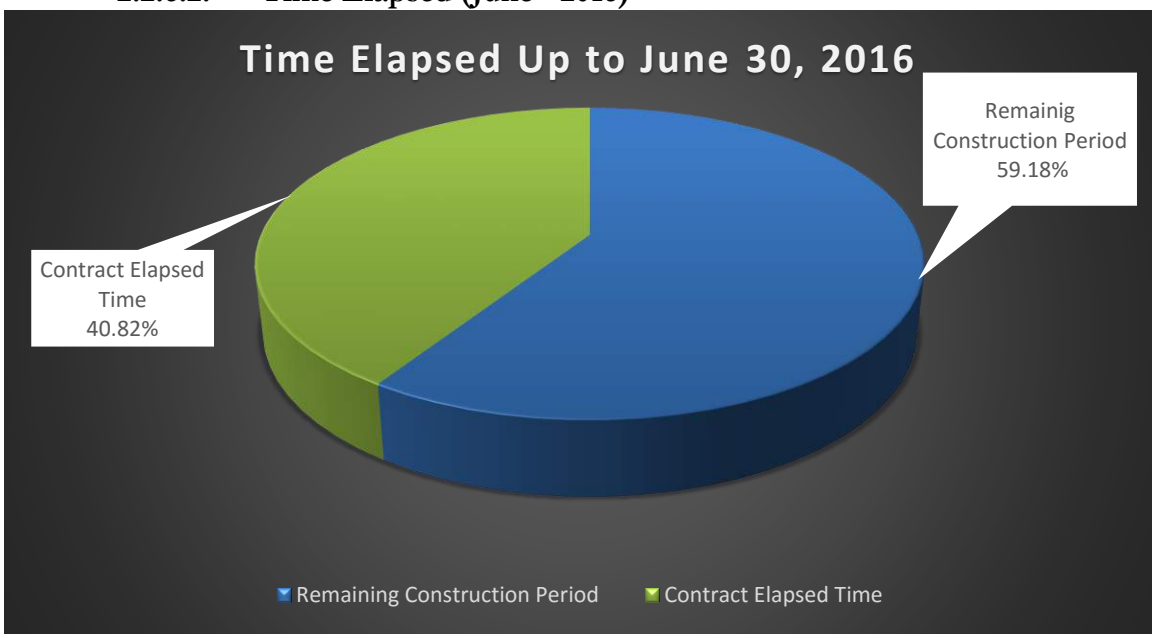
Contract Elapsed Time as of June 30, 2016 [%]	40.82 %
Planned Percentage of Completion through June 30, 2016 [%]	7.26 % *
Actual Percentage of Completion through June 30, 2016 [%]	7.55 %*
Float (Days)	-54

*Actual and planned percentages of work progress based on approved original CPM Schedule.

2.2.6.1. Progress Chart (June - 2016)



2.2.6.2. Time Elapsed (June - 2016)



3. Safety

Morganti submitted updated Safety Plan for CMC approval on May 18, 2016, and return to TMGI from CMC/B&V on June 2, 2016 with status A.
Moreover, kindly not that the Update of Safety Plan for the month of June 2016 will be included in the next reporting period (July 2016).

Night Shift Working Procedure for Al Atatrah project was prepared and submitted for CMC/B&V approval on June 08, 2016, and return to TMGI on June 13, 2016 with status A.

Moreover, Safe Summer Campaign took place on this month and this campaign includes distributing flayer, Safety Magazine, Safety Alert and conducting Safety Tool Box Meeting with heat stress, Safe Summer & Heat Stroke subjects.

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

3.1. Safety Toolbox Meetings

3.1.1. Project 1 (ATA)

One safety toolbox talk with subcontractor staff and labors were conducted as shown in below log:

Date of Meeting	Tool Box No.	Location	Description
June 05, 2016	TBM-15-00008-ATA-C-E-017	Al Atatrah Reservoir	The most important risks in the site

3.1.2. Project 2 (NUS)

None issued during this reporting period.

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

Morganti submitted updated Environmental Monitoring & Mitigation Plan (EMMP) for CMC approval on June 15, 2016, and return to TMGI from CMC/B&V on June 20, 2016 with status A.

TMGI will update the Environmental Monitoring and Mitigation Plan on monthly basis

4.1.1. Project 1 (ATA)

Environmental compliance checklist for the month of May 2016 was received on June 5, 2016 and submitted by TMGI to the CMC for review and approval on June 23, 2016 and return back with action C on June 26, 2016.

TMGI is working on closing CMC comments and remarks and it will be submitted during July 2016.

4.1.2. Project 2 (NUS)

Environmental compliance checklist for the month of May 2016 was received on June 5, 2016 and submitted by TMGI to the CMC for review and approval on June 23, 2016 and return back with action A on June 26, 2016.

5. Traffic Control Measures

TMGI implemented the approved traffic plan on reservoir site according to the approved submittals and shall be updated upon condition changes.

5.1.1. Project 1 (ATA)

None issued during this reporting period.

5.1.2. Project 2 (NUS)

None issued during this reporting period.

6. Risk Management & Mitigation Measures

TMGI will update the Risk Management Plan on monthly basis.

Since the procurement and resources are part of project risk concerns, the delay on GRAMMS approval will raise the risk rate to higher level which could cause delay on project completion date.

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

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

7. Community Outreach

7.1.1. Project 1 (ATA)

None issued during this reporting period.

7.1.2. Project 2 (NUS)

None issued during this reporting period.

8. Gender Action Plan

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

* No new employments during this month period.

9. Coordination and Meetings

Eight meetings were held during the month of June as below:

Coordination Meeting				
Date	**Attendees**	**Subject**	**Description**	**Location**
June 22, 2016	USAID, BV & TMGI	Progress Meeting No. 08	To Review Progress of Work, Discuss Project Issues and Provide Solutions where Required.	BV Main Office, Ramallah & GAZI AL-Atatrah Primary office
June 26, 2016	BV & TMGI	Coordination Meeting No. 018	To Discuss the Water Pumps and VORs	BV Main Office, Ramallah
June 29, 2016	USAID, BV & TMGI	Coordination Meeting No. 020	To Discuss the VORs	BV Main Office, Ramallah

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

10. Site Visitors

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

Date	Time	Representative	Representing	Remarks
Project 1 (ATA)				
June 01, 2016	10:30 AM	Jabir Al Kaseh	CMWU	
June 14, 2016	11:00 AM	Maryam Amro	USAID	
June 16, 2016	11:30 AM	Maryam Amro	USAID	
June 23, 2016	12:30 PM	Jabir Al Kaseh	CMWU	
June 30, 2016	10:50 AM	Maryam Amro	USAID	
Project 2 (NUS)				
June 01, 2016	12:20 PM	Hussein Barrak	CMWU	
June 16, 2016	10:30 AM	Maryam Amro	USAID	
June 30, 2016	11:35 AM	Maryam Amro	USAID	

11. Progress and Scheduling

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

11.1. Activities During This Reporting Period

11.1.1. Project 1 (ATA)

11.1.1.1. Preparation and submit the construction submittals (Material & Shop drawings)

11.1.1.2. Shuttering work, fixing of steel reinforcement and casting reinforced concrete for remaining RW walls (100% completed)
11.1.1.3. Repair and isolation works for RW.
11.1.1.4. Furnish and install filter fabric
11.1.1.5. Backfilling around the retaining walls from the internal side
11.1.1.6. Shuttering work, fixing of steel reinforcement and casting reinforced concrete for reservoir's walls up to 3.6m height.
11.1.1.7. Prepare procurement orders for construction requirements and ABC material
11.1.1.8. Coordination with the CMWU & PWA

11.1.2. Project 2 (NUS)

11.1.2.1. Preparation and submit the construction submittals (Material & Shop drawings)
11.1.2.2. Continue preparation and submit the construction submittals.
11.1.2.3. Excavation works, laying base course and casting lean concrete for RW at segment 6-1 step2 and segment 2-3 segment 1.
11.1.2.4. Formwork, forming steel rebar (cutting and bending) for RW foundation and walls at segment 6-1 step2 and segment 2-3 step 1
11.1.2.5. Repair and isolation works for retaining walls
11.1.2.6. Furnish and install filter fabric
11.1.2.7. Backfilling around the retaining walls from the external side
11.1.2.8. Furnish and laying approved backfilling material for soil improvement under reservoir foundation.
11.1.2.9. Excavation works for the disinfection building.
11.1.2.10. Procurement orders for construction requirements and ABC material.
11.1.2.11. Coordination with the CMWU & PWA.

11.2. Planned Activities for Next Month

11.2.1. Project 1 (ATA)

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

11.2.1.1. Continue preparation and submit the construction submittals.
11.2.1.2. Continue repair and isolation works for RW from external side
11.2.1.3. Start backfilling around the retaining walls from external side.
11.2.1.4. Continue shuttering work, fixing of steel reinforcement and casting reinforced concrete for reservoir's walls
11.2.1.5. Start shuttering work, fixing of steel reinforcement and casting reinforced concrete for reservoir's columns
11.2.1.6. Start preparation and compaction works for the formation levels of electrical control building and guard house building
11.2.1.7. Start shuttering works, fixing of steel reinforcement and casting reinforced concrete for electrical control building and guard house building.
11.2.1.8. Coordination with the CMWU & PWA.
11.2.1.9. Continue procurement orders for construction requirements and ABC material.

11.2.2. Project 2 (NUS)

11.2.2.1. Continue preparation and submit the construction submittals.
11.2.2.2. Continue excavation works, laying base course and casting lean concrete for RW at the remaining segments.
11.2.2.3. Continue formwork, forming steel rebar (cutting and bending) for remaining RW foundation and walls

11.2.2.4. Continue repair and isolation works for retaining walls
11.2.2.5. Continue furnish and install filter fabric
11.2.2.6. Continue backfilling around the retaining walls from internal side
11.2.2.7. Furnish and install subgrade piping (washout drain and perforated pipes)
11.2.2.8. Casting lean concrete under reservoir foundation
11.2.2.9. Start shuttering work, fixing of steel reinforcement and casting reinforced concrete for reservoir foundation
11.2.2.10. Start excavation, preparation and compaction works for the formation levels of electrical control building and guard house building
11.2.2.11. Start shuttering works, fixing of steel reinforcement and casting reinforced concrete for disinfection building, electrical control building and guard house building.
11.2.2.12. Coordination with the CMWU & PWA.
11.2.2.13. Continue procurement orders for mobilization requirements and ABC material.

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

12. Indicators

12.1. Project 1 (ATA)

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

Project 1: Al 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	3679.5	3508	171.5
Actual during this reporting period	805.0	779	26
Total actual	4484.5	4287	197.5

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	2373.8	2203.3	170.5
Actual during this reporting period	596.1	570.1	26
Total actual	2969.9	2773.4	196.5

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	**23**
6	Accumulated Working Days	**202.5**
7	Total No. of non-working days (Holidays and weekends) during this reporting Period	**4**
8	Accumulated non-working days (Holidays and weekends)	**35**
9	No. of other non-working days during this month	**3**
10	Accumulated other non-working days	**11.5**

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	**26**
6	Accumulated Working Days	**200**
7	Total No. of non-working days (Holidays and weekends) during this reporting Period	**4**
8	Accumulated non-working days (Holidays and weekends)	**35**
9	No. of other non-working days during this month	**0**
10	Accumulated other non-working days	**14**

14. Material & equipment delivered to site

14.1 Project 1 (ATA)

* Please refer to "**Annex A**" Material and Equipment delivered to the site.

14.2 Project 2 (NUS)

* Please refer to "**Annex A**" Material and Equipment delivered to the site.

15. Site Memos

15.1 Project 1 (ATA)

TMGI received 2 site memo from CMC/B&V, one for the third-party test reports for Al Atatrah project & the other one as a record of non-quality compliance.

15.2 Project 2 (NUS)

TMGI received 1 site memo from CMC/B&V, for the third-party test reports for Nuseirat project.

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

16. Inspection Requests

16.1. Project 1 (ATA)

During this reporting period, **67** inspection requests were issued.

16.2. Project 2 (NUS)

During this reporting period, 44 inspection requests were issued.

For more details, refer to Annex E.

17. Quality Control

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

TMGI will update the Quality Control Plan on monthly basis

18. Tests Results:

During this reporting period, 3 mutual tests for project 1 & project 2 were issued as shown on below table:

No.	Submittal Number	REV.	Project	Submittal Description	Submit Date	Response Date	Status
1	TEST-15-00008-GAZI-078-A	A	GAZI	28 Days Results for 35 MPa-Cylinder Trial Mix – Al Hadetha Company for Ready Mix Concrete	June 12, 2016	June 13, 2016	**A**
2	TEST-15-00008-GAZI-087-A	A	GAZI	Trial job mix test for concrete (30 MPa-Cylinder) conducted in Al Taawon batch plant (28-Days)	June 13, 2016	June 15, 2016	**A**
3	TEST-15-00008-GAZI-101-B	B	GAZI	Trial Mix for Ready Mix Concrete 28 MPa-Cylinder - Al Taawon Batch Plant	June 21, 2016	June 22, 2016	**A**

18.1. Project 1 (ATA)

During this reporting period, **22** tests were issued.

18.2. Project 2 (NUS)

During this reporting period, **48** tests were issued.

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

19. Submittals

Continue construction submittals.

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

20. Request for Information

During this reporting period, one mutual RFI was issued for using steel pipes above the ground level instead of DI pipes.

20.1. Project 1 (ATA)

During this reporting period, one RFI was issued for Al Atatrah project.

20.2. Project 2 (NUS)

During this reporting period, one RFI was issued for Nuseirat project.

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

21. Transmittals

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

Date	Contractor Trans. No.	Sender / Recipient	Subject
June 4, 2016	By Email	TMGI/USAID	TO 15 00008 GAZI: Vetting Request: Bahjat Mohammed Idris Company and his Partner Maher Sleem Habet.
June 8, 2016	By Email	USAID/TMGI	Please prepare accruals for this quarter
June 9, 2016	By Email	TMGI/USAID	
June 9, 2016	By Email	USAID/TMGI	Acting COR
June 21, 2016	By Email	TMGI/USAID	GAZ I/II: Material Status on GRAMM - Pending Approvals - Project # 1295
June 24, 2016	By Email	USAID/TMGI	
June 25, 2016	By Email	TMGI/USAID	
June 28, 2016	By Email	TMGI/USAID	
June 28, 2016	By Email	USAID/TMGI	
June 21, 2016	By Email	USAID/TMGI	Fwd: AID-294-TO-15-00008 + AID-294-TO-15-00008 - Designation of new Contracting Officer Representative
June 22, 2016	By Email	TMGI/USAID	RE: TO 15-00008/9 GAZI/II: Progress Meeting # 08_Agenda
June 22, 2016	By Email	TMGI/USAID	TO 15 00008 GAZI: Vetting Request: Mohsen Matar Diab Doqmosh
June 27, 2016	By Email	TMGI/USAID	FW: TO-15-00009-GAZII IR Log as of June 27, 2016 - Rejected Inspection Requests
June 28, 2016	By Email	TMGI/USAID	RE: GAZ A/II Project: Water Stop Leak Mastec
June 28, 2016	By Email	USAID/TMGI	Re: TO-15-00008-GAZI Construction Monthly Progress Report No. 07 May, 2016
June 28, 2016	By Email	TMGI/USAID	
June 30, 2016	By Email	USAID/TMGI	
June 30, 2016	By Email	TMGI/USAID	Re: TO-15-00008-GAZI Approved Construction Monthly Report No. 06 April, 2016
June 30, 2016	By Email	USAID/TMGI	Re: TO 15 00008/9 GAZI/II: Epoxy Material.

June 30, 2016	By Email	TMGI/USAID	
June 30, 2016	By Email	USAID/TMGI	

21.2. Transmittals from Contractor to Engineers

Contractors to Engineer	Description	Issued Date	Response Date
TRS. 00008.C-E-145	TEST - 7 Days Results for 35 MPa-Cylinder for Al Atatrah Reservoir foundation	June 01, 2016	June 07, 2016
TRS. 00008.C-E-146	RFI - Use steel pipes above the ground level instead of DI pipes	June 05, 2016	June 22, 2016
TRS. 00008.C-E-147	Submersible Grinder Pump with float	June 05, 2016	June 13, 2016
	PRV Chamber Shop Drawing (Mechanical)	June 05, 2016	June 6, 2016
	Emergency Shower-Disinfection Building	June 05, 2016	June 16, 2016
	LDPE Tube for Disinfection Building	June 05, 2016	June 13, 2016
	Disinfection Building Shop Drawing (Mechanical)	June 05, 2016	June 12, 2016
	Gate Valve Chamber Mechanical Shop Drawing	June 05, 2016	June 6, 2016
	Electrical & Control Room- Al Atatrah Electrical Shop Drawing.	June 05, 2016	June 19, 2016
	Premium Accuracy Pressure Transmitter	June 05, 2016	June 7, 2016
	Reservoir Scaffolding Calculation Sheet	June 05, 2016	June 6, 2016
	Bolts, Washers and Nuts for Chambers	June 05, 2016	June 6, 2016
	Disinfection Building Architectural & Structural Shop Drawings- Al Atatrah	June 05, 2016	June 13, 2016
	Disinfection Building Architectural & Structural Shop Drawings- Al Nuseirat	June 05, 2016	June 12, 2016
	Ball Valves DN50 & Smaller- Alternative	June 05, 2016	June 7, 2016
	Reservoir Roof Slab & Columns Formwork	June 05, 2016	June 7, 2016
	Electrical & Control Building Structural & Architectural Shop Drawing- Al Nuseirat	June 05, 2016	June 16, 2016
	Electrical & Control Building Structural & Architectural Shop Drawing- Al Atatrah	June 05, 2016	June 16, 2016
	Ultrasonic Level Transmitters	June 05, 2016	June 7, 2016
	Expansion Joint – Stenflex	June 05, 2016	June 7, 2016
	VOR - Excavation under Nuseirat Reservoir	June 05, 2016	June 7, 2016
TRS. 00008.C-E-148	TEST - Soil Classification/Verification Report for Soil Under Reservoir Location	June 06, 2016	June 21, 2016
	TEST - Backfilling Material – Calcareous Sands "Kurkar" (Nuseirat Reservoir Location)	June 06, 2016	June 08, 2016
TRS. 00008.C-E-149	Al Atatrah Pipe Line Shop Drawing	June 06, 2016	June 20, 2016
	TEST - Soil field density & Compaction test for subgrade under Nuseirat retaining wall – Segment 2-3 Step No.1 & Segment 6-1 Step No.2	June 06, 2016	June 07, 2016
TRS. 00008.C-E-150	Updated Construction Risk Management Program (CRMP) – May 2016	June 07, 2016	June 13, 2016
	Updated CPM Schedule Submittal May 31, 2016	June 07, 2016	June 19, 2016
TRS. 00008.C-E-151	VOR - Replace Pad-Mount Transformer by Pole Mount Transformer for Al Atatrah Project	June 07, 2016	June 08, 2016
	VOR - Replace Pad-Mount Transformer by Pole Mount Transformer for Nuseirat Project	June 07, 2016	June 08, 2016

TRS. 00008.C-E-152	TEST - Backfilling Material – Calcareous Sands "Kur-kar" (Nuseirat Reservoir Location)	June 08, 2016	June 08, 2016
TRS. 00008.C-E-153	TEST - Soil Field Density Test for the backfilling around Al Atatrah retaining wall – First Layer	June 08, 2016	June 21, 2016
	TEST - 28 Days Results for 21 MPa-Cylinder for En-casement for pipe Under- Al Atatrah Reservoir	June 08, 2016	June 08, 2016
	TEST - Soil Field Density Test for the backfilling around Al Atatrah retaining wall – 2nd Layer	June 08, 2016	June 21, 2016
TRS. 00008.C-E-154	Night shift Working – Al Atatrah Project	June 08, 2016	June 13, 2016
TRS. 00008.C-E-155	VOR - Use of coloured PVC conduits for embedded installations instead of rigid schedule 40 PVC conduits.	June 08, 2016	June 09, 2016
TRS. 00008.C-E-156	Guard House Architectural & Structural Shop Drawing – Al Atatrah	June 09, 2016	June 16, 2016
	Guard House Architectural & Structural Shop Drawing – Nuseirat	June 09, 2016	June 16, 2016
	VOR - Increase the Generator Capacity of Nuseirat Site to an upgraded Gen P500	June 09, 2016	June 14, 2016
TRS. 00008.C-E-157	Al Atatrah Reservoir's thimbles Shop Drawings (Mechanical)	June 09, 2016	June 13, 2016
TRS. 00008.C-E-158	TEST - 28 Days Results for 30 MPa-Cylinder for Re-taining Wall Foundations at Segment 4-5 Step 3 &4 & At Segment 5-6 Step 2,3 &4	June 12, 2016	June 13, 2016
	TEST - 28 Days Results for 30 MPa-Cylinder Trial Mix – Al Hadetha Company for Ready Mix Concrete	June 12, 2016	June 13, 2016
	TEST - 28 Days Results for 14 MPa-Cylinder for the lean concrete (blinding 100 mm) under Al Atatrah Res-ervoir	June 12, 2016	June 13, 2016
	TEST - 28 Days Results for 35 MPa-Cylinder Trial Mix – Al Hadetha Company for Ready Mix Concrete	June 12, 2016	June 13, 2016
	TEST - 7 Days Results for 30 MPa-Cylinder For R.W Walls at Segment 4-5 Step 5, Segment 5-6 Step 3 & at Segment 3-4 Step 2	June 12, 2016	June 14, 2016
	TEST - 7 Days Results for 30 MPa-Cylinder For R.W Walls at Segment 5-6 Step 1 & at Segment 4-5 Step 4	June 12, 2016	June 14, 2016
	TEST - 28 Days Results for 30 MPa-Cylinder for Re-taining Wall Foundations at Segment 2-3 Step 1 & at Segment 3-4 Step 2	June 12, 2016	June 22, 2016
TRS. 00008.C-E-159	TEST - 28 Days Results for 35MPa-Cylinder Trial Mix (Al Taawn Batch Plant)	June 13, 2016	June 21, 2016
	TEST - 28 Days results for 14 MPa-Cylinder for Lean Concrete (Blinding 100 mm) Under R.W Segment 5-6 Step 1&2, And Segment 6-1 Step 1	June 13, 2016	June 14, 2016
	TEST - 7 Days results for 30 MPa-Cylinder for R.W foundation at Segment 5-6 Step 1&2, And at Segment 6-1 Step 1	June 13, 2016	June 15, 2016
	TEST - 28 Days results for 30 MPa-Cylinder for R.W foundation at Segment 5-6 Step 1&2, And at Segment 6-1 Step 1	June 13, 2016	June 15, 2016
	TEST - Base Course Material Trial Test (No.5) Results – Nuseirat Stockpile. Source: Enbi Ha Negev Ha Ma'arbi Ltd Company	June 13, 2016	June 14, 2016
TRS. 00008.C-E-160	TEST - Trial job mix test for concrete (30 MPa-Cylin-der) conducted in Al Taawon batch plant (28-Days)	June 13, 2016	June 15, 2016

	TEST - 28 Days Results - Concrete 30 MPa Cylinder for Nuseirat RW Foundation at Segment 2-3 Step 2,3 & 4	June 13, 2016	June 15, 2016
	TEST - Soil field density & Compaction test for sub-grade under Nuseirat retaining wall – Segment 2-3 Step No.1 & Segment 6-1 Step No.2	June 13, 2016	June 15, 2016
	TEST - Soil field density for Base course under Nuseirat retaining wall – Segment 2-3 Step No.1 & Segment 6-1 Step No.2	June 13, 2016	June 15, 2016
	TEST - Soil Field Density Test for the backfilling around the internal side of Al Atatrah retaining wall at Segment 4-5 Step 3, And Segment 5-6 Step 1&2 – 3rd Layers	June 13, 2016	June 21, 2016
	TEST - 28 Days Results for RW blinding Concrete Segment 2-3 Step 2,3,4, Segment 3-4 Step 1,2,3 & Segment 4-5 Step 1	June 13, 2016	June 14, 2016
	TEST - Soil Field Density Test for the First Layer of Filling Materials Under Nuseirat Reservoir	June 13, 2016	June 20, 2016
	Galvanized Steel Roof Vent	June 13, 2016	Under Review
	Reservoir's Panel (LALL-211, LCP)-Electrical Shop Drawing	June 13, 2016	June 14, 2016
	Expansion Joint – Stenflex	June 13, 2016	June 16, 2016
TRS. 00008.C-E-161	TEST - 7 Days results for 30 MPa-Cylinder for R.W wall at Segment 4-5 Step No.2/1, And at Segment 6-5 Step 2/1	June 14, 2016	June 15, 2016
	TEST - 7 Days results for 30 MPa-Cylinder for R.W wall at Segment 4-5 Step No.1/1, And at Segment 6-5 Step 1/1 & Step 2, And Segment 2-3 Step 3	June 14, 2016	June 15, 2016
TRS. 00008.C-E-162	Nuseirat Pipe Line Shop Drawing – Part I	June 14, 2016	June 30, 2016
	Updated Construction Risk Management Program (CRMP) – June 2016	June 14, 2016	Retracted
	Updated Environmental Monitoring & Mitigation Plan (May, 2016)	June 14, 2016	June 20, 2016
TRS. 00008.C-E-163	VOR - Increase the Generator Capacity of Nuseirat Site to an upgraded Gen P500	June 15, 2016	June 18, 2016
	TEST - Subgrade layer under Nuseirat Reservoir	June 15, 2016	June 21, 2016
	TEST - Soil Field Density Test – for the Second Layer of Backfilling (Filling Materials) Under Nuseirat Reservoir	June 15, 2016	June 20, 2016
TRS. 00008.C-E-164	VFD SIEMENS -Alternative	June 15, 2016	June 30, 2016
	Lightning Protection System Electrical Shop Drawing	June 15, 2016	June 19, 2016
	Al Nuseirat Pipe Line Shop Drawing Part II	June 15, 2016	June 30, 2016
TRS. 00008.C-E-165	TEST - Soil Classification Report – Under Disinfection Building	June 16, 2016	June 28, 2016
	TEST - 7 Days results for 14 MPa-Cylinder for Lean Concrete (Blinding 100 mm) Under R.W Segment 2-3 Step 1, And Segment 6-1 Step 2	June 16, 2016	June 21, 2016
	TEST - Soil Field Density Test – for the Third Layer of Backfilling (Filling Materials) Under Nuseirat Reservoir	June 16, 2016	June 20, 2016
TRS. 00008.C-E-166	Pressure Reducing Valve-PRV	June 19, 2016	Under Review

	Electrical & Control Building Structural & Architectural Shop Drawing- Al Nuseirat	June 19, 2016	June 23, 2016
	Electrical & Control Building Structural & Architectural Shop Drawing- Al Atatrah	June 19, 2016	June 23, 2016
	Epoxy Bonding Agent	June 19, 2016	Under Review
	TEST - Trial Mix for Ready Mix Concrete 28 MPa-Cylinder - Al Taawon Batch Plant	June 19, 2016	June 21, 2016
	TEST - Soil Field Density Test – for the Fourth Layer of Backfilling (Filling Materials) Under Nuseirat Reservoir	June 19, 2016	June 20, 2016
	TEST - Soil Field Density Test – for the Fifth Layer of Backfilling (Filling Materials) Under Nuseirat Reservoir	June 19, 2016	June 22, 2016
	TEST - Soil field density & Compaction test for subgrade under Nuseirat retaining wall – Segment (2-3) Step No.1 & Segment (6-1) Step No.2	June 19, 2016	June 20, 2016
	TEST - 28 Days results for 30 MPa-Cylinder for Nuseirat R.W walls at Segment 3-4 Step No.2	June 19, 2016	June 21, 2016
	TEST - Soil Field Density for Subgrade Around External Side of Retaining Wall at Segment 2-3, Segment 3-4, Segment 4-5 & Segment 5-6	June 19, 2016	June 20, 2016
	TEST - Soil Field Density for the First Layer of Backfilling Around External Side of Retaining Wall at Segment 2-3, Segment 3-4, Segment 4-5 & Segment 5-6	June 19, 2016	June 21, 2016
TRS. 00008.C-E-167	TO 008-Progress Payment No.03	June 19, 2016	June 30, 2016
TRS. 00008.C-E-168	TEST - 7 Days Results for 30 MPa- Cylinder for R.W foundation at Segment 6-1 Step 2 & at Segment 2-3 Step 1.	June 21, 2016	June 21, 2016
	TEST - 7 Days Results for 35 MPa- Cylinder for the Eastern Quarter of Reservoir wall up to 3.6m height	June 21, 2016	June 21, 2016
TRS. 00008.C-E-169	VOR - Replace Pad-Mount Transformer by Pole Mount Transformer for Al Atatrah Project	June 21, 2016	June 23, 2016
	VOR - Replace Pad-Mount Transformer by Pole Mount Transformer for Nuseirat Project	June 21, 2016	June 23, 2016
TRS. 00008.C-E-170	TEST - Soil Classification/Verification Report for Soil Under Reservoir Location	June 21, 2016	June 22, 2016
	TEST - Subgrade layer under Nuseirat Reservoir	June 21, 2016	June 22, 2016
	TEST - Trial Mix for Ready Mix Concrete 28 MPa-Cylinder - Al Taawon Batch Plant	June 21, 2016	June 22, 2016
	TEST - Soil Field Density for the First Layer of Backfilling Around External Side of Retaining Wall at Segment 2-3, Segment 3-4, Segment 4-5 & Segment 5-6	June 21, 2016	June 22, 2016
	TEST - 28 Days Results for 35MPa-Cylinder Trial Mix (Al Taawn Batch Plant)	June 22, 2016	June 22, 2016
TRS. 00008.C-E-171	TEST - 7 Days results for 14 MPa-Cylinder for Lean Concrete (Blinding 100 mm) Under R.W Segment 2-3 Step 1, And Segment 6-1 Step 2	June 22, 2016	June 22, 2016
	TEST - 28 Days results for 30 MPa-Cylinder for Nuseirat R.W walls at Segment 3-4 Step No.2	June 22, 2016	June 22, 2016
TRS. 00008.C-E-172	VOR - Increase the Generator Capacity of Nuseirat Site to an upgraded Gen P500	June 22, 2016	Under Review
TRS. 00008.C-E-173	TEST - Steel Rebar's Test Reports for (Φ20 & Φ25) Report No. 160616/19	June 22, 2016	June 26, 2016
	TEST - Soil Field Density for Backfilling around the internal side of R.W at Segment 4-5 step 4 the 3rd &	June 22, 2016	June 28, 2016

	4th layers, segment 4-5 step 5 the 5th & 6th layers, segment 5-6 step 1 the 5th & 6th layers & at segment 5-6 step 2 the 2nd & 3rd layers		
	TEST - Soil Field Density Test – for the sixth Layer of Backfilling (Filling Materials) Under Nuseirat Reservoir	June 22, 2016	June 26, 2016
	TEST - Soil Field Density Test – for the Seventh Layer of Backfilling (Filling Materials) Under Nuseirat Reservoir	June 22, 2016	June 26, 2016
	TEST - Soil Field Density Test – for the Eighth Layer of Backfilling (Filling Materials) Under Nuseirat Reservoir	June 22, 2016	June 26, 2016
TRS. 00008.C-E-174	TEST - 28 Days Results for 35 MPa-Cylinder for Al Atatrah Reservoir foundation	June 22, 2016	June 27, 2016
TRS. 00008.C-E-175	TEST - Soil Field Density for Backfilling around the internal side of R.W at Segment 4-5 step 4 the 5th & 6th layers, Segment 4-5 Step 5 the 7th & 8th layers, Segment 5-6 Step 1 the 7th & 8th layers & at Segment 5-6 Step 2 the 4th & 5th layers	June 23, 2016	June 28, 2016
	TEST - Soil Field Density for Backfilling around the internal side of R.W at Segment 4-5 step 4 the 7th layer, Segment 4-5 Step 3 the 4th layer, Segment 4-5 Step 5 the 9th layer, Segment 5-6 Step 1 the 9th layer & at Segment 5-6 Step 2 the 6th layer.	June 23, 2016	June 27, 2016
	TEST - 28 Days results for 30 MPa-Cylinder for R.W wall at Segment 4-5 Step No.1/1, And at Segment 6-5 Step 1/1 & Step 2, And Segment 2-3 Step 3	June 23, 2016	June 27, 2016
	Operation and Maintenance Manuals for Equipment and System (Table of Content)	June 23, 2016	Under Review
	TEST - Backfilling Material – Calcareous Sands "Kurkar" (Nuseirat Reservoir Location) – Sample No.2	June 23, 2016	June 27, 2016
TRS. 00008.C-E-176	TEST - Soil Field Density for backfilling around internal side of R.W at: •Segment 4-5 step 4 8th & 9th Layers, •Segment 4-5 Step 3 5th & 6th Layers •Segment 4-5 Step 5 10th & 11th Layers •Segment 5-6 Step 1 10th & 11th Layers •Segment 5-6 Step 2 7th & 8th Layers •Segment 5-6 Step 3 the 1st Layer	June 26, 2016	June 27, 2016
	TEST - Soil Field Density for 2nd & 3rd layers of Backfilling soil (Sand) around the external side of R.W at Segment 3-4 & Segment 4-5	June 26, 2016	June 27, 2016
	TEST - Soil Field Density for the last layer of Backfilling soil (Sand) around the external side of R.W at Segment 3-4 & Segment 4-5	June 26, 2016	June 27, 2016
	TEST - Soil Field Density Test – for ninth and tenth Layers of Backfilling (Filling Materials) Under Nuseirat Reservoir	June 26, 2016	June 27, 2016
	TEST - Soil Field Density Test – for Eleventh & Twelfth Layers of Backfilling (Filling Materials) Under Nuseirat Reservoir	June 26, 2016	June 27, 2016
	TEST - 7 Days Results for 30 MPa-Cylinder for R.W walls at Segment 2-3 Step 2 & at Segment 6-1 Step 1	June 26, 2016	June 30, 2016
	TEST - 28 Days Results for 30 MPa-Cylinder For R.W Walls at Segment 4-5 Step 5, Segment 5-6 Step 3 & at Segment 3-4 Step 2	June 26, 2016	June 27, 2016

	TEST - 28 Days results for 30 MPa-Cylinder for R.W wall at Segment 4-5 Step No.2/1, And at Segment 6-5 Step 2/1	June 26, 2016	June 27, 2016
	TEST - Soil Field Density for Backfilling around the internal side of R.W at: Segment 3-4 Step 2 the 2nd & 3rd Layers, segment 4-5 step 3 the 2nd, 3rd & 4th layers, segment 4-5 step 4 the 2nd layer, segment 4-5 step No.5 the 3rd & 4th Layers, segment 5-6 Step 1 the 3rd & 4th layers & at segment 5-6 step 2 the 1st layer.	June 26, 2016	June 28, 2016
	Control & Signal Cable	June 26, 2016	June 30, 2016
	Al Atatrah - Reservoir 3800m3 – Shop Drawings (Mechanical)	June 26, 2016	Under Review
TRS. 00008.C-E-177	Float Level Control Valves	June 26, 2016	Under Review
	Emergency Shower-Disinfection Building	June 26, 2016	June 28, 2016
	Emergency Shower-Disinfection Building Alternative Product	June 26, 2016	June 28, 2016
	Nuseirat Vertical Booster Pump (American –Marsh Pumps)	June 26, 2016	Under Review
	Al Atatrah Vertical Booster Pump (American –Marsh Pumps)	June 26, 2016	Under Review
	Grinder Pump- Al Atatrah	June 26, 2016	June 28, 2016
	Concrete Job Mix Design Class D1 (21 MPa)	June 26, 2016	Under Review
	PP-R Pipe for Disinfection Building	June 26, 2016	Under Review
	Nuseirat Reservoir's thimbles Shop Drawings (Mechanical)	June 26, 2016	Under Review
	Precast Manhole 1.50×1.50 m - Shop Drawing	June 26, 2016	Under Review
TRS. 00008.C-E-178	RFI - Exterior gate at Al Atatrah project	June 27, 2016	Under Review
	RFI - Exterior gate at Nuseirat project	June 27, 2016	Under Review
	Method Statement for Internal Epoxy Coating for Steel Pipes Inside Chambers	June 27, 2016	Under Review
	Method Statement for Repairing Pipes Cement Mortar	June 27, 2016	Under Review
	Harness Mechanical Coupling for Pump Discharge	June 27, 2016	Under Review
	Heat Shrinkable Sleeves & Tapes for Pipes	June 27, 2016	Under Review
TRS. 00008.C-E-179	TEST - 28 Days Results for 35 MPa-Cylinder for Al Atatrah Reservoir foundation	June 28, 2016	June 30, 2016
	TEST - Soil Field Density for Backfilling around the internal side of R.W at: Segment 2-3 step 1 the 1st layer, segment 3-4 step 2 the 1st layer, segment 4-5 step 3 the 1st layer, segment 4-5 step 4 the 1st layer, segment 4-5 step 5 the 1st & 2nd layers & at segment 5-6 step 1 the 1st & 2nd layers.	June 28, 2016	June 30, 2016
	TEST - Soil Field Density for Backfilling around the internal side of R.W at: Segment 4-5 Step 3 the 8th & 9th layers, Segment 4-5 Step 4 the 11th & 12th layers, Segment 4-5 Step 5 the 13th & 14th layers, Segment 5-6 Step 1 the 13th & 14th layers, Segment 5-6 Step 2 the 10th & 11th layers & at Segment 5-6 Step 3 the 2nd & 3rd layers.	June 28, 2016	June 30, 2016
	TEST - Backfilling Materials (Sand) – Nuseirat	June 28, 2016	Under Review
	TEST - 7 Days Results for 30 MPa-Cylinder for R.W walls at Segment 2-3 Step 1 & at Segment 6-1 Step 2	June 28, 2016	June 30, 2016
TRS. 00008.C-E-180	Ultrasonic Level Transmitters	June 29, 2016	Under Review

TRS. 00008.C-E-181	Electromagnetic Flow Meter -Alternative	June 29, 2016	Under Review
	Reservoir Spools Formwork Shop Drawing & Calculation Sheets	June 29, 2016	Under Review

21.3. Transmittals from Engineers to Contractor

Engineers to Contractor	Description	Submitting Date
TRS-15-00008-E-C-136	VOR - Replace Pad-Mout Transformer by Pole Mout Transformer for Al Atatrah Project	June 02, 2016
	VOR - Replace Pad-Mout Transformer by Pole Mout Transformer for Nuseirat Project	June 02, 2016
	Electrical & Control Room- Al Atatrah Electrical Shop Drawing	June 02, 2016
	Electromagnetic Flow Meter Alternative	June 02, 2016
	Updated Safety Plan -April 2016	June 02, 2016
	Sealant for Expansion Joint for Reservoir & Retaining Wall (Alternative)	June 02, 2016
TRS-15-00008-E-C-137	Daily Joint Report from May 19, 2016 to May 24, 2016	June 05, 2016
TRS-15-00008-E-C-138	ECL - Environmental Checklist for Al Atatrah May 2016	June 05, 2016
	ECL - Environmental Checklist for Nuseirat May 2016	June 05, 2016
	Al- Nuseirat Pipeline Shop Drawing Part III	June 05, 2016
	Concrete Job Mix Design Class D1 (21 MPa)	June 05, 2016
TRS-15-00008-E-C-139	PRV Chamber Shop Drawing (Mechanical)	June 06, 2016
	Gate Valve Chamber Mechanical Shop Drawing	June 06, 2016
	Reservoir Scaffolding Calculation Sheet	June 06, 2016
	Bolts, Washers and Nuts for Chambers	June 06, 2016
TRS-15-00008-E-C-140	TEST - Soil Field Density & Compaction Test for Subgrade Under Nuseirat Retaining Wall Segment 2-3 Step No.1& Segment 6-1 Step No.2.	June 07, 2016
	Al-Atatrah Retaining Wall & Fence Grounding System Electrical Shop Drawing	June 07, 2016
TRS-15-00008-E-C-141	Reservoir Roof Slab & Columns Formwork	June 07, 2016
	VOR - Use of Colored PVC Conduits for Embedded Installations Instead of Rigid Schedule 40 PVC Conduits	June 07, 2016
	VOR - Excavation Under Nuseirat Reservoir	June 07, 2016
TRS-15-00008-E-C-142	Pressure Reducing Valve - PRV	June 07, 2016
	PLC System- Electrical	June 07, 2016
	Premium Accuracy Pressure Transmitter	June 07, 2016
	Ball Valves DN50 & Smaller - Alternative	June 07, 2016
	Ultrasonic Level Transmitter	June 07, 2016
	Expansion Joint -Stenflex	June 07, 2016
	TEST - 7 Days Results for 35 MPa-Cylinder for Al Atatrah Reservoir Foundation	June 07, 2016
TRS-15-00008-E-C-143	Guard House Architectural & Structural Shop Drawing – Al Atatrah	June 07, 2016
	Guard House Architectural & Structural Shop Drawing – Nuseirat	June 07, 2016
TRS-15-00008-E-C-144	TEST - Backfilling Material - Calcareous Sands "Kurkar" (Nuseirat Reservoir Location)	June 08, 2016
	Al Atatrah Reservoir's Thimbles Shop Drawings (Mechanical)	June 08, 2016
TRS-15-00008-E-C-145	VOR - Replace Pad-Mout Transformer by Pole Mout Transformer for Al Atatrah Project	June 08, 2016
	VOR - Replace Pad-Mout Transformer by Pole Mout Transformer for Nuseirat Project	June 08, 2016
TRS-15-00008-E-C-146	TEST - Backfilling Material - Calcareous Sands "Kurkar" (Nuseirat Reservoir Location)	June 08, 2016

	TEST - 28 Days Results for 21 MPa-Cylinder for Encasement Pipe under Al Atatrah Reservoir	June 08, 2016
TRS-15-00008-E-C-147	VOR - Use of Colored PVC Conduits for Embedded Installations Instead of Rigid Schedule 40 PVC Conduits	June 09, 2016
TRS-15-00008-E-C-148	RFI - Coordinate VFDs with the Generator Set	June 09, 2016
TRS-15-00008-E-C-149	Disinfection Building Shop Drawing (Mechanical)	June 12, 2016
	Disinfection Building Architectural & Structural Shop Drawings- Al Nuseirat	June 12, 2016
TRS-15-00008-E-C-150	Submersible Grinder Pump with Float	June 13, 2016
	LDPE Tube for Disinfection Building.	June 13, 2016
	Al Atatrah Reservoir's Thimbles Shop Drawings (Mechanical)	June 13, 2016
	Night Shift Working -Al Atatrah Project	June 13, 2016
TRS-15-00008-E-C-151	Disinfection Building Architectural & Structural Shop Drawings- Al Atatrah	June 13, 2016
	Update Construction Risk Management Program (CRMP) - May 2016	June 13, 2016
	TEST - 28 Days Results for 30 MPa-Cylinder for Retaining Wall Foundations at Segment 4-5 Step 3 &4 & At Segment 5-6 Step 2,3 &4	June 13, 2016
	TEST - 28 Days Results for 30 MPa-Cylinder Trial Mix – Al Hadetha Company for Ready Mix Concrete	June 13, 2016
	TEST - 28 Days Results for 14 MPa-Cylinder for the Lean Concrete (Blinding 100 mm) under Al Atatrah Reservoir	June 13, 2016
	TEST - 28 Days Results for 35 MPa-Cylinder Trial Mix – Al Hadetha Company for Ready Mix Concrete	June 13, 2016
TRS-15-00008-E-C-152	VOR - Increase the Generator Capacity of Nuseirat Site to an Upgraded Gen P500	June 14, 2016
TRS-15-00008-E-C-153	TEST - 7 Days Results for 30 MPa-Cylinder for R.W Walls at Segment 4-5 Step 5, Segment 5-6 Step 3 & at Segment 3-4 Step 2	June 14, 2016
	TEST - 7 Days Results for 30 MPa-Cylinder for R.W Walls at Segment 5-6 Step 1 & at Segment 4-5 Step 4	June 14, 2016
	TEST - 28 Days Results for 14 MPa-Cylinder for Lean Concrete (Blinding 100 mm) under R.W Segment 5-6 Step 1&2, And Segment 6-1 Step 1	June 14, 2016
	TEST - Base Course Material Trial Test (No.5) Results – Nuseirat Stockpile. Source: Enbi Ha Negev Ha Ma'arbi Ltd Company	June 14, 2016
	TEST - 28 Days Results for RW Blinding Concrete Segment 2-3 Step 2,3,4, Segment 3-4 Step 1,2,3 & Segment 4-5 Step 1	June 14, 2016
	Reservoirs Panel (LALL-211, LCP)-Electrical Shop Drawing	June 14, 2016
TRS-15-00008-E-C-154	TEST - 7 Days Results for 30 MPa-Cylinder for R.W Foundation at Segment 5-6 Step 1& 2, and at Segment 6-1 Step 1	June 15, 2016
	TEST - 28 Days Results for 30 MPa-Cylinder for R.W Foundation at Segment 5-6 Step 1&2, And at Segment 6-1 Step 1	June 15, 2016
	TEST - 28 Days Results - Concrete 30 MPa Cylinder for Nuseirat RW Foundation at Segment 2-3 Step 2,3 & 4	June 15, 2016
	TEST - Soil Field Density & Compaction Test for Subgrade under Nuseirat Retaining Wall – Segment 2-3 Step No.1 & Segment 6-1 Step No.2	June 15, 2016
	TEST - Soil Field Density for Base Course under Nuseirat Retaining Wall – Segment 2-3 Step No.1 & Segment 6-1 Step No.2	June 15, 2016
	TEST - 7 Days Results for 30 MPa-Cylinder for R.W Walls at Segment 4-5 Step No.2/1, and at Segment 6-5 Step 2/1	June 15, 2016

	TEST - 7 Days Results for 30 MPa-Cylinder for R.W Walls at Segment 4-5 Step No.1/1, and at Segment 6-5 Step 1/1 & Step2, and Segment 2-3 Step 3	June 15, 2016
TRS-15-00008-E-C-155	TEST - Trial Job Mix Test for Concrete (30 MPa-Cylinder) Conducted in Al Taawon Batch Plant (28-Days)	June 15, 2016
TRS-15-00008-E-C-156	Emergency Shower-Disinfection Building	June 16, 2016
	Guard House Architectural & Structural Shop Drawing – Al Atatrah	June 16, 2016
	Guard House Architectural & Structural Shop Drawing – Nuseirat	June 16, 2016
	Electrical & Control Building Structural & Architectural Shop Drawing - Al Nuseirat	June 16, 2016
	Electrical & Control Building Structural & Architectural Shop Drawing - Al Atatrah	June 16, 2016
	Expansion Joint -Stenflex	June 16, 2016
TRS-15-00008-E-C-157	Galvanized Steel Roof Vent	June 16, 2016
TRS-15-00008-E-C-158	VOR - Increase the Generator Capacity of Nuseirat Site to an Upgraded Gen P500	June 18, 2016
TRS-15-00008-E-C-159	Electrical & Control Room- Al Atatrah Electrical Shop Drawing	June 19, 2016
	Updated CPM Schedule Submittal May 31, 2016	June 19, 2016
TRS-15-00008-E-C-160	Lightning Protection System Components Electrical Shop Drawing	June 19, 2016
TRS-15-00008-E-C-161	Daily Joint Report from June 01, 2016 to June 15, 2016	June 20, 2016
TRS-15-00008-E-C-162	TEST - Soil Field Density Test for the First Layer of Filling Materials under Nuseirat Reservoir	June 20, 2016
	TEST - Soil Field Density Test — for the Second Layer of Backfilling (Filling Materials) under Nuseirat Reservoir	June 20, 2016
	TEST - Soil Field Density Test — for the Third Layer of Backfilling (Filling Materials) under Nuseirat Reservoir	June 20, 2016
	TEST - Soil Field Density Test – For the Fourth Layer of Backfilling (Filling Materials) under Nuseirat Reservoir	June 20, 2016
	TEST - Soil Field Density & Compaction Test for Subgrade under Nuseirat Retaining Wall - Segment (2-3) Step No.1 & Segment (6-1) Step No.2	June 20, 2016
	TEST - Soil Field Density for Subgrade around External Side of Retaining Wall at- Segment 2-3, Segment 3-4, Segment 4-5 & Segment 5-6	June 20, 2016
	Al Atatrah Pipe Line Shop Drawing	June 20, 2016
	Updated Environmental Monitoring & Mitigation (Plan May, 2016)	June 20, 2016
TRS-15-00008-E-C-163	TEST - Soil Classification/Verification Report for Soil under Reservoir Location	June 21, 2016
	TEST - Soil Field Density Test for the Backfilling around Al Atatrah Retaining Wall - Subgrade	June 21, 2016
	TEST - Soil Field Density Test for the Backfilling around Al Atatrah Retaining Wall - First & Second Layer	June 21, 2016
	TEST - 28 Days Results for 35MPa-Cylinder Trial Mix (Al Taawn Batch Plant)	June 21, 2016
	TEST - Soil Field Density Test for the Backfilling around the Internal Side of Al Atatrah Retaining Wall at Segment 4-5 Step 3, And Segment 5-6 Step 1&2 – 3rd Layers	June 21, 2016
	TEST - Subgrade Layer under Nuseirat Reservoir	June 21, 2016
	TEST - 7 Days Results for 14 MPa-Cylinder for Lean Concrete (Blinding 100 mm) under R.W Segment 2-3 Step 1, and Segment 6 - 1 Step 2	June 21, 2016
	TEST - Trial Mix for Ready Mix Concrete 28 MPa-Cylinder - Al Taawon Batch Plant	June 21, 2016

	TEST - 28 Days Results for 30 MPa-Cylinder for Nuseirat R.W Walls at Segment 3-4 Step No.2	June 21, 2016
TRS-15-00008-E-C-164	RFI - Use Steel Pipes Above the Ground Level Instead of DI Pipes	June 22, 2016
TRS-15-00008-E-C-165	TEST - Soil Classification/Verification Report for Soil under Reservoir Location	June 22, 2016
	TEST - 28 Days Results for 30 MPa-Cylinder for Retaining Wall Foundations at Segment 2-3 Step 1 & at Segment 3-4 Step 2	June 22, 2016
	TEST - 28 Days Results for 35MPa-Cylinder Trial Mix (Al Taawn Batch Plant)	June 22, 2016
	TEST - Subgrade Layer under Nuseirat Reservoir	June 22, 2016
	TEST - 7 Days Results for 14 MPa-Cylinder for Lean Concrete (Blinding 100 mm) under R.W Segment 2-3 Step 1, and Segment 6 - 1 Step 2	June 22, 2016
	TEST - Trial Mix for Ready Mix Concrete 28 MPa-Cylinder - Al Taawon Batch Plant	June 22, 2016
	TEST - Soil Field Density Test – for the Fifth Layer of Backfilling (Filling Materials) under Nuseirat Reservoir	June 22, 2016
	TEST - 28 Days Results for 30 MPa-Cylinder for Nuseirat R.W Walls at Segment 3-4 Step No.2	June 22, 2016
	TEST - Soil Field Density Test – for the First Layer around External Side of Retaining Wall at- Segment 2-3, Segment 3-4, Segment 4-5 & Segment 5-6	June 22, 2016
TRS-15-00008-E-C-166	VOR - Replace Pad-Mout Transformer by Pole Mount Transformer for Al Atatrah Project	June 23, 2016
	VOR - Replace Pad-Mout Transformer by Pole Mount Transformer for Nuseirat Project	June 23, 2016
TRS-15-00008-E-C-167	Electrical & Control Building Structural & Architectural Shop Drawing - Al Nuseirat	June 23, 2016
	Electrical & Control Building Structural & Architectural Shop Drawing - Al Atatrah	June 23, 2016
TRS-15-00008-E-C-168	TEST - Steel Rebar's Test Reports for (Φ20 & Φ25) Report No. 160616/19	June 26, 2016
	TEST - Soil Field Density Test - for the sixth Layer of Backfilling (Filling Materials) under Nuseirat Reservoir	June 26, 2016
	TEST - Soil Field Density Test - for the Seventh Layer of Backfilling (Filling Materials) under Nuseirat Reservoir	June 26, 2016
	TEST - Soil Field Density Test - for the Eighth Layer of Backfilling (Filling Materials) under Nuseirat Reservoir	June 26, 2016
TRS-15-00008-E-C-169	TEST - 28 Days Results for 35 MPa-Cylinder for Al Atatrah Reservoir Foundation	June 27, 2016
	TEST - Soil Field Density for Backfilling around the Internal Side of R.W at Segment 4-5 Step 4 the 7thLayer, Segment 4-5 Step 3 the 4thLayer, Segment 4-5 Step 5 the 9thLayer, Segment 5-6 Step 1 the 9thLayer & at Segment 5-6 Step 2 the 6thLayer.	June 27, 2016
	TEST - 28 Days Results for 30 MPa-Cylinder for R.W Wall at Segment 4-5 Step No.1/1, and at Segment 6-5 Step 1/1 & Step 2, and Segment 2-3 Step 3	June 27, 2016
	TEST - Backfilling Material - Calcareous Sands "Kurkar" (Nuseirat Reservoir Location) - Sample No.2	June 27, 2016
	TEST - Soil Field Density for Backfilling around Internal Side of R.W at: •Segment 4-5 Step 4 8th& 9thLayers, •Segment 4-5 Step 3 5th& 6thLayers •Segment 4-5 Step 5 10th & 11th Layers	June 27, 2016

	•Segment 5-6 Step 1 10th & 11th Layers •Segment 5-6 Step 2 7th& 8th Layers •Segment 5-6 Step 3 the 1st Layer	
	TEST - Soil Field Density for 2nd & 3rd Layers of Backfilling Soil (Sand) around the External Side of R.W at Segment 3-4 & Segment 4-5	June 27, 2016
	TEST - Soil Field Density for the Last Layer of Backfilling Soil (Sand) around the External Side of R.W at Segment 3-4 & Segment 4-5	June 27, 2016
	TEST - Soil Field Density Test – for Ninth and Tenth Layers of Backfilling (Filling Materials) under Nuseirat Reservoir	June 27, 2016
	TEST - Soil Field Density Test – for Eleventh & Twelfth Layers of Backfilling (Filling Materials) under Nuseirat Reservoir	June 27, 2016
	TEST - 28 Days Results for 30 MPa-Cylinder for R.W Walls at Segment 4-5 Step 5, Segment 5-6 Step 3 & at Segment 3-4 Step 2	June 27, 2016
	TEST - 28 Days Results for 30 MPa-Cylinder for R.W Wall at Segment 4-5 Step No.2/1, and at Segment 6-5 Step 2/1	June 27, 2016
TRS-15-00008-E-C-170	TEST - Soil Field Density for Backfilling around the internal side of R.W at Segment 4-5 step 5 the 6th layer, Segment 4-5 Step 4 the 4th layer, Segment 5-6 Step 1 the 6th layer & at Segment 5-6 Step 2 the 3rd layer	June 28, 2016
	TEST - Soil Field Density for Backfilling around the internal side of R.W at Segment 4-5 step 4 the 6th layer, Segment 4-5 Step 5 the 8th layer, Segment 5-6 Step 1 the 8th layer & at Segment 5-6 Step 2 the 5th layer	June 28, 2016
	TEST - Soil Field Density for the 3rd layer of backfilling around R.W at: Segment 3-4 Step No.2, segment 4-5 step 3, segment 4-5 step 5 & for the 2nd layer of backfilling around R.W at: segment 4-5 step No.4	June 28, 2016
	Emergency Shower-Disinfection Building	June 28, 2016
	Emergency Shower-Disinfection Building Alternative Product.	June 28, 2016
	Grinder Pumps – Al Atatrah	June 28, 2016
TRS-15-00008-E-C-171	TEST - Soil Classification Report – under Disinfection Building	June 28, 2016
TRS-15-00008-E-C-172	Daily Joint Report from June 16, 2016 to June 26, 2016	June 29, 2016
TRS-15-00008-E-C-173	TEST - 28 Days Results for 35 MPa-Cylinder for Al Atatrah Reservoir Foundation	June 30, 2016
	TEST - 7 Days Results for 30 MPa-Cylinder for R.W Walls at Segment 2-3 Step 2 & at Segment 6-1 Step 1	June 30, 2016
	TEST - Soil Field Density for Backfilling around the Internal Side of R.W at: Segment 2-3 Step 1 the 1st Layer, Segment 3-4 Step 2 the 1st Layer, Segment 4-5 Step 3 the 1st Layer, Segment 4-5 Step 4 the 1st Layer, Segment 4-5 Step 5 the 1st & 2nd Layers & at Segment 5-6 Step 1 the 1st & 2nd Layers	June 30, 2016
	TEST - Soil Field Density for Backfilling around the Internal side of R.W at: Segment 4-5 Step 3 the 8th& 9thLayers, Segment 4-5 Step 4 the 11th& 12thLayers, Segment 4-5 Step 5 the 13th& 14th Layers, Segment 5-6 Step 1 the 13th& 14thLayers, Segment 5-6 Step 2 the 10th& 11thLayers & at Segment 5-6 Step 3 the 2nd & 3rd Layers	June 30, 2016
	TEST - 7 Days Results for 30 MPa -Cylinder for R.W Walls at Segment 2-3 Step 1 & at Segment 6-1 Step 2	June 30, 2016
	Control & Signal Cable	June 30, 2016
	Nuseirat Pipe Line Shop Drawing – Part I	June 30, 2016
	Nuseirat Pipe Line Shop Drawing – Part II	June 30, 2016

22. Task Order General Statistics

NO.	Description	This Month	Cumulative
1	**Preconstruction Submittals**	**1**	**67**
2	**Material Submittals**	**31**	**334**
3	**Shop drawings Submittals**		
3.1	Mutual for ATA & NUS (GAZI)	**7**	**39**
3.2	Project 1 ATA	**8**	**43**
3.3	Project 2 NUS	**7**	**42**
4	**Inspection Request (IR)**		
4.1	**Project 1 ATA**	**67**	**130**
4.2	**Project 2 NUS**	**44**	**84**
5	**Request for Information (RFI)**		
5.1	Mutual for ATA & NUS (GAZI)	**1**	**15**
5.2	Project 1 ATA	**1**	**3**
5.3	Project 2 NUS	**1**	**6**

23. Payments

One payment was issued during this reporting period

Invoice No.	Project	Submitted date	Date Received by BV	Amount $	Retention Amount	Amount Received	Received Date
PAY-15-00008-GAZI-001	ATA	January 18, 2016	January 21, 2016	263,471.99	-	263,471.99	February 9, 2016
	NUS	January 18, 2016	January 21, 2016	270,776.85	-	270,776.85	February 9, 2016
	GAZ I (Total)	January 18, 2016	January 21, 2016	534,248.84	-	534,248.84	February 9, 2016
PAY-15-00008-GAZI-002	ATA	May 29, 2016	May 31, 2016	288,625.54	-	288,625.54	June 16, 2016
	NUS	May 29, 2016	May 31, 2016	54,907.57	-	54,907.57	June 16, 2016
	GAZ I (Total)	May 29, 2016	May 31, 2016	343,533.11	-	343,533.11	June 16, 2016

PAY-15-00008-GAZI-003	ATA	June 19, 2016	June 21, 2016	61,941.06	-	61,941.06	June 30, 2016
	NUS	June 19, 2016	June 21, 2016	24,329.93	-	24,329.93	June 30, 2016
	GAZ I (Total)	June 19, 2016	June 21, 2016	86,270.99	-	86,270.99	June 30, 2016

24. Variation Orders

None issued during this reporting period.

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

25. Variation Order Requests

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

VOR-15-00008-GAZI-003-B	Use of coloured PVC conduits for embedded installations instead of rigid schedule 40 PVC conduits	003-B	Zero Cost	Zero time Extension
VOR-15-00008-GAZI-003-C	Use of coloured PVC conduits for embedded installations instead of rigid schedule 40 PVC conduits	003-C	Saving (1,380.00) $	Zero time Extension
VOR-15-00008-GAZI-004-A	GFCI (Ground Fault Circuit Interrupter) Receptacles	004-A	Zero Cost	Zero time Extension
VOR-15-00008-GAZI-005-A	The use of PE pipe PN12.5 instead of PVC-U pipe PN16 for Reservoir Drain Pipe	005-A	Zero Cost	Zero time Extension
VOR-15-00008-GAZI-005-B	The use of HDPE pipe PN12.5 instead of PVC-U pipe PN16 for Reservoir Drain Pipe	005-B	Zero Cost	Zero time Extension
VOR-15-00008-GAZI-005-C	The use of HDPE pipe PN12.5 instead of PVC-U pipe PN16 for Reservoir Drain Pipe	005-C	Zero Cost	Zero time Extension
VOR-15-00008-GAZI-006-A	Impact of Walkthrough for Al Atatrah Supply and Distribution Pipelines	006-A	32,587.5 $	Zero time Extension
VOR-15-00008-GAZI-006-B	Impact of Walkthrough for Al Atatrah Supply and Distribution Pipelines	006-B	31337.5 $	Zero time Extension
VOR-15-00008-GAZI-007-A	Impact of Walkthrough for Nuseirat Supply and Distribution Pipelines	007-A	127,175.00 $	Zero time Extension
VOR-15-00008-GAZI-007-B	Impact of Walkthrough for Nuseirat Supply and Distribution Pipelines	007-B	105,300.00 $	Zero time Extension
VOR-15-00008-GAZI-008-A	Request of Time Extension to Compensate Excusable Delays	008-A	11382.93	13 Days
VOR-15-00008-GAZI-009-A	The use of Gaza available sand materials and the calcareous sand material as filling material (Kurkar) under structures.	009-A	Zero Cost	Zero time Extension
VOR-15-00008-GAZI-010-A	Replace Pad-Mount Transformer by Pole Mount Transformer for Al Atatrah Project	010-A	94,784.00 $	21 Days
VOR-15-00008-GAZI-010-B	Replace Pad-Mount Transformer by Pole Mount Transformer for Al Atatrah Project	010-B	89,810.00 $	21 Days
VOR-15-00008-GAZI-010-C	Replace Pad-Mount Transformer by Pole Mount Transformer for Al Atatrah Project	010-C	84,310.00 $	21 Days
VOR-15-00008-GAZI-011-A	Replace Pad-Mount Transformer by Pole Mount Transformer For Nuseirat Project	011-A	158,563.00 $	21 Days

VOR-15-00008-GAZI-011-B	Replace Pad-Mount Transformer by Pole Mount Transformer For Nuseirat Project	011-B	150,700.00 $	21 Days
VOR-15-00008-GAZI-011-C	Replace Pad-Mount Transformer by Pole Mount Transformer For Nuseirat Project	011-C	145,100.00 $	21 Days
VOR-15-00008-GAZI-012-A	Excavation under Nuseirat Reservoir	012-A	4,875.00 $	Zero time
VOR-15-00008-GAZI-013-A	Increase the Generator Capacity of Nuseirat Site to an upgraded Gen P500	013-A	35,000.00 $	Extension
VOR-15-00008-GAZI-013-B	Increase the Generator Capacity of Nuseirat Site to an upgraded Gen P500	013-B	35,000.00 $	Zero time
VOR-15-00008-GAZI-013-C	Increase the Generator Capacity of Nuseirat Site to an upgraded Gen P500	013-C	35,000.00 $	Extension

26. Obstacles and Challenges

26.1. Project 1 (ATA)

Works stopped in the site due to a resident objection from June 21, 2016 to June 23, 2016.

26.2. Project 2 (NUS)

No obstacles observed until this reporting period.

27. Progress Photos

27.1. Project 1 (ATA)

Continue erecting proprietary formwork system for the reservoir's walls	**Continue erecting proprietary formwork system for the reservoir's walls at eastern quarter**
Continue erecting proprietary formwork system for the reservoir's walls at eastern quarter	**Continue erecting proprietary formwork system for the reservoir's walls at eastern quarter**
Casting reinforced concrete for RW walls at segment 4-5 step 4 and segment 5-6 step 1	**Casting reinforced concrete for RW walls at segment 4-5 step 4 and segment 5-6 step 1**

Fixing the Steel Rebar for Reservoir's walls

Fixing the Steel Rebar for Reservoir's walls

Continue erecting proprietary formwork system for the reservoir's walls at eastern quarter

Continue erecting proprietary formwork system for the reservoir's walls at eastern quarter

Safety Tool Box Meeting

Housekeeping/Cleaning works at the reservoir yard

Repairing works for retaining walls	**Repairing works for retaining walls**
Continue erecting proprietary formwork system for the reservoir's walls at eastern quarter	**Continue erecting proprietary formwork system for the reservoir's walls at eastern quarter**
Continue isolation works for the retaining walls.	**Continue isolation works for the retaining walls.**

Continue isolation works for the retaining walls.	**Preparing and Filling the Expansion Joints at the Retaining Walls.**
Casting concrete for the reservoir walls - eastern quarter up to 3.6 m height.	**Casting concrete for the reservoir walls - eastern quarter up to 3.6 m height.**
Casting concrete for the reservoir walls - eastern quarter up to 3.6 m height.	**Casting concrete for the reservoir walls - eastern quarter up to 3.6 m height.**

Backfilling works around the retaining walls from internal side	**Backfilling works around the retaining walls from internal side**
Conducting a Visit by USAID Representative	**Backfilling works around the retaining walls from internal side**
Repairing works for retaining walls	**Repairing works for retaining walls**

Continue isolation works for the retaining walls.

Compaction works for the Backfilling Layers Around R.W

Compaction works for the Backfilling Layers Around R.W

Backfilling works around the retaining walls from internal side

Backfilling works around the retaining walls from internal side

Taking Samples of compacted Layer around RW

Casting concrete for the reservoir walls - southern quarter up to 3.6 m height.

Casting concrete for the reservoir walls - southern quarter up to 3.6 m height.

Casting concrete for the reservoir walls - southern quarter up to 3.6 m height.

Casting concrete for the reservoir walls - southern quarter up to 3.6 m height.

Continue repairing works for RW

Continue repairing works for RW

Casting concrete for the reservoir walls - western quarter up to 3.6 m height.

Casting concrete for the reservoir walls - western quarter up to 3.6 m height.

Compaction works for the Backfilling Layers Around R.W

Backfilling works around the retaining walls from internal side	**Backfilling works around the retaining walls from internal side**
Backfilling works around the retaining walls from internal side	**Backfilling works around the retaining walls from internal side**

27.2. **Project 2 (NUS)**

Continue isolation works for the retaining walls.	**Continue isolation works for the retaining walls.**
Excavation Works for Soil Replacement below for the Reservoir	**Continue Preparing Works for Subgrade and Base Coarse Layers under the Retaining Walls**
Taking Samples of backfilling material under reservoir foundation	**Taking Samples of backfilling material under reservoir foundation**

Continue isolation works for the retaining walls.	**Compaction works for the Soil Replacement layers below the Reservoir**
Taking Samples of Base Coarse Layer Under RW Foundation.	**Casting lean concrete for RW foundation at segment 6-1 step 2**
Casting reinforced Concrete For RW Foundation at segment 6-1 step 2	**Casting reinforced Concrete For RW Foundation at segment 6-1 step 2**

Backfilling works around the retaining walls from external side	**Taking Samples of compacted Layer around RW**
Excavation works for disinfection building	**Excavation works for disinfection building**
Continue backfilling Works for Soil Replacement below for the Reservoir	**Continue backfilling Works for Soil Replacement below for the Reservoir**

Fixing steel rebar for RW walls	**Inspection by CMC for RW Walls**
Continue backfilling Works for Soil Replacement below for the Reservoir	**Continue backfilling Works for Soil Replacement below for the Reservoir**
Closing The RW Shutter For Casting R.C	**Closing The RW Shutter For Casting R.C**

Casting Reinforced Concrete For RW Walls	**Casting Reinforced Concrete For RW Walls**
Continue backfilling Works for Soil Replacement below for the Reservoir	**Continue backfilling Works for Soil Replacement below for the Reservoir**
Curing works for casted concrete	**Curing works for casted concrete**

Continue backfilling Works for Soil Replacement below for the Reservoir	**Backfilling works around the retaining walls from external side**
Backfilling works around the retaining walls from external side	**Backfilling works around the retaining walls from external side**
Continue backfilling Works for Soil Replacement below for the Reservoir	**Taking Samples of compacted soil replacement Layer under reservoir**

Backfilling works around the retaining walls from external side

Backfilling works around the retaining walls from external side

Casting Reinforced Concrete For RW Walls

Casting Reinforced Concrete For RW Walls

Continue backfilling Works for Soil Replacement below for the Reservoir

Finish reinstatement works of interlock tiles outside the R.W at segment 3-4 & at segment 4-5	**Finish reinstatement works of interlock tiles outside the R.W at segment 3-4 & at segment 4-5**
Continue repairing works for RW	**Continue repairing works for RW**
Continue backfilling Works for Soil Replacement below for the Reservoir	**Continue backfilling Works for Soil Replacement below for the Reservoir**

Continue backfilling Works for Soil Replacement below for the Reservoir	**Continue backfilling Works for Soil Replacement below for the Reservoir**
Curing works for casted concrete	**Continue isolation works for the retaining walls.**
Continue isolation works for the retaining walls.	**Preparing and Filling the Expansion Joints at the Retaining Walls.**

Continue backfilling Works for Soil Replacement below for the Reservoir	**Taking Samples of compacted soil replacement Layer under reservoir**
Repairing Works For RW	**Continue isolation works for the retaining walls.**
Excavation Works under booster pumps foundation	**Excavation Works under booster pumps foundation**

Preparation works for washout drain pipe and perforated pipe under the reservoir.	**Preparation works for washout drain pipe and perforated pipe under the reservoir.**
Preparation works of the subgrade for washout drain pipe under the reservoir.	**Taken sample of compacted subgrade layer under washout drain pipe**

ANNEXES

Annex A - Materials- Equipment Receiving Log

Project 1 (ATA)

Materials Delivered on Site:

Item	Description	Qty	Location
1	Steel Reinforcement Ø 25	42.3Ton	Al Atatrah storage yard
2	Sika Flex	2 Pcs	Al Atatrah storage yard
3	Backing Rod	18 LM	Al Atatrah storage yard

Equipment on Site:

Description: List Manufacturer, Model, Year Built	Quantity in use	Hours
Diesel Generator (FG WILSON)	1	30
Concrete pump	1	13
Truck Mixer	3	13
Loader	1	74
Truck Crane	1	56
Tipper Truck	2	16
Vibrator	2	14
Roller Compactor	1	23
Mercedes Van	1	84
Backup - DMAX	1	4

Project 2 (NUS)

Materials Delivered on Site:

Item	Description	Qty	Location
1	Base coarse	102.52 Ton	Nuseirat Storage Yard
2	Calcareous Sands	2000 m^3	
3	Sand	80 m^3	
4	Steel Reinforcement Ø 20	24 Ton	
5	Steel Reinforcement Ø 25	65 Ton	Nuseirat Storage yard
6	Sika Flex	15 Pcs	
7	Backing Rod	24 LM	Nuseirat Storage yard

Equipment on Site:

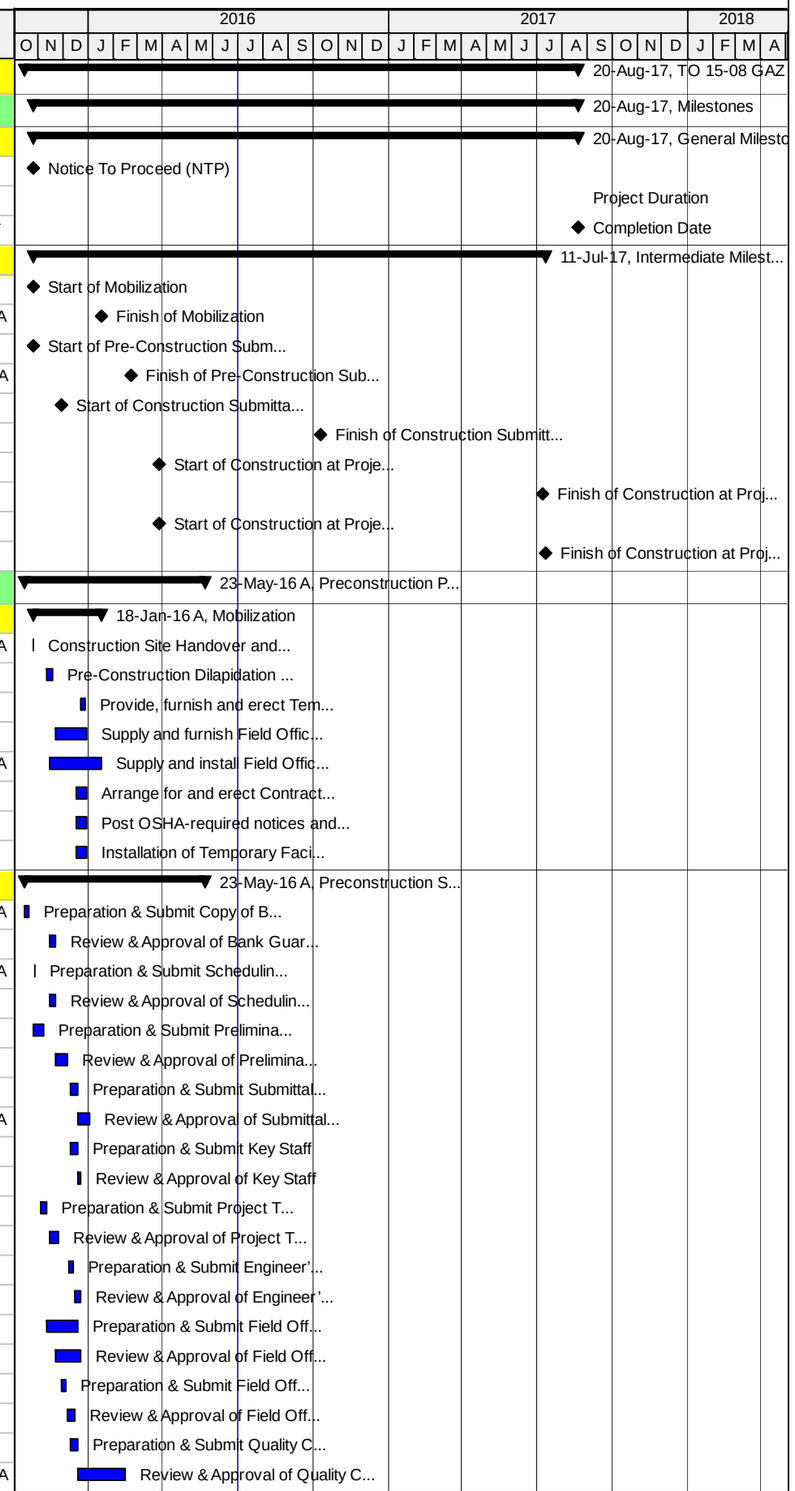
Description: List Manufacturer, Model, Year Built	Quantity in use	Hours
Loader	1	69
Concrete pump	1	8
Truck Mixer	1	7
Diesel Generator	1	47
Roller Compactor	1	93
Mobile Water Tank	1	18
Backup – D-MAX	1	79
Tipper Truck	8	65

Annex B – Updated Schedule

TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package I

03-Jul-16 10:31

Activity ID	Activity Name	Original Duration	Start	Finish
TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package I				
Milestones				
General Milestones				
A1000	Notice To Proceed (NTP)	0.00	26-Oct-15 A	
A1010	Project Duration	609.75	26-Oct-15 A	20-Aug-17
A1020	Completion Date	0.00		20-Aug-17*
Intermediate Milestones				
GAZI-IA-01	Start of Mobilization	0.00	26-Oct-15 A	
GAZI-IA-02	Finish of Mobilization	0.00		17-Jan-16 A
GAZI-IA-03	Start of Pre-Construction Submittals	0.00	26-Oct-15 A	
GAZI-IA-04	Finish of Pre-Construction Submittals	0.00		22-Feb-16 A
GAZI-IA-05	Start of Construction Submittals	0.00	30-Nov-15	
GAZI-IA-06	Finish of Construction Submittals	0.00		10-Oct-16
GAZI-IA-07	Start of Construction at Project 01 - Al Atatrah Reservoir and Pumping Facilities	0.00	27-Mar-16 A	
GAZI-IA-08	Finish of Construction at Project 01 - Al Atatrah Reservoir and Pumping Facilities	0.00		08-Jul-17
GAZI-IA-09	Start of Construction at Project 2 - Nuseirat Reservoir and Pumping Facilities	0.00	27-Mar-16 A	
GAZI-IA-10	Finish of Construction at Project 2 - Nuseirat Reservoir and Pumping Facilities	0.00		11-Jul-17
Preconstruction Phase				
Mobilization				
GAZI - MOB0999	Construction Site Handover and Receive Conformed Drawings	1.00	27-Oct-15 A	27-Oct-15 A
GAZI - MOB1000	Pre-Construction Dilapidation Survey	15.00	11-Nov-15	19-Nov-15
GAZI - MOB1010	Provide, furnish and erect Temporary Project Signs	5.00	23-Dec-15	29-Dec-15
GAZI - MOB1020	Supply and furnish Field Office Furniture and Miscellaneous	5.00	22-Nov-15	30-Dec-15
GAZI - MOB1030	Supply and install Field Office Computer Systems and IT Equipments	7.00	16-Nov-15	18-Jan-16 A
GAZI - MOB1040	Arrange for and erect Contractor's work and Storage Yards	10.00	17-Dec-15	31-Dec-15
GAZI - MOB1060	Post OSHA-required notices and establish safety programs	2.00	17-Dec-15	31-Dec-15
GAZI - MOB1070	Installation of Temporary Facilities as per section 01500	7.00	17-Dec-15	31-Dec-15
Preconstruction Submittals				
GAZI-PC-SUB-01	Preparation & Submit Copy of Bank Guarantee Certificates (for engineer record)	5.00	15-Oct-15 A	20-Oct-15 A
GAZI-PC-SUB-01-R&A	Review & Approval of Bank Guarantee Certificates	21.00	16-Nov-15	23-Nov-15
GAZI-PC-SUB-02	Preparation & Submit Scheduling Qualification Submittal	2.00	29-Oct-15 A	29-Oct-15 A
GAZI-PC-SUB-02-R&A	Review & Approval of Scheduling Qualification Submittal	21.00	16-Nov-15	23-Nov-15
GAZI-PC-SUB-03	Preparation & Submit Preliminary Progress Schedule (60 Day Plan of Operation)	10.00	26-Oct-15 A	08-Nov-15
GAZI-PC-SUB-03-R&A	Review & Approval of Preliminary Progress Schedule (60 Day Plan of Operation)	21.00	22-Nov-15	07-Dec-15
GAZI-PC-SUB-04	Preparation & Submit Submittals Schedule	2.00	10-Dec-15	19-Dec-15
GAZI-PC-SUB-04-R&A	Review & Approval of Submittals Schedule	21.00	20-Dec-15	03-Jan-16 A
GAZI-PC-SUB-05	Preparation & Submit Key Staff	5.00	10-Dec-15	19-Dec-15
GAZI-PC-SUB-05-R&A	Review & Approval of Key Staff	21.00	20-Dec-15	24-Dec-15
GAZI-PC-SUB-06	Preparation & Submit Project Temporary Signs	2.00	05-Nov-15	11-Nov-15
GAZI-PC-SUB-06-R&A	Review & Approval of Project Temporary Signs	21.00	16-Nov-15	26-Nov-15
GAZI-PC-SUB-07	Preparation & Submit Engineer's Field Office Location and Layout	2.00	08-Dec-15	14-Dec-15
GAZI-PC-SUB-07-R&A	Review & Approval of Engineer's Field Office Location and Layout	21.00	15-Dec-15	23-Dec-15
GAZI-PC-SUB-08	Preparation & Submit Field Office Furniture and Equipment Plan	2.00	12-Nov-15	19-Dec-15
GAZI-PC-SUB-08-R&A	Review & Approval of Field Office Furniture and Equipment Plan	21.00	22-Nov-15	23-Dec-15
GAZI-PC-SUB-09	Preparation & Submit Field Office Computer Systems and Miscellaneous	5.00	30-Nov-15	05-Dec-15
GAZI-PC-SUB-09-R&A	Review & Approval of Field Office Computer Systems and Miscellaneous	21.00	06-Dec-15	15-Dec-15
GAZI-PC-SUB-10	Preparation & Submit Quality Control Plan with Testing Lab C.V	5.00	10-Dec-15	19-Dec-15
GAZI-PC-SUB-10-R&A	Review & Approval of Quality Control Plan with Testing Lab C.V	21.00	20-Dec-15	15-Feb-16 A



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TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package I

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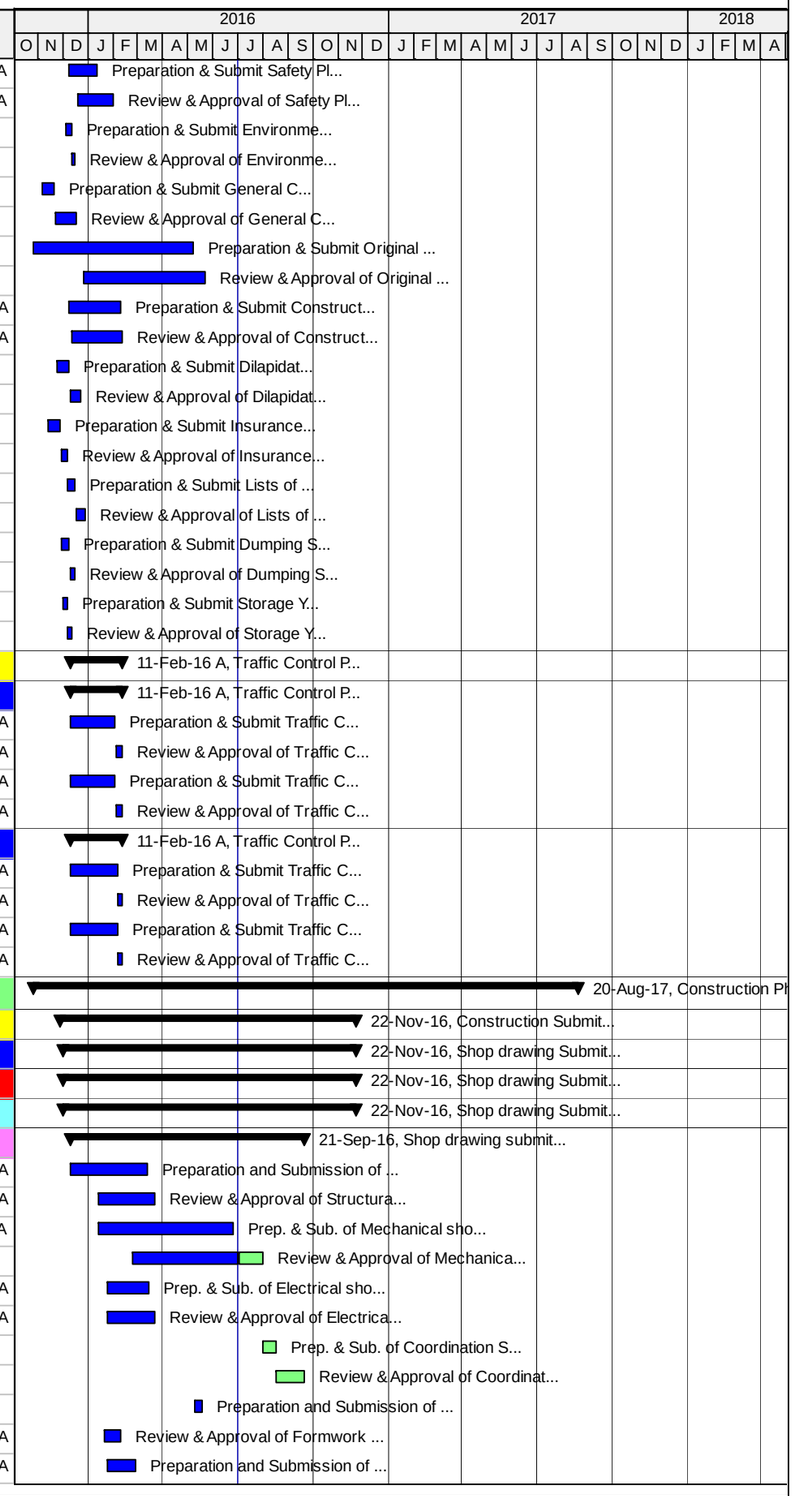
Activity ID	Activity Name	Original Duration	Start	Finish
GAZI-PC-SUB-11	Preparation & Submit Safety Plan	5.00	09-Dec-15	12-Jan-16 A
GAZI-PC-SUB-11-R&A	Review & Approval of Safety Plan	21.00	20-Dec-15	31-Jan-16 A
GAZI-PC-SUB-13	Preparation & Submit Environmental Monitoring and Mitigation Plan	3.00	05-Dec-15	12-Dec-15
GAZI-PC-SUB-13-R&A	Review & Approval of Environmental Monitoring and Mitigation Plan	21.00	13-Dec-15	16-Dec-15
GAZI-PC-SUB-14	Preparation & Submit General Construction Method Statement	5.00	07-Nov-15	21-Nov-15
GAZI-PC-SUB-14-R&A	Review & Approval of General Constraction Method Statement	21.00	22-Nov-15	17-Dec-15
GAZI-PC-SUB-15	Preparation & Submit Original CPM Construction Schedule	25.00	26-Oct-15 A	09-May-16
GAZI-PC-SUB-15-R&A	Review & Approval of Original CPM Construction Schedule	21.00	27-Dec-15	23-May-16
GAZI-PC-SUB-16	Preparation & Submit Construction Risk Management Program	15.00	08-Dec-15	10-Feb-16 A
GAZI-PC-SUB-16-R&A	Review & Approval of Construction Risk Management Program	21.00	13-Dec-15	11-Feb-16 A
GAZI-PC-SUB-17	Preparation & Submit Dilapidation Survey	3.00	25-Nov-15	09-Dec-15
GAZI-PC-SUB-17-R&A	Review & Approval of Dilapidation Survey	21.00	10-Dec-15	23-Dec-15
GAZI-PC-SUB-19	Preparation & Submit Insurances	5.00	14-Nov-15	28-Nov-15
GAZI-PC-SUB-19-R&A	Review & Approval of Insurances	21.00	29-Nov-15	07-Dec-15
GAZI-PC-SUB-20	Preparation & Submit Lists of Permits and Licenses	5.00	07-Dec-15	16-Dec-15
GAZI-PC-SUB-20-R&A	Review & Approval of Lists of Permits and Licenses	21.00	17-Dec-15	28-Dec-15
GAZI-PC-SUB-21	Preparation & Submit Dumping Site	4.00	30-Nov-15	09-Dec-15
GAZI-PC-SUB-21-R&A	Review & Approval of Dumping Site	21.00	10-Dec-15	15-Dec-15
GAZI-PC-SUB-22	Preparation & Submit Storage Yard	5.00	01-Dec-15	06-Dec-15
GAZI-PC-SUB-22-R&A	Review & Approval of Storage Yard	21.00	07-Dec-15	13-Dec-15
Traffic Control Plan, Coordination and Permits				
Traffic Control Plan for Project 1 - Al Atatrah Reservoir and Pumping Facilities				
ATA-TCP-SUB-01	Preparation & Submit Traffic Control Plan for Al Atatrah Reservoir and Booster Pump Station	15.00	10-Dec-15	03-Feb-16 A
ATA-TCP-SUB-01-R&A	Review & Approval of Traffic Control Plan for Al Atatrah Reservoir and Booster Pump Station	21.00	04-Feb-16 A	11-Feb-16 A
ATA-TCP-SUB-10	Preparation & Submit Traffic Control Plan for Al Atatrah Supply & Distribution Pipelines	15.00	10-Dec-15	03-Feb-16 A
ATA-TCP-SUB-10-R&A	Review & Approval of Traffic Control Plan for Al Atatrah Supply & Distribution Pipelines	21.00	04-Feb-16 A	11-Feb-16 A
Traffic Control Plan for Project 2 - Nuseirat Reservoir and Pumping Facilities				
NUS-TCP-SUB-01	Preparation & Submit Traffic Control Plan for Nuseirat Reservoir and Booster Pump Station	15.00	10-Dec-15	06-Feb-16 A
NUS-TCP-SUB-01-R&A	Review & Approval of Traffic Control Plan for Nuseirat Reservoir and Booster Pump Station	21.00	07-Feb-16 A	11-Feb-16 A
NUS-TCP-SUB-10	Preparation & Submit Traffic Control Plan for Nuseirat Supply & Distribution Pipelines	15.00	10-Dec-15	06-Feb-16 A
NUS-TCP-SUB-10-R&A	Review & Approval of Traffic Control Plan for Nuseirat Supply & Distribution Pipelines	21.00	07-Feb-16 A	11-Feb-16 A
Construction Phase				
Construction Submittals				
Shop drawing Submittals				
Shop drawing Submittals for Project 1 - Al Atatrah Reservoir and Pumping Facilities				
Shop drawing Submittals for Al Atatrah Reservoir and Pumping Facilities				
Shop drawing submittals for Al Atatrah Reservoir - 3,800 m3				
ATA-SD-RES-1040	Preparation and Submission of Structural Shop drawing for Al Atatrah Reservoir	20.00	10-Dec-15	13-Mar-16 A
ATA-SD-RES-1050	Review & Approval of Structural Shopdrawing for Al Atatrah Reservoir	21.00	14-Jan-16 A	23-Mar-16 A
ATA-SD-RES-1060	Prep. & Sub. of Mechanical shopdrawing for Al Atatrah Reservoir	20.00	14-Jan-16 A	26-Jun-16 A
ATA-SD-RES-1070	Review & Approval of Mechanical shopdrawing for Al Atatrah Reservoir	21.00	24-Feb-16 A	31-Jul-16
ATA-SD-RES-1080	Prep. & Sub. of Electrical shopdrawing for Al Atatrah Reservoir	15.00	24-Jan-16 A	16-Mar-16 A
ATA-SD-RES-1090	Review & Approval of Electrical shopdrawing for Al Atatrah Reservoir	21.00	25-Jan-16 A	23-Mar-16 A
ATA-SD-RES-1100	Prep. & Sub. of Coordination Shop drawing for Al Atatrah Reservoir	15.00	31-Jul-16	17-Aug-16
ATA-SD-RES-1110	Review & Approval of Coordination Shop drawing for Al Atatrah Reservoir	21.00	17-Aug-16	21-Sep-16
ATA-SD-RES-1120	Preparation and Submission of Formwork Design & Shop Drawing for Al Atatrah Reservoir	10.00	10-May-16	19-May-16
ATA-SD-RES-1130	Review & Approval of Formwork Design & Shop Drawing for Al Atatrah Reservoir	21.00	21-Jan-16 A	10-Feb-16 A
ATA-SD-RES-1140	Preparation and Submission of Float Indicator Location & Details shop Drawing for Al Atatrah Reservoir	10.00	24-Jan-16 A	28-Feb-16 A



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TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package I

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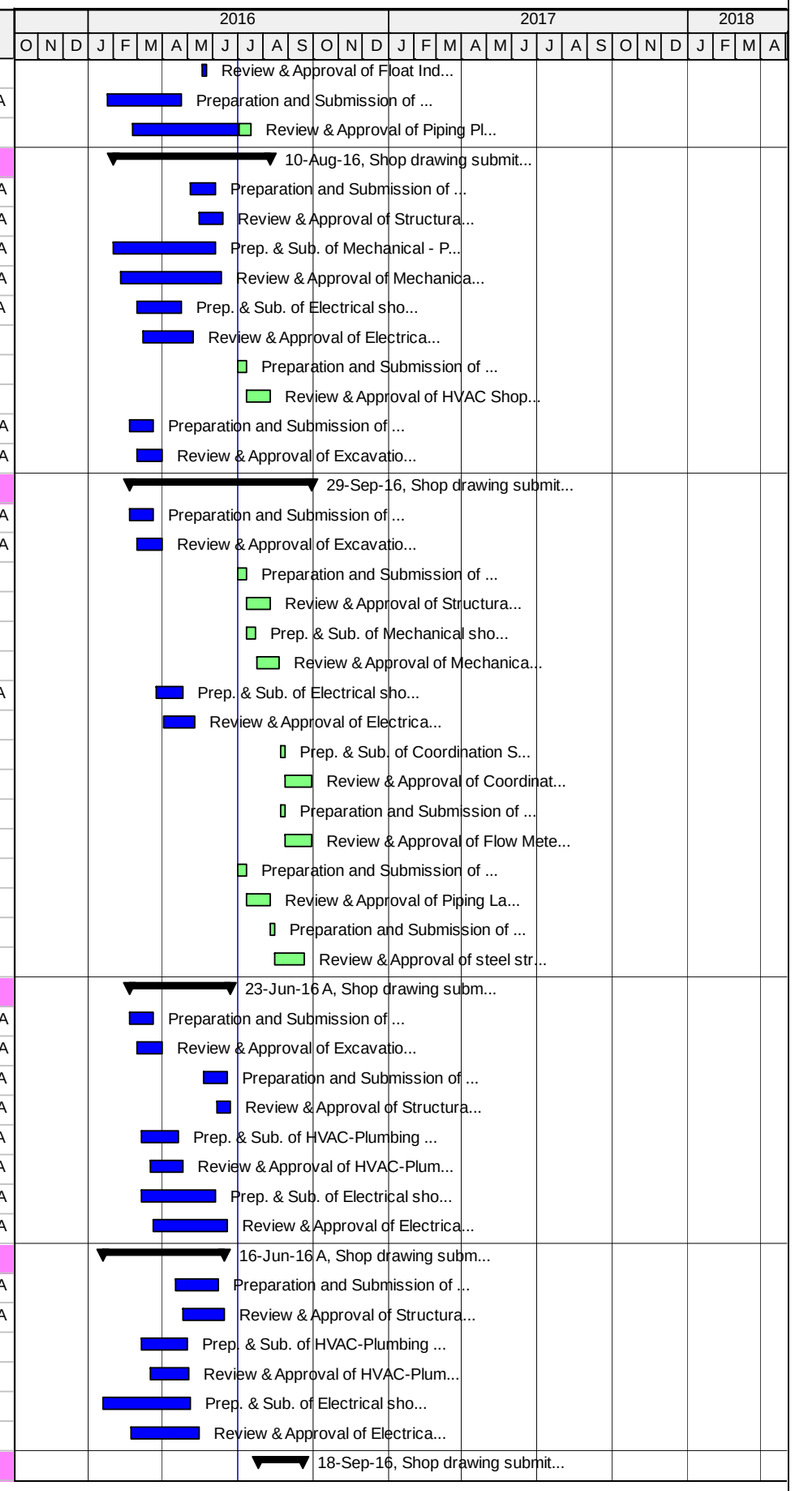
Activity ID	Activity Name	Original Duration	Start	Finish
ATA-SD-RES-1150	Review & Approval of Float Indicator Location & Details shop Drawing for Al Atatrah Reservoir	21.00	19-May-16	24-May-16
ATA-SD-RES-1160	Preparation and Submission of Piping Plan & Sections shop Drawing for Al Atatrah Reservoir	15.00	25-Jan-16 A	24-Apr-16 A
ATA-SD-RES-1170	Review & Approval of Piping Plan & Sections shop Drawing for Al Atatrah Reservoir	21.00	24-Feb-16 A	17-Jul-16
Shop drawing submittals for Al Atatrah Disinfection Building				
ATA-SD-DIS-1000	Preparation and Submission of Structural Shop drawing for Al Atatrah Disinfection Building	5.00	05-May-16	05-Jun-16 A
ATA-SD-DIS-1010	Review & Approval of Structural Shopdrawing for Al Atatrah Disinfection Building	21.00	15-May-16	13-Jun-16 A
ATA-SD-DIS-1020	Prep. & Sub. of Mechanical - Plumping shopdrawing for Al Atatrah Disinfection Building	9.00	01-Feb-16 A	05-Jun-16 A
ATA-SD-DIS-1030	Review & Approval of Mechanical - Plumping shopdrawing for Al Atatrah Disinfection Building	21.00	10-Feb-16 A	12-Jun-16 A
ATA-SD-DIS-1040	Prep. & Sub. of Electrical shopdrawing for Al Atatrah Disinfection Building	9.00	01-Mar-16 A	24-Apr-16 A
ATA-SD-DIS-1050	Review & Approval of Electrical shopdrawing for Al Atatrah Disinfection Building	21.00	08-Mar-16 A	09-May-16
ATA-SD-DIS-1080	Preparation and Submission of HVAC Shop Drawing for Al Atatrah Disinfection Building	5.00	02-Jul-16	12-Jul-16
ATA-SD-DIS-1090	Review & Approval of HVAC Shop Drawing for Al Atatrah Disinfection Building	21.00	12-Jul-16	10-Aug-16
ATA-SD-DIS-1100	Preparation and Submission of Excavation Plan shop Drawing for Al Atatrah Disinfection Building	5.00	20-Feb-16 A	21-Mar-16 A
ATA-SD-DIS-1110	Review & Approval of Excavation Plan shop Drawing for Al Atatrah Disinfection Building	21.00	29-Feb-16 A	31-Mar-16 A
Shop drawing submittals for Al Atatrah Booster Pump Station				
ATA-SD-BP-0960	Preparation and Submission of Excavation Plan for Al Atatrah Booster Pump Station	5.00	20-Feb-16 A	21-Mar-16 A
ATA-SD-BP-0965	Review & Approval of Excavation Plan for Al Atatrah Booster Pump Station	21.00	29-Feb-16 A	31-Mar-16 A
ATA-SD-BP-1000	Preparation and Submission of Structural & Architectural Shopdrawing for Al Atatrah Booster Pump Station	5.00	02-Jul-16	12-Jul-16
ATA-SD-BP-1010	Review & Approval of Structural & Architectural Shopdrawing for Al Atatrah Booster Pump Station	21.00	12-Jul-16	10-Aug-16
ATA-SD-BP-1020	Prep. & Sub. of Mechanical shopdrawing for Al Atatrah Booster Pump Station	9.00	12-Jul-16	23-Jul-16
ATA-SD-BP-1030	Review & Approval of Mechanical shopdrawing for Al Atatrah Booster Pump Station	21.00	24-Jul-16	21-Aug-16
ATA-SD-BP-1040	Prep. & Sub. of Electrical shopdrawing for Al Atatrah Booster Pump Station	9.00	24-Mar-16 A	25-Apr-16 A
ATA-SD-BP-1050	Review & Approval of Electrical shopdrawing for Al Atatrah Booster Pump Station	21.00	03-Apr-16 A	11-May-16
ATA-SD-BP-1060	Prep. & Sub. of Coordination Shop drawing for Al Atatrah Booster Pump Station	5.00	22-Aug-16	27-Aug-16
ATA-SD-BP-1070	Review & Approval of Coordination Shop drawing for Al Atatrah Booster Pump Station	21.00	28-Aug-16	29-Sep-16
ATA-SD-BP-1100	Preparation and Submission of Flow Meters Mechanical shop drawing for Al Atatrah Booster Pump Station	5.00	22-Aug-16	27-Aug-16
ATA-SD-BP-1110	Review & Approval of Flow Meters Mechanical shop drawing for Al Atatrah Booster Pump Station	21.00	28-Aug-16	29-Sep-16
ATA-SD-BP-1120	Preparation and Submission of Piping Layout shop Drawing for Al Atatrah Booster Pump Station	5.00	02-Jul-16	12-Jul-16
ATA-SD-BP-1130	Review & Approval of Piping Layout shop Drawing for Al Atatrah Booster Pump Station	21.00	12-Jul-16	10-Aug-16
ATA-SD-BP-1230	Preparation and Submission of steel structure for Al Atatrah pump shed	5.00	10-Aug-16	16-Aug-16
ATA-SD-BP-1240	Review & Approval of steel structure for Al Atatrah pump shed	21.00	16-Aug-16	20-Sep-16
Shop drawing submittals for Al Atatrah Electrical and Control Building				
ATA-SD-ECB-1020	Preparation and Submission of Excavation Plan for Al Atatrah Electrical and Control Building	5.00	20-Feb-16 A	21-Mar-16 A
ATA-SD-ECB-1030	Review & Approval of Excavation Plan for Al Atatrah Electrical and Control Building	21.00	29-Feb-16 A	31-Mar-16 A
ATA-SD-ECB-1040	Preparation and Submission of Structural & Architectural Shopdrawing for Al Atatrah Electrical and Control Building	5.00	21-May-16	19-Jun-16 A
ATA-SD-ECB-1050	Review & Approval of Structural & Architectural Shopdrawing for Al Atatrah Electrical and Control Building	21.00	06-Jun-16 A	23-Jun-16 A
ATA-SD-ECB-1060	Prep. & Sub. of HVAC-Plumbing shopdrawing for Al Atatrah Electrical and Control Building	9.00	06-Mar-16 A	20-Apr-16 A
ATA-SD-ECB-1070	Review & Approval of HVAC-Plumbing shopdrawing for Al Atatrah Electrical and Control Building	21.00	17-Mar-16 A	26-Apr-16 A
ATA-SD-ECB-1080	Prep. & Sub. of Electrical shopdrawing for Al Atatrah Electrical and Control Building	19.00	07-Mar-16 A	05-Jun-16 A
ATA-SD-ECB-1090	Review & Approval of Electrical shopdrawing for Al Atatrah Electrical and Control Building	21.00	20-Mar-16 A	19-Jun-16 A
Shop drawing submittals for Al Atatrah Guard House				
ATA-SD-GH-1040	Preparation and Submission of Structural & Architectural Shopdrawing for Al Atatrah Guard House	15.00	16-Apr-16 A	09-Jun-16 A
ATA-SD-GH-1050	Review & Approval of Structural & Architectural Shopdrawing for Al Atatrah Guard House	21.00	26-Apr-16 A	16-Jun-16 A
ATA-SD-GH-1060	Prep. & Sub. of HVAC-Plumbing shopdrawing for Al Atatrah Guard House	9.00	06-Mar-16 A	01-May-16
ATA-SD-GH-1070	Review & Approval of HVAC-Plumbing shopdrawing for Al Atatrah Guard House	21.00	17-Mar-16 A	03-May-16
ATA-SD-GH-1080	Prep. & Sub. of Electrical shopdrawing for Al Atatrah Guard House	9.00	20-Jan-16 A	05-May-16
ATA-SD-GH-1090	Review & Approval of Electrical shopdrawing for Al Atatrah Guard House	21.00	22-Feb-16 A	15-May-16
Shop drawing submittals for Al Atatrah Diesel Generator				



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Activity ID	Activity Name	Original Duration	Start	Finish
ATA-SD-DG-1000	Preparation and Submission of Shop drawing for Al Atatrah Diesel Generator	15.00	27-Jul-16	14-Aug-16
ATA-SD-DG-1010	Review & Approval of Shopdrawing for Al Atatrah Diesel Generator	21.00	14-Aug-16	18-Sep-16
Shop drawing submittals for Al Atatrah Primary Power and Supply Transformer				
ATA-SD-T-1000	Preparation and Submission of Shop drawing for Al Atatrah Primary Power and Supply Transformer	15.00	02-Jul-16	24-Jul-16
ATA-SD-T-1010	Review & Approval of Shopdrawing for Al Atatrah Primary Power and Supply Transformer	21.00	24-Jul-16	22-Aug-16
Shop drawing submittals for Al Atatrah Site Work - Site Utilities				
ATA-SD-RES-1000	Preparation and Submission of Survey Grid Points for Al Atatrah Reservoir (Survey Plan)	15.00	01-Dec-15	06-Dec-15
ATA-SD-RES-1010	Review & Approval of Survey Grid Points for Al Atatrah Reservoir (Survey Plan)	21.00	07-Dec-15	29-Dec-15
ATA-SD-RES-1012	Preparation and Submission of Excavation Plan for Al Atatrah Reservoir	10.00	22-Feb-16 A	21-Mar-16 A
ATA-SD-RES-1013	Review & Approval of Excavation Plan for Al Atatrah Reservoir	21.00	29-Feb-16 A	31-Mar-16 A
ATA-SD-RES-1020	Preparation and Submission of Site Layout Plan for Al Atatrah Reservoir	18.00	19-Jan-16 A	01-Feb-16 A
ATA-SD-RES-1030	Review & Approval of Site Layout Plan for Al Atatrah Reservoir	21.00	01-Feb-16 A	23-Feb-16 A
ATA-SD-RES-1200	Preparation and Submission of Valve Vault for Al Atatrah Reservoir	15.00	22-Aug-16	07-Sep-16
ATA-SD-RES-1210	Review & Approval of Valve Vault for Al Atatrah Reservoir	21.00	08-Sep-16	12-Oct-16
ATA-SD-RES-1220	Preparation and Submission of Exterior Gate for Al Atatrah Reservoir	5.00	02-Jul-16	12-Jul-16
ATA-SD-RES-1230	Review & Approval of Exterior Gate for Al Atatrah Reservoir	21.00	12-Jul-16	10-Aug-16
ATA-SD-RES-1240	Preparation and Submission of yard electrical work for Al Atatrah Reservoir	15.00	18-Sep-16	05-Oct-16
ATA-SD-RES-1250	Review & Approval of yard electrical work for Al Atatrah Reservoir	21.00	05-Oct-16	03-Nov-16
ATA-SD-RES-1260	Preparation and Submission of yard piping and Mechanical work for Al Atatrah Reservoir	15.00	05-Oct-16	23-Oct-16
ATA-SD-RES-1270	Review & Approval of yard piping and Mechanical work for Al Atatrah Reservoir	21.00	23-Oct-16	22-Nov-16
Shop drawing submittals for Al Atatrah Retaining Wall				
ATA-SD-RW-1000	Preparation and Submission of Shop Drawing for Al Atatrah Retaining wall and Fence wall	19.00	29-Feb-16 A	15-Mar-16 A
ATA-SD-RW-1010	Review & Approval of Shopdrawing for Al Atatrah Retaining wall and Fence wall	21.00	08-Mar-16 A	22-Mar-16 A
Shop drawing submittals for Al Atatrah Skid Mounted Booster Pump Station				
ATA-SD-LBP-1020	Preparation and Submission of Excavation Plan for Al Atatrah In Line Booster Pump Station	19.00	02-Jul-16	28-Jul-16
ATA-SD-LBP-1030	Review & Approval of Excavation Plan for Al Atatrah In Line Booster Pump Station	21.00	28-Jul-16	28-Aug-16
ATA-SD-LBP-1040	Preparation and Submission of Structural & Architectural Shopdrawing for Al Atatrah Booster Pump Station	15.00	13-Jul-16	31-Jul-16
ATA-SD-LBP-1050	Review & Approval of Structural & Architectural Shopdrawing for Al Atatrah Booster Pump Station	21.00	31-Jul-16	29-Aug-16
ATA-SD-LBP-1060	Prep. & Sub. of skid mounted booster pump station shopdrawing for Al Atatrah In Line Booster Pump Station	19.00	31-Jul-16	22-Aug-16
ATA-SD-LBP-1070	Review & Approval of skid mounted booster pump station shopdrawing for Al Atatrah In Line Booster Pump Station	21.00	22-Aug-16	26-Sep-16
ATA-SD-LBP-1080	Prep. & Sub. of Electrical shopdrawing for Al Atatrah Booster Pump Station	19.00	28-Mar-16 A	25-Apr-16 A
ATA-SD-LBP-1090	Review & Approval of Electrical shopdrawing for Al Atatrah Booster Pump Station	21.00	03-Apr-16 A	11-May-16
Shop drawing submittals for Al Atatrah Supply & Distribution Pipelines				
Shop drawing submittals for Supply Line 1 (DN 280mm, 160mm) & Distribution Pipes (315mm, 355mm)				
ATA-SD-SDP-1000	Prep. & Sub. Shop drawing for Supply and Distribution Pipes from TS1 1+000 TO TS1 1+625 (280mm, 315mm, 355mm)	20.00	18-May-16	18-Jul-16
ATA-SD-SDP-1010	Review & Approval of Shop drawing for Supply and Distribution Pipes from TS1 1+000 TO TS1 1+625 (280mm, 315mm, 3	21.00	06-Jun-16 A	27-Jul-16
ATA-SD-SDP-1020	Prep. & Sub. Shop drawing for Supply pipes from TS1 1+625 To Station TS1 2+300 (DN 160mm)	15.00	18-May-16	14-Jul-16
ATA-SD-SDP-1030	Review & Approval of Shop drawing for Supply pipes from TS1 1+625 To Station TS1 2+300 (DN 160mm)	21.00	06-Jun-16 A	27-Jul-16
ATA-SD-SDP-1040	Prep. & Sub. Shop drawing for Supply pipes from TS1 2+300 To Station TS1 2+961 (DN 160mm)	15.00	18-May-16	14-Jul-16
ATA-SD-SDP-1050	Review & Approval of Shop drawing for Supply pipes from TS1 2+300 To Station TS1 2+961 (DN 160mm)	21.00	06-Jun-16 A	27-Jul-16
ATA-SD-SDP-1160	Prep. & Sub. Shop drawing for Distribution pipe from TD1 1+085 To Station TD1 1+842 (DN 225mm)	15.00	18-May-16	14-Jul-16
ATA-SD-SDP-1170	Review & Approval of Shop drawing for Distribution pipe from TD1 1+085 To Station TD1 1+842 (DN 225mm)	21.00	06-Jun-16 A	27-Jul-16
Shop drawing submittals for Supply Line 2 (DN 225mm) and Distribution Pipes (315mm)				
ATA-SD-SDP-1060	Prep. & Sub. Shop drawing for Supply and Distribution pipes From TS2 1+000 TO TS2 1+450 (DN 225mm, 315mm)	15.00	18-May-16	14-Jul-16
ATA-SD-SDP-1070	Review & Approval of Shop drawing for Supply and Distribution pipes From TS2 1+000 TO TS2 1+450 (DN 225mm, 315m	21.00	06-Jun-16 A	27-Jul-16
ATA-SD-SDP-1080	Prep. & Sub. Shop drawing for Supply pipes From TS2 1+450 TO TS2 2+000 (DN 225mm)	15.00	18-May-16	14-Jul-16
ATA-SD-SDP-1090	Review & Approval of Shop drawing for Supply pipes From TS2 1+450 TO TS2 2+000 (DN 225mm)	21.00	06-Jun-16 A	27-Jul-16
ATA-SD-SDP-1100	Prep. & Sub. Shop drawing for Supply pipes From TS2 2+000 TO TS2 2+610 (DN 225mm)	15.00	18-May-16	14-Jul-16

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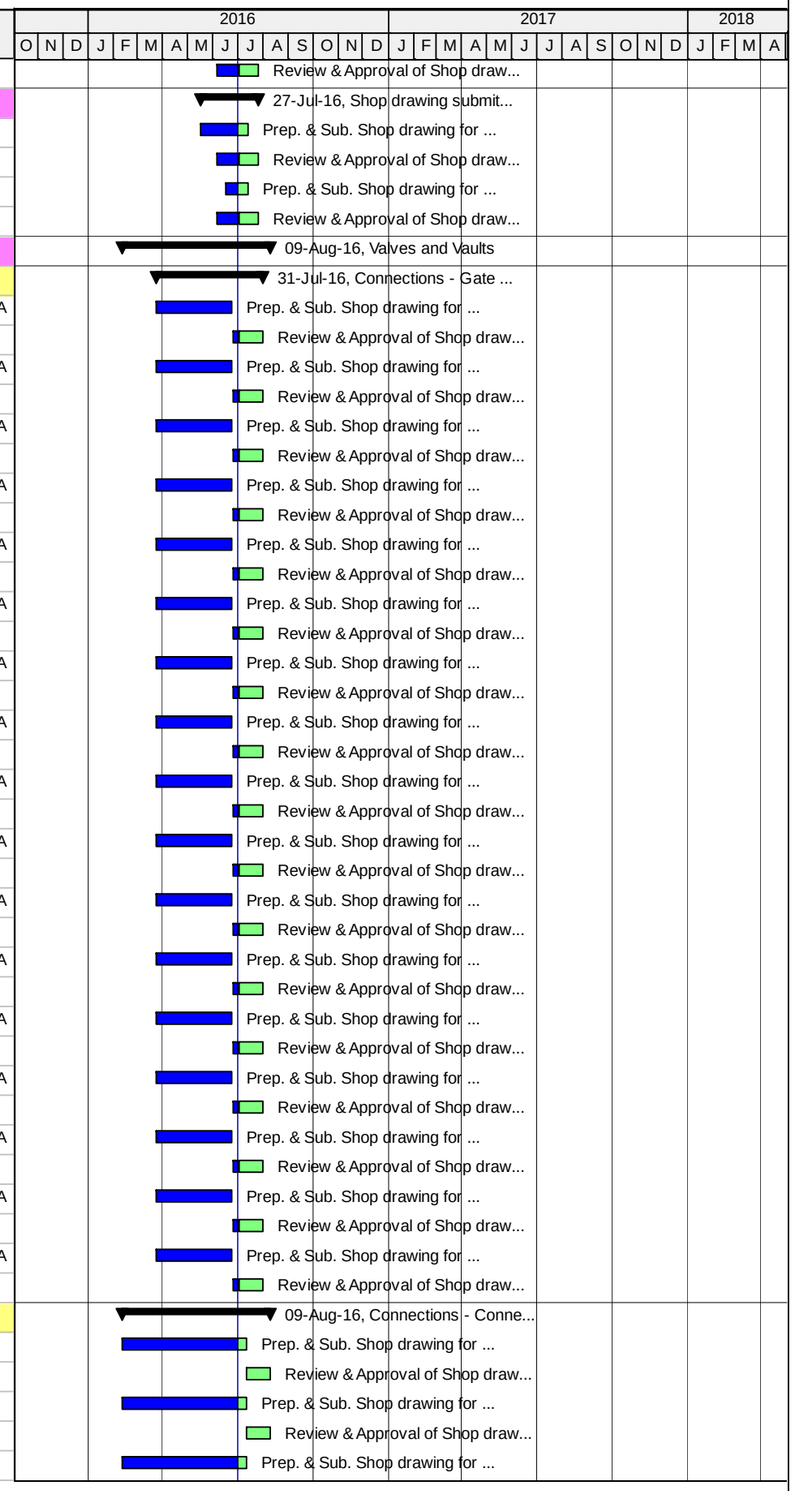
Activity ID	Activity Name	Original Duration	Start	Finish
ATA-SD-SDP-1110	Review & Approval of Shop drawing for Supply pipes From TS2 2+000 TO TS2 2+610 (DN 225mm)	21.00	06-Jun-16 A	27-Jul-16
Shop drawing submittals for Supply Line 3 (DN 280 mm)				
ATA-SD-SDP-1120	Prep. & Sub. Shop drawing for Supply pipes from TS3 1+000 To Station TS3 1+500 (DN 280mm)	15.00	18-May-16	14-Jul-16
ATA-SD-SDP-1130	Review & Approval of Shop drawing for Supply pipes from TS3 1+000 To Station TS3 1+500 (DN 280mm)	21.00	06-Jun-16 A	27-Jul-16
ATA-SD-SDP-1140	Prep. & Sub. Shop drawing for Supply pipes from TS3 1+500 To Station TS3 1+969 (DN 280mm)	15.00	18-Jun-16 A	14-Jul-16
ATA-SD-SDP-1150	Review & Approval of Shop drawing for Supply pipes from TS3 1+500 To Station TS3 1+969 (DN 280mm)	21.00	06-Jun-16 A	27-Jul-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	15.00	24-Mar-16 A	25-Jun-16 A
ATA-SD-SDP-1450	Review & Approval of Shop drawing for Connection # 4-01,Line TD1, Station 1+016 : Complete DN 300mm flanged BFV	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1460	Prep. & Sub. Shop drawing for Connection # 4-02,Line TD1, Station 1+026 : Complete 160mm flanged Gate Valve	15.00	24-Mar-16 A	25-Jun-16 A
ATA-SD-SDP-1470	Review & Approval of Shop drawing for Connection # 4-02,Line TD1, Station 1+026 : Complete 160mm flanged Gate Valve	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1480	Prep. & Sub. Shop drawing for Connection # 5-01,Line TD2, Station 1+486 : Complete DN 100mm flanged Gate Valve	15.00	24-Mar-16 A	25-Jun-16 A
ATA-SD-SDP-1490	Review & Approval of Shop drawing for Connection # 5-01,Line TD2, Station 1+486 : Complete DN 100mm flanged Gate \	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1500	Prep. & Sub. Shop drawing for Connection # 5-02,Line TD2, Station 1+488 : Complete DN 160mm flanged Gate Valve	15.00	24-Mar-16 A	25-Jun-16 A
ATA-SD-SDP-1510	Review & Approval of Shop drawing for Connection # 5-02,Line TD2, Station 1+488 : Complete DN 160mm flanged Gate \	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1520	Prep. & Sub. Shop drawing for Connection # 5-03,Line TD2, Station 1+492 : Complete DN 110mm flanged Gate Valve	15.00	24-Mar-16 A	25-Jun-16 A
ATA-SD-SDP-1530	Review & Approval of Shop drawing for Connection # 5-03,Line TD2, Station 1+492 : Complete DN 110mm flanged Gate V	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1540	Prep. & Sub. Shop drawing for Connection # 3-01,Line TD2, Station 1+915 : Complete DN 160mm flanged Gate Valve	15.00	24-Mar-16 A	25-Jun-16 A
ATA-SD-SDP-1550	Review & Approval of Shop drawing for Connection # 3-01,Line TD2, Station 1+915 : Complete DN 160mm flanged Gate \	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1560	Prep. & Sub. Shop drawing for Connection # 3-02,Line TD2, Station 1+935 : Complete DN 150mm flanged Gate Valve	15.00	24-Mar-16 A	25-Jun-16 A
ATA-SD-SDP-1570	Review & Approval of Shop drawing for Connection # 3-02,Line TD2, Station 1+935 : Complete DN 150mm flanged Gate \	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1580	Prep. & Sub. Shop drawing for Connection # 2-01,Line TS2, Station 1+005 : Complete DN 280mm flanged Gate Valve	15.00	24-Mar-16 A	25-Jun-16 A
ATA-SD-SDP-1590	Review & Approval of Shop drawing for Connection # 2-01,Line TS2, Station 1+005 : Complete DN 280mm flanged Gate V	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1600	Prep. & Sub. Shop drawing for Connection # 2-02,Line TS1, Station 1+619 : Complete DN 225mm flanged Gate Valve	15.00	24-Mar-16 A	25-Jun-16 A
ATA-SD-SDP-1610	Review & Approval of Shop drawing for Connection # 2-02,Line TS1, Station 1+619 : Complete DN 225mm flanged Gate V	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1620	Prep. & Sub. Shop drawing for Connection # 2-03,Line TS1, Station 1+631 : Complete DN 280mm flanged Gate Valve	15.00	24-Mar-16 A	25-Jun-16 A
ATA-SD-SDP-1630	Review & Approval of Shop drawing for Connection # 2-03,Line TS1, Station 1+631 : Complete DN 280mm flanged Gate V	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1640	Prep. & Sub. Shop drawing for Connection # 6,Line TS1, Station 2+876 : Complete DN 150mm flanged Gate Valve	15.00	24-Mar-16 A	25-Jun-16 A
ATA-SD-SDP-1650	Review & Approval of Shop drawing for Connection # 6,Line TS1, Station 2+876 : Complete DN 150mm flanged Gate Valv	21.00	26-Jun-16 A	31-Jul-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	15.00	24-Mar-16 A	25-Jun-16 A
ATA-SD-SDP-1670	Review & Approval of Shop drawing for Connection NEW BL WELL,Line TS1, Sta. 2+961 Complete DN 160mm flanged G	21.00	26-Jun-16 A	31-Jul-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	15.00	24-Mar-16 A	25-Jun-16 A
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	21.00	26-Jun-16 A	31-Jul-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	15.00	24-Mar-16 A	25-Jun-16 A
ATA-SD-SDP-1710	Review & Approval of Shop drawing for Connection #D- 67-02 well, Line TS2, Station 1+474: Complete DN 150mm flange	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1720	Prep. & Sub. Shop drawing for Connection # ASLAN WELL,Line TS2, Station 2+609 : Complete DN 150mm flanged GV	15.00	24-Mar-16 A	25-Jun-16 A
ATA-SD-SDP-1730	Review & Approval of Shop drawing for Connection # ASLAN WELL,Line TS2, Station 2+609 : Complete DN 150mm flang	21.00	26-Jun-16 A	31-Jul-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	15.00	24-Mar-16 A	25-Jun-16 A
ATA-SD-SDP-1750	Review & Approval of Shop drawing for Connection # D-73-01 WELL,Line TS3, Station 1+968 : Complete DN 150mm flan	21.00	26-Jun-16 A	31-Jul-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	15.00	24-Mar-16 A	25-Jun-16 A
ATA-SD-SDP-1770	Review & Approval of Shop drawing for Connection # D-73-02 WELL, Line TS3, Station 1+970 : Complete DN 150mm fla	21.00	26-Jun-16 A	31-Jul-16
Connections - Connections - Pressure Reducing Valves Chambers				
ATA-SD-SDP-1360	Prep. & Sub. Shop drawing for Connection # 1-01, Line TD1, Station 1+825 : Complete DN 150mm flanged PRV	15.00	11-Feb-16 A	11-Jul-16
ATA-SD-SDP-1370	Review & Approval of Shop drawing for Connection # 1-01, Line TD1, Station 1+825 : Complete DN 150mm flanged PRV	21.00	11-Jul-16	09-Aug-16
ATA-SD-SDP-1380	Prep. & Sub. Shop drawing for Connection # 1-02,Line TD1, Station 1+842 : Complete DN 110mm flanged PRV	15.00	11-Feb-16 A	11-Jul-16
ATA-SD-SDP-1390	Review & Approval of Shop drawing for Connection # 1-02,Line TD1, Station 1+842 : Complete DN 110mm flanged PRV	21.00	11-Jul-16	09-Aug-16
ATA-SD-SDP-1400	Prep. & Sub. Shop drawing for Connection A, to be field located: Complete DN 4" flanged PRV	15.00	11-Feb-16 A	11-Jul-16



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Activity ID	Activity Name	Original Duration	Start	Finish
ATA-SD-SDP-1410	Review & Approval of Shop drawing for Connection A, to be field located: Complete DN 4" flanged PRV	21.00	11-Jul-16	09-Aug-16
ATA-SD-SDP-1420	Prep. & Sub. Shop drawing for Connection B, to be field located: Complete DN 6" flanged PRV	15.00	11-Feb-16 A	11-Jul-16
ATA-SD-SDP-1430	Review & Approval of Shop drawing for Connection B, to be field located: Complete DN 6" flanged PRV	21.00	11-Jul-16	09-Aug-16
Combination Air Valve Chambers				
ATA-SD-SDP-1260	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 355mm	5.00	11-Feb-16 A	04-Jul-16
ATA-SD-SDP-1270	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 355mm	21.00	04-Jul-16	07-Aug-16
ATA-SD-SDP-1280	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 325mm	5.00	11-Feb-16 A	04-Jul-16
ATA-SD-SDP-1290	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 325mm	21.00	04-Jul-16	07-Aug-16
ATA-SD-SDP-1300	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 280mm	5.00	11-Feb-16 A	04-Jul-16
ATA-SD-SDP-1310	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 280mm	21.00	04-Jul-16	07-Aug-16
ATA-SD-SDP-1320	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 160mm	5.00	11-Feb-16 A	04-Jul-16
ATA-SD-SDP-1330	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 160mm	21.00	04-Jul-16	07-Aug-16
ATA-SD-SDP-1340	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 225mm	5.00	11-Feb-16 A	04-Jul-16
ATA-SD-SDP-1350	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 225mm	21.00	04-Jul-16	07-Aug-16
Washout Chamber				
ATA-SD-SDP-1180	Prep. & Sub. Shop drawing for DN 100mm washout and its chamber on DN 160mm pipes	15.00	13-Mar-16 A	25-Jun-16 A
ATA-SD-SDP-1190	Review & Approval of Shop drawing for DN 100mm washout and its chamber on DN 160mm pipes	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1200	Prep. & Sub. Shop drawing for DN 160mm washout and its chamber on DN 225mm pipes	15.00	13-Mar-16 A	25-Jun-16 A
ATA-SD-SDP-1210	Review & Approval of Shop drawing for DN 160mm washout and its chamber on DN 225mm pipes	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1220	Prep. & Sub. Shop drawing for DN 225mm washout and its chamber on DN 280mm pipes	15.00	13-Mar-16 A	25-Jun-16 A
ATA-SD-SDP-1230	Review & Approval of Shop drawing for DN 225mm washout and its chamber on DN 280mm pipes	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1240	Prep. & Sub. Shop drawing for DN 225mm washout and its chamber on DN 315mm pipes	15.00	13-Mar-16 A	25-Jun-16 A
ATA-SD-SDP-1250	Review & Approval of Shop drawing for DN 225mm washout and its chamber on DN 315mm pipes	21.00	26-Jun-16 A	31-Jul-16
Shop drawing Submittals for Project 2 - Nuseirat Reservoir and Pumping Facilities				
Shop drawing Submittals for Nuseirat Reservoir and Pumping Facilities				
Shop drawing submittals for Nuseirat Reservoir - 3,800 m3				
NUS-SD-RES-1200	Preparation and Submission of Structural Shop drawing for Nuseirat Reservoir	10.00	13-Dec-15	12-Mar-16 A
NUS-SD-RES-1210	Review & Approval of Structural Shopdrawing for Nuseirat Reservoir	21.00	23-Dec-15	23-Mar-16 A
NUS-SD-RES-1220	Prep. & Sub. of Mechanical shopdrawing for Nuseirat Reservoir	10.00	14-Jan-16 A	12-Jul-16
NUS-SD-RES-1230	Review & Approval of Mechanical shopdrawing for Nuseirat Reservoir	21.00	24-Jan-16 A	27-Jul-16
NUS-SD-RES-1240	Prep. & Sub. of Electrical shopdrawing for Nuseirat Reservoir	15.00	03-Jan-16 A	16-Mar-16 A
NUS-SD-RES-1250	Review & Approval of Electrical shopdrawing for Nuseirat Reservoir	21.00	29-Feb-16 A	23-Mar-16 A
NUS-SD-RES-1280	Review & Approval of Coordination Shop drawing for Nuseirat Reservoir	21.00	14-Aug-16	18-Sep-16
NUS-SD-RES-1290	Prep. & Sub. of Coordination Shop drawing for Nuseirat Reservoir	15.00	27-Jul-16	14-Aug-16
NUS-SD-RES-1300	Preparation and Submission of Formwork Design & Shop Drawing for Nuseirat Reservoir	10.00	21-Jan-16 A	10-Feb-16 A
NUS-SD-RES-1310	Review & Approval of Formwork Design & Shop Drawing for Nuseirat Reservoir	21.00	24-Jan-16 A	28-Feb-16 A
NUS-SD-RES-1320	Preparation and Submission of Float Indicator Location & Details shop Drawing for Nuseirat Reservoir	10.00	12-Jul-16	24-Jul-16
NUS-SD-RES-1330	Review & Approval of Float Indicator Location & Details shop Drawing for Nuseirat Reservoir	21.00	24-Jul-16	22-Aug-16
NUS-SD-RES-1340	Preparation and Submission of Piping Plan & Sections shop Drawing for Nuseirat Reservoir	5.00	14-Jan-16 A	09-Jul-16
NUS-SD-RES-1350	Review & Approval of Piping Plan & Sections shop Drawing for Nuseirat Reservoir	21.00	24-Jan-16 A	27-Jul-16
Shop drawing submittals for Nuseirat Disinfection Building				
NUS-SD-DIS-1120	Preparation and Submission of Structural Shop drawing for Nuseirat Disinfection Building	5.00	05-May-16	06-Jun-16 A
NUS-SD-DIS-1130	Review & Approval of Structural Shopdrawing for Nuseirat Disinfection Building	21.00	15-May-16	12-Jun-16 A
NUS-SD-DIS-1140	Prep. & Sub. of Mechanical - Plumping shopdrawing for Nuseirat Disinfection Building	9.00	01-Feb-16 A	05-Jun-16 A
NUS-SD-DIS-1150	Review & Approval of Mechanical - Plumping shopdrawing for Nuseirat Disinfection Building	21.00	10-Feb-16 A	12-Jun-16 A
NUS-SD-DIS-1160	Prep. & Sub. of Electrical shopdrawing for Nuseirat Disinfection Building	9.00	01-Mar-16 A	24-Apr-16 A
NUS-SD-DIS-1170	Review & Approval of Electrical shopdrawing for Nuseirat Disinfection Building	21.00	08-Mar-16 A	09-May-16
NUS-SD-DIS-1180	Preparation and Submission of HVAC Shop Drawing for Nuseirat Disinfection Building	5.00	02-Jul-16	12-Jul-16

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Activity ID	Activity Name	Original Duration	Start	Finish
NUS-SD-DIS-1190	Review & Approval of HVAC Shop Drawing for Nuseirat Disinfection Building	21.00	12-Jul-16	10-Aug-16
NUS-SD-DIS-1200	Preparation and Submission of Excavation Plan shop Drawing for Nuseirat Disinfection Building	5.00	20-Jan-16 A	21-Mar-16 A
NUS-SD-DIS-1210	Review & Approval of Excavation Plan shop Drawing for Nuseirat Disinfection Building	21.00	01-Feb-16 A	31-Mar-16 A
Shop drawing submittals for Nuseirat Booster Pump Station				
NUS-SD-BP-1140	Preparation and Submission of Structural & Architectural Shopdrawing for Nuseirat Booster Pump Station	5.00	02-Jul-16	12-Jul-16
NUS-SD-BP-1150	Review & Approval of Structural & Architectural Shopdrawing for Nuseirat Booster Pump Station	21.00	12-Jul-16	10-Aug-16
NUS-SD-BP-1160	Prep. & Sub. of Mechanical shopdrawing for Nuseirat Booster Pump Station	9.00	12-Jul-16	23-Jul-16
NUS-SD-BP-1170	Review & Approval of Mechanical shopdrawing for Nuseirat Booster Pump Station	21.00	24-Jul-16	21-Aug-16
NUS-SD-BP-1180	Prep. & Sub. of Electrical shopdrawing for Nuseirat Booster Pump Station	9.00	24-Mar-16 A	24-Apr-16 A
NUS-SD-BP-1190	Review & Approval of Electrical shopdrawing for Nuseirat Booster Pump Station	21.00	03-Apr-16 A	11-May-16
NUS-SD-BP-1200	Review & Approval of Coordination Shop drawing for Nuseirat Booster Pump Station	21.00	28-Aug-16	29-Sep-16
NUS-SD-BP-1210	Prep. & Sub. of Coordination Shop drawing for Nuseirat Booster Pump Station	5.00	22-Aug-16	27-Aug-16
NUS-SD-BP-1220	Preparation and Submission of Flow Meters Mechanical shop drawing for Nuseirat Booster Pump Station	5.00	02-Jul-16	12-Jul-16
NUS-SD-BP-1230	Review & Approval of Flow Meters Mechanical shop drawing for Nuseirat Booster Pump Station	21.00	12-Jul-16	10-Aug-16
NUS-SD-BP-1240	Preparation and Submission of Piping Layout shop Drawing for Nuseirat Booster Pump Station	5.00	02-Jul-16	12-Jul-16
NUS-SD-BP-1250	Review & Approval of Piping Layout shop Drawing for Nuseirat Booster Pump Station	21.00	12-Jul-16	10-Aug-16
NUS-SD-BP-1260	Preparation and Submission of Survey Grid Points for Nuseirat Booster Pump Station (Survey Plan)	9.00	07-Dec-15	07-Dec-15
NUS-SD-BP-1270	Review & Approval of Survey Grid Points for Nuseirat Booster Pump Station (Survey Plan)	21.00	07-Dec-15	28-Dec-15
NUS-SD-BP-1280	Preparation and Submission of Excavation Plan for Nuseirat Booster Pump Station	5.00	20-Jan-16 A	01-Feb-16 A
NUS-SD-BP-1290	Review & Approval of Excavation Plan for Nuseirat Booster Pump Station	21.00	01-Feb-16 A	29-Mar-16 A
NUS-SD-BP-1390	Preparation and Submission of steel structure for Nuseirat pump shed	5.00	10-Aug-16	16-Aug-16
NUS-SD-BP-1400	Review & Approval of steel structure for Nuseirat pump shed	21.00	16-Aug-16	20-Sep-16
Shop drawing submittals for Nuseirat Electrical and Control Building				
NUS-SD-ECB-1100	Preparation and Submission of Structural & Architectural Shopdrawing for Nuseirat Electrical and Control Building	5.00	21-May-16	19-Jun-16 A
NUS-SD-ECB-1110	Review & Approval of Structural & Architectural Shopdrawing for Nuseirat Electrical and Control Building	21.00	06-Jun-16 A	23-Jun-16 A
NUS-SD-ECB-1120	Prep. & Sub. of HVAC-Plumbing shopdrawing for Nuseirat Electrical and Control Building	9.00	06-Mar-16 A	20-Apr-16 A
NUS-SD-ECB-1130	Review & Approval of HVAC-Plumbing shopdrawing for Nuseirat Electrical and Control Building	21.00	17-Mar-16 A	28-Apr-16 A
NUS-SD-ECB-1140	Prep. & Sub. of Electrical shopdrawing for Nuseirat Electrical and Control Building	9.00	09-Mar-16 A	11-Jul-16
NUS-SD-ECB-1150	Review & Approval of Electrical shopdrawing for Nuseirat Electrical and Control Building	21.00	20-Mar-16 A	27-Jul-16
NUS-SD-ECB-1160	Preparation and Submission of Survey Grid Points for Nuseirat Electrical and Control Building (Survey Plan)	9.00	01-Dec-15	07-Dec-15
NUS-SD-ECB-1170	Review & Approval of Survey Grid Points for Nuseirat Electrical and Control Building (Survey Plan)	21.00	07-Dec-15	29-Dec-15
NUS-SD-ECB-1180	Preparation and Submission of Excavation Plan for Nuseirat Electrical and Control Building	5.00	27-Jan-16 A	21-Mar-16 A
NUS-SD-ECB-1190	Review & Approval of Excavation Plan for Nuseirat Electrical and Control Building	21.00	01-Feb-16 A	31-Mar-16 A
Shop drawing submittals for Nuseirat Guard House				
NUS-SD-GH-1100	Preparation and Submission of Structural & Architectural Shopdrawing for Nuseirat Guard House	5.00	16-Apr-16 A	09-Jun-16 A
NUS-SD-GH-1110	Review & Approval of Structural & Architectural Shopdrawing for Nuseirat Guard House	21.00	26-Apr-16 A	16-Jun-16 A
NUS-SD-GH-1120	Prep. & Sub. of HVAC-Plumbing shopdrawing for Nuseirat Guard House	9.00	06-Mar-16 A	01-May-16
NUS-SD-GH-1130	Review & Approval of HVAC-Plumbing shopdrawing for Nuseirat Guard House	21.00	17-Mar-16 A	03-May-16
NUS-SD-GH-1140	Prep. & Sub. of Electrical shopdrawing for Nuseirat Guard House	9.00	05-Mar-16 A	05-May-16
NUS-SD-GH-1150	Review & Approval of Electrical shopdrawing for Nuseirat Guard House	21.00	01-Feb-16 A	15-May-16
Shop drawing submittals for Nuseirat Diesel Generator				
NUS-SD-DG-1020	Preparation and Submission of Shop drawing for Nuseirat Diesel Generator	5.00	02-Jul-16	12-Jul-16
NUS-SD-DG-1030	Review & Approval of Shopdrawing for Nuseirat Diesel Generator	21.00	12-Jul-16	10-Aug-16
Shop drawing submittals for Nuseirat Primary Power and Supply Transformer				
NUS-SD-T-1020	Preparation and Submission of Shop drawing for Nuseirat Primary Power and Supply Transformer	5.00	10-Aug-16	16-Aug-16
NUS-SD-T-1030	Review & Approval of Shopdrawing for Nuseirat Primary Power and Supply Transformer	21.00	16-Aug-16	20-Sep-16
Shop drawing submittals for Nuseirat Site Work - Site Utilities				
NUS-SD-2020	Preparation and Submission of Valve Vault for Nuseirat Reservoir	5.00	27-Jul-16	02-Aug-16

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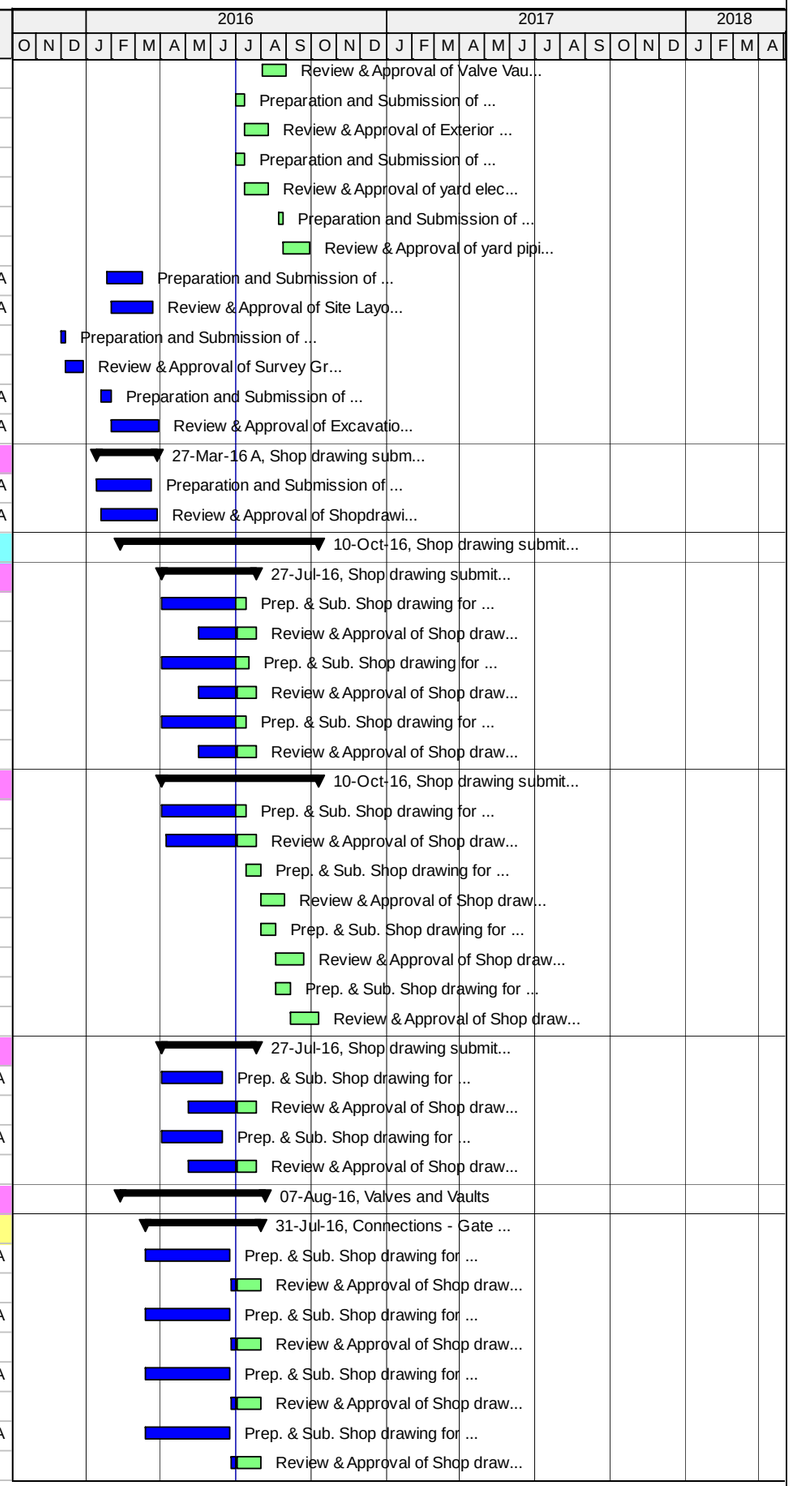
Activity ID	Activity Name	Original Duration	Start	Finish
NUS-SD-2030	Review & Approval of Valve Vault for Nuseirat Reservoir	21.00	02-Aug-16	31-Aug-16
NUS-SD-2040	Preparation and Submission of Exterior Gate for Nuseirat Reservoir	5.00	02-Jul-16	12-Jul-16
NUS-SD-2050	Review & Approval of Exterior Gate for Nuseirat Reservoir	21.00	12-Jul-16	10-Aug-16
NUS-SD-2060	Preparation and Submission of yard electrical work for Nuseirat Reservoir	5.00	02-Jul-16	12-Jul-16
NUS-SD-2070	Review & Approval of yard electrical work for Nuseirat Reservoir	21.00	12-Jul-16	10-Aug-16
NUS-SD-2080	Preparation and Submission of yard piping and Mechanical work for Nuseirat Reservoir	5.00	22-Aug-16	27-Aug-16
NUS-SD-2090	Review & Approval of yard piping and Mechanical work for Nuseirat Reservoir	21.00	28-Aug-16	29-Sep-16
NUS-SD-2100	Preparation and Submission of Site Layout Plan for Nuseirat Reservoir	5.00	26-Jan-16 A	09-Mar-16 A
NUS-SD-2110	Review & Approval of Site Layout Plan for Nuseirat Reservoir	21.00	01-Feb-16 A	22-Mar-16 A
NUS-SD-2120	Preparation and Submission of Survey Grid Points for Nuseirat Reservoir (Survey Plan)	5.00	01-Dec-15	07-Dec-15
NUS-SD-2130	Review & Approval of Survey Grid Points for Nuseirat Reservoir (Survey Plan)	21.00	07-Dec-15	28-Dec-15
NUS-SD-2140	Preparation and Submission of Excavation Plan for Nuseirat Reservoir	5.00	20-Jan-16 A	01-Feb-16 A
NUS-SD-2150	Review & Approval of Excavation Plan for Nuseirat Reservoir	21.00	01-Feb-16 A	29-Mar-16 A
Shop drawing submittals for Nuseirat Retaining Wall				
NUS-SD-RW-1020	Preparation and Submission of Shop Drawing for Nuseirat Retaining wall and Fence wall	15.00	13-Jan-16 A	20-Mar-16 A
NUS-SD-RW-1030	Review & Approval of Shopdrawing for Nuseirat Retaining wall and Fence wall	21.00	19-Jan-16 A	27-Mar-16 A
Shop drawing submittals for Nuseirat Supply & Distribution Pipelines				
Shop drawing submittals for Supply Line 1 & Distribution Line 4				
NUS-SD-SDP-1780	Prep. & Sub. Shop drawing for Supply Line 1 & Dist Pipes from NS1 1+000 to NS1 1+596 (DN 500, 400, 315, 110)mm	15.00	02-Apr-16 A	14-Jul-16
NUS-SD-SDP-1790	Review & Approval of Shop drawing for Supply Line 1 & Dist Pipes from NS1 1+000 to NS1 1+596 (DN 500, 400, 315, 11(	21.00	18-May-16	27-Jul-16
NUS-SD-SDP-1800	Prep. & Sub. Shop drawing for Supply Line NS1 & Dist. Line 4 from NS1 1+596 to NS1 2+226 (NS1-315mm & ND4-300mr	20.00	02-Apr-16 A	18-Jul-16
NUS-SD-SDP-1810	Review & Approval of Shop drawing for Supply Line NS1 & Dist. Line 4 from NS1 1+596 to NS1 2+226 (NS1-315mm & ND	21.00	18-May-16	27-Jul-16
NUS-SD-SDP-1820	Prep. & Sub. Shop drawing for Supply Line NS1 from NS1 2+226 to NS1 2+915.16 (NS1-315mm)	15.00	02-Apr-16 A	14-Jul-16
NUS-SD-SDP-1830	Review & Approval of Shop drawing for Supply Line NS1 from NS1 2+226 to NS1 2+915.16 (NS1-315mm)	21.00	18-May-16	27-Jul-16
Shop drawing submittals for Supply Line 2, Supply Line 3, and Distribution Lines 1 and 2				
NUS-SD-SDP-1840	Prep. & Sub. Shop drawing for Supply Lines & Distribution Lines from NS2 1+020 to NS2 1+283	15.00	02-Apr-16 A	14-Jul-16
NUS-SD-SDP-1850	Review & Approval of Shop drawing for Supply Lines & Distribution Lines from NS2 1+020 to NS2 1+283	21.00	07-Apr-16 A	27-Jul-16
NUS-SD-SDP-1860	Prep. & Sub. Shop drawing for Supply Line NS3 from NS3 1+108 to NS3 1+123 (NS3-110mm)	15.00	14-Jul-16	01-Aug-16
NUS-SD-SDP-1870	Review & Approval of Shop drawing for Supply Line NS3 from NS3 1+108 to NS3 1+123 (NS3-110mm)	21.00	01-Aug-16	30-Aug-16
NUS-SD-SDP-1880	Prep. & Sub. Shop drawing for Distribution Line ND2 from ND2 1+100 to ND2 1+221.17 (ND2-500mm)	15.00	01-Aug-16	18-Aug-16
NUS-SD-SDP-1890	Review & Approval of Shop drawing for Distribution Line ND2 from ND2 1+100 to ND2 1+221.17 (ND2-500mm)	21.00	18-Aug-16	22-Sep-16
NUS-SD-SDP-2560	Prep. & Sub. Shop drawing for Distribution Line ND1 from ND1 1+040 to ND1 1+210.27 (ND1-500mm)	15.00	18-Aug-16	05-Sep-16
NUS-SD-SDP-2570	Review & Approval of Shop drawing for Distribution Line ND1 from ND1 1+040 to ND1 1+210.27 (ND1-500mm)	21.00	05-Sep-16	10-Oct-16
Shop drawing submittals for Supply Line 3				
NUS-SD-SDP-1900	Prep. & Sub. Shop drawing for Distribution Line 3 from ND3 1+000 to ND3 1+608 (ND3 - 355mm)	15.00	02-Apr-16 A	15-Jun-16 A
NUS-SD-SDP-1910	Review & Approval of Shop drawing for Distribution Line 3 from ND3 1+000 to ND3 1+608 (ND3 - 355mm)	21.00	05-May-16	27-Jul-16
NUS-SD-SDP-1920	Prep. & Sub. Shop drawing for Distribution Line 3 from ND3 1+608 to ND3 2+297.53 (ND3 - 280mm)	15.00	02-Apr-16 A	15-Jun-16 A
NUS-SD-SDP-1930	Review & Approval of Shop drawing for Distribution Line 3 from ND3 1+608 to ND3 2+297.53 (ND3 - 280mm)	21.00	05-May-16	27-Jul-16
Valves and Vaults				
Connections - Gate Valves Chambers				
NUS-SD-SDP-2220	Prep. & Sub. Shop drawing for Connection # 5, Line ND3, Station 2+297 : Complete DN 160mm flanged Gate Valve	15.00	13-Mar-16 A	25-Jun-16 A
NUS-SD-SDP-2230	Review & Approval of Shop drawing for Connection # 5, Line ND3, Station 2+297 : Complete DN 160mm flanged Gate Val	21.00	26-Jun-16 A	31-Jul-16
NUS-SD-SDP-2240	Prep. & Sub. Shop drawing for Connection # 1, Line NS1, Station 2+915: Complete DN 280mm flanged Gate Valve	15.00	13-Mar-16 A	25-Jun-16 A
NUS-SD-SDP-2250	Review & Approval of Shop drawing for Connection # 1, Line NS1, Station 2+915: Complete DN 280mm flanged Gate Valv	21.00	26-Jun-16 A	31-Jul-16
NUS-SD-SDP-2260	Prep. & Sub. Shop drawing for Connection # 2, Line NS2, Station 1+282 : Complete DN 280mm flanged Gate Valve	15.00	13-Mar-16 A	25-Jun-16 A
NUS-SD-SDP-2270	Review & Approval of Shop drawing for Connection # 2, Line NS2, Station 1+282 : Complete DN 280mm flanged Gate Val	21.00	26-Jun-16 A	31-Jul-16
NUS-SD-SDP-2280	Prep. & Sub. Shop drawing for Connection # FORQAN well line NS3, Station 1+122 : Complete DN 100mm Gate Valve	15.00	13-Mar-16 A	25-Jun-16 A
NUS-SD-SDP-2290	Review & Approval of Shop drawing for Connection # FORQAN well line NS3, Station 1+122 : Complete DN 100mm Gate	21.00	26-Jun-16 A	31-Jul-16



Actual Work | Critical Remaining Work | Summary
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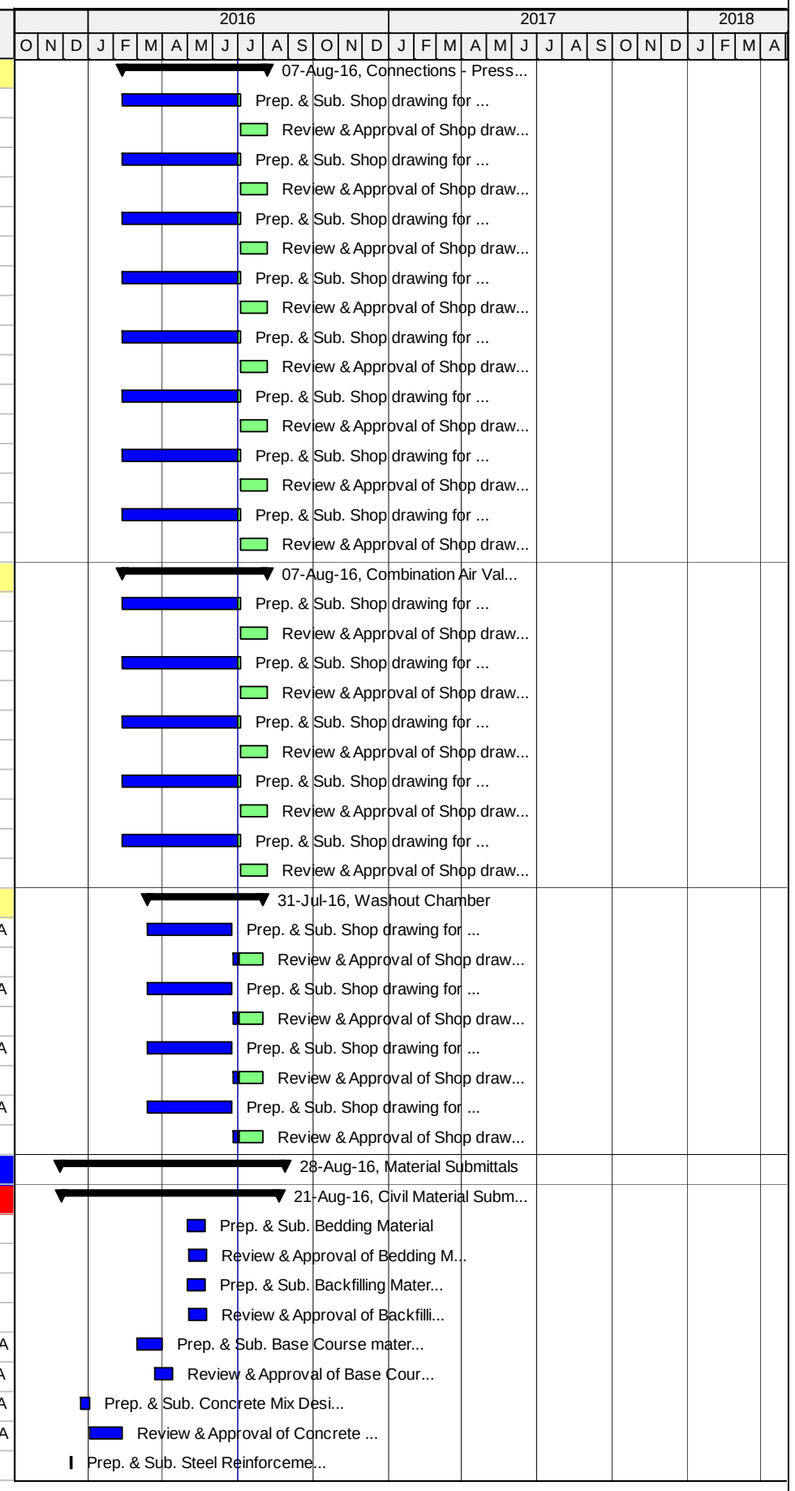
Activity ID	Activity Name	Original Duration	Start	Finish
Connections - Pressure Reducing Valves Chambers				
NUS-SD-SDP-2140	Prep. & Sub. Shop drawing for Connection # 4, Line ND1, Station 1+210 : Complete DN 110mm flanged PRV	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2150	Review & Approval of Shop drawing for Connection # 4, Line ND1, Station 1+210 : Complete DN 110mm flanged PRV	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2160	Prep. & Sub. Shop drawing for Connection # 9, Line ND1, Station 1+145 : Complete DN 110mm flanged PRV	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2170	Review & Approval of Shop drawing for Connection # 9, Line ND1, Station 1+145 : Complete DN 110mm flanged PRV	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2180	Prep. & Sub. Shop drawing for Connection # 3, Line ND3, Station 1+000 : Complete DN 160mm flanged PRV	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2190	Review & Approval of Shop drawing for Connection # 3, Line ND3, Station 1+000 : Complete DN 160mm flanged PRV	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2200	Prep. & Sub. Shop drawing for Connection # 7, Line ND3, Station 1+616 : Complete 160mm flanged PRV	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2210	Review & Approval of Shop drawing for Connection # 7, Line ND3, Station 1+616 : Complete 160mm flanged PRV	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2580	Prep. & Sub. Shop drawing for Connection # 8, Line ND3, Station 1+815 : Complete DN 150mm flanged PRV	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2590	Review & Approval of Shop drawing for Connection # 8, Line ND3, Station 1+815 : Complete DN 150mm flanged PRV	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2600	Prep. & Sub. Shop drawing for Connection # 10, Line ND4, Station 1+590 : Complete DN 110mm flanged PRV	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2610	Review & Approval of Shop drawing for Connection # 10, Line ND4, Station 1+590 : Complete DN 110mm flanged PRV	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2620	Prep. & Sub. Shop drawing for Connection # 6-01,Line ND4, Station 2+225: Complete DN 160mm flanged PRV	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2630	Review & Approval of Shop drawing for Connection # 6-01,Line ND4, Station 2+225: Complete DN 160mm flanged PRV	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2640	Prep. & Sub. Shop drawing for Connection # 6+02,Line ND4, Station 2+230 : Complete DN 160mm flanged PRV	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2650	Review & Approval of Shop drawing for Connection # 6+02,Line ND4, Station 2+230 : Complete DN 160mm flanged PRV	21.00	04-Jul-16	07-Aug-16
Combination Air Valve Chambers				
NUS-SD-SDP-2040	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 500mm	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2050	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 500mm	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2060	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 400mm	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2070	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 400mm	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2080	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 355mm	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2090	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 355mm	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2100	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 315mm	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2110	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 315mm	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2120	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 280mm	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2130	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 280mm	21.00	04-Jul-16	07-Aug-16
Washout Chamber				
NUS-SD-SDP-1960	Prep. & Sub. Shop drawing for DN 200mm washout and its chamber on DN 2800mm pipes	5.00	13-Mar-16 A	25-Jun-16 A
NUS-SD-SDP-1970	Review & Approval of Shop drawing for DN 200mm washout and its chamber on DN 280mm pipes	21.00	26-Jun-16 A	31-Jul-16
NUS-SD-SDP-1980	Prep. & Sub. Shop drawing for DN 200mm washout and its chamber on DN 315mm pipes	5.00	13-Mar-16 A	25-Jun-16 A
NUS-SD-SDP-1990	Review & Approval of Shop drawing for DN 200mm washout and its chamber on DN 315mm pipes	21.00	26-Jun-16 A	31-Jul-16
NUS-SD-SDP-2000	Prep. & Sub. Shop drawing for DN 200mm washout and its chamber on DN 400mm pipes	5.00	13-Mar-16 A	25-Jun-16 A
NUS-SD-SDP-2010	Review & Approval of Shop drawing for DN 200mm washout and its chamber on DN 400mm pipes	21.00	26-Jun-16 A	31-Jul-16
NUS-SD-SDP-2020	Prep. & Sub. Shop drawing for DN 250mm washout and its chamber on DN 500mm pipes	5.00	13-Mar-16 A	25-Jun-16 A
NUS-SD-SDP-2030	Review & Approval of Shop drawing for DN 250mm washout and its chamber on DN 500mm pipes	21.00	26-Jun-16 A	31-Jul-16
Material Submittals				
Civil Material Submittals				
GAZI-CMS-1000	Prep. & Sub. Bedding Material	5.00	01-May-16	22-May-16
GAZI-CMS-1010	Review & Approval of Bedding Material	21.00	03-May-16	24-May-16
GAZI-CMS-1020	Prep. & Sub. Backfilling Material	5.00	01-May-16	22-May-16
GAZI-CMS-1030	Review & Approval of Backfilling Material	21.00	03-May-16	24-May-16
GAZI-CMS-1040	Prep. & Sub. Base Course material	5.00	01-Mar-16 A	31-Mar-16 A
GAZI-CMS-1050	Review & Approval of Base Course material	21.00	23-Mar-16 A	14-Apr-16 A
GAZI-CMS-1060	Prep. & Sub. Concrete Mix Design	28.00	24-Dec-15	03-Jan-16 A
GAZI-CMS-1070	Review & Approval of Concrete Mix Design	21.00	03-Jan-16 A	11-Feb-16 A
GAZI-CMS-1080	Prep. & Sub. Steel Reinforcement	5.00	10-Dec-15	13-Dec-15



Actual Work | Critical Remaining Work | Summary | Remaining Work | Milestone

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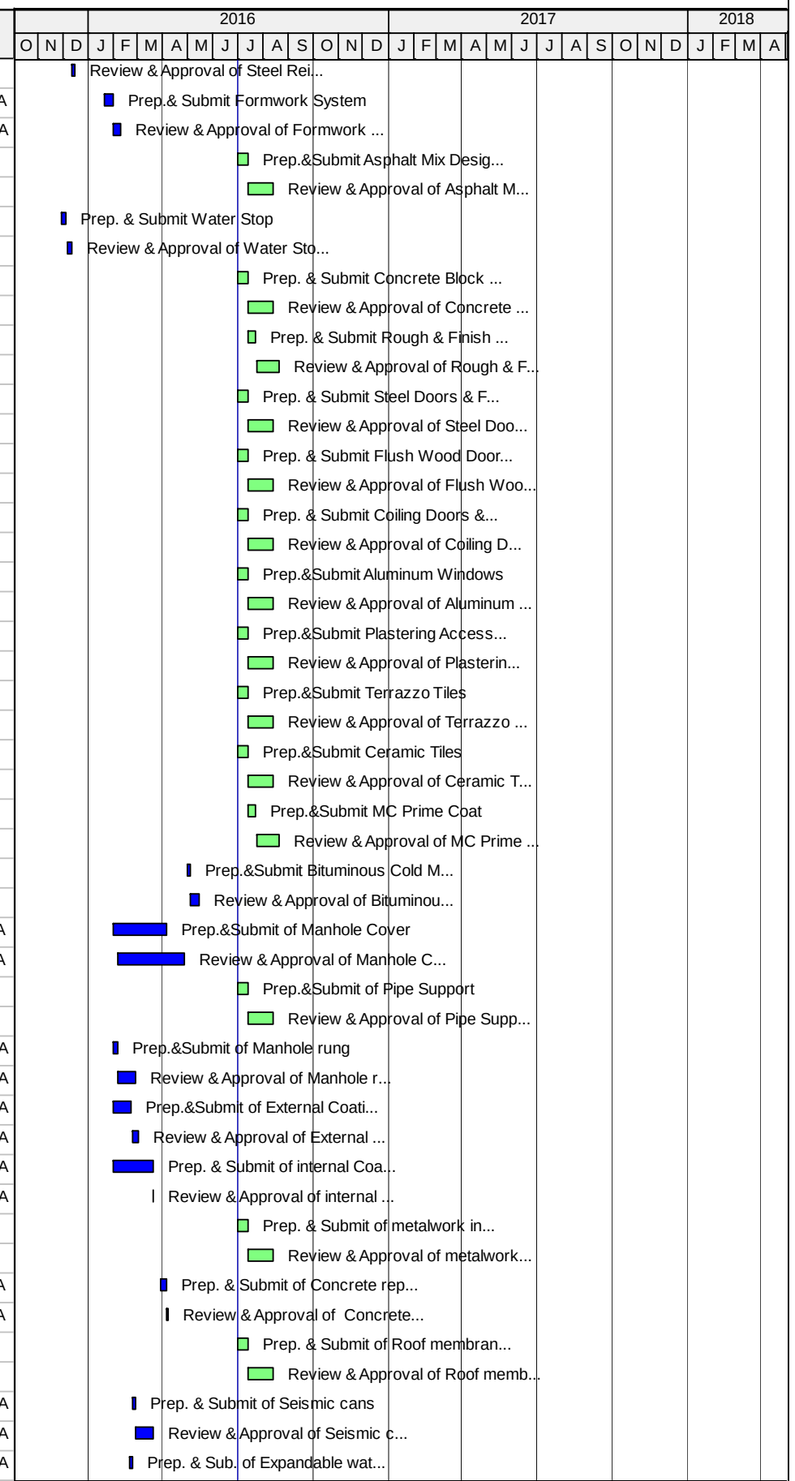
TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package I

03-Jul-16 10:31

Activity ID	Activity Name	Original Duration	Start	Finish
GAZI-CMS-1090	Review & Approval of Steel Reinforcement	21.00	13-Dec-15	15-Dec-15
GAZI-CMS-1100	Prep.& Submit Formwork System	7.00	21-Jan-16 A	31-Jan-16 A
GAZI-CMS-1110	Review & Approval of Formwork System	21.00	31-Jan-16 A	10-Feb-16 A
GAZI-CMS-1115	Prep.&Submit Asphalt Mix Design	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1116	Review & Approval of Asphalt Mix Design	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1120	Prep. & Submit Water Stop	7.00	30-Nov-15	05-Dec-15
GAZI-CMS-1130	Review & Approval of Water Stop	21.00	06-Dec-15	13-Dec-15
GAZI-CMS-1140	Prep. & Submit Concrete Block Masonary	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1150	Review & Approval of Concrete Block Masonary	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1160	Prep. & Submit Rough & Finish Carpentary	7.00	14-Jul-16	23-Jul-16
GAZI-CMS-1170	Review & Approval of Rough & Finish Carpentary	21.00	24-Jul-16	21-Aug-16
GAZI-CMS-1180	Prep. & Submit Steel Doors & Frames	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1190	Review & Approval of Steel Doors & Frames	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1200	Prep. & Submit Flush Wood Doors	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1210	Review & Approval of Flush Wood Doors	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1220	Prep. & Submit Coiling Doors & Grilles	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1230	Review & Approval of Coiling Doors & Grilles	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1240	Prep.&Submit Aluminum Windows	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1250	Review & Approval of Aluminum Windows	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1260	Prep.&Submit Plastering Accessories	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1270	Review & Approval of Plastering Accessories	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1280	Prep.&Submit Terrazzo Tiles	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1290	Review & Approval of Terrazzo Tiles	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1300	Prep.&Submit Ceramic Tiles	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1310	Review & Approval of Ceramic Tiles	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1340	Prep.&Submit MC Prime Coat	7.00	14-Jul-16	23-Jul-16
GAZI-CMS-1350	Review & Approval of MC Prime Coat	21.00	24-Jul-16	21-Aug-16
GAZI-CMS-1360	Prep.&Submit Bituminous Cold Material	7.00	01-May-16	04-May-16
GAZI-CMS-1370	Review & Approval of Bituminous Cold Material	21.00	04-May-16	15-May-16
GAZI-CMS-1380	Prep.&Submit of Manhole Cover	7.00	01-Feb-16 A	06-Apr-16 A
GAZI-CMS-1390	Review & Approval of Manhole Cover	21.00	07-Feb-16 A	28-Apr-16 A
GAZI-CMS-1400	Prep.&Submit of Pipe Support	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1410	Review & Approval of Pipe Support	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1420	Prep.&Submit of Manhole rung	7.00	01-Feb-16 A	07-Feb-16 A
GAZI-CMS-1430	Review & Approval of Manhole rung	21.00	07-Feb-16 A	28-Feb-16 A
GAZI-CMS-1440	Prep.&Submit of External Coating for reservoir	7.00	01-Feb-16 A	23-Feb-16 A
GAZI-CMS-1450	Review & Approval of External Coating for reservoir	21.00	24-Feb-16 A	03-Mar-16 A
GAZI-CMS-1460	Prep. & Submit of internal Coating for reservoir and other Buildings	7.00	01-Feb-16 A	20-Mar-16 A
GAZI-CMS-1470	Review & Approval of internal Coating for reservoir and Building	21.00	20-Mar-16 A	21-Mar-16 A
GAZI-CMS-1480	Prep. & Submit of metalwork including hatches, vents, ladders, railings, grating, etc.	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1490	Review & Approval of metalwork including hatches, vents, ladders, railings, grating, etc.	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1520	Prep. & Submit of Concrete repair materials, injection and joint sealant	7.00	30-Mar-16 A	06-Apr-16 A
GAZI-CMS-1530	Review & Approval of Concrete repair materials, injection and joint sealant	21.00	06-Apr-16 A	07-Apr-16 A
GAZI-CMS-1540	Prep. & Submit of Roof membrane	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1550	Review & Approval of Roof membrane	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1560	Prep. & Submit of Seismic cans	7.00	25-Feb-16 A	28-Feb-16 A
GAZI-CMS-1570	Review & Approval of Seismic cans	21.00	28-Feb-16 A	21-Mar-16 A
GAZI-MMS-3100	Prep. & Sub. of Expandable water stop.	15.00	20-Feb-16 A	25-Feb-16 A



Actual Work
Critical Remaining Work
Summary
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Milestone

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Activity ID	Activity Name	Original Duration	Start	Finish
GAZI-MMS-3110	Review & Approval of Expandable water stop.	21.00	25-Feb-16 A	02-Mar-16 A
Mechanical Material Submittals				
GAZI-MMS-1000	Prep. & Sub. of Water Pipes and Fittings (500mm, 400mm, 355mm, 315mm, 280mm, 160mm, 110mm etc)	15.00	06-Dec-15	14-Jan-16 A
GAZI-MMS-1010	Review & Approval of of Water Pipes and Fittings (500mm, 400mm, 355mm, 315mm, 280mm, 160mm, 110mm etc)	21.00	14-Jan-16 A	27-Jan-16 A
GAZI-MMS-1030a	Prep. & Sub. Al Atatrah Booster Pump - First Submission	19.00	02-Jan-16 A	11-Jan-16 A
GAZI-MMS-1030b	Review & Approval of Al Atatrah Booster Pump - First Submission	21.00	11-Jan-16 A	31-Jan-16 A
GAZI-MMS-1030c	Prep. & Sub. Al Atatrah Booster Pump - Second Submission	19.00	10-Mar-16 A	26-Jun-16 A
GAZI-MMS-1030d	Review & Approval of Al Atatrah Booster Pump - Second Submission	21.00	20-Mar-16 A	13-Jul-16
GAZI-MMS-1035a	Prep. & Sub. Nuseirat Booster Pump - First Submission	19.00	02-Jan-16 A	12-Jan-16 A
GAZI-MMS-1035b	Review & Approval of Nuseirat Booster Pump - First Submission	21.00	12-Jan-16 A	31-Jan-16 A
GAZI-MMS-1035c	Prep. & Sub. Nuseirat Booster Pump - Second Submission	19.00	10-Mar-16 A	26-Jun-16 A
GAZI-MMS-1035d	Review & Approval of Nuseirat Booster Pump - Second Submission	21.00	20-Mar-16 A	13-Jul-16
GAZI-MMS-1040	Prep. & Sub. Butterfly Valve	5.00	02-Dec-15	24-Feb-16 A
GAZI-MMS-1050	Review & Approval of Butterfly Valve	21.00	24-Feb-16 A	29-Feb-16 A
GAZI-MMS-1060	Prep. & Sub. Gate Valve - 2", 3" & 4"	10.00	03-Dec-15	26-Jan-16 A
GAZI-MMS-1070	Review & Approval of Gate Valve - 2", 3" & 4"	21.00	26-Jan-16 A	14-Feb-16 A
GAZI-MMS-1080	Prep. & Sub. Combination Air Valve	5.00	10-Dec-15	13-Jan-16 A
GAZI-MMS-1090	Review & Approval of Combination Air Valve	21.00	13-Jan-16 A	28-Jan-16 A
GAZI-MMS-1100	Prep. & Sub. Check Valve	5.00	25-Jan-16 A	28-Jan-16 A
GAZI-MMS-1110	Review & Approval of Check Valve	21.00	28-Jan-16 A	11-Feb-16 A
GAZI-MMS-1120	Prep. & Sub. Flow Control Valve	5.00	02-Jul-16	12-Jul-16
GAZI-MMS-1130	Review & Approval of Flow Control Valve	21.00	12-Jul-16	10-Aug-16
GAZI-MMS-1140	Prep. & Sub. Pressure Reducing Valve	5.00	20-Feb-16 A	19-Jun-16 A
GAZI-MMS-1150	Review & Approval of Pressure Reducing Valve	21.00	29-Feb-16 A	20-Jul-16
GAZI-MMS-1160	Prep. & Sub. Strainer	5.00	13-Dec-15	21-Jan-16 A
GAZI-MMS-1170	Review & Approval of Strainer	21.00	22-Dec-15	26-Jan-16 A
GAZI-MMS-1180	Prep. & Sub. Dismantling Joint	5.00	10-Jan-16 A	23-Jan-16 A
GAZI-MMS-1190	Review & Approval of Dismantling Joint	21.00	24-Jan-16 A	03-Feb-16 A
GAZI-MMS-1200	Prep. & Sub. Pipe Fittings (elbows, reducers, tees, etc.)	5.00	03-Dec-15	14-Jan-16 A
GAZI-MMS-1210	Review & Approval of Pipe Fittings (elbows, reducers, tees, etc.)	21.00	06-Dec-15	27-Jan-16 A
GAZI-MMS-1220	Prep. & Sub. Flange Gasket	5.00	01-Feb-16 A	25-Feb-16 A
GAZI-MMS-1230	Review & Approval of Flange Gasket	21.00	02-Feb-16 A	02-Mar-16 A
GAZI-MMS-1240	Prep. & Sub. Pressure Gauges & Snubbers	5.00	20-Dec-15	09-Jul-16
GAZI-MMS-1250	Review & Approval of Pressure Gauges & Snubbers	21.00	22-Dec-15	27-Jul-16
GAZI-MMS-1260	Prep. & Sub. Ball Valves DN50 & Smaller	5.00	08-Dec-15	15-Dec-15
GAZI-MMS-1270	Review & Approval of Ball Valves DN50 & Smaller	21.00	16-Dec-15	30-Dec-15
GAZI-MMS-1280	Prep. & Sub. Bolts, washers, and nuts	5.00	20-Apr-16 A	05-Jun-16 A
GAZI-MMS-1290	Review & Approval of Bolts, washers, and nuts	21.00	26-May-16	06-Jun-16 A
GAZI-MMS-1340	Prep. & Sub. Gate Valve - 6", 8" & 10"	10.00	05-Dec-15	28-Jan-16 A
GAZI-MMS-1350	Review & Approval of Gate Valve - 6", 8" & 10"	21.00	14-Dec-15	14-Feb-16 A
GAZI-MMS-1360	Prep. & Sub. Mechanical Coupling	10.00	13-Jan-16 A	15-May-16
GAZI-MMS-1370	Review & Approval of Mechanical Coupling	21.00	31-Jan-16 A	18-May-16
GAZI-MMS-1380	Prep. & Sub. Perforated Pipes	5.00	28-Nov-15	03-Dec-15
GAZI-MMS-1390	Review & Approval of Perforated Pipes	21.00	06-Dec-15	16-Dec-15
GAZI-MMS-1400	Prep. & Sub. Float Control Valve	15.00	30-Jan-16 A	26-Jun-16 A
GAZI-MMS-1410	Review & Approval of Float Control Valve	21.00	02-Feb-16 A	31-Jul-16
GAZI-MMS-1420	Prep. & Sub. Booster Pump Control Valves	15.00	20-Feb-16 A	26-Jun-16 A
GAZI-MMS-1430	Review & Approval of Booster Pump Control Valves	21.00	24-Feb-16 A	31-Jul-16

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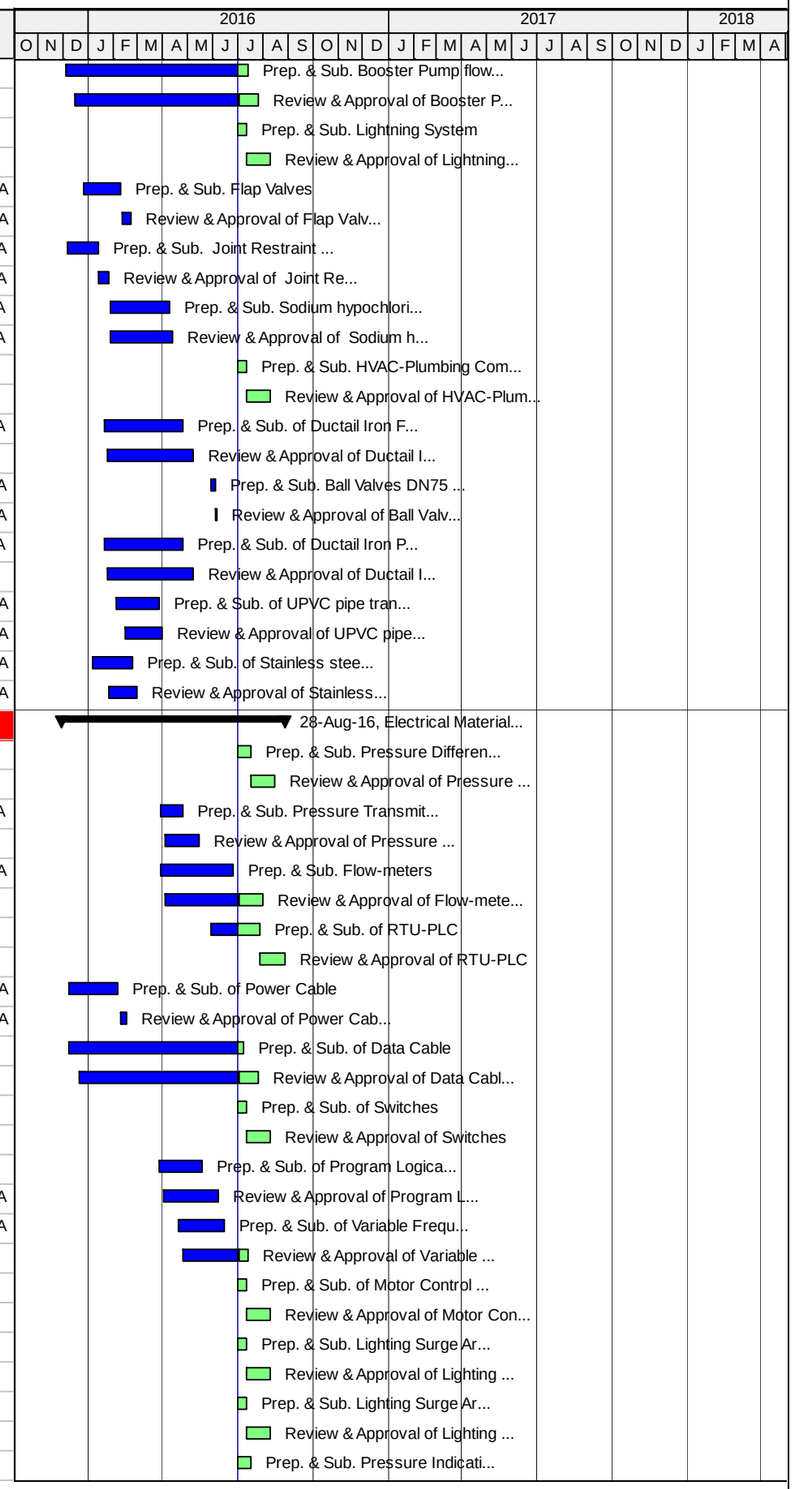
Activity ID	Activity Name	Original Duration	Start	Finish
GAZI-MMS-1440	Prep. & Sub. Booster Pump flow meter	15.00	05-Dec-15	14-Jul-16
GAZI-MMS-1450	Review & Approval of Booster Pump flow meter	21.00	15-Dec-15	27-Jul-16
GAZI-MMS-1520	Prep. & Sub. Lightning System	5.00	02-Jul-16	12-Jul-16
GAZI-MMS-1530	Review & Approval of Lightning System	21.00	12-Jul-16	10-Aug-16
GAZI-MMS-1600	Prep. & Sub. Flap Valves	5.00	27-Dec-15	10-Feb-16 A
GAZI-MMS-1610	Review & Approval of Flap Valves	21.00	11-Feb-16 A	23-Feb-16 A
GAZI-MMS-1611	Prep. & Sub. Joint Restraint fitting for UPVC Pipe and fitting,	5.00	06-Dec-15	14-Jan-16 A
GAZI-MMS-1612	Review & Approval of Joint Restraint fitting for UPVC Pipe and fitting	21.00	14-Jan-16 A	27-Jan-16 A
GAZI-MMS-1613	Prep. & Sub. Sodium hypochlorite system	5.00	28-Jan-16 A	10-Apr-16 A
GAZI-MMS-1614	Review & Approval of Sodium hypochlorite system	21.00	28-Jan-16 A	13-Apr-16 A
GAZI-MMS-1615	Prep. & Sub. HVAC-Plumbing Component	5.00	02-Jul-16	12-Jul-16
GAZI-MMS-1616	Review & Approval of HVAC-Plumbing Component	21.00	12-Jul-16	10-Aug-16
GAZI-MMS-1626	Prep. & Sub. of Ductail Iron Fittings	5.00	21-Jan-16 A	26-Apr-16 A
GAZI-MMS-1636	Review & Approval of Ductail Iron Fittings	21.00	24-Jan-16 A	09-May-16
GAZI-MMS-1646	Prep. & Sub. Ball Valves DN75 & Larger	15.00	30-May-16	05-Jun-16 A
GAZI-MMS-1656	Review & Approval of Ball Valves DN75 & Larger	21.00	05-Jun-16 A	07-Jun-16 A
GAZI-MMS-1666	Prep. & Sub. of Ductail Iron Pipes for Booster Pump	5.00	21-Jan-16 A	26-Apr-16 A
GAZI-MMS-1676	Review & Approval of Ductail Iron Pipes for Booster Pump	21.00	24-Jan-16 A	09-May-16
GAZI-MMS-1686	Prep. & Sub. of UPVC pipe transition adapters	15.00	05-Feb-16 A	27-Mar-16 A
GAZI-MMS-1696	Review & Approval of UPVC pipe transition adapters	21.00	15-Feb-16 A	31-Mar-16 A
GAZI-MMS-1706	Prep. & Sub. of Stainless steel pipes and fitting	15.00	07-Jan-16 A	24-Feb-16 A
GAZI-MMS-1716	Review & Approval of Stainless steel pipes and fitting	21.00	27-Jan-16 A	29-Feb-16 A
Electrical Material Submittals				
GAZI-EMS-100	Prep. & Sub. Pressure Differential switches	9.00	02-Jul-16	17-Jul-16
GAZI-EMS-110	Review & Approval of Pressure differential switches	21.00	17-Jul-16	15-Aug-16
GAZI-EMS-180	Prep. & Sub. Pressure Transmitters	5.00	30-Mar-16 A	26-Apr-16 A
GAZI-EMS-190	Review & Approval of Pressure Transmitters	21.00	04-Apr-16 A	15-May-16
GAZI-EMS-200	Prep. & Sub. Flow-meters	5.00	30-Mar-16 A	26-Jun-16 A
GAZI-EMS-210	Review & Approval of Flow-meters	21.00	04-Apr-16 A	31-Jul-16
GAZI-EMS-220	Prep. & Sub. of RTU-PLC	20.00	30-May-16	28-Jul-16
GAZI-EMS-230	Review & Approval of RTU-PLC	21.00	28-Jul-16	28-Aug-16
GAZI-EMS-260	Prep. & Sub. of Power Cable	5.00	09-Dec-15	07-Feb-16 A
GAZI-EMS-270	Review & Approval of Power Cable	21.00	09-Feb-16 A	17-Feb-16 A
GAZI-EMS-280	Prep. & Sub. of Data Cable	5.00	09-Dec-15	09-Jul-16
GAZI-EMS-290	Review & Approval of Data Cable	21.00	22-Dec-15	27-Jul-16
GAZI-EMS-320	Prep. & Sub. of Switches	5.00	02-Jul-16	12-Jul-16
GAZI-EMS-330	Review & Approval of Switches	21.00	12-Jul-16	10-Aug-16
GAZI-EMS-340	Prep. & Sub. of Program Logical Controller (PLC) Panel For Booster Station.	5.00	28-Mar-16 A	19-May-16
GAZI-EMS-350	Review & Approval of Program Logical Controller (PLC) Panel For Booster Station.	21.00	03-Apr-16 A	09-Jun-16 A
GAZI-EMS-360	Prep. & Sub. of Variable Frequency Drives (VFD)	5.00	20-Apr-16 A	15-Jun-16 A
GAZI-EMS-370	Review & Approval of Variable Frequency Drives (VFD)	21.00	25-Apr-16 A	14-Jul-16
GAZI-EMS-420	Prep. & Sub. of Motor Control Centers (MCC)	5.00	02-Jul-16	12-Jul-16
GAZI-EMS-430	Review & Approval of Motor Control Centers (MCC)	21.00	12-Jul-16	10-Aug-16
GAZI-EMS-480	Prep. & Sub. Lighting Surge Arrestor	5.00	02-Jul-16	12-Jul-16
GAZI-EMS-490	Review & Approval of Lighting Surge Arrestor	21.00	12-Jul-16	10-Aug-16
GAZI-EMS-500	Prep. & Sub. Lighting Surge Arrestor Cabinet	5.00	02-Jul-16	12-Jul-16
GAZI-EMS-510	Review & Approval of Lighting Surge Arrestor Cabinet	21.00	12-Jul-16	10-Aug-16
GAZI-EMS-520	Prep. & Sub. Pressure Indicating Transmitter	9.00	02-Jul-16	17-Jul-16



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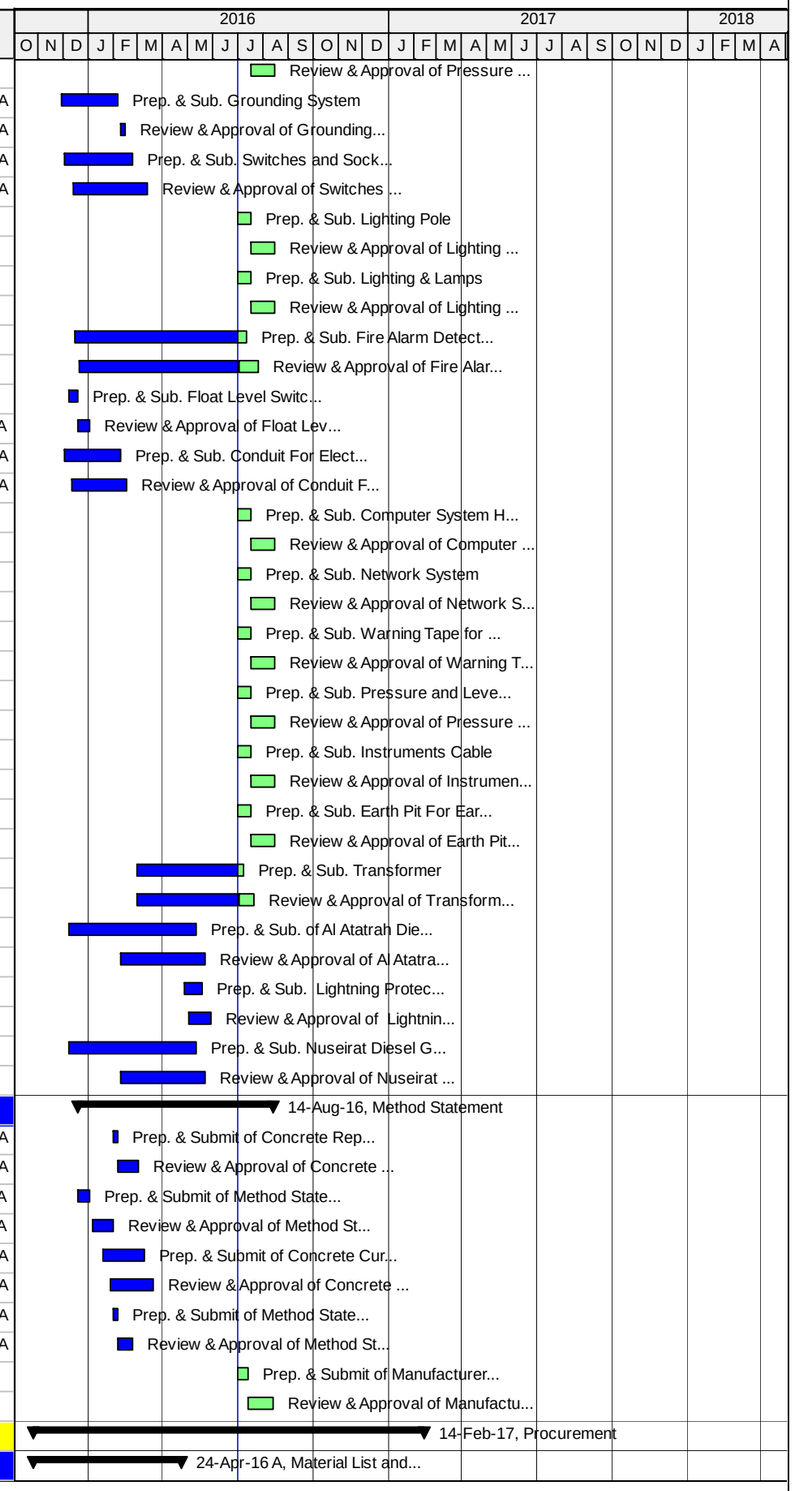
Activity ID	Activity Name	Original Duration	Start	Finish
GAZI-EMS-530	Review & Approval of Pressure Indicating Transmitter	21.00	17-Jul-16	15-Aug-16
GAZI-EMS-540	Prep. & Sub. Grounding System	9.00	30-Nov-15	07-Feb-16 A
GAZI-EMS-550	Review & Approval of Grounding System	21.00	09-Feb-16 A	16-Feb-16 A
GAZI-EMS-560	Prep. & Sub. Switches and Sockets	9.00	04-Dec-15	24-Feb-16 A
GAZI-EMS-570	Review & Approval of Switches and Sockets	21.00	14-Dec-15	14-Mar-16 A
GAZI-EMS-580	Prep. & Sub. Lighting Pole	9.00	02-Jul-16	17-Jul-16
GAZI-EMS-590	Review & Approval of Lighting Pole	21.00	17-Jul-16	15-Aug-16
GAZI-EMS-600	Prep. & Sub. Lighting & Lamps	9.00	02-Jul-16	17-Jul-16
GAZI-EMS-610	Review & Approval of Lighting & Lamps	21.00	17-Jul-16	15-Aug-16
GAZI-EMS-620	Prep. & Sub. Fire Alarm Detection	9.00	16-Dec-15	11-Jul-16
GAZI-EMS-630	Review & Approval of Fire Alarm Detection	21.00	22-Dec-15	27-Jul-16
GAZI-EMS-640	Prep. & Sub. Float Level Switch	9.00	09-Dec-15	19-Dec-15
GAZI-EMS-650	Review & Approval of Float Level Switch	21.00	20-Dec-15	03-Jan-16 A
GAZI-EMS-660	Prep. & Sub. Conduit For Electrical Work	9.00	03-Dec-15	09-Feb-16 A
GAZI-EMS-670	Review & Approval of Conduit For Electrical Work	21.00	13-Dec-15	17-Feb-16 A
GAZI-EMS-680	Prep. & Sub. Computer System Hardware	9.00	02-Jul-16	17-Jul-16
GAZI-EMS-690	Review & Approval of Computer System Hardware	21.00	17-Jul-16	15-Aug-16
GAZI-EMS-700	Prep. & Sub. Network System	9.00	02-Jul-16	17-Jul-16
GAZI-EMS-710	Review & Approval of Network System	21.00	17-Jul-16	15-Aug-16
GAZI-EMS-720	Prep. & Sub. Warning Tape for Electrical Work	9.00	02-Jul-16	17-Jul-16
GAZI-EMS-730	Review & Approval of Warning Tape for Electrical Work	21.00	17-Jul-16	15-Aug-16
GAZI-EMS-740	Prep. & Sub. Pressure and Level Instrument	9.00	02-Jul-16	17-Jul-16
GAZI-EMS-750	Review & Approval of Pressure and Level Instrument	21.00	17-Jul-16	15-Aug-16
GAZI-EMS-760	Prep. & Sub. Instruments Cable	9.00	02-Jul-16	17-Jul-16
GAZI-EMS-770	Review & Approval of Instruments Cable	21.00	17-Jul-16	15-Aug-16
GAZI-EMS-780	Prep. & Sub. Earth Pit For Earthing Electrode - With Sample.	9.00	02-Jul-16	17-Jul-16
GAZI-EMS-790	Review & Approval of Earth Pit For Earthing Electrode - With Sample.	21.00	17-Jul-16	15-Aug-16
GAZI-EMS-800	Prep. & Sub. Transformer	9.00	29-Feb-16 A	09-Jul-16
GAZI-EMS-810	Review & Approval of Transformer	21.00	29-Feb-16 A	21-Jul-16
GAZI-EMS-820	Prep. & Sub. of Al Atatrah Diesel Generator (250 KW)	9.00	08-Dec-15	12-May-16
GAZI-EMS-830	Review & Approval of Al Atatrah Diesel Generator (250 KW)	21.00	10-Feb-16 A	23-May-16
GAZI-EMS-840	Prep. & Sub. Lightning Protection System	9.00	27-Apr-16 A	19-May-16
GAZI-EMS-850	Review & Approval of Lightning Protection System	21.00	03-May-16	30-May-16
GAZI-EMS-860	Prep. & Sub. Nuseirat Diesel Generator (300KW)	9.00	08-Dec-15	12-May-16
GAZI-EMS-870	Review & Approval of Nuseirat Diesel Generator (300KW)	21.00	10-Feb-16 A	23-May-16
Method Statement				
GAZI-MS-1500	Prep. & Submit of Concrete Repair Method Statement	7.00	01-Feb-16 A	07-Feb-16 A
GAZI-MS-1510	Review & Approval of Concrete Repair Method Statement	21.00	07-Feb-16 A	02-Mar-16 A
GAZI-MS-1520	Prep. & Submit of Method Statement for Demolition of Al Atatrah Elevated Reservoir	20.00	20-Dec-15	03-Jan-16 A
GAZI-MS-1530	Review & Approval of Method Statement for Demolition of Al Atatrah Elevated Reservoir	21.00	07-Jan-16 A	31-Jan-16 A
GAZI-MS-1540	Prep. & Submit of Concrete Curing Method Statement	7.00	20-Jan-16 A	10-Mar-16 A
GAZI-MS-1550	Review & Approval of Concrete Curing Method Statement	21.00	28-Jan-16 A	21-Mar-16 A
GAZI-MS-1560	Prep. & Submit of Method Statement for water stop installation	7.00	01-Feb-16 A	07-Feb-16 A
GAZI-MS-1570	Review & Approval of Method Statement for water stop installation	21.00	07-Feb-16 A	25-Feb-16 A
GAZI-MS-1600	Prep. & Submit of Manufacturer's field services representative Submittal	7.00	02-Jul-16	14-Jul-16
GAZI-MS-1610	Review & Approval of Manufacturer's field services representative Submittal	21.00	14-Jul-16	14-Aug-16
Procurement				
Material List and Coordination				



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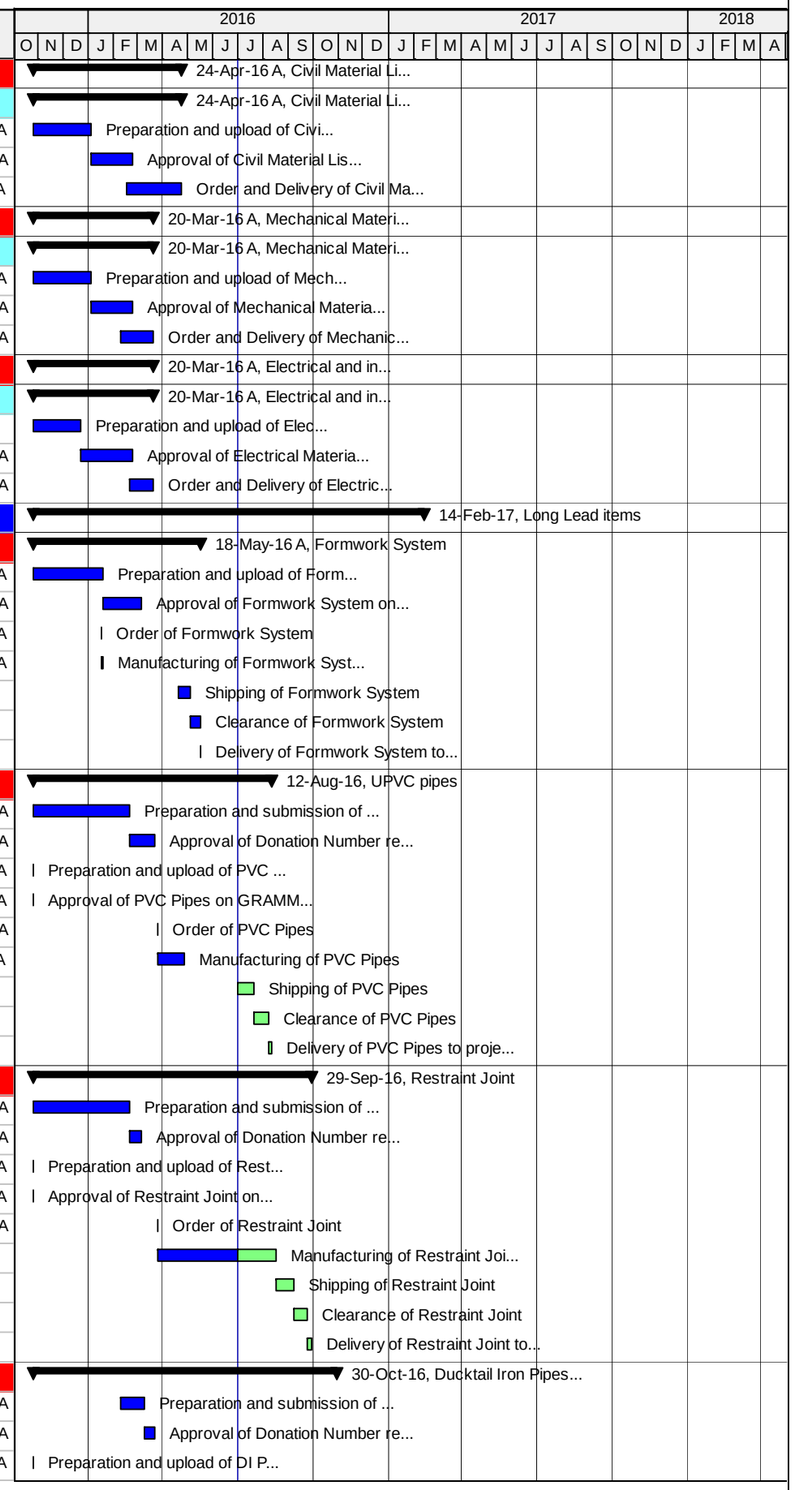
Activity ID	Activity Name	Original Duration	Start	Finish
Civil Material List				
Civil Material List				
GRAMMS820	Preparation and upload of Civil Material List No 01 on GRAMMS	53.00	27-Oct-15 A	05-Jan-16 A
GRAMMS830	Approval of Civil Material List No 01 on GRAMMS	53.00	05-Jan-16 A	25-Feb-16 A
PRO-1050	Order and Delivery of Civil Material No. 01	20.00	17-Feb-16 A	24-Apr-16 A
Mechanical Material List				
Mechanical Material List				
GRAMMS900	Preparation and upload of Mechanical Material List No 01 on GRAMMS	53.00	27-Oct-15 A	05-Jan-16 A
GRAMMS910	Approval of Mechanical Material List No 01 on GRAMMS	53.00	05-Jan-16 A	25-Feb-16 A
PRO-1090	Order and Delivery of Mechanical Material No. 01	20.00	10-Feb-16 A	20-Mar-16 A
Electrical and instrumentation Material List				
Electrical and instrumentation Material List				
GRAMMS980	Preparation and upload of Electrical Material List No 01 on GRAMMS	53.00	27-Oct-15 A	24-Dec-15
GRAMMS990	Approval of Electrical Material List No 01 on GRAMMS	53.00	24-Dec-15	25-Feb-16 A
PRO-1130	Order and Delivery of Electrical Material List No. 01	20.00	20-Feb-16 A	20-Mar-16 A
Long Lead items				
Formwork System				
GRAMMS180	Preparation and upload of Formwork System on GRAMMS	53.00	27-Oct-15 A	20-Jan-16 A
GRAMMS190	Approval of Formwork System on GRAMMS	53.00	20-Jan-16 A	07-Mar-16 A
PROC-1000	Order of Formwork System	2.00	17-Jan-16 A	17-Jan-16 A
PROC-1010	Manufacturing of Formwork System	44.00	17-Jan-16 A	20-Jan-16 A
PROC-1020	Shipping of Formwork System	14.00	20-Apr-16 A	04-May-16
PROC-1030	Clearance of Formwork System	12.00	05-May-16	17-May-16
PROC-1040	Delivery of Formwork System to project site	3.00	17-May-16	18-May-16
UPVC pipes				
DN-1020	Preparation and submission of Donation number request for PVC Pipes	30.00	27-Oct-15 A	20-Feb-16 A
DN-1030	Approval of Donation Number request for PVC Pipes	100.00	20-Feb-16 A	22-Mar-16 A
GRAMMS200	Preparation and upload of PVC Pipes on GRAMMS	53.00	26-Oct-15 A	27-Oct-15 A
GRAMMS210	Approval of PVC Pipes on GRAMMS	53.00	26-Oct-15 A	27-Oct-15 A
PROC-1050	Order of PVC Pipes	6.00	26-Mar-16 A	26-Mar-16 A
PROC-1060	Manufacturing of PVC Pipes	120.00	26-Mar-16 A	28-Apr-16 A
PROC-1070	Shipping of PVC Pipes	21.00	01-Jul-16	21-Jul-16
PROC-1080	Clearance of PVC Pipes	14.00	22-Jul-16	07-Aug-16
PROC-1090	Delivery of PVC Pipes to project site	5.00	08-Aug-16	12-Aug-16
Restraint Joint				
DN-1040	Preparation and submission of Donation number request for Restraint Joint	30.00	27-Oct-15 A	20-Feb-16 A
DN-1050	Approval of Donation Number request for Restraint Joint	100.00	20-Feb-16 A	07-Mar-16 A
GRAMMS220	Preparation and upload of Restraint Joint on GRAMMS	53.00	26-Oct-15 A	27-Oct-15 A
GRAMMS230	Approval of Restraint Joint on GRAMMS	53.00	26-Oct-15 A	27-Oct-15 A
PROC-1100	Order of Restraint Joint	6.00	26-Mar-16 A	26-Mar-16 A
PROC-1110	Manufacturing of Restraint Joint	120.00	26-Mar-16 A	17-Aug-16
PROC-1120	Shipping of Restraint Joint	21.00	18-Aug-16	07-Sep-16
PROC-1130	Clearance of Restraint Joint	14.00	08-Sep-16	23-Sep-16
PROC-1140	Delivery of Restraint Joint to project site	5.00	25-Sep-16	29-Sep-16
Ducktail Iron Pipes for Booster Station				
DN-1060	Preparation and submission of Donation number request for DI Pipes for BS	30.00	09-Feb-16 A	09-Mar-16 A
DN-1070	Approval of Donation Number request for DI Pipes for BS	100.00	09-Mar-16 A	23-Mar-16 A
GRAMMS240	Preparation and upload of DI Pipes for BS on GRAMMS	53.00	26-Oct-15 A	27-Oct-15 A



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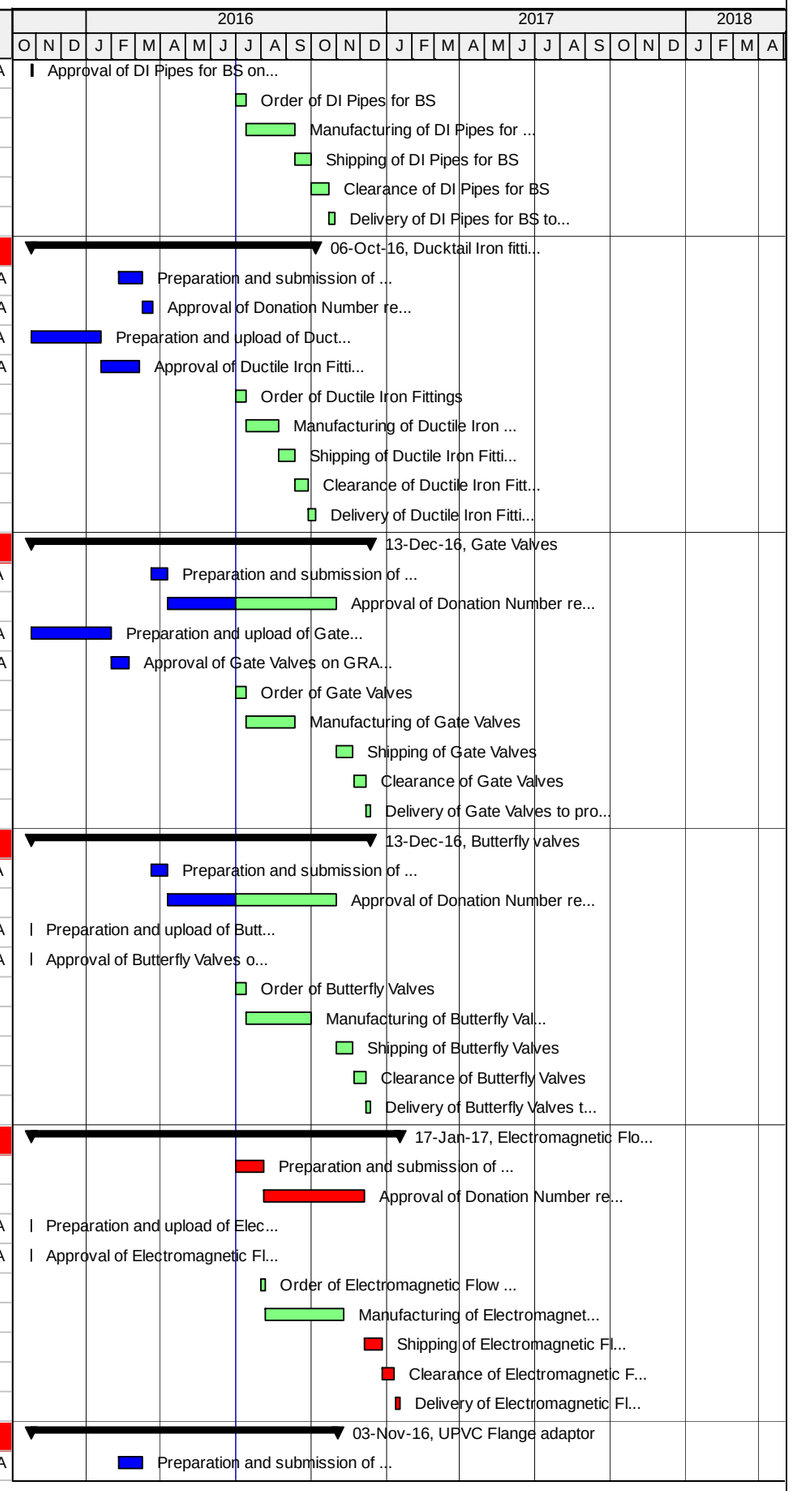
Activity ID	Activity Name	Original Duration	Start	Finish
GRAMMS250	Approval of DI Pipes for BS on GRAMMS	53.00	27-Oct-15 A	28-Oct-15 A
PROC-1150	Order of DI Pipes for BS	6.00	02-Jul-16	13-Jul-16
PROC-1160	Manufacturing of DI Pipes for BS	60.00	13-Jul-16	11-Sep-16
PROC-1170	Shipping of DI Pipes for BS	21.00	11-Sep-16	02-Oct-16
PROC-1180	Clearance of DI Pipes for BS	14.00	02-Oct-16	23-Oct-16
PROC-1190	Delivery of DI Pipes for BS to project site	5.00	23-Oct-16	30-Oct-16
Ducktail Iron fittings				
DN-1100	Preparation and submission of Donation number request for Ductile Iron Fittings	30.00	09-Feb-16 A	09-Mar-16 A
DN-1110	Approval of Donation Number request for Ductile Iron Fittings	100.00	09-Mar-16 A	23-Mar-16 A
GRAMMS280	Preparation and upload of Ductile Iron Fittings on GRAMMS	53.00	27-Oct-15 A	20-Jan-16 A
GRAMMS290	Approval of Ductile Iron Fittings on GRAMMS	53.00	20-Jan-16 A	07-Mar-16 A
PROC-1250	Order of Ductile Iron Fittings	6.00	02-Jul-16	13-Jul-16
PROC-1260	Manufacturing of Ductile Iron Fittings	40.00	13-Jul-16	22-Aug-16
PROC-1270	Shipping of Ductile Iron Fittings	21.00	22-Aug-16	12-Sep-16
PROC-1280	Clearance of Ductile Iron Fittings	14.00	12-Sep-16	28-Sep-16
PROC-1290	Delivery of Ductile Iron Fittings to project site	5.00	28-Sep-16	06-Oct-16
Gate Valves				
DN-1120	Preparation and submission of Donation number request for Gate Valves	30.00	20-Mar-16 A	10-Apr-16 A
DN-1130	Approval of Donation Number request for Gate Valves	100.00	10-Apr-16 A	31-Oct-16
GRAMMS300	Preparation and upload of Gate Valves on GRAMMS	53.00	27-Oct-15 A	31-Jan-16 A
GRAMMS310	Approval of Gate Valves on GRAMMS	53.00	31-Jan-16 A	22-Feb-16 A
PROC-1300	Order of Gate Valves	6.00	02-Jul-16	13-Jul-16
PROC-1310	Manufacturing of Gate Valves	60.00	13-Jul-16	11-Sep-16
PROC-1320	Shipping of Gate Valves	21.00	01-Nov-16	21-Nov-16
PROC-1330	Clearance of Gate Valves	14.00	22-Nov-16	07-Dec-16
PROC-1340	Delivery of Gate Valves to project site	5.00	08-Dec-16	13-Dec-16
Butterfly valves				
DN-1140	Preparation and submission of Donation number request for Butterfly Valves	30.00	20-Mar-16 A	10-Apr-16 A
DN-1150	Approval of Donation Number request for Butterfly Valves	100.00	10-Apr-16 A	31-Oct-16
GRAMMS320	Preparation and upload of Butterfly Valves on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
GRAMMS330	Approval of Butterfly Valves on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
PROC-1350	Order of Butterfly Valves	6.00	02-Jul-16	13-Jul-16
PROC-1360	Manufacturing of Butterfly Valves	80.00	13-Jul-16	01-Oct-16
PROC-1370	Shipping of Butterfly Valves	21.00	01-Nov-16	21-Nov-16
PROC-1380	Clearance of Butterfly Valves	14.00	22-Nov-16	07-Dec-16
PROC-1390	Delivery of Butterfly Valves to project site	5.00	08-Dec-16	13-Dec-16
Electromagnetic Flow Meter				
DN-1160	Preparation and submission of Donation number request for Electromagnetic Flow Meters	30.00	01-Jul-16	04-Aug-16
DN-1170	Approval of Donation Number request for Electromagnetic Flow Meters	100.00	05-Aug-16	05-Dec-16
GRAMMS340	Preparation and upload of Electromagnetic Flow Meters on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
GRAMMS350	Approval of Electromagnetic Flow Meters on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
PROC-1400	Order of Electromagnetic Flow Meters	6.00	31-Jul-16	07-Aug-16
PROC-1410	Manufacturing of Electromagnetic Flow Meters	95.00	07-Aug-16	10-Nov-16
PROC-1420	Shipping of Electromagnetic Flow Meters	21.00	06-Dec-16	26-Dec-16
PROC-1430	Clearance of Electromagnetic Flow Meters	14.00	27-Dec-16	11-Jan-17
PROC-1440	Delivery of Electromagnetic Flow Meters to project site	5.00	12-Jan-17	17-Jan-17
UPVC Flange adaptor				
DN-1180	Preparation and submission of Donation number request for PVC Flange Adaptor	30.00	09-Feb-16 A	09-Mar-16 A



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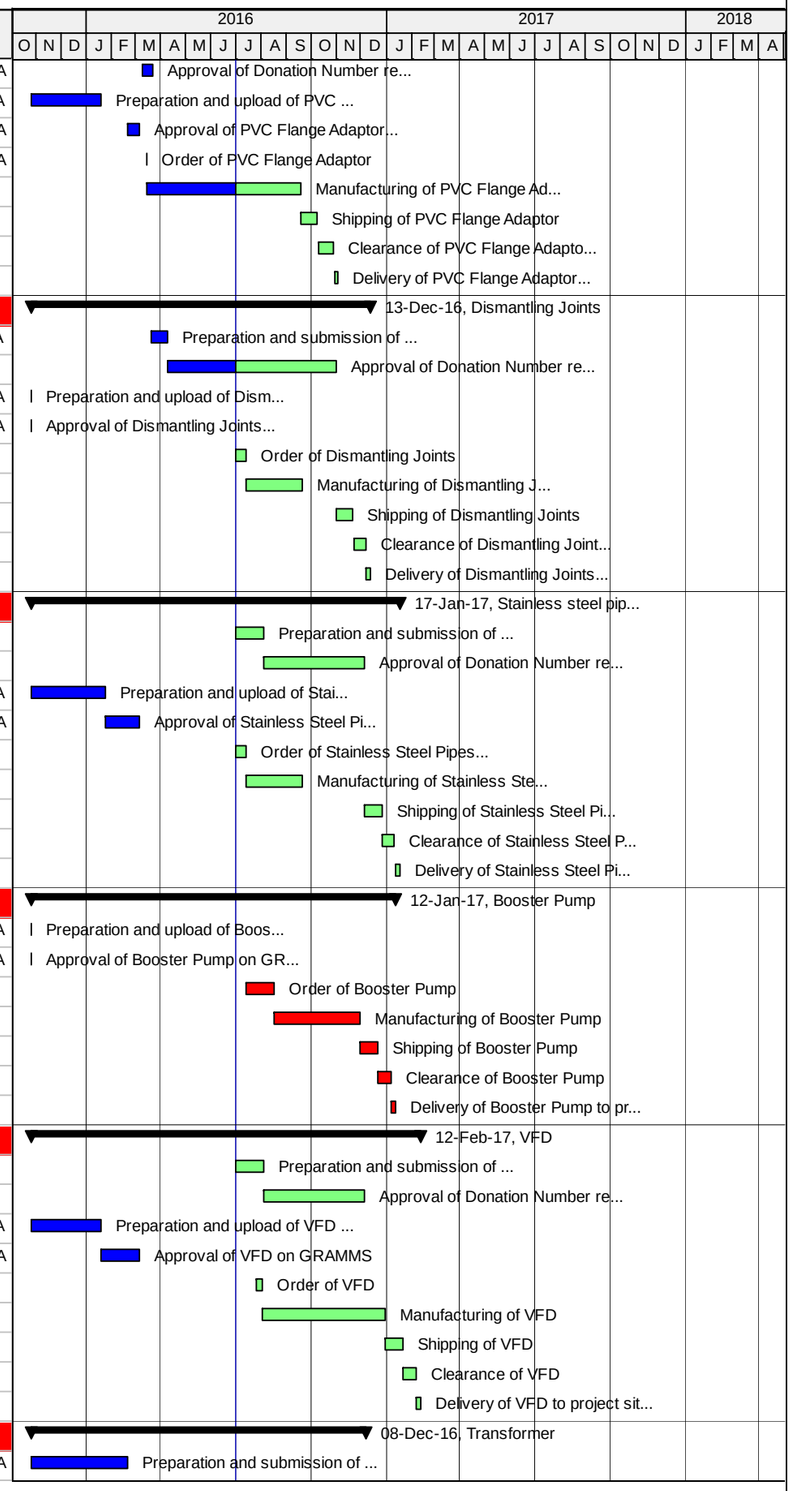
Activity ID	Activity Name	Original Duration	Start	Finish
DN-1190	Approval of Donation Number request for PVC Flange Adaptor	100.00	09-Mar-16 A	23-Mar-16 A
GRAMMS360	Preparation and upload of PVC Flange Adaptor on GRAMMS	53.00	27-Oct-15 A	20-Jan-16 A
GRAMMS370	Approval of PVC Flange Adaptor on GRAMMS	53.00	20-Feb-16 A	07-Mar-16 A
PROC-1450	Order of PVC Flange Adaptor	6.00	16-Mar-16 A	16-Mar-16 A
PROC-1460	Manufacturing of PVC Flange Adaptor	80.00	16-Mar-16 A	18-Sep-16
PROC-1470	Shipping of PVC Flange Adaptor	21.00	19-Sep-16	09-Oct-16
PROC-1480	Clearance of PVC Flange Adaptor	14.00	10-Oct-16	28-Oct-16
PROC-1490	Delivery of PVC Flange Adaptor to project site	5.00	30-Oct-16	03-Nov-16
Dismantling Joints				
DN-1220	Preparation and submission of Donation number request for Dismantling Joints	30.00	20-Mar-16 A	10-Apr-16 A
DN-1230	Approval of Donation Number request for Dismantling Joints	100.00	10-Apr-16 A	31-Oct-16
GRAMMS400	Preparation and upload of Dismantling Joints on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
GRAMMS410	Approval of Dismantling Joints on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
PROC-1550	Order of Dismantling Joints	6.00	02-Jul-16	13-Jul-16
PROC-1560	Manufacturing of Dismantling Joints	70.00	13-Jul-16	21-Sep-16
PROC-1570	Shipping of Dismantling Joints	21.00	01-Nov-16	21-Nov-16
PROC-1580	Clearance of Dismantling Joints	14.00	22-Nov-16	07-Dec-16
PROC-1590	Delivery of Dismantling Joints to project site	5.00	08-Dec-16	13-Dec-16
Stainless steel pipes and fitting				
DN-1240	Preparation and submission of Donation number request for Stainless Steel Pipes and Fittings	30.00	01-Jul-16	04-Aug-16
DN-1250	Approval of Donation Number request for Stainless Steel Pipes and Fittings	100.00	05-Aug-16	05-Dec-16
GRAMMS420	Preparation and upload of Stainless Steel Pipes and Fittings on GRAMMS	53.00	26-Oct-15 A	25-Jan-16 A
GRAMMS430	Approval of Stainless Steel Pipes and Fittings on GRAMMS	53.00	25-Jan-16 A	07-Mar-16 A
PROC-1600	Order of Stainless Steel Pipes and Fittings	6.00	02-Jul-16	13-Jul-16
PROC-1610	Manufacturing of Stainless Steel Pipes and Fittings	70.00	13-Jul-16	21-Sep-16
PROC-1620	Shipping of Stainless Steel Pipes and Fittings	21.00	06-Dec-16	26-Dec-16
PROC-1630	Clearance of Stainless Steel Pipes and Fittings	14.00	27-Dec-16	11-Jan-17
PROC-1640	Delivery of Stainless Steel Pipes and Fittings to project site	5.00	12-Jan-17	17-Jan-17
Booster Pump				
GRAMMS440	Preparation and upload of Booster Pump on GRAMMS	53.00	26-Oct-15 A	27-Oct-15 A
GRAMMS450	Approval of Booster Pump on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
PROC-1650	Order of Booster Pump	30.00	13-Jul-16	17-Aug-16
PROC-1660	Manufacturing of Booster Pump	105.00	17-Aug-16	30-Nov-16
PROC-1670	Shipping of Booster Pump	21.00	30-Nov-16	21-Dec-16
PROC-1680	Clearance of Booster Pump	14.00	21-Dec-16	06-Jan-17
PROC-1690	Delivery of Booster Pump to project site	5.00	06-Jan-17	12-Jan-17
VFD				
DN-1280	Preparation and submission of Donation number request for VFD	30.00	01-Jul-16	04-Aug-16
DN-1290	Approval of Donation Number request for VFD	100.00	05-Aug-16	05-Dec-16
GRAMMS460	Preparation and upload of VFD on GRAMMS	53.00	26-Oct-15 A	20-Jan-16 A
GRAMMS470	Approval of VFD on GRAMMS	53.00	20-Jan-16 A	07-Mar-16 A
PROC-1700	Order of VFD	6.00	27-Jul-16	03-Aug-16
PROC-1710	Manufacturing of VFD	150.00	03-Aug-16	31-Dec-16
PROC-1720	Shipping of VFD	21.00	31-Dec-16	21-Jan-17
PROC-1730	Clearance of VFD	14.00	22-Jan-17	06-Feb-17
PROC-1740	Delivery of VFD to project site	5.00	07-Feb-17	12-Feb-17
Transformer				
DN-1300	Preparation and submission of Donation number request for Transformer	30.00	27-Oct-15 A	20-Feb-16 A



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Activity ID	Activity Name	Original Duration	Start	Finish
DN-1310	Approval of Donation Number request for Transformer	100.00	20-Feb-16 A	22-Mar-16 A
GRAMMS480	Preparation and upload of Transformer on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
GRAMMS490	Approval of Transformer on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
PROC-1750	Order of Transformer	6.00	21-Jul-16	28-Jul-16
PROC-1760	Manufacturing of Transformer	90.00	28-Jul-16	26-Oct-16
PROC-1770	Shipping of Transformer	21.00	26-Oct-16	16-Nov-16
PROC-1780	Clearance of Transformer	14.00	16-Nov-16	02-Dec-16
PROC-1790	Delivery of Transformer to project site	5.00	02-Dec-16	08-Dec-16
Generator				
Al Atatrah Diesel Generator (250 KW)				
DN-1320	Preparation and submission of Donation number request for Al Atatrah Diesel Generator (250 KW)	30.00	27-Oct-15 A	20-Feb-16 A
DN-1330	Approval of Donation Number request for Al Atatrah Diesel Generator (250 KW)	100.00	20-Feb-16 A	22-Mar-16 A
GRAMMS500	Preparation and upload of Al Atatrah Diesel Generator (250 KW) on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
GRAMMS510	Approval of Al Atatrah Diesel Generator (250 KW) on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
PROC-1800	Order of Al Atatrah Diesel Generator (250 KW)	6.00	02-Jul-16	13-Jul-16
PROC-1810	Manufacturing of Al Atatrah Diesel Generator (250 KW)	80.00	13-Jul-16	01-Oct-16
PROC-1820	Shipping of Al Atatrah Diesel Generator (250 KW)	21.00	01-Oct-16	22-Oct-16
PROC-1830	Clearance of Al Atatrah Diesel Generator (250 KW)	14.00	23-Oct-16	08-Nov-16
PROC-1840	Delivery of Al Atatrah Diesel Generator (250 KW) to project site	5.00	09-Nov-16	14-Nov-16
Nuseirat Diesel Generator (300KW)				
DN-1620	Preparation and submission of Donation number request for Nuseirat Diesel Generator (300 KW)	30.00	27-Oct-15 A	20-Feb-16 A
DN-1630	Approval of Donation Number request for Nuseirat Diesel Generator (300 KW)	100.00	20-Feb-16 A	23-Mar-16 A
GRAMMS800	Preparation and upload of Nuseirat Diesel Generator (300 KW) on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
GRAMMS810	Approval of Nuseirat Diesel Generator (300 KW) on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
PROC-2550	Order of Nuseirat Diesel Generator (300 KW)	6.00	02-Jul-16	13-Jul-16
PROC-2560	Manufacturing of Nuseirat Diesel Generator (300 KW)	80.00	13-Jul-16	01-Oct-16
PROC-2570	Shipping of Nuseirat Diesel Generator (300 KW)	21.00	01-Oct-16	22-Oct-16
PROC-2580	Clearance of Nuseirat Diesel Generator (300 KW)	14.00	23-Oct-16	08-Nov-16
PROC-2590	Delivery of Nuseirat Diesel Generator (300 KW) to project site	5.00	09-Nov-16	14-Nov-16
MCC				
GRAMMS520	Preparation and upload of MCC on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
GRAMMS530	Approval of MCC on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
PROC-1850	Order of MCC	6.00	10-Aug-16	17-Aug-16
PROC-1860	Manufacturing of MCC	60.00	17-Aug-16	16-Oct-16
PROC-1870	Shipping of MCC	21.00	16-Oct-16	06-Nov-16
PROC-1880	Clearance of MCC	14.00	06-Nov-16	22-Nov-16
PROC-1890	Delivery of MCC to project site	5.00	22-Nov-16	28-Nov-16
Float Control Valve, Flow Control Valve, Pressure Reducing Valve, Pressure Sustaining Valve (DARB)				
DN-1360	Preparation and submission of Donation number request for PRV, FCV, PSV	30.00	12-Jul-16	16-Aug-16
DN-1370	Approval of Donation Number request for PRV, FCV, PSV	100.00	16-Aug-16	16-Dec-16
GRAMMS540	Preparation and upload of PRV, FCV, PSV on GRAMMS	53.00	27-Jan-16 A	24-Feb-16 A
GRAMMS550	Approval of PRV, FCV, PSV on GRAMMS	53.00	27-Jan-16 A	28-Feb-16 A
PROC-1900	Order of PRV, FCV, PSV	6.00	10-Aug-16	17-Aug-16
PROC-1910	Manufacturing of PRV, FCV, PSV	90.00	17-Aug-16	15-Nov-16
PROC-1920	Shipping of PRV, FCV, PSV	21.00	16-Dec-16	06-Jan-17
PROC-1930	Clearance of PRV, FCV, PSV	14.00	06-Jan-17	23-Jan-17
PROC-1940	Delivery of PRV, FCV, PSV to project site	5.00	23-Jan-17	29-Jan-17
Mechanical Coupling				

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DN-1380	Preparation and submission of Donation number request for Mechanical Coupling	30.00	01-Jul-16	04-Aug-16
DN-1390	Approval of Donation Number request for Mechanical Coupling	100.00	05-Aug-16	05-Dec-16
GRAMMS560	Preparation and upload of Mechanical Coupling on GRAMMS	53.00	27-Oct-15 A	28-Feb-16 A
GRAMMS570	Approval of Mechanical Coupling on GRAMMS	53.00	28-Feb-16 A	28-Feb-16 A
PROC-1950	Order of Mechanical Coupling	6.00	02-Jul-16	13-Jul-16
PROC-1960	Manufacturing of Mechanical Coupling	70.00	13-Jul-16	21-Sep-16
PROC-1970	Shipping of Mechanical Coupling	21.00	06-Dec-16	26-Dec-16
PROC-1980	Clearance of Mechanical Coupling	14.00	27-Dec-16	11-Jan-17
PROC-1990	Delivery of Mechanical Coupling to project site	5.00	12-Jan-17	17-Jan-17
Ball Valves DN50 & Smaller				
GRAMMS600	Preparation and upload of Ball Valves DN50 & Smaller on GRAMMS	53.00	28-Oct-15 A	20-Jan-16 A
GRAMMS610	Approval of Ball Valves DN50 & Smaller on GRAMMS	53.00	20-Jan-16 A	07-Mar-16 A
PROC-2050	Order of Ball Valves DN50 & Smaller	20.00	02-Jul-16	30-Jul-16
PROC-2060	Manufacturing of Ball Valves DN50 & Smaller	70.00	30-Jul-16	08-Oct-16
PROC-2070	Shipping of Ball Valves DN50 & Smaller	21.00	08-Oct-16	29-Oct-16
PROC-2080	Clearance of Ball Valves DN50 & Smaller	14.00	30-Oct-16	14-Nov-16
PROC-2090	Delivery of Ball Valves DN50 & Smaller to project site	5.00	15-Nov-16	20-Nov-16
Ball Valves DN75 & Larger				
GRAMMS620	Preparation and upload of Ball Valves DN75 & Larger on GRAMMS	53.00	28-Oct-15 A	20-Jan-16 A
GRAMMS630	Approval of Ball Valves DN75 & Larger on GRAMMS	53.00	20-Jan-16 A	07-Mar-16 A
PROC-2100	Order of Ball Valves DN75 & Larger	10.00	02-Jul-16	18-Jul-16
PROC-2110	Manufacturing of Ball Valves DN75 & Larger	60.00	18-Jul-16	16-Sep-16
PROC-2120	Shipping of Ball Valves DN75 & Larger	21.00	16-Sep-16	07-Oct-16
PROC-2130	Clearance of Ball Valves DN75 & Larger	14.00	07-Oct-16	27-Oct-16
PROC-2140	Delivery of Ball Valves DN75 & Larger to project site	5.00	27-Oct-16	02-Nov-16
Strainers				
DN-1460	Preparation and submission of Donation number request for Strainers	30.00	25-Apr-16 A	04-Aug-16
DN-1470	Approval of Donation Number request for Strainers	100.00	05-Aug-16	05-Dec-16
GRAMMS640	Preparation and upload of Strainers on GRAMMS	53.00	27-Oct-15 A	25-Jan-16 A
GRAMMS650	Approval of Strainers on GRAMMS	53.00	25-Jan-16 A	22-Feb-16 A
PROC-2150	Order of Strainers	6.00	02-Jul-16	13-Jul-16
PROC-2160	Manufacturing of Strainers	70.00	13-Jul-16	21-Sep-16
PROC-2170	Shipping of Strainers	21.00	06-Dec-16	26-Dec-16
PROC-2180	Clearance of Strainers	14.00	27-Dec-16	11-Jan-17
PROC-2190	Delivery of Strainers to project site	5.00	12-Jan-17	17-Jan-17
Check valves				
GRAMMS660	Preparation and upload of Check Valves on GRAMMS	53.00	26-Oct-15 A	27-Oct-15 A
GRAMMS670	Approval of Check Valves on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
PROC-2200	Order of Check Valves	6.00	02-Jul-16	13-Jul-16
PROC-2210	Manufacturing of Check Valves	80.00	13-Jul-16	01-Oct-16
PROC-2220	Shipping of Check Valves	21.00	01-Oct-16	22-Oct-16
PROC-2230	Clearance of Check Valves	14.00	23-Oct-16	08-Nov-16
PROC-2240	Delivery of Check Valves to project site	5.00	09-Nov-16	14-Nov-16
Combination Air Valves				
GRAMMS680	Preparation and upload of Combination Air Valves on GRAMMS	53.00	27-Oct-15 A	31-Jan-16 A
GRAMMS690	Approval of Combination Air Valves on GRAMMS	53.00	31-Jan-16 A	22-Feb-16 A
PROC-2250	Order of Combination Air Valves	6.00	04-Apr-16 A	13-Jul-16
PROC-2260	Manufacturing of Combination Air Valves	80.00	13-Jul-16	01-Oct-16

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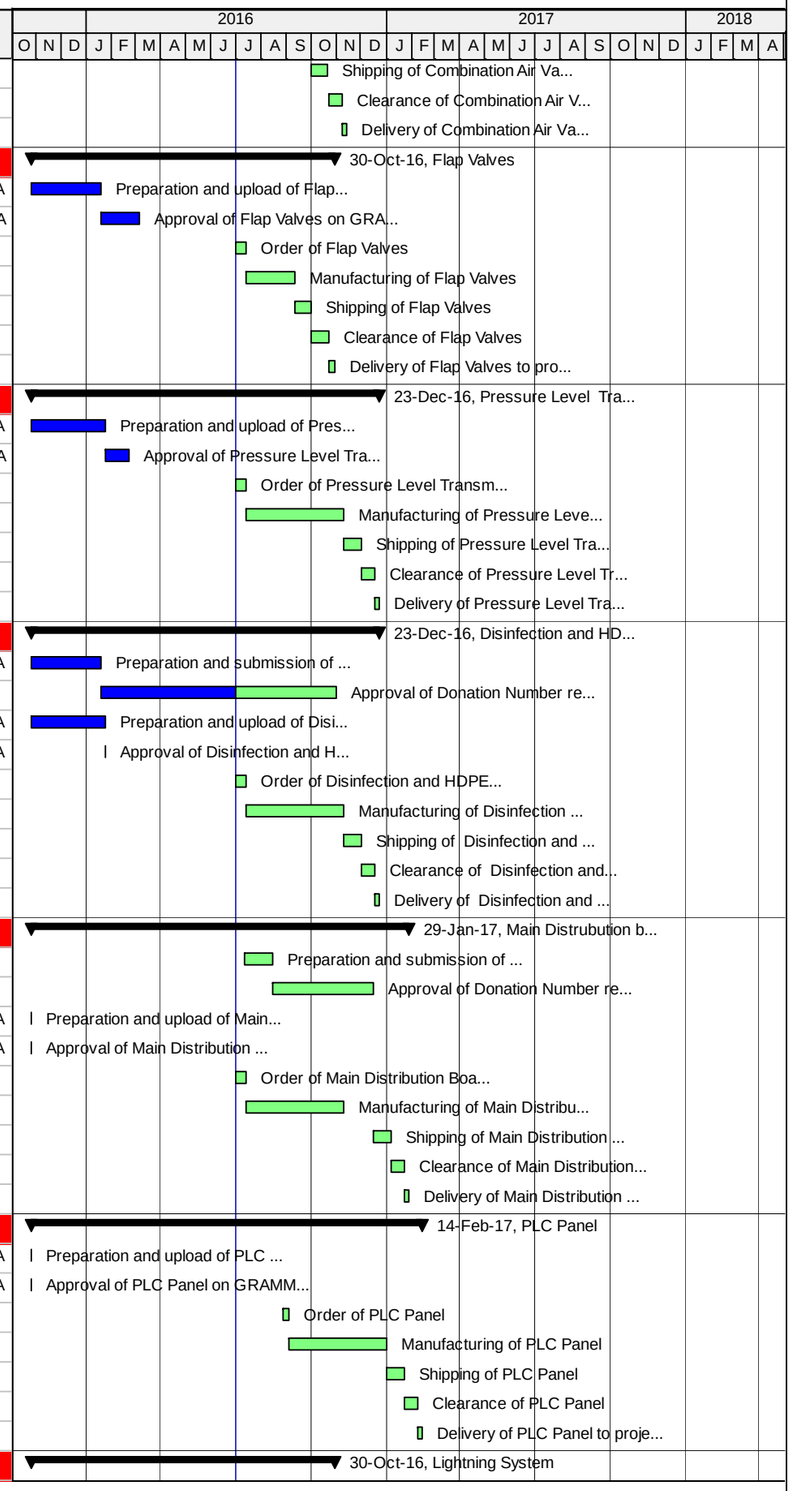
Activity ID	Activity Name	Original Duration	Start	Finish
PROC-2270	Shipping of Combination Air Valves	21.00	01-Oct-16	22-Oct-16
PROC-2280	Clearance of Combination Air Valves	14.00	23-Oct-16	08-Nov-16
PROC-2290	Delivery of Combination Air Valves to project site	5.00	09-Nov-16	14-Nov-16
Flap Valves				
GRAMMS700	Preparation and upload of Flap Valves on GRAMMS	53.00	26-Oct-15 A	20-Jan-16 A
GRAMMS710	Approval of Flap Valves on GRAMMS	53.00	20-Jan-16 A	07-Mar-16 A
PROC-2300	Order of Flap Valves	6.00	02-Jul-16	13-Jul-16
PROC-2310	Manufacturing of Flap Valves	60.00	13-Jul-16	11-Sep-16
PROC-2320	Shipping of Flap Valves	21.00	11-Sep-16	02-Oct-16
PROC-2330	Clearance of Flap Valves	14.00	02-Oct-16	23-Oct-16
PROC-2340	Delivery of Flap Valves to project site	5.00	23-Oct-16	30-Oct-16
Pressure Level Transmitter				
GRAMMS720	Preparation and upload of Pressure Level Transmitter on GRAMMS	53.00	27-Oct-15 A	25-Jan-16 A
GRAMMS730	Approval of Pressure Level Transmitter on GRAMMS	53.00	25-Jan-16 A	22-Feb-16 A
PROC-2350	Order of Pressure Level Transmitter	6.00	02-Jul-16	13-Jul-16
PROC-2360	Manufacturing of Pressure Level Transmitter	120.00	13-Jul-16	10-Nov-16
PROC-2370	Shipping of Pressure Level Transmitter	21.00	10-Nov-16	01-Dec-16
PROC-2380	Clearance of Pressure Level Transmitter	14.00	01-Dec-16	18-Dec-16
PROC-2390	Delivery of Pressure Level Transmitter to project site	5.00	18-Dec-16	23-Dec-16
Disinfection and HDPE Tank				
DN-1640	Preparation and submission of Donation number request for Disinfection and HDPE Tank	30.00	27-Oct-15 A	20-Jan-16 A
DN-1650	Approval of Donation Number request for Disinfection and HDPE Tank	100.00	20-Jan-16 A	31-Oct-16
GRAMMS740	Preparation and upload of Disinfection and HDPE Tank on GRAMMS	53.00	27-Oct-15 A	25-Jan-16 A
GRAMMS750	Approval of Disinfection and HDPE Tank on GRAMMS	53.00	25-Jan-16 A	25-Jan-16 A
PROC-2400	Order of Disinfection and HDPE Tank	6.00	02-Jul-16	13-Jul-16
PROC-2410	Manufacturing of Disinfection and HDPE Tank	120.00	13-Jul-16	10-Nov-16
PROC-2420	Shipping of Disinfection and HDPE Tank	21.00	10-Nov-16	01-Dec-16
PROC-2430	Clearance of Disinfection and HDPE Tank	14.00	01-Dec-16	18-Dec-16
PROC-2440	Delivery of Disinfection and HDPE Tank to project site	5.00	18-Dec-16	23-Dec-16
Main Distrubution board				
DN-1580	Preparation and submission of Donation number request for Main Distribution Board	30.00	12-Jul-16	16-Aug-16
DN-1590	Approval of Donation Number request for Main Distribution Board	100.00	16-Aug-16	16-Dec-16
GRAMMS760	Preparation and upload of Main Distribution Board on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
GRAMMS770	Approval of Main Distribution Board on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
PROC-2450	Order of Main Distribution Board	6.00	02-Jul-16	13-Jul-16
PROC-2460	Manufacturing of Main Distribution Board	120.00	13-Jul-16	10-Nov-16
PROC-2470	Shipping of Main Distribution Board	21.00	16-Dec-16	06-Jan-17
PROC-2480	Clearance of Main Distribution Board	14.00	06-Jan-17	23-Jan-17
PROC-2490	Delivery of Main Distribution Board to project site	5.00	23-Jan-17	29-Jan-17
PLC Panel				
GRAMMS780	Preparation and upload of PLC Panel on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
GRAMMS790	Approval of PLC Panel on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
PROC-2500	Order of PLC Panel	6.00	28-Aug-16	04-Sep-16
PROC-2510	Manufacturing of PLC Panel	120.00	04-Sep-16	02-Jan-17
PROC-2520	Shipping of PLC Panel	21.00	02-Jan-17	23-Jan-17
PROC-2530	Clearance of PLC Panel	14.00	23-Jan-17	08-Feb-17
PROC-2540	Delivery of PLC Panel to project site	5.00	08-Feb-17	14-Feb-17
Lightning System				



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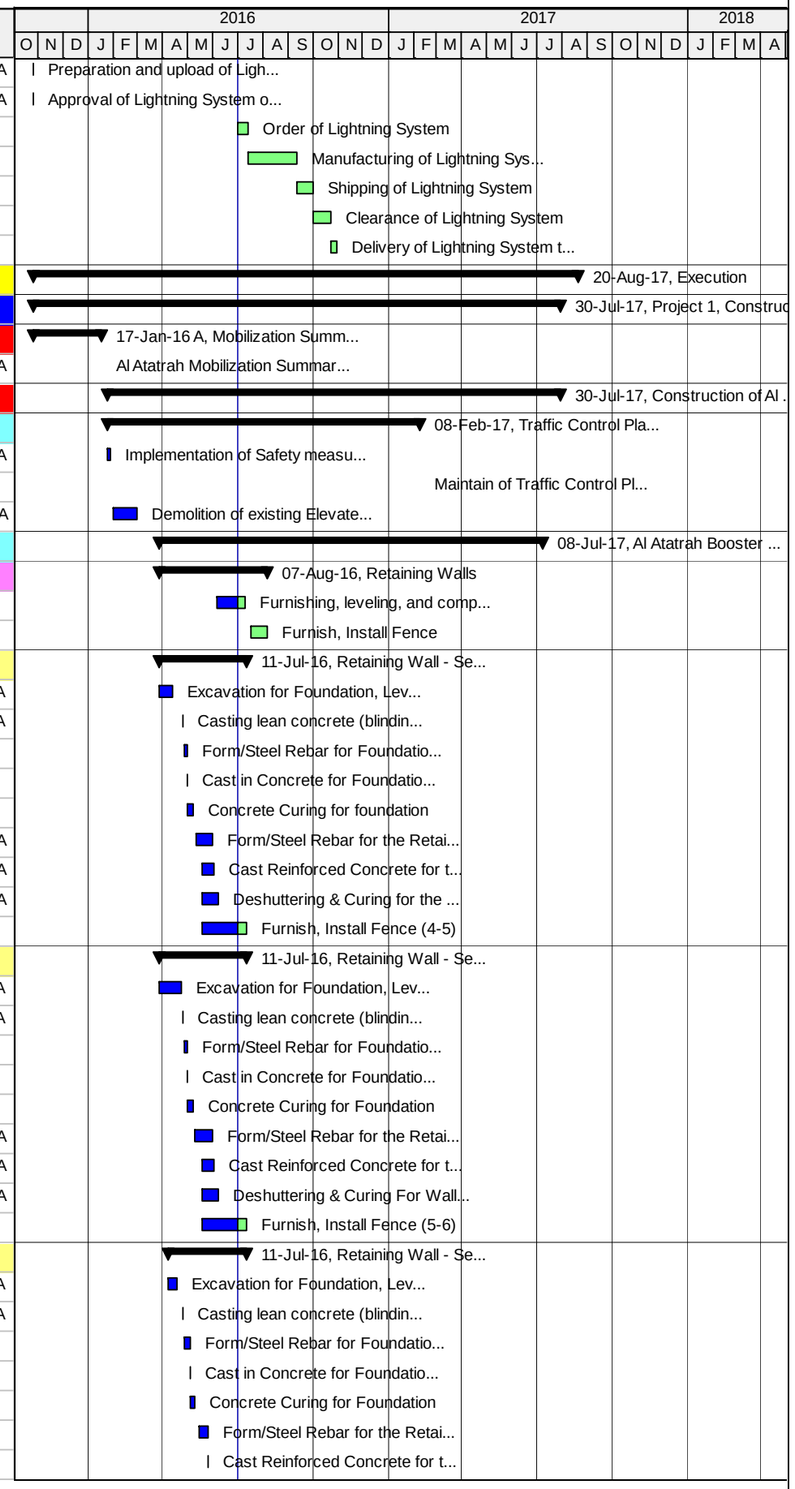
Activity ID	Activity Name	Original Duration	Start	Finish
GRAMMS260	Preparation and upload of Lightning System on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
GRAMMS270	Approval of Lightning System on GRAMMS	53.00	27-Oct-15 A	27-Oct-15 A
PROC-1200	Order of Lightning System	6.00	02-Jul-16	13-Jul-16
PROC-1210	Manufacturing of Lightning System	60.00	13-Jul-16	11-Sep-16
PROC-1220	Shipping of Lightning System	21.00	11-Sep-16	02-Oct-16
PROC-1230	Clearance of Lightning System	14.00	02-Oct-16	23-Oct-16
PROC-1240	Delivery of Lightning System to project site	5.00	23-Oct-16	30-Oct-16
Execution				
Project 1, Construction of Al Atatrah Reservoir and Pumping Facilities				
Mobilization Summary Cost				
GAZI - MOB1090	Al Atatrah Mobilization Summary	71.00	26-Oct-15 A	17-Jan-16 A
Construction of Al Atatrah Facilities				
Traffic Control Plan and Safety measures				
E-ATA-2640	Implementation of Safety measures and Traffic Control Plan for Al Atatrah Facilities Site	2.00	25-Jan-16 A	28-Jan-16 A
E-ATA-2642	Maintain of Traffic Control Plan and Safety measures for Al Atatrah Facilities Site	295.00	28-Jan-16 A	08-Feb-17
E-ATA-2645	Demolition of existing Elevated tank	20.00	01-Feb-16 A	29-Feb-16 A
Al Atatrah Booster Station				
Retaining Walls				
E-ATA-2400	Furnishing, leveling, and compaction of selected fill for subgrade layer including Miscellaneous Excavation	19.00	06-Jun-16 A	10-Jul-16
E-ATA-2410	Furnish, Install Fence	18.00	17-Jul-16	07-Aug-16
Retaining Wall - Segment (4 - 5)				
E-ATA-RW-1000	Excavation for Foundation, Leveling, Compacting 25cm Base Course Layer	10.00	27-Mar-16 A	13-Apr-16 A
E-ATA-RW-1005	Casting lean concrete (blinding 100mm)	3.00	25-Apr-16 A	25-Apr-16 A
E-ATA-RW-1010	Form/Steel Rebar for Foundation	8.00	27-Apr-16 A	02-May-16
E-ATA-RW-1030	Cast in Concrete for Foundation	1.00	01-May-16	02-May-16
E-ATA-RW-1040	Concrete Curing for foundation	7.00	02-May-16	08-May-16
E-ATA-RW-1050	Form/Steel Rebar for the Retaining Walls	13.00	12-May-16	01-Jun-16 A
E-ATA-RW-1060	Cast Reinforced Concrete for the Retaining Walls	1.00	19-May-16	02-Jun-16 A
E-ATA-RW-1070	Deshuttering & Curing for the Retaining Wallls	7.00	20-May-16	09-Jun-16 A
E-ATA-RW-1130	Furnish, Install Fence (4-5)	5.00	19-May-16	11-Jul-16
Retaining Wall - Segment (5 - 6)				
E-ATA-RW-1020	Excavation for Foundation, Leveling, Compacting 25cm Base Course Layer	10.00	27-Mar-16 A	24-Apr-16 A
E-ATA-RW-1025	Casting lean concrete (blinding 100mm)	3.00	25-Apr-16 A	25-Apr-16 A
E-ATA-RW-1080	Form/Steel Rebar for Foundation	8.00	27-Apr-16 A	02-May-16
E-ATA-RW-1100	Cast in Concrete for Foundation	1.00	01-May-16	02-May-16
E-ATA-RW-1110	Concrete Curing for Foundation	7.00	02-May-16	08-May-16
E-ATA-RW-1120	Form/Steel Rebar for the Retaining Walls	12.00	11-May-16	01-Jun-16 A
E-ATA-RW-1150	Cast Reinforced Concrete for the Retaining Walls	1.00	19-May-16	02-Jun-16 A
E-ATA-RW-1160	Deshuttering & Curing For Walls	7.00	20-May-16	09-Jun-16 A
E-ATA-RW-1200	Furnish, Install Fence (5-6)	5.00	19-May-16	11-Jul-16
Retaining Wall - Segment (3 - 4)				
E-ATA-RW-1090	Excavation for Foundation, Leveling, Compacting 25cm Base Course Layer	10.00	07-Apr-16 A	18-Apr-16 A
E-ATA-RW-1095	Casting lean concrete (blinding 100mm)	3.00	25-Apr-16 A	25-Apr-16 A
E-ATA-RW-1140	Form/Steel Rebar for Foundation	7.00	27-Apr-16 A	04-May-16
E-ATA-RW-1170	Cast in Concrete for Foundation	1.00	04-May-16	04-May-16
E-ATA-RW-1180	Concrete Curing for Foundation	7.00	04-May-16	11-May-16
E-ATA-RW-1190	Form/Steel Rebar for the Retaining Walls	12.00	15-May-16	26-May-16
E-ATA-RW-1210	Cast Reinforced Concrete for the Retaining Walls	1.00	26-May-16	26-May-16



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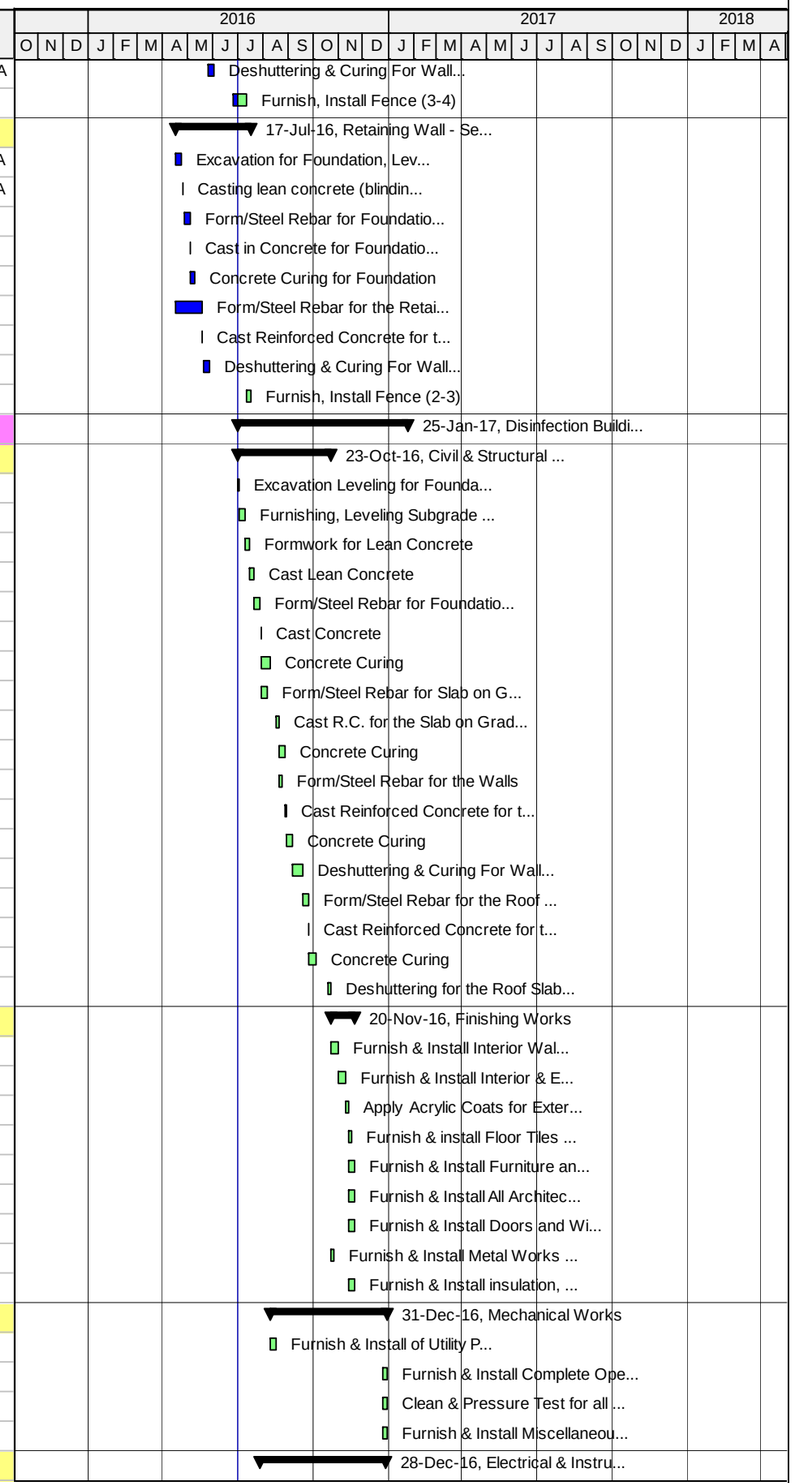
Activity ID	Activity Name	Original Duration	Start	Finish
E-ATA-RW-1220	Deshuttering & Curing For Walls	7.00	26-May-16	02-Jun-16 A
E-ATA-RW-1230	Furnish, Install Fence (3-4)	5.00	26-Jun-16 A	11-Jul-16
Retaining Wall - Segment (2 - 3)				
E-ATA-RW-1240	Excavation for Foundation, Leveling, Compacting 25cm Base Course Layer	10.00	16-Apr-16 A	24-Apr-16 A
E-ATA-RW-1245	Casting lean concrete (blinding 100mm)	3.00	25-Apr-16 A	25-Apr-16 A
E-ATA-RW-1250	Form/Steel Rebar for Foundation	7.00	27-Apr-16 A	04-May-16
E-ATA-RW-1260	Cast in Concrete for Foundation	1.00	04-May-16	04-May-16
E-ATA-RW-1270	Concrete Curing for Foundation	7.00	05-May-16	11-May-16
E-ATA-RW-1280	Form/Steel Rebar for the Retaining Walls	10.00	16-Apr-16 A	19-May-16
E-ATA-RW-1290	Cast Reinforced Concrete for the Retaining Walls	1.00	19-May-16	19-May-16
E-ATA-RW-1300	Deshuttering & Curing For Walls	7.00	21-May-16	28-May-16
E-ATA-RW-1310	Furnish, Install Fence (2-3)	5.00	11-Jul-16	17-Jul-16
Disinfection Building				
Civil & Structural Works				
E-ATA-DIS-1000	Excavation Leveling for Foundation,Preparation of Subgrade Layer & Saintary drain piping	1.00	02-Jul-16	03-Jul-16
E-ATA-DIS-1010	Furnishing, Leveling Subgrade Compacted layers 20cm	2.00	03-Jul-16	10-Jul-16
E-ATA-DIS-1015	Formwork for Lean Concrete	5.00	10-Jul-16	16-Jul-16
E-ATA-DIS-1016	Cast Lean Concrete	5.00	16-Jul-16	21-Jul-16
E-ATA-DIS-1020	Form/Steel Rebar for Foundation	6.00	21-Jul-16	28-Jul-16
E-ATA-DIS-1030	Cast Concrete	1.00	30-Jul-16	31-Jul-16
E-ATA-DIS-1040	Concrete Curing	9.00	31-Jul-16	10-Aug-16
E-ATA-DIS-1050	Form/Steel Rebar for Slab on Grade	5.00	31-Jul-16	06-Aug-16
E-ATA-DIS-1060	Cast R.C. for the Slab on Grade	1.00	18-Aug-16	20-Aug-16
E-ATA-DIS-1070	Concrete Curing	7.00	20-Aug-16	28-Aug-16
E-ATA-DIS-1080	Form/Steel Rebar for the Walls	5.00	20-Aug-16	25-Aug-16
E-ATA-DIS-1090	Cast Reinforced Concrete for the Walls	1.00	28-Aug-16	29-Aug-16
E-ATA-DIS-1100	Concrete Curing	7.00	29-Aug-16	06-Sep-16
E-ATA-DIS-1110	Deshuttering & Curing For Walls	7.00	06-Sep-16	19-Sep-16
E-ATA-DIS-1120	Form/Steel Rebar for the Roof Slab	5.75	19-Sep-16	25-Sep-16
E-ATA-DIS-1130	Cast Reinforced Concrete for the Roof Slab	1.00	25-Sep-16	26-Sep-16
E-ATA-DIS-1140	Concrete Curing	7.00	26-Sep-16	04-Oct-16
E-ATA-DIS-1150	Deshuttering for the Roof Slab & backfilling	2.00	20-Oct-16	23-Oct-16
Finishing Works				
E-ATA-DIS-1160	Furnish & Install Interior Walls	7.00	23-Oct-16	31-Oct-16
E-ATA-DIS-1170	Furnish & Install Interior & Exterior Plaster	7.00	31-Oct-16	10-Nov-16
E-ATA-DIS-1180	Apply Acrylic Coats for External Walls	3.00	10-Nov-16	14-Nov-16
E-ATA-DIS-1190	Furnish & install Floor Tiles & Base Materials	2.00	14-Nov-16	17-Nov-16
E-ATA-DIS-1200	Furnish & Install Furniture and Fittings	4.00	14-Nov-16	20-Nov-16
E-ATA-DIS-1210	Furnish & Install All Architectural Elements	4.00	14-Nov-16	20-Nov-16
E-ATA-DIS-1220	Furnish & Install Doors and Windows	4.00	14-Nov-16	20-Nov-16
E-ATA-DIS-1230	Furnish & Install Metal Works & Hatches, Vents, Ladders, Grating etc	4.00	23-Oct-16	27-Oct-16
E-ATA-DIS-1240	Furnish & Install insulation, Roofing, Coping and All Items etc	4.00	14-Nov-16	20-Nov-16
Mechanical Works				
E-ATA-DIS-1320	Furnish & Install of Utility Piping including Pipe Supports & Valves	7.00	10-Aug-16	18-Aug-16
E-ATA-DIS-1330	Furnish & Install Complete Operable Chlorination System	5.00	26-Dec-16	31-Dec-16
E-ATA-DIS-1340	Clean & Pressure Test for all Pipes	5.00	26-Dec-16	31-Dec-16
E-ATA-DIS-1350	Furnish & Install Miscellaneous Plumbing Components	5.00	26-Dec-16	31-Dec-16
Electrical & Instrumentation Works				



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TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package I

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Activity ID	Activity Name	Original Duration	Start	Finish
E-ATA-DIS-1250	Grounding System	1.00	28-Jul-16	30-Jul-16
E-ATA-DIS-1260	Furnish, Install, Wire, Duct Banks & Terminate Lights and Receptacles	5.00	23-Oct-16	29-Oct-16
E-ATA-DIS-1270	Install A/C Unit,Electrical Conduit ,Cables & Wires	7.00	29-Oct-16	08-Nov-16
E-ATA-DIS-1280	Electrical & Control Panels	3.00	08-Nov-16	12-Nov-16
E-ATA-DIS-1290	Lightening Protection System	1.00	14-Nov-16	16-Nov-16
E-ATA-DIS-1300	Process Control & Instrumentation	8.00	16-Nov-16	26-Nov-16
E-ATA-DIS-1360	Furnish, Install and test RIO Enclosure	10.00	26-Nov-16	07-Dec-16
E-ATA-DIS-1390	Test and Commission of Electrical System	12.00	07-Dec-16	28-Dec-16
HVAC-Plumping				
E-ATA-DIS-1310	Exhaust Fans, Ductwork, Grilles & HVAC Control Panels	15.00	02-Jan-17	25-Jan-17
Guard House Building				
Civil & Structural Works				
E-ATA-GH-1000	Excavation Leveling for Foundation,Preparation of Subgrade Layer & Saintary drain piping	5.00	29-Aug-16	04-Sep-16
E-ATA-GH-1010	Furnishing, leveling, and compacting of selected backfill	10.00	04-Sep-16	20-Sep-16
E-ATA-GH-1020	Form/Steel Rebar for Foundation	5.00	20-Sep-16	26-Sep-16
E-ATA-GH-1030	Formwork for Lean Concrete	3.00	20-Sep-16	24-Sep-16
E-ATA-GH-1040	Cast Concrete for lean	1.00	24-Sep-16	25-Sep-16
E-ATA-GH-1050	Concrete Curing	7.00	25-Sep-16	03-Oct-16
E-ATA-GH-1060	Cast in Concrete for foundation	1.00	26-Sep-16	27-Sep-16
E-ATA-GH-1070	Form/Steel Rebar for Slab on Grade	3.00	27-Sep-16	01-Oct-16
E-ATA-GH-1090	Concrete Curing for foundation	7.00	03-Oct-16	11-Oct-16
E-ATA-GH-1100	Cast R.C. for the Slab on Grade	1.00	12-Oct-16	13-Oct-16
E-ATA-GH-1110	Concrete Curing for the Slab on Grade	7.00	13-Oct-16	22-Oct-16
E-ATA-GH-1120	Form/Steel Rebar for the Walls	8.00	13-Oct-16	23-Oct-16
E-ATA-GH-1140	Cast Reinforced Concrete for the Walls	1.00	23-Oct-16	24-Oct-16
E-ATA-GH-1150	Concrete Curing for the Walls / Columns	7.00	24-Oct-16	01-Nov-16
E-ATA-GH-1160	Deshuttering of Walls	2.00	01-Nov-16	03-Nov-16
E-ATA-GH-1170	Form/Steel Rebar for the Roof Slab	7.00	03-Nov-16	14-Nov-16
E-ATA-GH-1180	Cast Reinforced Concrete for the Roof Slab	1.00	14-Nov-16	16-Nov-16
E-ATA-GH-1190	Concrete Curing for the Roof Slab	7.00	16-Nov-16	24-Nov-16
E-ATA-GH-1200	Deshuttering for the Roof Slab & Backfilling	1.00	11-Dec-16	13-Dec-16
Finishing Works				
E-ATA-GH-1210	Furnish and install interior CMU Walls and inside face Veneer	4.00	13-Dec-16	20-Dec-16
E-ATA-GH-1240	Furnish & Install Interior & Exterior Plaster & Water Tight	8.00	02-Jan-17	18-Jan-17
E-ATA-GH-1280	Furnish & install Floor Tiles,Wall Tiles & Base Materials	5.00	25-Jan-17	31-Jan-17
E-ATA-GH-1290	Furnish & Install Doors, Windows & All Metal Works including hatches, vents, ladders, railings	15.00	25-Jan-17	12-Feb-17
E-ATA-GH-1300	Furnish & Install All Architectural Elements, Kitchen Equipment & Furniture including Stone Coping and Coating	15.00	25-Jan-17	12-Feb-17
Mechanical Works				
E-ATA-GH-1080	Furnish & Install of Utility Piping including Pipe Supports & Valves	2.00	27-Sep-16	29-Sep-16
E-ATA-GH-1340	Clean & Presure Test	2.00	12-Feb-17	14-Feb-17
E-ATA-GH-1350	Furnish & Install Miscellaneous Plumbing Components	2.00	12-Feb-17	14-Feb-17
Electrical & Instrumentation Works				
E-ATA-GH-1130	Grounding System	1.00	13-Oct-16	15-Oct-16
E-ATA-GH-1220	Furnish and install conduit, Panels, Cables and devices complete	5.00	13-Dec-16	21-Dec-16
E-ATA-GH-1230	Installation of Lightening Protection System Lighting Cables, panels, wires, conduits, cables, lights and receptacles	7.00	20-Dec-16	02-Jan-17
E-ATA-GH-1250	Furnish, Install Process Control & Instrumentation & HMI	8.00	02-Jan-17	18-Jan-17
E-ATA-GH-1420	Test & Comission of Electrical System	10.00	26-Mar-17	06-Apr-17
HVAC-Plumping				

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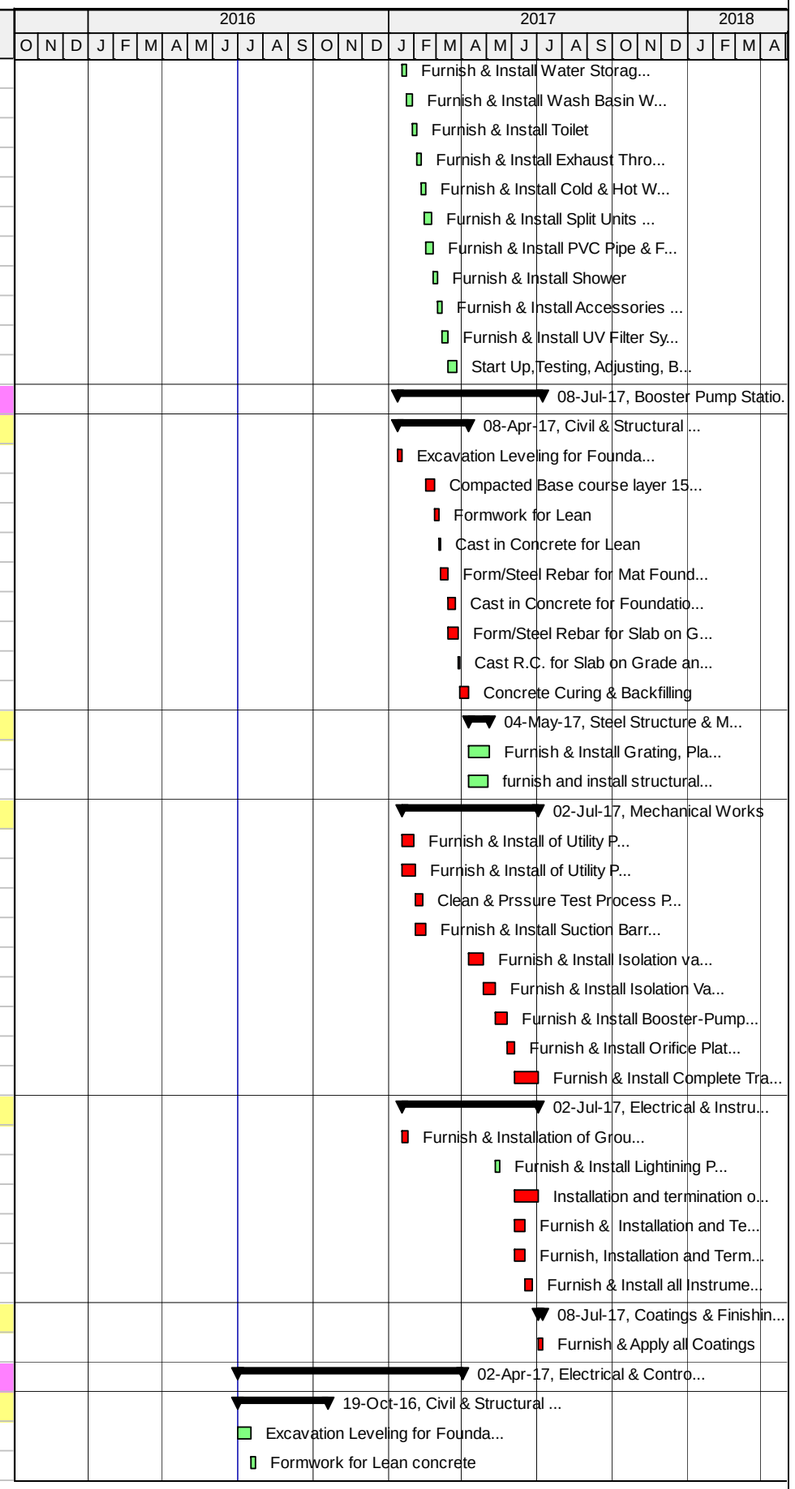
Activity ID	Activity Name	Original Duration	Start	Finish
E-ATA-GH-1260	Furnish & Install Water Storage Tank & Solar System	5.00	18-Jan-17	24-Jan-17
E-ATA-GH-1270	Furnish & Install Wash Basin With Mixer	5.00	24-Jan-17	30-Jan-17
E-ATA-GH-1310	Furnish & Install Toilet	5.00	30-Jan-17	05-Feb-17
E-ATA-GH-1320	Furnish & Install Exhaust Through Wall Ventilation	5.00	05-Feb-17	11-Feb-17
E-ATA-GH-1330	Furnish & Install Cold & Hot Water Pipe	5.00	11-Feb-17	16-Feb-17
E-ATA-GH-1360	Furnish & Install Split Units Air Conditioning Unit	5.00	14-Feb-17	22-Feb-17
E-ATA-GH-1370	Furnish & Install PVC Pipe & Fittings	5.00	16-Feb-17	25-Feb-17
E-ATA-GH-1380	Furnish & Install Shower	5.00	25-Feb-17	02-Mar-17
E-ATA-GH-1390	Furnish & Install Accessories for Sanitary Units	5.00	02-Mar-17	08-Mar-17
E-ATA-GH-1400	Furnish & Install UV Filter System	5.00	08-Mar-17	14-Mar-17
E-ATA-GH-1410	Start Up,Testing, Adjusting, Balancing, Cleaning,etc.	10.00	14-Mar-17	26-Mar-17
Booster Pump Station				
Civil & Structural Works				
E-ATA-BP-1000	Excavation Leveling for Foundation	5.00	12-Jan-17	18-Jan-17
E-ATA-BP-1060	Compacted Base course layer 15cm for Booster Pump Slab	7.00	16-Feb-17	27-Feb-17
E-ATA-BP-1070	Formwork for Lean	4.00	27-Feb-17	04-Mar-17
E-ATA-BP-1080	Cast in Concrete for Lean	1.00	04-Mar-17	05-Mar-17
E-ATA-BP-1090	Form/Steel Rebar for Mat Foundation	8.00	05-Mar-17	14-Mar-17
E-ATA-BP-1100	Cast in Concrete for Foundation and Concrete Curing	8.00	14-Mar-17	23-Mar-17
E-ATA-BP-1110	Form/Steel Rebar for Slab on Grade and Walls of Booster Pump	11.00	14-Mar-17	27-Mar-17
E-ATA-BP-1120	Cast R.C. for Slab on Grade and Walls of Booster Pump	2.00	27-Mar-17	29-Mar-17
E-ATA-BP-1130	Concrete Curing & Backfilling	8.00	29-Mar-17	08-Apr-17
Steel Structure & Metal Works				
E-ATA-BP-1140	Furnish & Install Grating, Plates, embeds, Ladders,..etc.	20.00	08-Apr-17	04-May-17
E-ATA-BP-1150	furnish and install structural steel and roofing including roof hatches	18.00	08-Apr-17	02-May-17
Mechanical Works				
E-ATA-BP-1010	Furnish & Install of Utility Piping Under 50mm Including Pipe Supports & Valves	12.00	18-Jan-17	01-Feb-17
E-ATA-BP-1020	Furnish & Install of Utility Piping above 50mm Including Pipe Supports & Valves	13.00	18-Jan-17	02-Feb-17
E-ATA-BP-1040	Clean & Prssure Test Process Piping	7.00	02-Feb-17	11-Feb-17
E-ATA-BP-1050	Furnish & Install Suction Barrel for Future Pump	12.00	02-Feb-17	16-Feb-17
E-ATA-BP-1160	Furnish & Install Isolation valves and Flow Meter on Discharge Head	15.00	08-Apr-17	27-Apr-17
E-ATA-BP-1170	Furnish & Install Isolation Valves & Pipes Above 80mm	11.00	27-Apr-17	11-May-17
E-ATA-BP-1190	Furnish & Install Booster-Pump Control Valve , Check Valve	12.00	11-May-17	25-May-17
E-ATA-BP-1200	Furnish & Install Orifice Plates	5.00	25-May-17	04-Jun-17
E-ATA-BP-1210	Furnish & Install Complete Transmission System Pumps	14.00	04-Jun-17	02-Jul-17
Electrical & Instrumentation Works				
E-ATA-BP-1030	Furnish & Installation of Grounding System, Exposed Conduits, Ductbanks & Raceway	5.00	18-Jan-17	24-Jan-17
E-ATA-BP-1180	Furnish & Install Lightining Protection, Recepticles & Process Control Instrumentation	5.00	11-May-17	17-May-17
E-ATA-BP-1220	Installation and termination of transmission pump power and controls wire including boxes,supports …etc	14.00	04-Jun-17	02-Jul-17
E-ATA-BP-1230	Furnish & Installation and Termination of Booster Control Valves Pump Power ..etc	7.00	04-Jun-17	17-Jun-17
E-ATA-BP-1240	Furnish, Installation and Termination of Miscellaneous Power..etc	7.00	04-Jun-17	17-Jun-17
E-ATA-BP-1250	Furnish & Install all Instruments	5.00	17-Jun-17	26-Jun-17
Coatings & Finishing Works				
E-ATA-BP-1260	Furnish & Apply all Coatings	5.00	02-Jul-17	08-Jul-17
Electrical & Control Building				
Civil & Structural Works				
E-ATA-ECB-1000	Excavation Leveling for Foundation and Furnishing, leveling, and compacting of of selected backfill	10.00	02-Jul-16	18-Jul-16
E-ATA-ECB-1010	Formwork for Lean concrete	4.00	18-Jul-16	23-Jul-16



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Activity ID	Activity Name	Original Duration	Start	Finish
E-ATA-ECB-1020	Cast in Concrete for Lean	1.00	23-Jul-16	24-Jul-16
E-ATA-ECB-1030	Form/Steel Rebar for Foundation	4.00	24-Jul-16	28-Jul-16
E-ATA-ECB-1050	Cast Concrete for Foundation	1.00	30-Jul-16	31-Jul-16
E-ATA-ECB-1070	Concrete Curing for Foundation	7.00	31-Jul-16	08-Aug-16
E-ATA-ECB-1080	Form/Steel Rebar for Slab on Grade & Compacted Basecourse layer 20cm	10.00	31-Jul-16	11-Aug-16
E-ATA-ECB-1090	Cast R.C. for the Slab on Grade	1.00	11-Aug-16	13-Aug-16
E-ATA-ECB-1100	Concrete Curing for the Slab on Grade	7.00	13-Aug-16	21-Aug-16
E-ATA-ECB-1110	Form/Steel Rebar for the Walls	10.00	13-Aug-16	24-Aug-16
E-ATA-ECB-1120	Cast Reinforced Concrete for the Walls	1.00	24-Aug-16	25-Aug-16
E-ATA-ECB-1130	Deshuttering & Curing For Walls	7.00	28-Aug-16	05-Sep-16
E-ATA-ECB-1140	Form/Steel Rebar for the Roof Slab	5.00	05-Sep-16	15-Sep-16
E-ATA-ECB-1150	Cast Reinforced Concrete for the Roof Slab	1.00	15-Sep-16	17-Sep-16
E-ATA-ECB-1170	Concrete Curing for the Roof Slab	7.00	17-Sep-16	25-Sep-16
E-ATA-ECB-1180	Deshuttering for the Roof Slab & Backfilling	7.00	11-Oct-16	19-Oct-16
Finishing Works				
E-ATA-ECB-1190	Furnish & Install Interior Walls	10.00	19-Oct-16	31-Oct-16
E-ATA-ECB-1200	Furnish & Install Interior & Exterior Plaster & Coatings	10.00	19-Oct-16	31-Oct-16
E-ATA-ECB-1210	Furnish & Install Metal Wors,Hatches, Vents, Ladders, Grating etc	10.00	19-Oct-16	31-Oct-16
E-ATA-ECB-1230	Furnish & Install insulation, Roofing, Coping and All Items etc	11.00	02-Nov-16	19-Nov-16
E-ATA-ECB-1240	Furnish & install Floor Tiles & Base Materials	6.00	09-Nov-16	17-Nov-16
E-ATA-ECB-1250	Furnish & Install Doors and Windows	6.00	09-Nov-16	17-Nov-16
E-ATA-ECB-1260	Furnish & Install All Architectural Elements,Coping , Furniture, Fittings & Equipment	6.00	09-Nov-16	17-Nov-16
Mechanical Works				
E-ATA-ECB-1220	Furnish & Install of Utility Piping including Pipe Supports & Valves	10.00	19-Oct-16	31-Oct-16
E-ATA-ECB-1280	Start-Up, Testing, Adjusting, Balancing, Cleaning, Disinfection, Commissioning, and Operator Instruction	11.00	19-Nov-16	01-Dec-16
E-ATA-ECB-1290	Furnish & Install fire extinguishers	11.00	19-Nov-16	01-Dec-16
Electrical & Instrumentation Works				
E-ATA-ECB-1040	Grounding System	1.00	28-Jul-16	30-Jul-16
E-ATA-ECB-1060	Lightening Protection System	10.00	30-Oct-16	13-Nov-16
E-ATA-ECB-1160	Furnish and installation of panels, wires, conduits, cables, lights and receptacles	8.00	15-Sep-16	25-Sep-16
E-ATA-ECB-1270	Furnish & Installation of Fire Alarm Devices	8.00	09-Nov-16	20-Nov-16
E-ATA-ECB-1300	Furnish & Install Motor Control Center (MCC) Including Short Circuit Analysis	10.00	13-Feb-17	26-Feb-17
E-ATA-ECB-1310	Furnish & Installtion of Low Voltage VFD	10.00	13-Feb-17	26-Feb-17
E-ATA-ECB-1320	Supply & Install Control System Software (PLC, HMI)	20.00	27-Feb-17	21-Mar-17
HVAC-Plumping				
E-ATA-ECB-1330	Exhaust Fans, Ductwork, Grilles & HVAC Control Panels	5.00	22-Mar-17	27-Mar-17
E-ATA-ECB-1340	Furnish & Install Packaged Roof Top Air Conditioning Units	5.00	22-Mar-17	27-Mar-17
E-ATA-ECB-1350	Furnish &Install Exhaust & Supply Ductwork	5.00	28-Mar-17	02-Apr-17
E-ATA-ECB-1360	Furnish & Install Supply & Return Grills	5.00	28-Mar-17	02-Apr-17
E-ATA-ECB-1370	Furnish & Install Split System Air Conditioning Units	5.00	28-Mar-17	02-Apr-17
Yard Works & Site Electrical Power				
External & Finishing Works				
E-ATA-YW-1050	Furnish and install Standard Design Valve Vault Refer to S-RVV1 & S-RVV2 and Grinder Pump	7.00	13-Dec-16	27-Dec-16
E-ATA-YW-1060	Compacted Base course for site grading, 200 mm layer	10.00	27-Dec-16	16-Jan-17
E-ATA-YW-1070	Furnish & Install All Gates & Steel Fence	9.00	16-Jan-17	26-Jan-17
E-ATA-YW-1090	Curb Stones & Side Walk Works	5.00	26-Jan-17	01-Feb-17
E-ATA-YW-1100	Furnish and install reinforced concrete pad	7.00	01-Feb-17	09-Feb-17
E-ATA-YW-1120	Furnish & Install Asphalt Pavement	7.00	09-Feb-17	18-Feb-17

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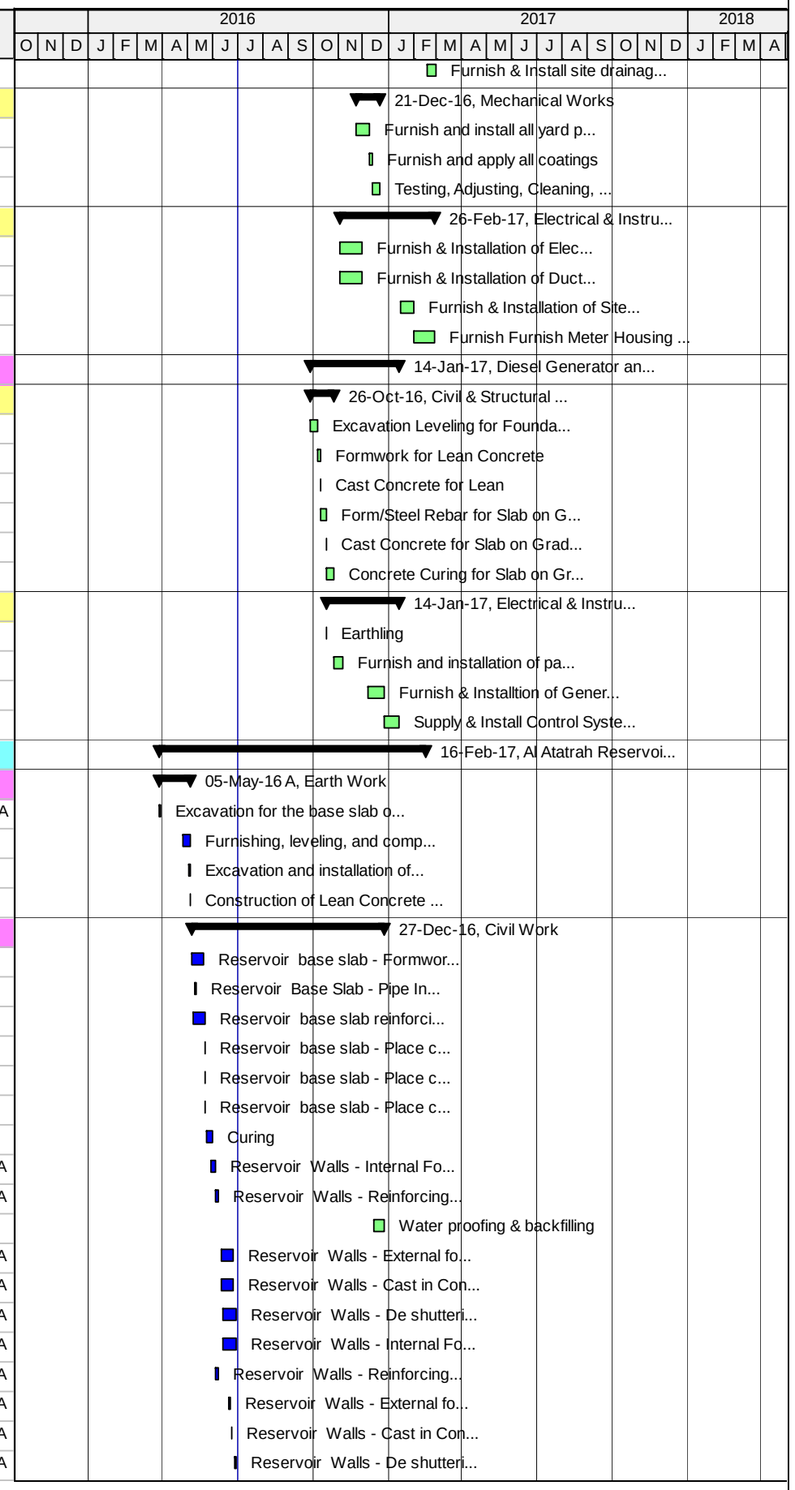
Activity ID	Activity Name	Original Duration	Start	Finish
E-ATA-YW-1130	Furnish & Install site drainage outlet	8.00	18-Feb-17	01-Mar-17
Mechanical Works				
E-ATA-YW-1020	Furnish and install all yard piping , mechanical equipment & Valves	14.00	22-Nov-16	08-Dec-16
E-ATA-YW-1030	Furnish and apply all coatings	3.00	08-Dec-16	13-Dec-16
E-ATA-YW-1040	Testing, Adjusting, Cleaning, Disinfection of Plumbing and Mechanical Systems	5.00	13-Dec-16	21-Dec-16
Electrical & Instrumentation Works				
E-ATA-YW-1000	Furnish & Installation of Electrical Manholes and Electrical Utility power supply	20.00	03-Nov-16	30-Nov-16
E-ATA-YW-1010	Furnish & Installation of Ductbanks	20.00	03-Nov-16	30-Nov-16
E-ATA-YW-1080	Furnish & Installation of Site Lights	15.00	16-Jan-17	02-Feb-17
E-ATA-YW-1110	Furnish Furnish Meter Housing and Perform Protective Device and Coordination Studies	18.00	02-Feb-17	26-Feb-17
Diesel Generator and Transfromer Pad				
Civil & Structural Works				
E-ATA-DG-1000	Excavation Leveling for Foundation and Furnishing, leveling, and compacting of of selected backfill	7.00	28-Sep-16	06-Oct-16
E-ATA-DG-1010	Formwork for Lean Concrete	3.00	06-Oct-16	10-Oct-16
E-ATA-DG-1020	Cast Concrete for Lean	1.00	10-Oct-16	11-Oct-16
E-ATA-DG-1030	Form/Steel Rebar for Slab on Grade of Generator and Transformer Pad	4.75	11-Oct-16	17-Oct-16
E-ATA-DG-1050	Cast Concrete for Slab on Grade of Generator and Transformer Pad	1.00	17-Oct-16	18-Oct-16
E-ATA-DG-1060	Concrete Curing for Slab on Grade of Generator and Transformer Pad	7.00	18-Oct-16	26-Oct-16
Electrical & Instrumentation Works				
E-ATA-DG-1040	Earthling	0.25	17-Oct-16	17-Oct-16
E-ATA-DG-1070	Furnish and installation of panels, wires, conduits, cables, lights and receptacles	8.00	26-Oct-16	07-Nov-16
E-ATA-DG-1080	Furnish & Installtion of Generator and Transformer	10.00	08-Dec-16	27-Dec-16
E-ATA-DG-1090	Supply & Install Control System Hardware	8.00	27-Dec-16	14-Jan-17
Al Atatrah Reservoir - Construction of new 3,800 m3				
Earth Work				
E-ATA-RES-1000	Excavation for the base slab of the Reservoir	4.00	28-Mar-16 A	30-Mar-16 A
E-ATA-RES-1020	Furnishing, leveling, and compacting of selected backfill	15.00	25-Apr-16 A	05-May-16
E-ATA-RES-1040	Excavation and installation of Sugrade piping (Perforated, Outlet & Washout) including Concree encasement	6.00	03-May-16	04-May-16
E-ATA-RES-1050	Construction of Lean Concrete under Reservoir	3.00	05-May-16	05-May-16
Civil Work				
E-ATA-RES-1060	Reservoir base slab - Formwork	5.00	07-May-16	21-May-16
E-ATA-RES-1070	Reservoir Base Slab - Pipe Inserts	2.00	10-May-16	12-May-16
E-ATA-RES-1080	Reservoir base slab reinforcing steel & water stop installation	7.00	08-May-16	22-May-16
E-ATA-RES-1100	Reservoir base slab - Place concrete (Stage 1 - Part A,C,H,L)	1.00	23-May-16	23-May-16
E-ATA-RES-1110	Reservoir base slab - Place concrete (Stage 2 - Part B,D,F,J)	1.00	23-May-16	23-May-16
E-ATA-RES-1120	Reservoir base slab - Place concrete (Stage 3 - Column Footing)	1.00	23-May-16	23-May-16
E-ATA-RES-1130	Curing	7.00	24-May-16	31-May-16
E-ATA-RES-1140	Reservoir Walls - Internal Formwork (first cycle - Part 1)	2.00	30-May-16	05-Jun-16 A
E-ATA-RES-1150	Reservoir Walls - Reinforcing steel & vertical water stop installation (first cycle - Part 1)	5.75	05-Jun-16 A	09-Jun-16 A
E-ATA-RES-1160	Water proofing & backfilling	6.00	14-Dec-16	27-Dec-16
E-ATA-RES-1170	Reservoir Walls - External formwork - (first cycle - Part 1)	2.00	11-Jun-16 A	26-Jun-16 A
E-ATA-RES-1180	Reservoir Walls - Cast in Concrete - (first cycle - Part 1)	1.00	12-Jun-16 A	27-Jun-16 A
E-ATA-RES-1190	Reservoir Walls - De shuttering of formwork (first cycle - Part 1)	2.00	14-Jun-16 A	29-Jun-16 A
E-ATA-RES-1200	Reservoir Walls - Internal Formwork (first cycle - Part 2)	2.00	14-Jun-16 A	29-Jun-16 A
E-ATA-RES-1210	Reservoir Walls - Reinforcing steel & vertical water stop installation (first cycle - Part 2)	5.00	05-Jun-16 A	09-Jun-16 A
E-ATA-RES-1220	Reservoir Walls - External formwork - (first cycle - Part 2)	1.25	20-Jun-16 A	23-Jun-16 A
E-ATA-RES-1230	Reservoir Walls - Cast in Concrete - (first cycle - Part 2)	1.00	24-Jun-16 A	24-Jun-16 A
E-ATA-RES-1240	Reservoir Walls - De shuttering of formwork (first cycle - Part 2)	2.00	28-Jun-16 A	30-Jun-16 A



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Activity ID	Activity Name	Original Duration	Start	Finish
E-ATA-RES-1250	Reservoir Walls - Internal Formwork (Second cycle - Part 1)	2.00	02-Jul-16	09-Jul-16
E-ATA-RES-1260	Reservoir Walls - Reinforcing steel & vertical water stop installation (Second cycle - Part 1)	5.00	10-Jul-16	16-Jul-16
E-ATA-RES-1270	Reservoir Walls - External formwork - (Second cycle - Part 1)	2.00	16-Jul-16	18-Jul-16
E-ATA-RES-1280	Reservoir Walls - Cast in Concrete - (Second cycle - Part 1)	1.00	18-Jul-16	19-Jul-16
E-ATA-RES-1290	Reservoir Walls - De shuttering of formwork - (Second cycle - Part 1)	2.00	21-Jul-16	24-Jul-16
E-ATA-RES-1300	Reservoir Walls - Internal Formwork (Second cycle - Part 2)	2.00	24-Jul-16	26-Jul-16
E-ATA-RES-1310	Reservoir Walls - Reinforcing steel & vertical water stop installation (Second cycle - Part 2)	5.00	27-Jul-16	02-Aug-16
E-ATA-RES-1320	Reservoir Walls - External formwork - (Second cycle - Part 2)	2.00	02-Aug-16	04-Aug-16
E-ATA-RES-1330	Reservoir Walls - Cast in Concrete - (Second cycle - Part 2)	1.00	04-Aug-16	06-Aug-16
E-ATA-RES-1340	Reservoir Walls - De shuttering of formwork - (Second cycle - Part 2)	2.00	08-Aug-16	10-Aug-16
E-ATA-RES-1350	Reservoir Walls - Internal Formwork (Third cycle - Part 1)	2.00	10-Aug-16	13-Aug-16
E-ATA-RES-1360	Reservoir Walls - Reinforcing steel & vertical water stop installation (Third cycle - Part 1)	5.00	14-Aug-16	20-Aug-16
E-ATA-RES-1370	Reservoir Walls - External formwork - (Third cycle - Part 1)	2.00	20-Aug-16	22-Aug-16
E-ATA-RES-1380	Reservoir Walls - Cast in Concrete - (Third cycle - Part 1) , including installation of Seismic cans	1.00	22-Aug-16	23-Aug-16
E-ATA-RES-1390	Reservoir Walls - De shuttering of formwork - (Third cycle - Part 1)	2.00	25-Aug-16	28-Aug-16
E-ATA-RES-1400	Reservoir Walls - Internal Formwork (Third cycle - Part 2)	2.00	28-Aug-16	30-Aug-16
E-ATA-RES-1410	Reservoir Walls - Reinforcing steel & vertical water stop installation (Third cycle - Part 2)	5.00	31-Aug-16	06-Sep-16
E-ATA-RES-1420	Reservoir Walls - External formwork - (Third cycle - Part 2)	2.00	06-Sep-16	08-Sep-16
E-ATA-RES-1430	Reservoir Walls - Cast in Concrete - (Third cycle - Part 2) including installation of Seismic cans	1.00	08-Sep-16	14-Sep-16
E-ATA-RES-1440	Reservoir Walls - De shuttering of formwork - (Third cycle - Part 2)	2.00	17-Sep-16	19-Sep-16
E-ATA-RES-1460	Reservoir Roof Slab - Formwork	12.00	19-Sep-16	03-Oct-16
E-ATA-RES-1470	Reservoir Roof Slab - Reinforcing steel & Constuction Joints Installation	8.00	03-Oct-16	12-Oct-16
E-ATA-RES-1480	Reservoir Roof Slab - Place concrete (Stage 1-Part A & C)	1.00	12-Oct-16	13-Oct-16
E-ATA-RES-1490	Reservoir Roof Slab - Place concrete (Stage 2-Part B & D)	1.00	19-Oct-16	20-Oct-16
E-ATA-RES-1590	Deshuttering Formwork for Roof Slab	5.00	08-Nov-16	14-Nov-16
Mechanical Work				
E-ATA-RES-1500	Install buried & Non buried steel pipes & fittings- Outlet	5.00	18-Jan-17	23-Jan-17
E-ATA-RES-1530	Install buried steel pipes & fittings - Washout	5.00	24-Jan-17	29-Jan-17
E-ATA-RES-1560	Install buried & Non buried steel pipes & fittings - Inlet	3.00	30-Jan-17	01-Feb-17
E-ATA-RES-1570	Install buried steel pipes & fittings - Overflow	3.00	02-Feb-17	05-Feb-17
E-ATA-RES-1600	Test, Adjust, Clean, Disinfection, commission,Operate,etc	10.00	06-Feb-17	16-Feb-17
Electrical Work				
E-ATA-RES-1090	Installing Earthling System	5.00	22-May-16	10-Jul-16
E-ATA-RES-1520	Duct Bank & manholes construction	14.00	20-Oct-16	08-Nov-16
E-ATA-RES-1580	Construct Bases for external power lighting	10.00	08-Nov-16	21-Nov-16
E-ATA-RES-1640	Cable pulling	5.00	21-Nov-16	27-Nov-16
E-ATA-RES-1660	Distribution Board installation	6.00	27-Nov-16	04-Dec-16
E-ATA-RES-1680	Cables termination	6.00	04-Dec-16	11-Dec-16
E-ATA-RES-1690	Cable testing & meggaring	3.00	11-Dec-16	18-Dec-16
E-ATA-RES-1700	Install Instruments and lighting Protection System	7.00	18-Dec-16	29-Dec-16
E-ATA-RES-1720	Control cables pulling and termination	7.00	29-Dec-16	15-Jan-17
Finishing Work				
E-ATA-RES-1010	Installing steel mesh fence	7.00	07-Aug-16	15-Aug-16
E-ATA-RES-1030	Installation of Access Gate	1.00	15-Aug-16	16-Aug-16
E-ATA-RES-1450	Repair & applying external paint for the reservoir	14.00	19-Sep-16	05-Oct-16
E-ATA-RES-1510	Fixing Roof Ventilation	1.00	20-Oct-16	22-Oct-16
E-ATA-RES-1540	Installing Hand Rail	2.00	29-Oct-16	31-Oct-16
E-ATA-RES-1550	Fixing external ladder	1.00	31-Oct-16	01-Nov-16

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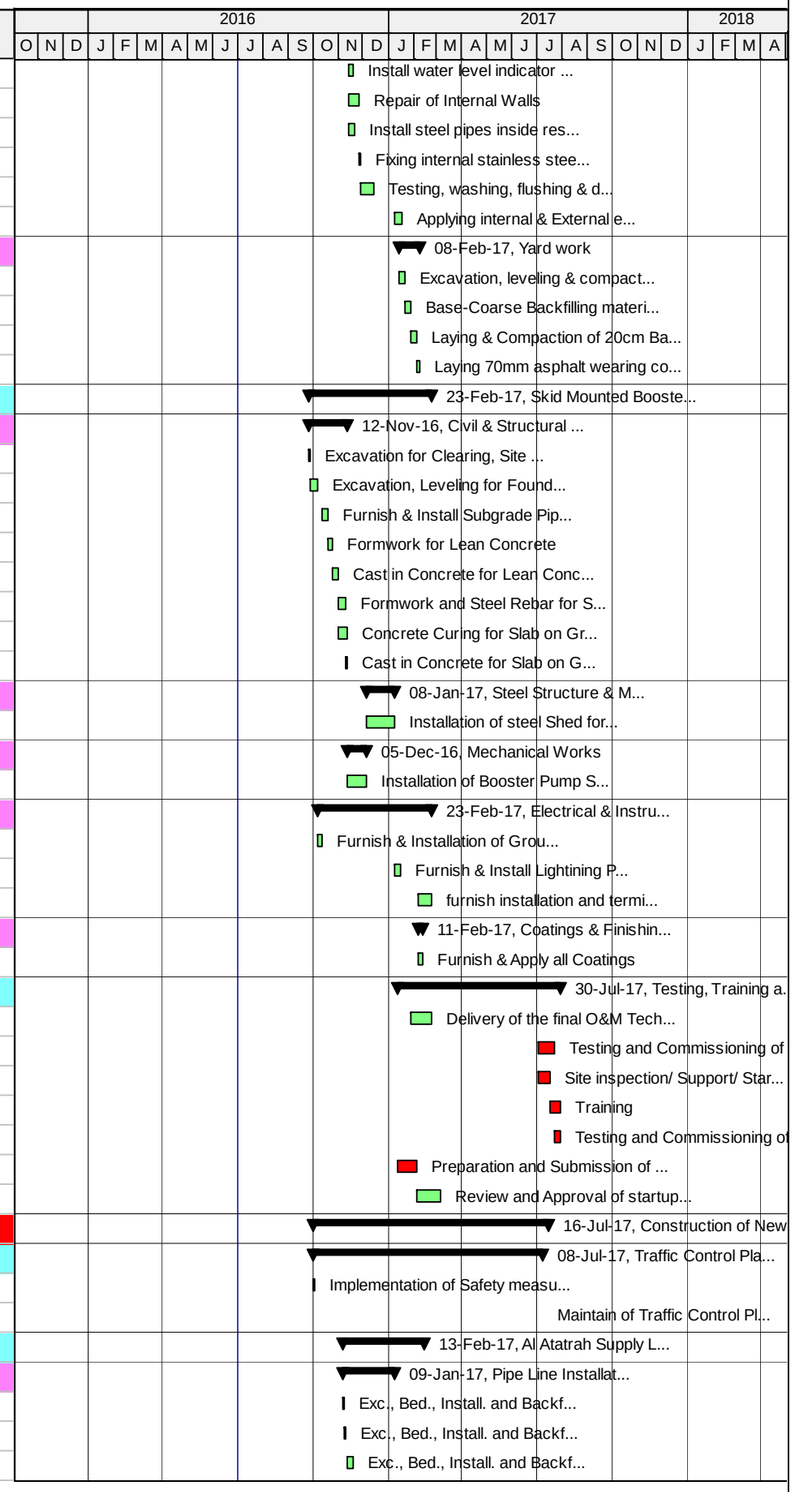
Activity ID	Activity Name	Original Duration	Start	Finish
E-ATA-RES-1610	Install water level indicator & Access Hatches	3.00	14-Nov-16	19-Nov-16
E-ATA-RES-1620	Repair of Internal Walls	10.00	14-Nov-16	27-Nov-16
E-ATA-RES-1630	Install steel pipes inside reservoir - Outlet	5.00	14-Nov-16	21-Nov-16
E-ATA-RES-1650	Fixing internal stainless steel access ladder	1.00	27-Nov-16	28-Nov-16
E-ATA-RES-1670	Testing, washing, flushing & disinfection	13.00	28-Nov-16	14-Dec-16
E-ATA-RES-1710	Applying internal & External epoxy paint for the reservoir	6.00	09-Jan-17	18-Jan-17
Yard work				
E-ATA-RES-1730	Excavation, leveling & compacting Subgrade	6.00	15-Jan-17	22-Jan-17
E-ATA-RES-1740	Base-Coarse Backfilling material	6.00	22-Jan-17	29-Jan-17
E-ATA-RES-1750	Laying & Compaction of 20cm Base-Coarse	5.00	29-Jan-17	04-Feb-17
E-ATA-RES-1760	Laying 70mm asphalt wearing course	4.00	04-Feb-17	08-Feb-17
Skid Mounted Booster Pump				
Civil & Structural Works				
E-ATA-LBP-1000	Excavation for Clearing, Site Grading & Preparation	2.00	26-Sep-16	28-Sep-16
E-ATA-LBP-1010	Excavation, Leveling for Foundation and Furnishing, leveling, and compacting of selected backfill	7.00	28-Sep-16	06-Oct-16
E-ATA-LBP-1030	Furnish & Install Subgrade Piping including Excavation	6.00	12-Oct-16	19-Oct-16
E-ATA-LBP-1040	Formwork for Lean Concrete	5.00	19-Oct-16	25-Oct-16
E-ATA-LBP-1050	Cast in Concrete for Lean Concrete	5.00	25-Oct-16	31-Oct-16
E-ATA-LBP-1060	Formwork and Steel Rebar for Slab on Grade of Booster Pump	7.00	31-Oct-16	10-Nov-16
E-ATA-LBP-1070	Concrete Curing for Slab on Grade of Booster Pump	7.00	01-Nov-16	12-Nov-16
E-ATA-LBP-1080	Cast in Concrete for Slab on Grade of Booster Pump	1.00	10-Nov-16	12-Nov-16
Steel Structure & Metal Works				
E-ATA-LBP-1100	Installation of steel Shed for Booster Pump	18.00	05-Dec-16	08-Jan-17
Mechanical Works				
E-ATA-LBP-1090	Installation of Booster Pump Skid including Pump	19.00	12-Nov-16	05-Dec-16
Electrical & Instrumentation Works				
E-ATA-LBP-1020	Furnish & Installation of Grounding , Ductbanks & Raceway	5.00	06-Oct-16	12-Oct-16
E-ATA-LBP-1110	Furnish & Install Lightining Protection, Recepticles,wires,conduits,cables & Process Control Instrumentation	5.00	08-Jan-17	16-Jan-17
E-ATA-LBP-1130	furnish installation and termination of transmission pump power and controls wire	14.00	06-Feb-17	23-Feb-17
Coatings & Finishing Works				
E-ATA-LBP-1120	Furnish & Apply all Coatings	5.00	06-Feb-17	11-Feb-17
Testing, Training and Commissioning				
E-ATA-2970	Delivery of the final O&M Technical Manuals	20.00	29-Jan-17	23-Feb-17
E-ATA-3120	Testing and Commissioning of Electrical and Control System and Equipment	17.00	02-Jul-17	22-Jul-17
E-ATA-3220	Site inspection/ Support/ Start up	14.00	02-Jul-17	18-Jul-17
E-ATA-3270	Training	9.00	18-Jul-17	29-Jul-17
E-ATA-3280	Testing and Commissioning of the entire system	8.00	22-Jul-17	30-Jul-17
E-ATA-7625	Preparation and Submission of startup, testing, and commissioning plan and schedule to the Engineer	20.00	12-Jan-17	05-Feb-17
E-ATA-7635	Review and Approval of startup, testing, and commissioning plan and schedule to the Engineer	21.00	05-Feb-17	06-Mar-17
Construction of New Supply & Distribution Pipelines				
Traffic Control Plan and Safety measures				
E-ATA-7605	Implementation of Safety measures and Traffic Control Plan for Al Atatrah pipe lines	2.00	01-Oct-16	02-Oct-16
E-ATA-7615	Maintain of Traffic Control Plan and Safety measures for Al Atatrah pipe lines	204.75	03-Oct-16	08-Jul-17
Al Atatrah Supply Line 1, Dist. Line 1 TD1 1+000 to 1+085, Dist. Line 2 from TD2 1+000 to TD2 1+477				
Pipe Line Installation				
E-ATA-SDP-1090	Exc., Bed., Install. and Backfill. Supply Line 1 from TS1 1+000 to TS1 1+085 (TS1-280mm)	2.00	07-Nov-16	08-Nov-16
E-ATA-SDP-1130	Exc., Bed., Install. and Backfill. Supply Line 1 & Dist. Line 1 from TS1 1+085 to TS1 1+150 (TS1-280mm, TD1-355mm)	2.00	09-Nov-16	10-Nov-16
E-ATA-SDP-1150	Exc., Bed., Install. and Backfill. Supply Line 1 & Dist. Line 2 from TS1 1+150 to TS1 1+625.06 (TS1-280mm, TD2-315mm)	6.00	12-Nov-16	19-Nov-16



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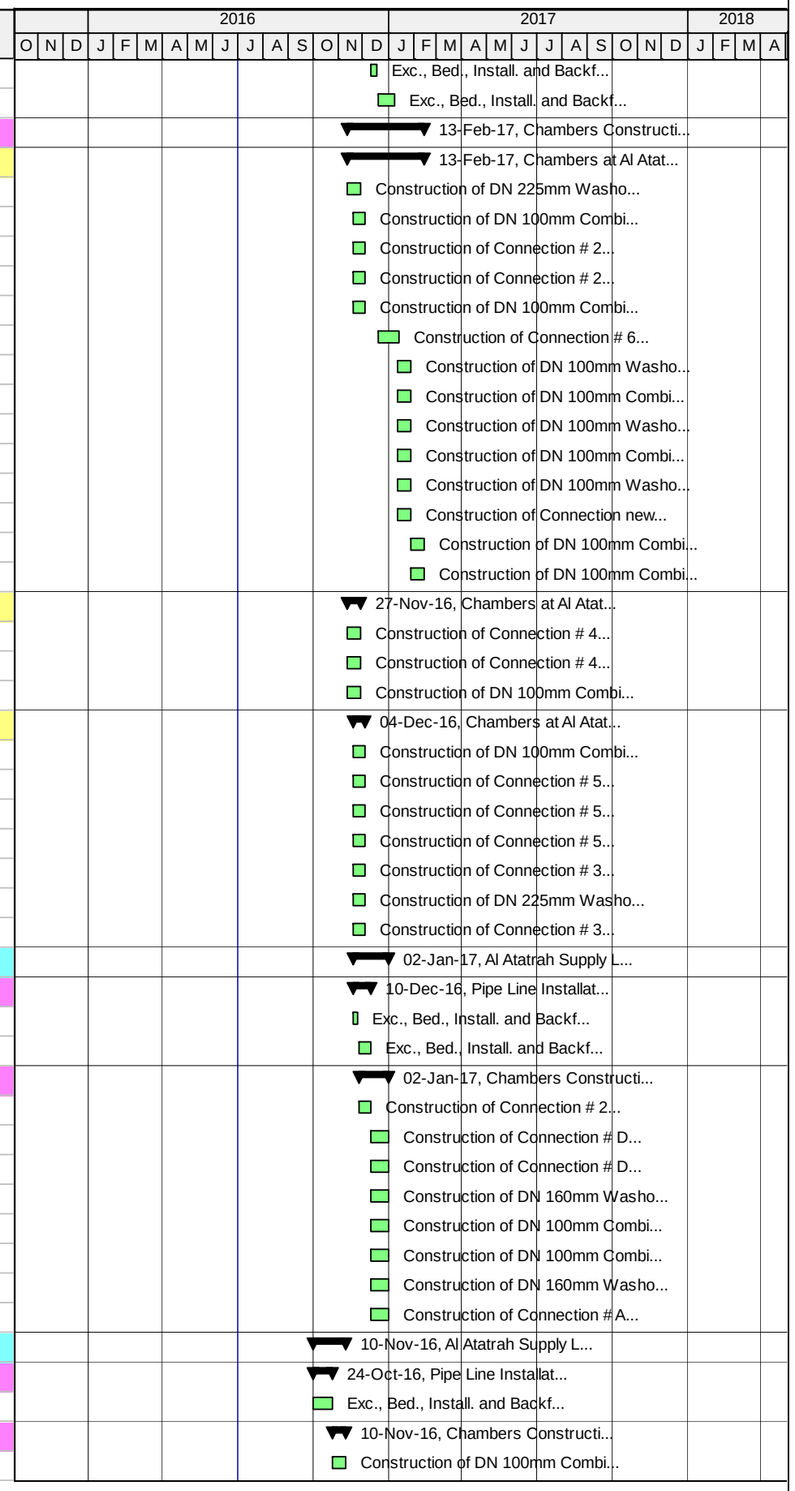
Activity ID	Activity Name	Original Duration	Start	Finish
E-ATA-SDP-1410	Exc., Bed., Install. and Backfill. Supply Line 1 from TS1 1+625.06 to TS1 1+960 (TS1-225mm (160mm BOQ))	4.00	11-Dec-16	18-Dec-16
E-ATA-SDP-1500	Exc., Bed., Install. and Backfill. Supply Line 1 from TS1 1+960 to TS1 2+961.37 (TS1-160mm)	11.00	19-Dec-16	09-Jan-17
Chambers Construction				
Chambers at Al Atatrah Supply Line 1				
E-ATA-SDP-1140	Construction of DN 225mm Washout and its chamber on DN 280mm pipe at Station TS1 1+130	13.00	12-Nov-16	27-Nov-16
E-ATA-SDP-1190	Construction of DN 100mm Combination Air Valve and its chamber on DN 280mm at Station TS1 1+430	13.00	20-Nov-16	04-Dec-16
E-ATA-SDP-1200	Construction of Connection # 2-02, on Supply Line 1 TS1 at Station 1+619 : Complete DN 225mm flanged Gate Valve	13.00	20-Nov-16	04-Dec-16
E-ATA-SDP-1210	Construction of Connection # 2-03 Supply Line TS1, Station 1+631 : Complete DN 280mm flanged Gate Valve	13.00	20-Nov-16	04-Dec-16
E-ATA-SDP-1220	Construction of DN 100mm Combination Air Valve and its chamber on DN 255mm at Station TS1 1+770	13.00	20-Nov-16	04-Dec-16
E-ATA-SDP-1490	Construction of Connection # 6, Line TS1, Station 1+960 : Complete DN 150mm flanged Gate Valve (Two Chambers)	13.00	19-Dec-16	14-Jan-17
E-ATA-SDP-1540	Construction of DN 100mm Washout and its chamber on DN 160mm pipe at Station TS1 1+980	14.00	12-Jan-17	28-Jan-17
E-ATA-SDP-1550	Construction of DN 100mm Combination Air Valve and its chamber on DN 160mm at Station TS1 2+200	14.00	12-Jan-17	28-Jan-17
E-ATA-SDP-1560	Construction of DN 100mm Washout and its chamber on DN 160mm pipe at Station TS1 2+660	14.00	12-Jan-17	28-Jan-17
E-ATA-SDP-1570	Construction of DN 100mm Combination Air Valve and its chamber on DN 160mm at Station TS1 2+800	14.00	12-Jan-17	28-Jan-17
E-ATA-SDP-1580	Construction of DN 100mm Washout and its chamber on DN 160mm pipe at Station TS1 2+952	14.00	12-Jan-17	28-Jan-17
E-ATA-SDP-1590	Construction of Connection new BL well, Line TS1, Sta. 2+961 Complete DN 160mm flanged Gate Valve	14.00	12-Jan-17	28-Jan-17
E-ATA-SDP-1610	Construction of DN 100mm Combination Air Valve and its chamber on DN 225mm at Station TS1 2+025	14.00	29-Jan-17	13-Feb-17
E-ATA-SDP-1620	Construction of DN 100mm Combination Air Valve and its chamber on DN 225mm at Station TS1 2+370	14.00	29-Jan-17	13-Feb-17
Chambers at Al Atatrah Distribution Line 1				
E-ATA-SDP-1160	Construction of Connection # 4-01, Line TD1, Station 1+016 : Complete DN 300mm flanged BFV	13.00	12-Nov-16	27-Nov-16
E-ATA-SDP-1170	Construction of Connection # 4-02, Line TD1, Station 1+026 : Complete 160mm flanged Gate Valve	13.00	12-Nov-16	27-Nov-16
E-ATA-SDP-1180	Construction of DN 100mm Combination Air Valve and its chamber on DN 355mm at Station TD1 1+085.52	13.00	12-Nov-16	27-Nov-16
Chambers at Al Atatrah Distribution Line 2				
E-ATA-SDP-1240	Construction of DN 100mm Combination Air Valve and its chamber on DN 315mm at Station TD2 1+270	13.00	20-Nov-16	04-Dec-16
E-ATA-SDP-1250	Construction of Connection # 5-01, Line TD2, Station 1+486 : Complete DN 100mm flanged Gate Valve	13.00	20-Nov-16	04-Dec-16
E-ATA-SDP-1260	Construction of Connection # 5-02, Line TD2, Station 1+488 : Complete DN 160mm flanged Gate Valve	13.00	20-Nov-16	04-Dec-16
E-ATA-SDP-1270	Construction of Connection # 5-03, Line TD2, Station 1+492 : Complete DN 110mm flanged Gate Valve	13.00	20-Nov-16	04-Dec-16
E-ATA-SDP-1280	Construction of Connection # 3-01, Line TD2, Station 1+915 : Complete DN 160mm flanged Gate Valve	13.00	20-Nov-16	04-Dec-16
E-ATA-SDP-1290	Construction of DN 225mm Washout and its chamber on DN 315mm pipes at station TD2 1+930	13.00	20-Nov-16	04-Dec-16
E-ATA-SDP-1300	Construction of Connection # 3-02, Line TD2, Station 1+935 : Complete DN 150mm flanged Gate Valve	13.00	20-Nov-16	04-Dec-16
Al Atatrah Supply Line 2				
Pipe Line Installation				
E-ATA-SDP-1230	Exc., Bed., Install. and Backfill. Supply Line 2 & Dist. Line 2 from TS2 1+000 to TS2 1+450 (TS2-225mm, TD2-315mm)	5.00	20-Nov-16	24-Nov-16
E-ATA-SDP-1320	Exc., Bed., Install. and Backfill. Supply Line 2 from TS2 1+450.16 to TS2 2+609.86 (TS2 - 225mm)	13.00	26-Nov-16	10-Dec-16
Chambers Construction				
E-ATA-SDP-1330	Construction of Connection # 2-01, Line TS2, Station 1+005 : Complete DN 280mm flanged Gate Valve	13.00	26-Nov-16	10-Dec-16
E-ATA-SDP-1420	Construction of Connection # D-67-01 well, Line TS2, Sta. 1+469 Complete DN 150mm flanged GV	13.00	11-Dec-16	02-Jan-17
E-ATA-SDP-1430	Construction of Connection # D-67-02 well, Line TS2, Station 1+474: Complete DN 150mm flanged GV	13.00	11-Dec-16	02-Jan-17
E-ATA-SDP-1440	Construction of DN 160mm Washout and its chamber on DN 225mm pipe at Station TS2 1+820	13.00	11-Dec-16	02-Jan-17
E-ATA-SDP-1450	Construction of DN 100mm Combination Air Valve and its chamber on DN 225mm at Station TS2 2+025	13.00	11-Dec-16	02-Jan-17
E-ATA-SDP-1460	Construction of DN 100mm Combination Air Valve and its chamber on DN 225mm at Station TS2 2+370	13.00	11-Dec-16	02-Jan-17
E-ATA-SDP-1470	Construction of DN 160mm Washout and its chamber on DN 225mm pipe at Station TS2 2+480	13.00	11-Dec-16	02-Jan-17
E-ATA-SDP-1480	Construction of Connection # ASLAN well, Line TS2, Station 2+609 : Complete DN 150mm flanged GV	13.00	11-Dec-16	02-Jan-17
Al Atatrah Supply Line 3				
Pipe Line Installation				
E-ATA-SDP-1000	Exc., Bed., Install. and Backfill. Supply Line 3 from TS3 1+000 to TS2 1+970 (TS3 - 280mm)	21.00	01-Oct-16	24-Oct-16
Chambers Construction				
E-ATA-SDP-1010	Construction of DN 100mm Combination Air Valve and its chamber on DN 280mm at Station TS3 1+125	13.00	25-Oct-16	10-Nov-16



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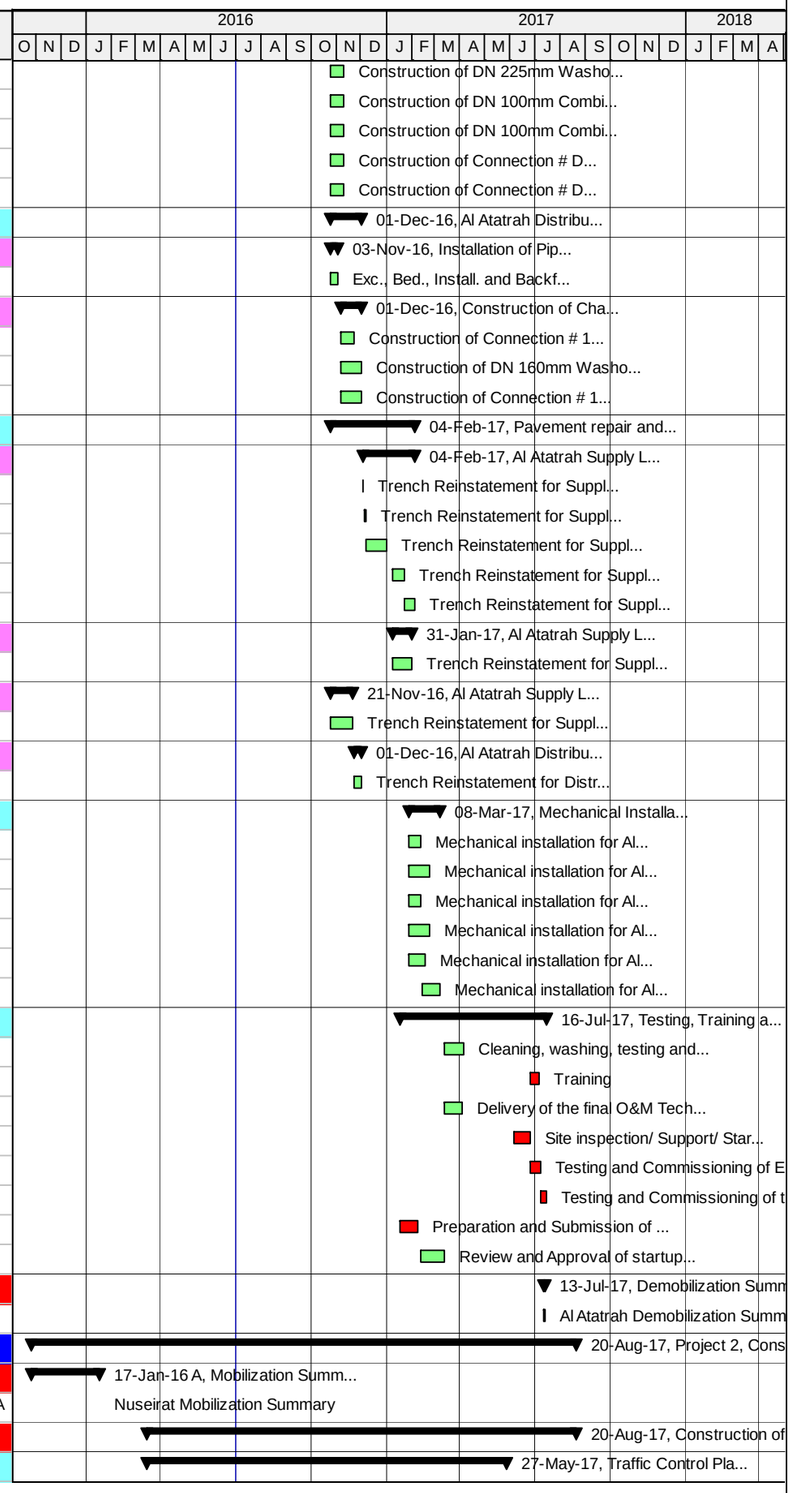
Activity ID	Activity Name	Original Duration	Start	Finish
E-ATA-SDP-1020	Construction of DN 225mm Washout and its chamber on DN 280mm pipe at Station TS3 1+170	13.00	25-Oct-16	10-Nov-16
E-ATA-SDP-1030	Construction of DN 100mm Combination Air Valve and its chamber on DN 280mm at Station TS3 1+270	13.00	25-Oct-16	10-Nov-16
E-ATA-SDP-1040	Construction of DN 100mm Combination Air Valve and its chamber on DN 280mm at Station TS3 1+730	13.00	25-Oct-16	10-Nov-16
E-ATA-SDP-1050	Construction of Connection # D-73-01 Well, Line TS3, Station 1+968 : Complete DN 150mm flanged GV	13.00	25-Oct-16	10-Nov-16
E-ATA-SDP-1060	Construction of Connection # D-73-02 Well, Line TS3, Station 1+970 : Complete DN 150mm flanged GV	13.00	25-Oct-16	10-Nov-16
Al Atatrah Distribution Line 1 from TD1 1+085 to TD1 1+842.22				
Installation of Pipes				
E-ATA-SDP-1070	Exc., Bed., Install. and Backfill. Distribution Line 1 from TD1 1+085.52 to TD1 1+842.22 (TD1 - 225mm)	9.00	25-Oct-16	03-Nov-16
Construction of Chambers				
E-ATA-SDP-1100	Construction of Connection # 1-01, Line TD1, Station 1+825 : Complete DN 150mm flanged PRV	13.00	07-Nov-16	22-Nov-16
E-ATA-SDP-1110	Construction of DN 160mm Washout and its chamber on DN 225mm pipes at Station TD1 1+840	21.00	07-Nov-16	01-Dec-16
E-ATA-SDP-1120	Construction of Connection # 1-02, Line TD1, Station 1+842.22 : Complete DN 110mm flanged PRV	21.00	07-Nov-16	01-Dec-16
Pavement repair and reinstatement				
Al Atatrah Supply Line 1, Dist. Line 1 TD1 1+000 to 1+085, Dist. Line 2 from TD2 1+000 to TD2 1+477				
E-ATA-SDP-1360	Trench Reinstatement for Supply Line 1 from TS1 1+000 to TS1 1+085 (TS1-280mm)	2.00	03-Dec-16	04-Dec-16
E-ATA-SDP-1380	Trench Reinstatement for Supply Line 1 & Dist. Line 1 from TS1 1+065.85 to TS1 1+150 (TS1-280mm, TD1-355mm)	2.00	05-Dec-16	06-Dec-16
E-ATA-SDP-1400	Trench Reinstatement for Supply Line 1 & Dist. Line 2 from TS1 1+150 to TS1 1+625.06 (TS1-280mm, TD2-315mm)	16.00	07-Dec-16	02-Jan-17
E-ATA-SDP-1510	Trench Reinstatement for Supply Line 1 from TS1 1+625.06 to TS1 1+960 (TS1-225mm (160mm BOQ))	11.00	08-Jan-17	22-Jan-17
E-ATA-SDP-1600	Trench Reinstatement for Supply Line 1 from TS1 1+960 to TS1 2+961.37 (TS1-160mm)	11.00	23-Jan-17	04-Feb-17
Al Atatrah Supply Line 2				
E-ATA-SDP-1520	Trench Reinstatement for Supply Line 2 & Dist. Line 2 from TS2 1+000 to TS2 1+450 (TS2-225mm, TD2-315mm)	19.00	08-Jan-17	31-Jan-17
Al Atatrah Supply Line 3				
E-ATA-SDP-1080	Trench Reinstatement for Supply Line 3 from TS3 1+000 to TS2 1+970 (TS3 - 280mm)	21.00	25-Oct-16	21-Nov-16
Al Atatrah Distribution Line 1 from TD1 1+085 to TD1 1+842.22				
E-ATA-SDP-1310	Trench Reinstatement for Distribution Line 1 from TD1 1+085.52 to TD1 1+842.22 (TD1 - 225mm)	9.00	22-Nov-16	01-Dec-16
Mechanical Installation				
E-ATA-SDP-1340	Mechanical installation for Al Atatrah Valves and Vaults (Connections, PRV, Washout, ARV) - Supply Line 3	12.00	29-Jan-17	12-Feb-17
E-ATA-SDP-1350	Mechanical installation for Al Atatrah Valves and Vaults (Connections, PRV, Washout, ARV) - Distribution Line 1	20.00	29-Jan-17	23-Feb-17
E-ATA-SDP-1370	Mechanical installation for Al Atatrah Valves and Vaults (Connections, PRV, Washout, ARV) - Distribution Line 1	12.00	29-Jan-17	12-Feb-17
E-ATA-SDP-1390	Mechanical installation for Al Atatrah Valves and Vaults (Connections, PRV, Washout, ARV) - Distribution Line 2	20.00	29-Jan-17	23-Feb-17
E-ATA-SDP-1530	Mechanical installation for Al Atatrah Valves and Vaults (Connections, PRV, Washout, ARV) - Supply Line 2	17.00	29-Jan-17	18-Feb-17
E-ATA-SDP-1630	Mechanical installation for Al Atatrah Valves and Vaults (Connections, PRV, Washout, ARV) - Supply Line 1	18.00	14-Feb-17	08-Mar-17
Testing, Training and Commissioning				
ATA-1000	Cleaning, washing, testing and disinfection for Transmission Pipeline	21.00	13-Mar-17	05-Apr-17
ATA-1010	Training	6.00	25-Jun-17	06-Jul-17
ATA-1020	Delivery of the final O&M Technical Manuals	20.00	13-Mar-17	04-Apr-17
ATA-1030	Site inspection/ Support/ Start up	11.00	05-Jun-17	25-Jun-17
ATA-1040	Testing and Commissioning of Electrical and Control System and Equipment	7.00	25-Jun-17	08-Jul-17
ATA-1050	Testing and Commissioning of the entire system	8.00	08-Jul-17	16-Jul-17
E-ATA-7645	Preparation and Submission of startup, testing, and commissioning plan and schedule to the Engineer	20.00	18-Jan-17	09-Feb-17
E-ATA-7655	Review and Approval of startup, testing, and commissioning plan and schedule to the Engineer	21.00	12-Feb-17	12-Mar-17
Demobilization Summary Cost				
GAZI - 1020	Al Atatrah Demobilization Summary Cost	2.00	11-Jul-17	13-Jul-17
Project 2, Construction of Nuseirat Reservoir and Pumping Facilities:				
Mobilization Summary Cost				
GAZI - MOB1080	Nuseirat Mobilization Summary	71.00	26-Oct-15 A	17-Jan-16 A
Construction of Nuseirat Facilities				
Traffic Control Plan and Safety measures				



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TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package I

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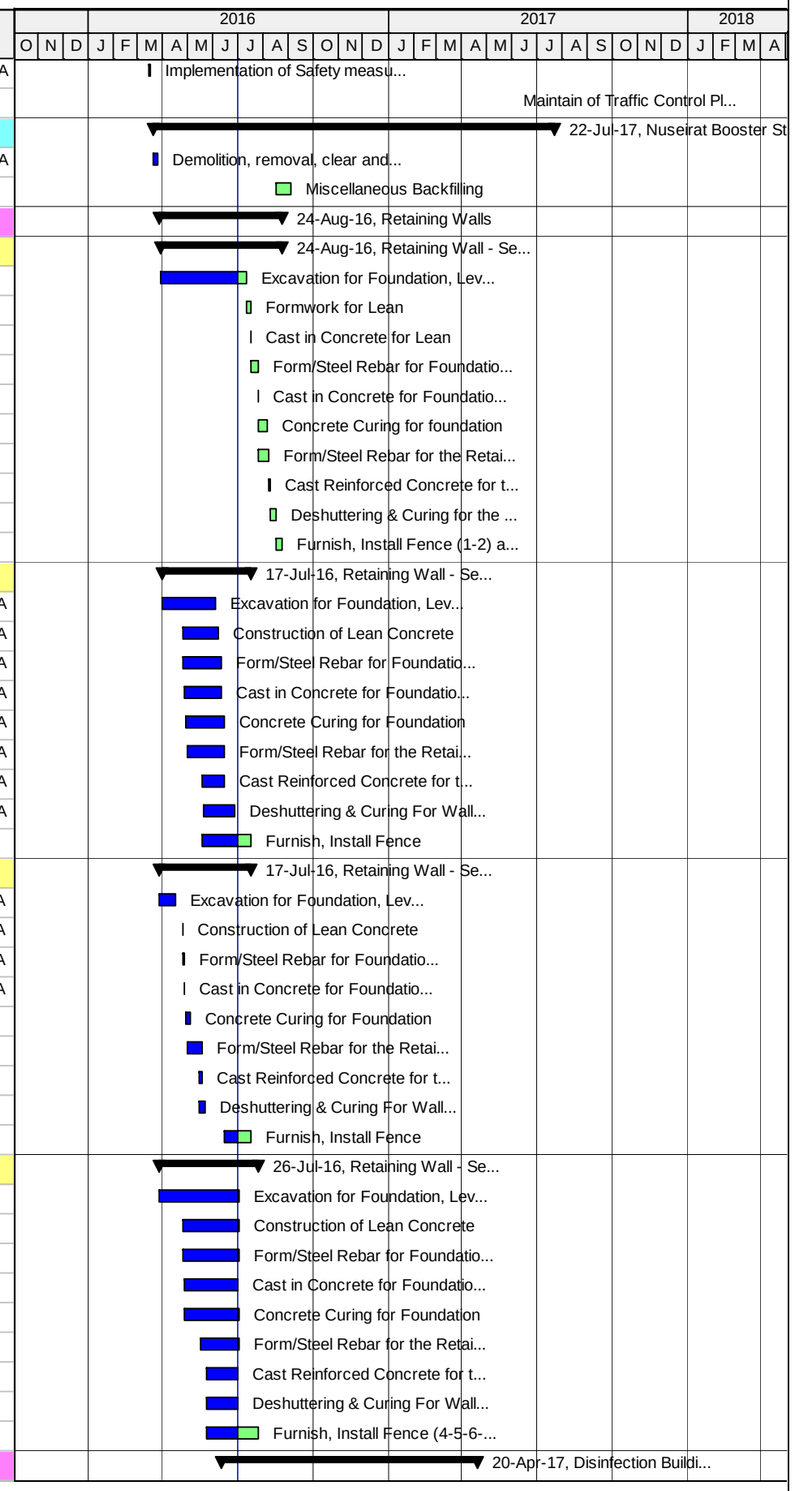
Activity ID	Activity Name	Original Duration	Start	Finish
E-NUS-7585	Implementation of Safety measures and Traffic Control Plan for Nuseirat Facilities	2.00	15-Mar-16 A	17-Mar-16 A
E-NUS-7595	Maintain of Traffic Control Plan and Safety measures for Nuseirat Facilities	334.00	17-Mar-16 A	27-May-17
Nuseirat Booster Station				
E-NUS-4330	Demolition, removal, clear and grub site	5.00	20-Mar-16 A	26-Mar-16 A
E-NUS-4340	Miscellaneous Backfilling	15.00	18-Aug-16	05-Sep-16
Retaining Walls				
Retaining Wall - Segment (1-2)				
E-NUS-RW-1000	Excavation for Foundation, Leveling, Compacting 25cm Base Course Layer	5.00	29-Mar-16 A	12-Jul-16
E-NUS-RW-1020	Formwork for Lean	4.00	12-Jul-16	17-Jul-16
E-NUS-RW-1030	Cast in Concrete for Lean	1.00	17-Jul-16	18-Jul-16
E-NUS-RW-1040	Form/Steel Rebar for Foundation	7.00	18-Jul-16	26-Jul-16
E-NUS-RW-1060	Cast in Concrete for Foundation	1.00	26-Jul-16	27-Jul-16
E-NUS-RW-1070	Concrete Curing for foundation	9.00	27-Jul-16	07-Aug-16
E-NUS-RW-1080	Form/Steel Rebar for the Retaining Walls	11.00	27-Jul-16	09-Aug-16
E-NUS-RW-1130	Cast Reinforced Concrete for the Retaining Walls	1.00	09-Aug-16	10-Aug-16
E-NUS-RW-1170	Deshuttering & Curing for the Retaining Wallls	7.00	10-Aug-16	18-Aug-16
E-NUS-RW-1210	Furnish, Install Fence (1-2) and (7-1)	5.00	18-Aug-16	24-Aug-16
Retaining Wall - Segment (2-3)				
E-NUS-RW-1010	Excavation for Foundation, Leveling, Compacting 25cm Base Course Layer	6.00	31-Mar-16 A	05-Jun-16 A
E-NUS-RW-1090	Construction of Lean Concrete	4.00	26-Apr-16 A	08-Jun-16 A
E-NUS-RW-1110	Form/Steel Rebar for Foundation	4.00	26-Apr-16 A	11-Jun-16 A
E-NUS-RW-1120	Cast in Concrete for Foundation	1.00	28-Apr-16 A	12-Jun-16 A
E-NUS-RW-1140	Concrete Curing for Foundation	7.00	30-Apr-16 A	16-Jun-16 A
E-NUS-RW-1150	Form/Steel Rebar for the Retaining Walls	7.00	02-May-16	15-Jun-16 A
E-NUS-RW-1190	Cast Reinforced Concrete for the Retaining Walls	1.00	19-May-16	16-Jun-16 A
E-NUS-RW-1200	Deshuttering & Curing For Walls	7.00	21-May-16	28-Jun-16 A
E-NUS-RW-1260	Furnish, Install Fence	10.00	19-May-16	17-Jul-16
Retaining Wall - Segment (3-4)				
E-NUS-RW-1050	Excavation for Foundation, Leveling, Compacting 25cm Base Course Layer	10.00	27-Mar-16 A	17-Apr-16 A
E-NUS-RW-1160	Construction of Lean Concrete	2.00	26-Apr-16 A	26-Apr-16 A
E-NUS-RW-1180	Form/Steel Rebar for Foundation	10.00	26-Apr-16 A	28-Apr-16 A
E-NUS-RW-1220	Cast in Concrete for Foundation	1.00	28-Apr-16 A	28-Apr-16 A
E-NUS-RW-1230	Concrete Curing for Foundation	7.00	30-Apr-16 A	05-May-16
E-NUS-RW-1240	Form/Steel Rebar for the Retaining Walls	15.00	01-May-16	19-May-16
E-NUS-RW-1280	Cast Reinforced Concrete for the Retaining Walls	1.00	15-May-16	19-May-16
E-NUS-RW-1290	Deshuttering & Curing For Walls	7.00	16-May-16	23-May-16
E-NUS-RW-1330	Furnish, Install Fence	10.00	15-Jun-16 A	17-Jul-16
Retaining Wall - Segment (4-5-6-1)				
E-NUS-RW-1100	Excavation for Foundation, Leveling, Compacting 25cm Base Course Layer	10.00	28-Mar-16 A	02-Jul-16
E-NUS-RW-1250	Construction of Lean Concrete	9.00	26-Apr-16 A	02-Jul-16
E-NUS-RW-1270	Form/Steel Rebar for Foundation	15.00	26-Apr-16 A	03-Jul-16
E-NUS-RW-1300	Cast in Concrete for Foundation	1.00	28-Apr-16 A	02-Jul-16
E-NUS-RW-1310	Concrete Curing for Foundation	7.00	28-Apr-16 A	02-Jul-16
E-NUS-RW-1320	Form/Steel Rebar for the Retaining Walls	15.00	17-May-16	03-Jul-16
E-NUS-RW-1340	Cast Reinforced Concrete for the Retaining Walls	1.00	24-May-16	02-Jul-16
E-NUS-RW-1350	Deshuttering & Curing For Walls	7.00	24-May-16	02-Jul-16
E-NUS-RW-1360	Furnish, Install Fence (4-5-6-1 and 7-5)	19.00	24-May-16	26-Jul-16
Disinfection Building				



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TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package I

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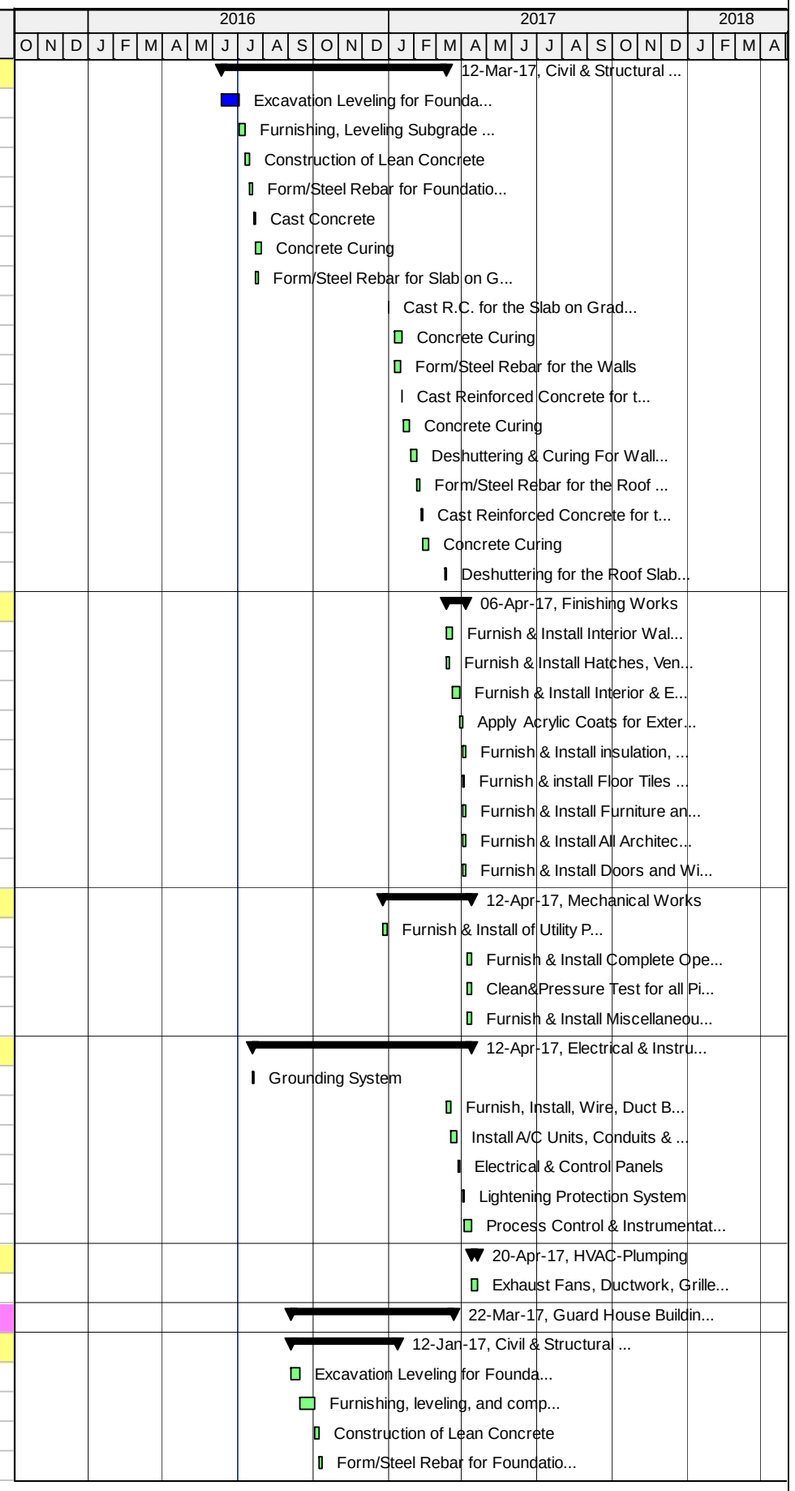
Activity ID	Activity Name	Original Duration	Start	Finish
Civil & Structural Works				
E-NUS-DIS-1000	Excavation Leveling for Foundation,Preparation of Subgrade Layer & Saintary Drain Pipe	1.00	11-Jun-16 A	03-Jul-16
E-NUS-DIS-1010	Furnishing, Leveling Subgrade Compacted layers 20cm	2.00	03-Jul-16	10-Jul-16
E-NUS-DIS-1020	Construction of Lean Concrete	5.00	10-Jul-16	16-Jul-16
E-NUS-DIS-1030	Form/Steel Rebar for Foundation	4.00	16-Jul-16	20-Jul-16
E-NUS-DIS-1050	Cast Concrete	1.00	21-Jul-16	23-Jul-16
E-NUS-DIS-1060	Concrete Curing	7.00	23-Jul-16	31-Jul-16
E-NUS-DIS-1070	Form/Steel Rebar for Slab on Grade	3.75	23-Jul-16	26-Jul-16
E-NUS-DIS-1090	Cast R.C. for the Slab on Grade	1.00	02-Jan-17	02-Jan-17
E-NUS-DIS-1100	Concrete Curing	7.00	08-Jan-17	17-Jan-17
E-NUS-DIS-1110	Form/Steel Rebar for the Walls	5.00	08-Jan-17	15-Jan-17
E-NUS-DIS-1120	Cast Reinforced Concrete for the Walls	1.00	18-Jan-17	18-Jan-17
E-NUS-DIS-1130	Concrete Curing	7.00	19-Jan-17	26-Jan-17
E-NUS-DIS-1140	Deshuttering & Curing For Walls	7.00	28-Jan-17	04-Feb-17
E-NUS-DIS-1150	Form/Steel Rebar for the Roof Slab	5.00	05-Feb-17	09-Feb-17
E-NUS-DIS-1160	Cast Reinforced Concrete for the Roof Slab	1.00	11-Feb-17	11-Feb-17
E-NUS-DIS-1170	Concrete Curing	7.00	12-Feb-17	19-Feb-17
E-NUS-DIS-1180	Deshuttering for the Roof Slab & backfilling	2.00	11-Mar-17	12-Mar-17
Finishing Works				
E-NUS-DIS-1190	Furnish & Install Interior Walls	7.00	13-Mar-17	20-Mar-17
E-NUS-DIS-1200	Furnish & Install Hatches, Vents, Ladders, Grating etc	4.00	13-Mar-17	16-Mar-17
E-NUS-DIS-1230	Furnish & Install Interior & Exterior Plaster	7.00	21-Mar-17	28-Mar-17
E-NUS-DIS-1250	Apply Acrylic Coats for External Walls	3.00	29-Mar-17	01-Apr-17
E-NUS-DIS-1260	Furnish & Install insulation, Roofing, Coping and All Items etc	5.00	02-Apr-17	06-Apr-17
E-NUS-DIS-1270	Furnish & install Floor Tiles & Base Materials	2.00	02-Apr-17	03-Apr-17
E-NUS-DIS-1280	Furnish & Install Furniture and Fittings	4.00	02-Apr-17	05-Apr-17
E-NUS-DIS-1290	Furnish & Install All Architectural Elements	5.00	02-Apr-17	06-Apr-17
E-NUS-DIS-1300	Furnish & Install Doors and Windows	5.00	02-Apr-17	06-Apr-17
Mechanical Works				
E-NUS-DIS-1080	Furnish & Install of Utility Piping including Pipe Supports & Valves	5.00	26-Dec-16	31-Dec-16
E-NUS-DIS-1330	Furnish & Install Complete Operable Chlorination System	5.00	08-Apr-17	12-Apr-17
E-NUS-DIS-1340	Clean&Pressure Test for all Pipes	5.00	08-Apr-17	12-Apr-17
E-NUS-DIS-1350	Furnish & Install Miscellaneous Plumbing Components	5.00	08-Apr-17	12-Apr-17
Electrical & Instrumentation Works				
E-NUS-DIS-1040	Grounding System	1.00	20-Jul-16	21-Jul-16
E-NUS-DIS-1210	Furnish, Install, Wire, Duct Banks & Terminate Lights and Receptacles	5.00	13-Mar-17	18-Mar-17
E-NUS-DIS-1220	Install A/C Units, Conduits & Cables	7.00	19-Mar-17	26-Mar-17
E-NUS-DIS-1240	Electrical & Control Panels	3.00	27-Mar-17	29-Mar-17
E-NUS-DIS-1310	Lightening Protection System	2.00	02-Apr-17	03-Apr-17
E-NUS-DIS-1320	Process Control & Instrumentation and Furnish,Install and Test Rio Enclosure	8.00	04-Apr-17	12-Apr-17
HVAC-Plumping				
E-NUS-DIS-1360	Exhaust Fans, Ductwork, Grilles & HVAC Control Panels	6.00	13-Apr-17	20-Apr-17
Guard House Building				
Civil & Structural Works				
E-NUS-GH-1000	Excavation Leveling for Foundation	5.00	05-Sep-16	15-Sep-16
E-NUS-GH-1010	Furnishing, leveling, and compacting of selected backfill Preparation of Subgrade layer & Subgrade Saintary Drain Piping	15.00	15-Sep-16	03-Oct-16
E-NUS-GH-1020	Construction of Lean Concrete	5.00	03-Oct-16	09-Oct-16
E-NUS-GH-1030	Form/Steel Rebar for Foundation	3.00	09-Oct-16	12-Oct-16



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TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package I

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Activity ID	Activity Name	Original Duration	Start	Finish
E-NUS-GH-1040	Cast in Concrete for foundation	1.00	12-Oct-16	13-Oct-16
E-NUS-GH-1050	Concrete Curing for foundation	7.00	13-Oct-16	22-Oct-16
E-NUS-GH-1060	Form/Steel Rebar for Slab on Grade	3.00	13-Oct-16	17-Oct-16
E-NUS-GH-1080	Cast R.C. for the Slab on Grade	1.00	23-Oct-16	24-Oct-16
E-NUS-GH-1090	Concrete Curing for the Slab on Grade	7.00	24-Oct-16	01-Nov-16
E-NUS-GH-1100	Form/Steel Rebar for the Walls	5.00	24-Oct-16	30-Oct-16
E-NUS-GH-1120	Cast Reinforced Concrete for the Walls / Columns	1.00	01-Nov-16	02-Nov-16
E-NUS-GH-1130	Concrete Curing for the Walls / Columns	7.00	02-Nov-16	13-Nov-16
E-NUS-GH-1140	Deshuttering & Curing For Walls	7.00	13-Nov-16	22-Nov-16
E-NUS-GH-1150	Form/Steel Rebar for the Roof Slab	7.00	22-Nov-16	30-Nov-16
E-NUS-GH-1160	Cast Reinforced Concrete for the Roof Slab	1.00	30-Nov-16	01-Dec-16
E-NUS-GH-1170	Concrete Curing for the Roof Slab	7.00	01-Dec-16	10-Dec-16
E-NUS-GH-1180	Deshuttering for the Roof Slab & Backfilling	2.00	08-Jan-17	12-Jan-17
Finishing Works				
E-NUS-GH-1190	Construction of Walls	4.00	12-Jan-17	17-Jan-17
E-NUS-GH-1220	Furnish & Install Interior & Exterior Plaster & Water Tight	8.00	25-Jan-17	04-Feb-17
E-NUS-GH-1260	Furnish & install Floor & Wall Tiles & Base Materials	5.00	11-Feb-17	16-Feb-17
E-NUS-GH-1270	Furnish & Install Doors, Windows & All Metal Works including hatches, vents, ladders, railings	13.00	11-Feb-17	28-Feb-17
E-NUS-GH-1280	Furnish & Install All Architectural Elements, Kitchen Equipment & Furniture and Stone Copping	13.00	11-Feb-17	28-Feb-17
E-NUS-GH-1340	Apply Coating	5.00	28-Feb-17	06-Mar-17
Mechanical Works				
E-NUS-GH-1070	Furnish & Install of Utility Piping including Pipe Supports & Valves	2.00	13-Oct-16	16-Oct-16
E-NUS-GH-1320	Clean & Presure Test	2.00	28-Feb-17	02-Mar-17
E-NUS-GH-1330	Furnish & Install Miscellaneous Plumbing Components	2.00	28-Feb-17	02-Mar-17
Electrical & Instrumentation Works				
E-NUS-GH-1110	Grounding System	1.00	24-Oct-16	25-Oct-16
E-NUS-GH-1200	Furnish and install Panels,Cables , conduit, and devices complete	5.00	12-Jan-17	18-Jan-17
E-NUS-GH-1210	Installation of Lightening Protection System Lighting Cables, panels, wires, conduits, cables, lights and receptacles	7.00	17-Jan-17	25-Jan-17
E-NUS-GH-1230	Process Control & Instrumentation	11.00	25-Jan-17	07-Feb-17
HVAC-Plumping				
E-NUS-GH-1240	Furnish & Install Water Storage Tank & Solar System	5.00	04-Feb-17	09-Feb-17
E-NUS-GH-1250	Furnish & Install Wash Basin With Mixer	5.00	09-Feb-17	15-Feb-17
E-NUS-GH-1290	Furnish & Install Toilet	5.00	15-Feb-17	23-Feb-17
E-NUS-GH-1300	Furnish & Install Exhaust Through Wall Ventilation	3.00	23-Feb-17	27-Feb-17
E-NUS-GH-1310	Furnish & Install Cold & Hot Water Pipe	5.00	27-Feb-17	05-Mar-17
E-NUS-GH-1350	Furnish & Install Split Units Air Conditioning Unit	5.00	02-Mar-17	08-Mar-17
E-NUS-GH-1360	Furnish & Install UV Filter System	5.00	02-Mar-17	08-Mar-17
E-NUS-GH-1370	Furnish & Install PVC Pipe & Fittings	5.00	05-Mar-17	11-Mar-17
E-NUS-GH-1380	Start Up,Testing, Adjusting, Balancing, Cleaning,etc.	5.00	08-Mar-17	14-Mar-17
E-NUS-GH-1390	Furnish & Install Shower	5.00	11-Mar-17	16-Mar-17
E-NUS-GH-1400	Furnish & Install Accessories for Sanitary Units	5.00	16-Mar-17	22-Mar-17
Booster Pump Station				
Civil & Structural Works				
E-NUS-PB-1000	Excavation Leveling for Foundation	5.00	12-Jan-17	18-Jan-17
E-NUS-PB-1060	Furnishing, leveling, and compacting of subgrade layer	7.00	18-Feb-17	28-Feb-17
E-NUS-PB-1070	Construction of Lean	3.00	28-Feb-17	04-Mar-17
E-NUS-PB-1080	Form/Steel Rebar for Foundation	8.00	04-Mar-17	13-Mar-17
E-NUS-PB-1090	Cast in Concrete for Foundation and Concrete Curing	8.00	13-Mar-17	22-Mar-17

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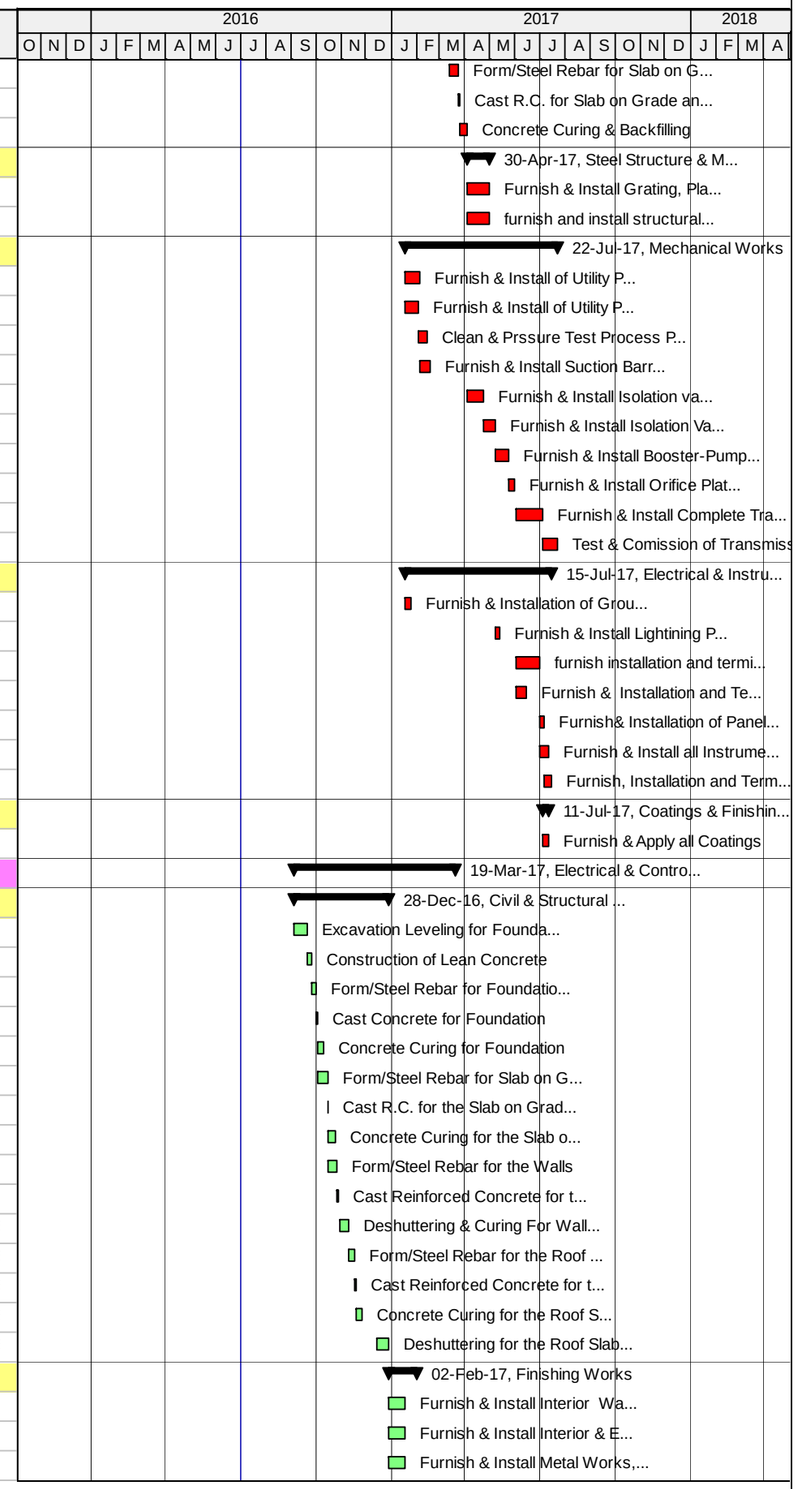
Activity ID	Activity Name	Original Duration	Start	Finish
E-NUS-PB-1100	Form/Steel Rebar for Slab on Grade and Walls of Booster Pump	9.00	13-Mar-17	23-Mar-17
E-NUS-PB-1110	Cast R.C. for Slab on Grade and Walls of Booster Pump	2.00	23-Mar-17	26-Mar-17
E-NUS-PB-1120	Concrete Curing & Backfilling	8.00	26-Mar-17	04-Apr-17
Steel Structure & Metal Works				
E-NUS-PB-1130	Furnish & Install Grating, Plates, embeds, Ladders,..etc.	20.00	04-Apr-17	30-Apr-17
E-NUS-PB-1140	furnish and install structural steel and roofing including roof hatches	20.00	04-Apr-17	30-Apr-17
Mechanical Works				
E-NUS-PB-1010	Furnish & Install of Utility Piping Under 50mm Including Pipe Supports & Valves	14.00	18-Jan-17	04-Feb-17
E-NUS-PB-1020	Furnish & Install of Utility Piping above 50mm Including Pipe Supports & Valves	13.00	18-Jan-17	02-Feb-17
E-NUS-PB-1040	Clean & Prssure Test Process Piping	10.00	02-Feb-17	14-Feb-17
E-NUS-PB-1050	Furnish & Install Suction Barrel for Future Pump	12.00	04-Feb-17	18-Feb-17
E-NUS-PB-1150	Furnish & Install Isolation valves and Flow Meter on Discharge Head	15.00	04-Apr-17	24-Apr-17
E-NUS-PB-1160	Furnish & Install Isolation Valves & Pipes Above 80mm	10.00	24-Apr-17	07-May-17
E-NUS-PB-1180	Furnish & Install Booster-Pump Control Valve , Check Valve	15.00	07-May-17	24-May-17
E-NUS-PB-1190	Furnish & Install Orifice Plates	5.00	24-May-17	01-Jun-17
E-NUS-PB-1200	Furnish & Install Complete Transmission System Pumps	18.00	03-Jun-17	05-Jul-17
E-NUS-PB-1260	Test & Comission of Transmission System Pumps	14.00	05-Jul-17	22-Jul-17
Electrical & Instrumentation Works				
E-NUS-PB-1030	Furnish & Installation of Grounding, Exposed Conduits, Ductbanks & Raceway	5.00	18-Jan-17	24-Jan-17
E-NUS-PB-1170	Furnish & Install Lightining Protection, Recepticles & Process Control Instrumentation	5.00	08-May-17	14-May-17
E-NUS-PB-1210	furnish installation and termination of transmission pump power and controls wire including boxes,supports …etc	14.00	03-Jun-17	01-Jul-17
E-NUS-PB-1220	Furnish & Installation and Termination of Booster Control Valves Pump Power ..etc	7.00	03-Jun-17	15-Jun-17
E-NUS-PB-1230	Furnish& Installation of Panel, Wires, Conduits, Cables, Lights and receptacles	5.00	01-Jul-17	06-Jul-17
E-NUS-PB-1240	Furnish & Install all Instruments	10.00	01-Jul-17	12-Jul-17
E-NUS-PB-1270	Furnish, Installation and Termination of Miscellaneous Power..etc	7.00	06-Jul-17	15-Jul-17
Coatings & Finishing Works				
E-NUS-PB-1250	Furnish & Apply all Coatings	5.00	05-Jul-17	11-Jul-17
Electrical & Control Building				
Civil & Structural Works				
E-NUS-ECB-1000	Excavation Leveling for Foundation and Furnishing, leveling, and compacting of selected backfill	9.00	05-Sep-16	20-Sep-16
E-NUS-ECB-1010	Construction of Lean Concrete	5.00	20-Sep-16	26-Sep-16
E-NUS-ECB-1020	Form/Steel Rebar for Foundation	4.00	26-Sep-16	01-Oct-16
E-NUS-ECB-1040	Cast Concrete for Foundation	1.00	02-Oct-16	03-Oct-16
E-NUS-ECB-1060	Concrete Curing for Foundation	7.00	03-Oct-16	11-Oct-16
E-NUS-ECB-1070	Form/Steel Rebar for Slab on Grade & Compacted Basecourse layer 20cm	10.00	03-Oct-16	15-Oct-16
E-NUS-ECB-1080	Cast R.C. for the Slab on Grade	1.00	15-Oct-16	16-Oct-16
E-NUS-ECB-1090	Concrete Curing for the Slab on Grade	7.00	16-Oct-16	24-Oct-16
E-NUS-ECB-1100	Form/Steel Rebar for the Walls	10.00	16-Oct-16	27-Oct-16
E-NUS-ECB-1110	Cast Reinforced Concrete for the Walls	1.00	27-Oct-16	29-Oct-16
E-NUS-ECB-1120	Deshuttering & Curing For Walls	7.00	31-Oct-16	10-Nov-16
E-NUS-ECB-1130	Form/Steel Rebar for the Roof Slab	5.00	10-Nov-16	17-Nov-16
E-NUS-ECB-1140	Cast Reinforced Concrete for the Roof Slab	1.00	17-Nov-16	19-Nov-16
E-NUS-ECB-1160	Concrete Curing for the Roof Slab	7.00	19-Nov-16	27-Nov-16
E-NUS-ECB-1170	Deshuttering for the Roof Slab & Backfilling	7.00	14-Dec-16	28-Dec-16
Finishing Works				
E-NUS-ECB-1180	Furnish & Install Interior Walls	11.00	28-Dec-16	18-Jan-17
E-NUS-ECB-1190	Furnish & Install Interior & Exterior Plaster & Coatings	11.00	28-Dec-16	18-Jan-17
E-NUS-ECB-1200	Furnish & Install Metal Works, Hatches, Vents, Ladders, Grating etc	11.00	28-Dec-16	18-Jan-17



Actual Work | Critical Remaining Work | Summary
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TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package I

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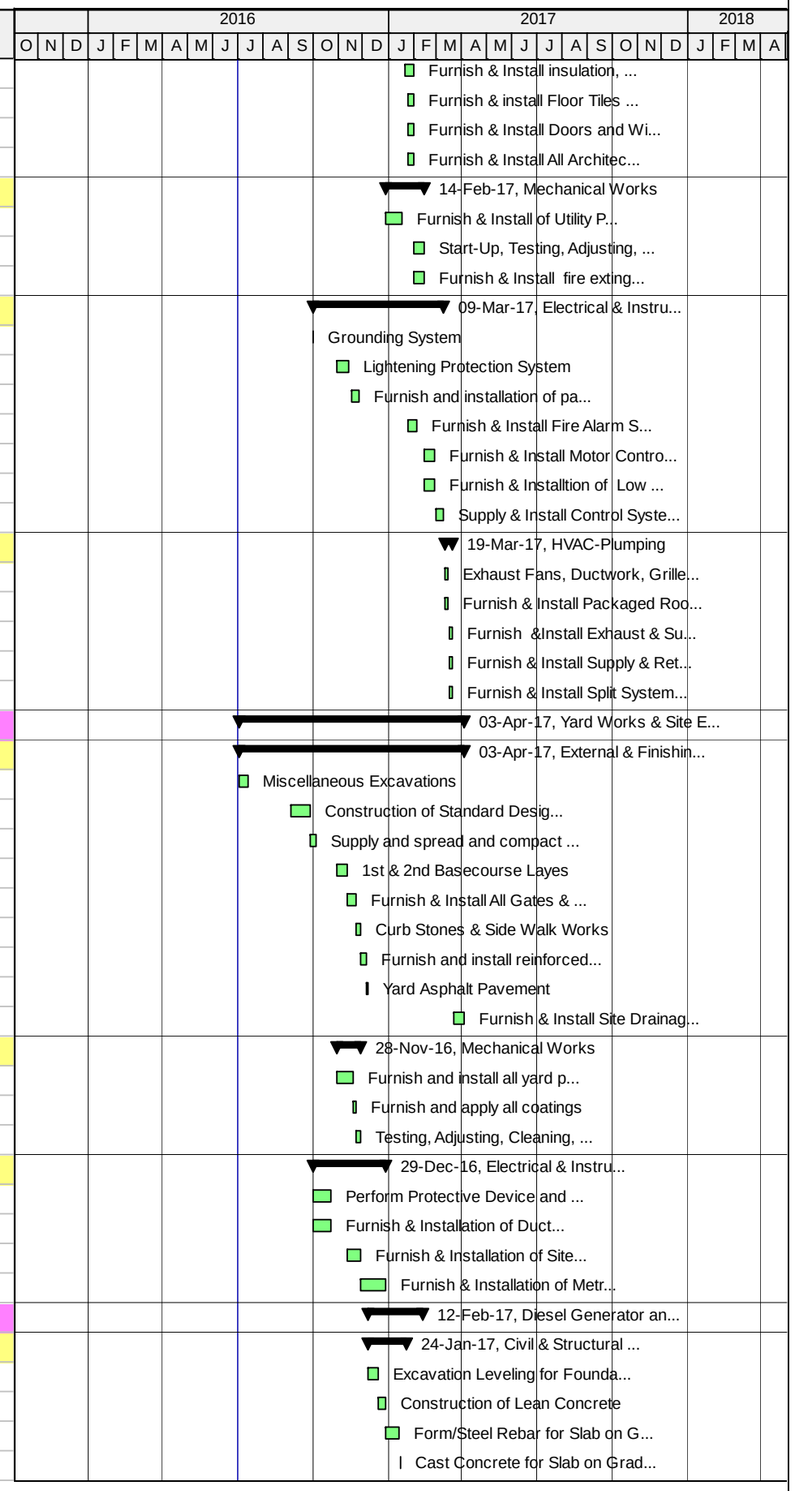
Activity ID	Activity Name	Original Duration	Start	Finish
E-NUS-ECB-1220	Furnish & Install insulation, Roofing, Coping and All Items etc	11.00	21-Jan-17	02-Feb-17
E-NUS-ECB-1230	Furnish & install Floor Tiles & Base Materials	6.00	25-Jan-17	01-Feb-17
E-NUS-ECB-1240	Furnish & Install Doors and Windows	7.00	25-Jan-17	02-Feb-17
E-NUS-ECB-1250	Furnish & Install All Architectural Elements, Coating, & Furniture, Fittings & Equipment	7.00	25-Jan-17	02-Feb-17
Mechanical Works				
E-NUS-ECB-1210	Furnish & Install of Utility Piping including Pipe Supports & Valves	11.00	28-Dec-16	18-Jan-17
E-NUS-ECB-1270	Start-Up, Testing, Adjusting, Balancing, Cleaning, Disinfection, Commissioning, and Operator Instruction	10.00	02-Feb-17	14-Feb-17
E-NUS-ECB-1280	Furnish & Install fire extinguishers	10.00	02-Feb-17	14-Feb-17
Electrical & Instrumentation Works				
E-NUS-ECB-1030	Grounding System	1.00	01-Oct-16	02-Oct-16
E-NUS-ECB-1050	Lightening Protection System	10.00	30-Oct-16	13-Nov-16
E-NUS-ECB-1150	Furnish and installation of panels, wires, conduits, cables, lights and receptacles	8.00	17-Nov-16	27-Nov-16
E-NUS-ECB-1260	Furnish & Install Fire Alarm System	9.00	25-Jan-17	05-Feb-17
E-NUS-ECB-1290	Furnish & Install Motor Control Center (MCC) Including Short Circuit Analysis	11.00	13-Feb-17	27-Feb-17
E-NUS-ECB-1300	Furnish & Installtion of Low Voltage VFD	11.00	13-Feb-17	27-Feb-17
E-NUS-ECB-1310	Supply & Install Control System Software (PLC, HMI)	9.00	28-Feb-17	09-Mar-17
HVAC-Plumping				
E-NUS-ECB-1320	Exhaust Fans, Ductwork, Grilles & HVAC Control Panels	5.00	11-Mar-17	15-Mar-17
E-NUS-ECB-1330	Furnish & Install Packaged Roof Top Air Conditioning Units	5.00	11-Mar-17	15-Mar-17
E-NUS-ECB-1340	Furnish &Install Exhaust & Supply Ductwork	3.00	16-Mar-17	19-Mar-17
E-NUS-ECB-1350	Furnish & Install Supply & Return Grills	3.00	16-Mar-17	19-Mar-17
E-NUS-ECB-1360	Furnish & Install Split System Air Conditioning Units	3.00	16-Mar-17	19-Mar-17
Yard Works & Site Electrical Power				
External & Finishing Works				
E-NUS-YW-1000	Miscellaneous Excavations	7.00	02-Jul-16	14-Jul-16
E-NUS-YW-1030	Construction of Standard Design Valve Box, Refer To S-RVV1 & S-RVV2	15.00	05-Sep-16	27-Sep-16
E-NUS-YW-1040	Supply and spread and compact selected material layer 200mm	7.00	27-Sep-16	05-Oct-16
E-NUS-YW-1060	1st & 2nd Basecourse Layes	9.00	30-Oct-16	12-Nov-16
E-NUS-YW-1070	Furnish & Install All Gates & Steel Fence	8.00	12-Nov-16	22-Nov-16
E-NUS-YW-1110	Curb Stones & Side Walk Works	5.00	22-Nov-16	28-Nov-16
E-NUS-YW-1120	Furnish and install reinforced concrete pad	7.00	28-Nov-16	06-Dec-16
E-NUS-YW-1140	Yard Asphalt Pavement	2.00	06-Dec-16	08-Dec-16
E-NUS-YW-1150	Furnish & Install Site Drainage Outlet	10.00	22-Mar-17	03-Apr-17
Mechanical Works				
E-NUS-YW-1050	Furnish and install all yard piping and mechanical equipment	14.00	30-Oct-16	19-Nov-16
E-NUS-YW-1090	Furnish and apply all coatings	3.00	19-Nov-16	22-Nov-16
E-NUS-YW-1100	Testing, Adjusting, Cleaning, Disinfection, Commissioning, and Operator Instruction	5.00	22-Nov-16	28-Nov-16
Electrical & Instrumentation Works				
E-NUS-YW-1010	Perform Protective Device and Coordination Studies for the whole Electrical system	19.88	01-Oct-16	23-Oct-16
E-NUS-YW-1020	Furnish & Installation of Ductbanks	19.88	01-Oct-16	23-Oct-16
E-NUS-YW-1080	Furnish & Installation of Site Lights	14.00	12-Nov-16	29-Nov-16
E-NUS-YW-1130	Furnish & Installation of Metre Housing	20.00	29-Nov-16	29-Dec-16
Diesel Generator and Transfromer Pad				
Civil & Structural Works				
E-NUS-DG-1000	Excavation Leveling for Foundation and Furnishing, leveling, and compacting of subgrade layer	7.00	08-Dec-16	20-Dec-16
E-NUS-DG-1010	Construction of Lean Concrete	5.00	20-Dec-16	29-Dec-16
E-NUS-DG-1020	Form/Steel Rebar for Slab on Grade of Generator and Transformer Pad	6.00	29-Dec-16	14-Jan-17
E-NUS-DG-1040	Cast Concrete for Slab on Grade of Generator and Transformer Pad	1.00	15-Jan-17	16-Jan-17



Actual Work | Critical Remaining Work | Summary
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TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package I

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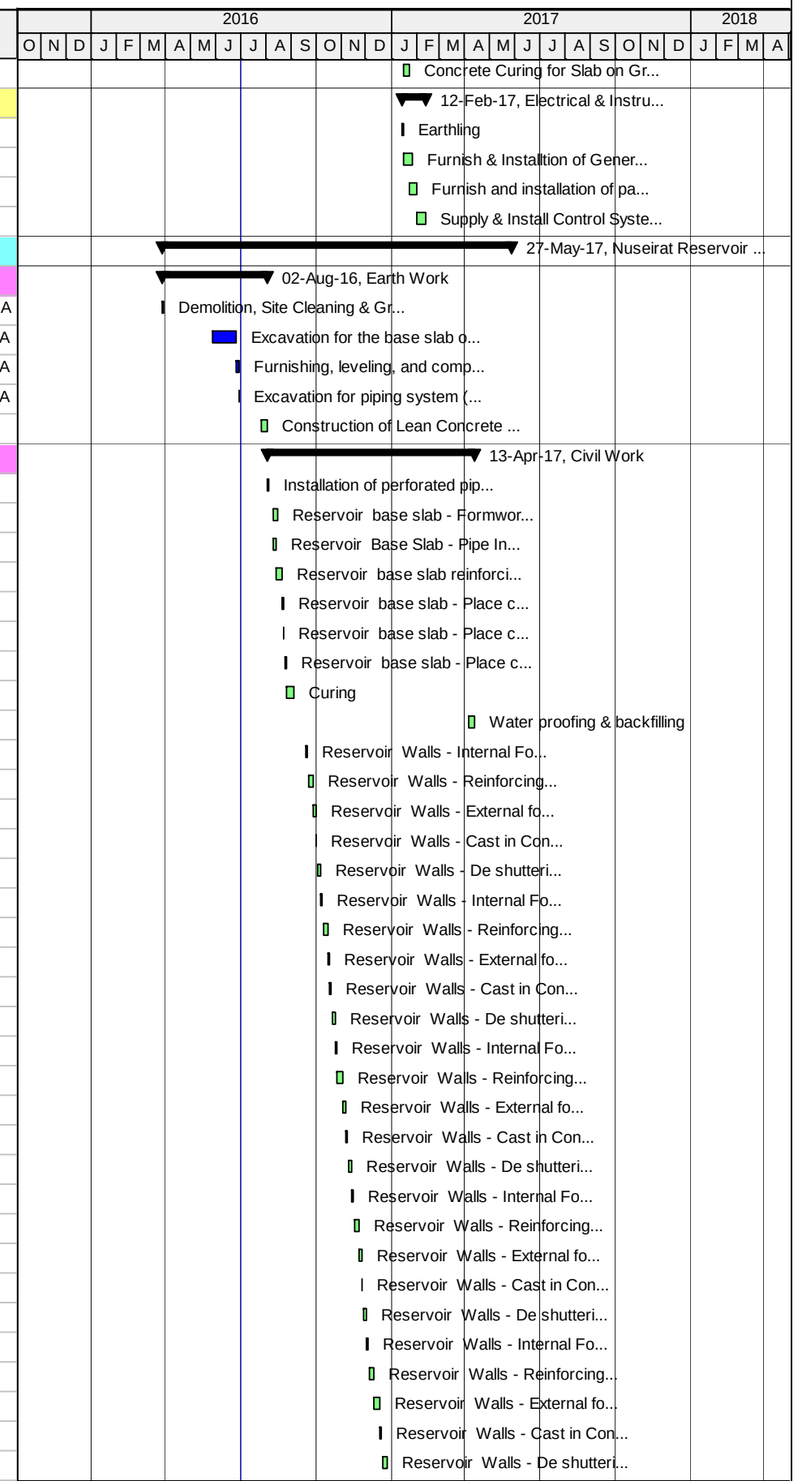
Activity ID	Activity Name	Original Duration	Start	Finish
E-NUS-DG-1060	Concrete Curing for Slab on Grade of Generator and Transformer Pad	7.00	16-Jan-17	24-Jan-17
Electrical & Instrumentation Works				
E-NUS-DG-1030	Earthling	1.00	14-Jan-17	15-Jan-17
E-NUS-DG-1050	Furnish & Installtion of Generator and Transformer	10.00	15-Jan-17	26-Jan-17
E-NUS-DG-1070	Furnish and installation of panels, wires, conduits, cables, lights and receptacles	8.00	24-Jan-17	02-Feb-17
E-NUS-DG-1080	Supply & Install Control System Hardware	8.00	02-Feb-17	12-Feb-17
Nuseirat Reservoir - Construction of new 3,800 m3				
Earth Work				
E-NUS-RES-1000	Demolition, Site Cleaning & Grubbing	1.00	27-Mar-16 A	29-Mar-16 A
E-NUS-RES-1010	Excavation for the base slab of the Reservoir	1.00	28-May-16	27-Jun-16 A
E-NUS-RES-1020	Furnishing, leveling, and compacting of selected backfill	3.00	27-Jun-16 A	29-Jun-16 A
E-NUS-RES-1040	Excavation for piping system (Perforated, Outlet & Washout)	2.00	30-Jun-16 A	30-Jun-16 A
E-NUS-RES-1050	Construction of Lean Concrete under Reservoir	5.00	27-Jul-16	02-Aug-16
Civil Work				
E-NUS-RES-1070	Installation of perforated pipes	2.00	02-Aug-16	04-Aug-16
E-NUS-RES-1080	Reservoir base slab - Formwork	5.00	10-Aug-16	16-Aug-16
E-NUS-RES-1090	Reservoir Base Slab - Pipe Inserts	2.00	10-Aug-16	13-Aug-16
E-NUS-RES-1100	Reservoir base slab reinforcing steel & water stop installation	7.00	13-Aug-16	21-Aug-16
E-NUS-RES-1120	Reservoir base slab - Place concrete (Stage 1 - Part A,C,H,L)	1.00	21-Aug-16	22-Aug-16
E-NUS-RES-1130	Reservoir base slab - Place concrete (Stage 2 - Part B,D,F,J)	1.00	22-Aug-16	23-Aug-16
E-NUS-RES-1140	Reservoir base slab - Place concrete (Stage 3 - Column Footing)	1.00	25-Aug-16	27-Aug-16
E-NUS-RES-1150	Curing	7.00	27-Aug-16	04-Sep-16
E-NUS-RES-1160	Water proofing & backfilling	6.00	06-Apr-17	13-Apr-17
E-NUS-RES-1170	Reservoir Walls - Internal Formwork (first cycle - Part 1)	2.00	19-Sep-16	21-Sep-16
E-NUS-RES-1180	Reservoir Walls - Reinforcing steel & vertical water stop installation (first cycle - Part 1)	5.00	22-Sep-16	28-Sep-16
E-NUS-RES-1190	Reservoir Walls - External formwork - (first cycle - Part 1)	2.00	28-Sep-16	01-Oct-16
E-NUS-RES-1200	Reservoir Walls - Cast in Concrete - (first cycle - Part 1)	1.00	01-Oct-16	02-Oct-16
E-NUS-RES-1210	Reservoir Walls - De shuttering of formwork (first cycle - Part 1)	2.00	04-Oct-16	06-Oct-16
E-NUS-RES-1220	Reservoir Walls - Internal Formwork (first cycle - Part 2)	2.00	06-Oct-16	09-Oct-16
E-NUS-RES-1230	Reservoir Walls - Reinforcing steel & vertical water stop installation (first cycle - Part 2)	5.00	10-Oct-16	16-Oct-16
E-NUS-RES-1240	Reservoir Walls - External formwork - (first cycle - Part 2)	2.00	16-Oct-16	18-Oct-16
E-NUS-RES-1250	Reservoir Walls - Cast in Concrete - (first cycle - Part 2)	1.00	18-Oct-16	19-Oct-16
E-NUS-RES-1260	Reservoir Walls - De shuttering of formwork (first cycle - Part 2)	2.00	22-Oct-16	24-Oct-16
E-NUS-RES-1270	Reservoir Walls - Internal Formwork (Second cycle - Part 1)	2.00	24-Oct-16	26-Oct-16
E-NUS-RES-1280	Reservoir Walls - Reinforcing steel & vertical water stop installation (Second cycle - Part 1)	5.00	27-Oct-16	02-Nov-16
E-NUS-RES-1290	Reservoir Walls - External formwork - (Second cycle - Part 1)	2.00	02-Nov-16	07-Nov-16
E-NUS-RES-1300	Reservoir Walls - Cast in Concrete - (Second cycle - Part 1)	1.00	07-Nov-16	08-Nov-16
E-NUS-RES-1310	Reservoir Walls - De shuttering of formwork - (Second cycle - Part 1)	2.00	10-Nov-16	13-Nov-16
E-NUS-RES-1320	Reservoir Walls - Internal Formwork (Second cycle - Part 2)	2.00	13-Nov-16	16-Nov-16
E-NUS-RES-1330	Reservoir Walls - Reinforcing steel & vertical water stop installation (Second cycle - Part 2)	5.00	17-Nov-16	23-Nov-16
E-NUS-RES-1340	Reservoir Walls - External formwork - (Second cycle - Part 2)	2.00	23-Nov-16	26-Nov-16
E-NUS-RES-1350	Reservoir Walls - Cast in Concrete - (Second cycle - Part 2)	1.00	26-Nov-16	27-Nov-16
E-NUS-RES-1360	Reservoir Walls - De shuttering of formwork - (Second cycle - Part 2)	2.00	29-Nov-16	01-Dec-16
E-NUS-RES-1370	Reservoir Walls - Internal Formwork (Third cycle - Part 1)	2.00	01-Dec-16	04-Dec-16
E-NUS-RES-1380	Reservoir Walls - Reinforcing steel & vertical water stop installation (Third cycle - Part 1)	5.00	05-Dec-16	11-Dec-16
E-NUS-RES-1390	Reservoir Walls - External formwork - (Third cycle - Part 1)	3.00	11-Dec-16	18-Dec-16
E-NUS-RES-1400	Reservoir Walls - Cast in Concrete - (Third cycle - Part 1) including installation of Seismic cans	1.00	18-Dec-16	19-Dec-16
E-NUS-RES-1410	Reservoir Walls - De shuttering of formwork - (Third cycle - Part 1)	2.00	21-Dec-16	27-Dec-16



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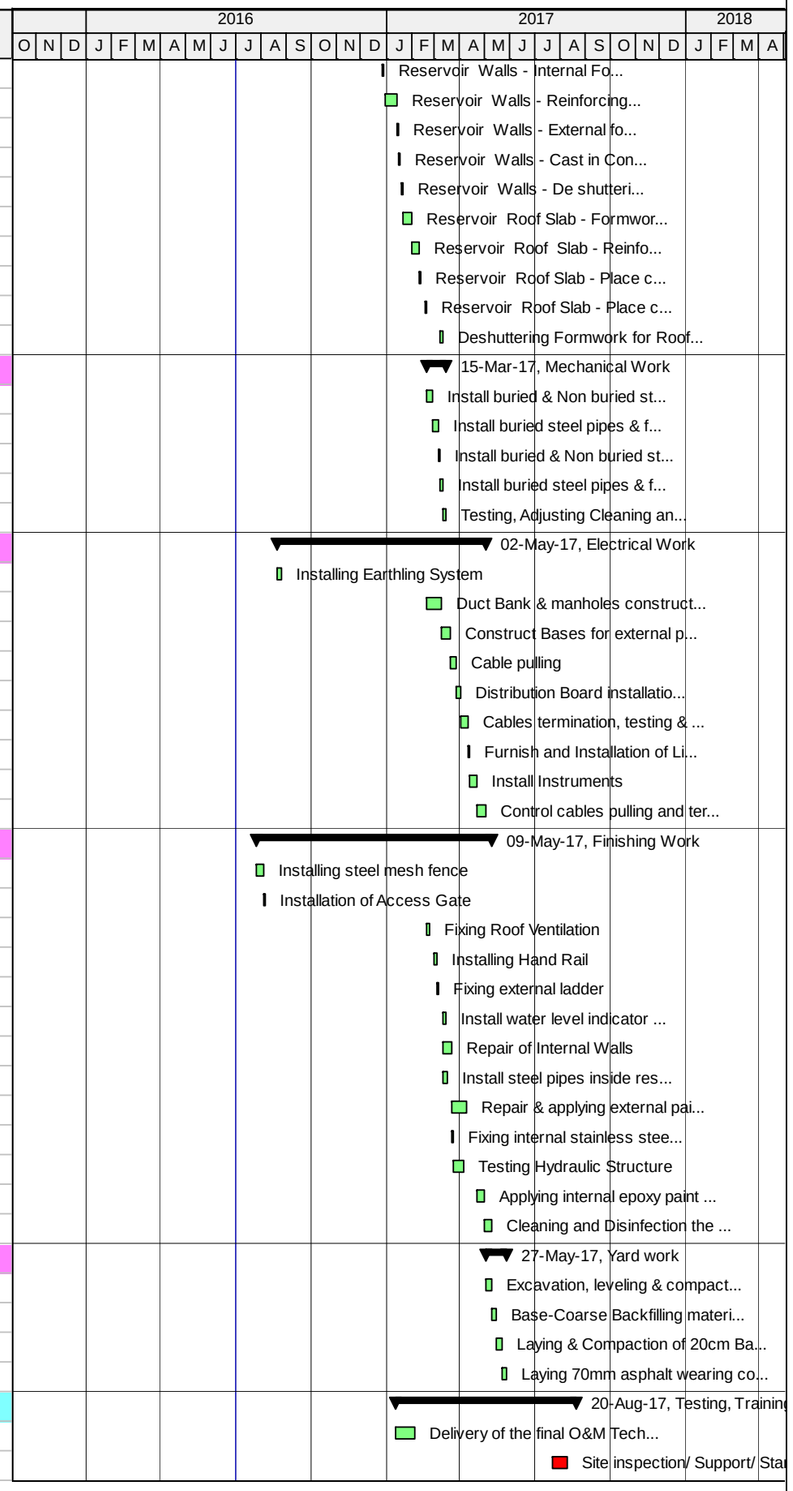
Activity ID	Activity Name	Original Duration	Start	Finish
E-NUS-RES-1420	Reservoir Walls - Internal Formwork (Third cycle - Part 2)	2.00	27-Dec-16	29-Dec-16
E-NUS-RES-1430	Reservoir Walls - Reinforcing steel & vertical water stop installation (Third cycle - Part 2)	5.00	31-Dec-16	14-Jan-17
E-NUS-RES-1440	Reservoir Walls - External formwork - (Third cycle - Part 2)	2.00	14-Jan-17	16-Jan-17
E-NUS-RES-1450	Reservoir Walls - Cast in Concrete - (Third cycle - Part 2) including installation of Seismic cans	1.00	16-Jan-17	17-Jan-17
E-NUS-RES-1460	Reservoir Walls - De shuttering of formwork - (Third cycle - Part 2)	2.00	19-Jan-17	22-Jan-17
E-NUS-RES-1470	Reservoir Roof Slab - Formwork	9.00	22-Jan-17	01-Feb-17
E-NUS-RES-1480	Reservoir Roof Slab - Reinforcing steel & Constuction Joints Installation	8.00	01-Feb-17	11-Feb-17
E-NUS-RES-1490	Reservoir Roof Slab - Place concrete (Stage 1-Part A & C)	1.00	11-Feb-17	12-Feb-17
E-NUS-RES-1500	Reservoir Roof Slab - Place concrete (Stage 2-Part B & D)	1.00	18-Feb-17	19-Feb-17
E-NUS-RES-1600	Deshuttering Formwork for Roof Slab	3.00	07-Mar-17	11-Mar-17
Mechanical Work				
E-NUS-RES-1510	Install buried & Non buried steel pipes & fittings- Outlet	5.00	19-Feb-17	27-Feb-17
E-NUS-RES-1540	Install buried steel pipes & fittings - Washout	5.00	27-Feb-17	05-Mar-17
E-NUS-RES-1570	Install buried & Non buried steel pipes & fittings - Inlet	3.00	05-Mar-17	08-Mar-17
E-NUS-RES-1580	Install buried steel pipes & fittings - Overflow	3.00	08-Mar-17	12-Mar-17
E-NUS-RES-1610	Testing, Adjusting Cleaning and Disinfection of Pipes and Valves	3.00	12-Mar-17	15-Mar-17
Electrical Work				
E-NUS-RES-1110	Installing Earthling System	5.00	21-Aug-16	27-Aug-16
E-NUS-RES-1530	Duct Bank & manholes construction	14.00	19-Feb-17	09-Mar-17
E-NUS-RES-1590	Construct Bases for external power lighting	10.00	09-Mar-17	21-Mar-17
E-NUS-RES-1650	Cable pulling	5.00	21-Mar-17	27-Mar-17
E-NUS-RES-1680	Distribution Board installation	5.00	27-Mar-17	02-Apr-17
E-NUS-RES-1700	Cables termination, testing & meggaring	7.00	02-Apr-17	10-Apr-17
E-NUS-RES-1710	Furnish and Installation of Lightning Protection System	3.00	10-Apr-17	13-Apr-17
E-NUS-RES-1720	Install Instruments	6.00	13-Apr-17	22-Apr-17
E-NUS-RES-1740	Control cables pulling and termination	7.00	22-Apr-17	02-May-17
Finishing Work				
E-NUS-RES-1030	Installing steel mesh fence	7.00	27-Jul-16	04-Aug-16
E-NUS-RES-1060	Installation of Access Gate	1.00	04-Aug-16	06-Aug-16
E-NUS-RES-1520	Fixing Roof Ventilation	1.00	19-Feb-17	22-Feb-17
E-NUS-RES-1550	Installing Hand Rail	2.00	01-Mar-17	04-Mar-17
E-NUS-RES-1560	Fixing external ladder	1.00	04-Mar-17	05-Mar-17
E-NUS-RES-1620	Install water level indicator & Hatches	3.00	11-Mar-17	14-Mar-17
E-NUS-RES-1630	Repair of Internal Walls	10.00	11-Mar-17	22-Mar-17
E-NUS-RES-1640	Install steel pipes inside reservoir - Outlet	5.00	11-Mar-17	16-Mar-17
E-NUS-RES-1660	Repair & applying external paint for the reservoir	15.00	22-Mar-17	09-Apr-17
E-NUS-RES-1670	Fixing internal stainless steel access ladder	1.00	22-Mar-17	23-Mar-17
E-NUS-RES-1690	Testing Hydraulic Structure	12.00	23-Mar-17	06-Apr-17
E-NUS-RES-1730	Applying internal epoxy paint for the reservoir	6.00	22-Apr-17	30-Apr-17
E-NUS-RES-1750	Cleaning and Disinfection the reservoir	7.00	30-Apr-17	09-May-17
Yard work				
E-NUS-RES-1760	Excavation, leveling & compacting Subgrade	6.00	02-May-17	09-May-17
E-NUS-RES-1770	Base-Coarse Backfilling material	6.00	09-May-17	16-May-17
E-NUS-RES-1780	Laying & Compaction of 20cm Base-Coarse	5.00	16-May-17	22-May-17
E-NUS-RES-1790	Laying 70mm asphalt wearing course	4.00	22-May-17	27-May-17
Testing, Training and Commissioning				
E-NUS-1000	Delivery of the final O&M Technical Manuals	20.00	12-Jan-17	05-Feb-17
E-NUS-3450	Site inspection/ Support/ Start up	16.00	22-Jul-17	09-Aug-17



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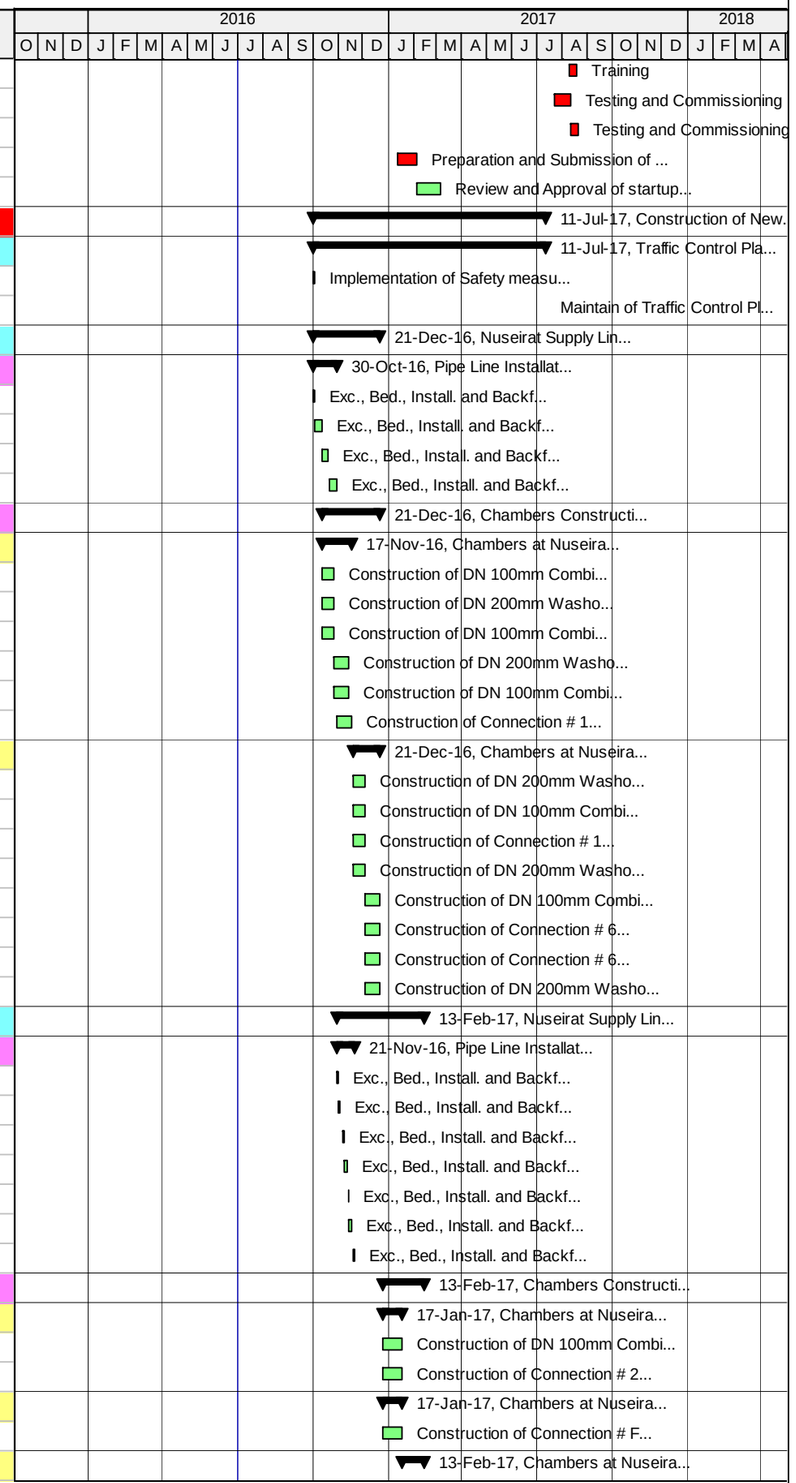
Activity ID	Activity Name	Original Duration	Start	Finish
E-NUS-3510	Training	8.00	09-Aug-17	19-Aug-17
E-NUS-3820	Testing and Commissioning of Electrical and Control System and Equipment	18.00	22-Jul-17	12-Aug-17
E-NUS-3850	Testing and Commissioning of the entire system	8.00	12-Aug-17	20-Aug-17
E-NUS-7665	Preparation and Submission of startup, testing, and commissioning plan and schedule to the Engineer	20.00	12-Jan-17	05-Feb-17
E-NUS-7675	Review and Approval of startup, testing, and commissioning plan and schedule to the Engineer	21.00	05-Feb-17	06-Mar-17
Construction of New Supply & Distribution Pipelines				
Traffic Control Plan and Safety measures				
E-NUS-7625	Implementation of Safety measures and Traffic Control Plan for Nuseirat Pipelines	2.00	01-Oct-16	02-Oct-16
E-NUS-7635	Maintain of Traffic Control Plan and Safety measures for Nuseirat Pipelines	207.75	03-Oct-16	11-Jul-17
Nuseirat Supply Line 1 and Distribution Line 4				
Pipe Line Installation				
E-NUS-SDP-1000	Exc., Bed., Install. and Backfill. Supply Lines NS1, NS2 & NS3 from NS1 1+000 to NS1 1+021 (NS1-315, NS2-500, NS3-1:	3.00	01-Oct-16	03-Oct-16
E-NUS-SDP-1010	Exc., Bed., Install. and Backfill. Supply Line NS1 & Dist. Line 4 from NS1 1+021 to NS1 1+596 (NS1-315mm & ND4-400mr	7.00	04-Oct-16	11-Oct-16
E-NUS-SDP-1030	Exc., Bed., Install. and Backfill. Supply Line NS1 & Dist. Line 4 from NS1 1+596 to NS1 2+226 (NS1-315mm & ND4-300mr	8.00	12-Oct-16	20-Oct-16
E-NUS-SDP-1060	Exc., Bed., Install. and Backfill. Supply Line NS1 from NS1 2+226 to NS1 2+915.16 (NS1-315mm)	8.00	22-Oct-16	30-Oct-16
Chambers Construction				
Chambers at Nuseirat Supply Line 1				
E-NUS-SDP-1020	Construction of DN 100mm Combination Air Valve and its chamber on DN 315mm (BOQ 110mm) at Station NS1 1+022	13.00	12-Oct-16	26-Oct-16
E-NUS-SDP-1040	Construction of DN 200mm Washout and its chamber on DN 315mm pipe at Station NS1 1+356	13.00	12-Oct-16	26-Oct-16
E-NUS-SDP-1050	Construction of DN 100mm Combination Air Valve and its chamber on DN 315mm (BOQ 110mm) at Station NS1 1+515	13.00	12-Oct-16	26-Oct-16
E-NUS-SDP-1070	Construction of DN 200mm Washout and its chamber on DN 315mm pipe at Station NS1 1+875	13.00	27-Oct-16	13-Nov-16
E-NUS-SDP-1080	Construction of DN 100mm Combination Air Valve and its chamber on DN 315mm (BOQ 110mm) at Station NS1 2+045	13.00	27-Oct-16	13-Nov-16
E-NUS-SDP-1090	Construction of Connection # 1, Line NS1, Station 2+915: Complete DN 280mm flanged Gate Valve Chamber	13.00	31-Oct-16	17-Nov-16
Chambers at Nuseirat Distribution Line 4				
E-NUS-SDP-1160	Construction of DN 200mm Washout and its chamber on DN 400mm pipe at Station ND4 1+360	13.00	19-Nov-16	03-Dec-16
E-NUS-SDP-1170	Construction of DN 100mm Combination Air Valve and its chamber on DN 400mm at Station ND4- 1+520	13.00	19-Nov-16	03-Dec-16
E-NUS-SDP-1180	Construction of Connection # 10, Line ND4, Station 1+590 : Complete DN 110mm flanged PRV	13.00	19-Nov-16	03-Dec-16
E-NUS-SDP-1190	Construction of DN 200mm Washout and its chamber on DN 315mm pipe at Station ND4 1+885	13.00	19-Nov-16	03-Dec-16
E-NUS-SDP-1250	Construction of DN 100mm Combination Air Valve and its chamber on DN 400mm at Station ND4- 2+050	13.00	04-Dec-16	21-Dec-16
E-NUS-SDP-1260	Construction of Connection # 6-01, Line ND4, Station 2+225: Complete DN 160mm flanged PRV	13.00	04-Dec-16	21-Dec-16
E-NUS-SDP-1270	Construction of Connection # 6+02,Line ND4, Station 2+230 : Complete DN 160mm flanged PRV	13.00	04-Dec-16	21-Dec-16
E-NUS-SDP-1280	Construction of DN 200mm Washout and its chamber on DN 315mm pipe at Station ND4 2+230	13.00	04-Dec-16	21-Dec-16
Nuseirat Supply Line 2, Supply Line 3, Distribution Line 1, and Distribution Line 2				
Pipe Line Installation				
E-NUS-SDP-1100	Exc., Bed., Install. and Backfill. Supply Lines NS2, NS3 & ND2 from NS2 1+020 to NS2 1+040 (NS2-280, NS3-110, ND2-4	2.00	31-Oct-16	01-Nov-16
E-NUS-SDP-1110	Exc., Bed., Install. and Backfill. Supply Lines NS2, NS3 & ND2 from NS2 1+040 to NS2 1+070 (NS2-280, NS3-110, ND2-5	2.00	02-Nov-16	03-Nov-16
E-NUS-SDP-1120	Exc., Bed., Install. and Backfill. Supply Lines NS2 and NS3 from NS2 1+070 to NS2 1+110 (NS2-280mm, NS3-110mm)	2.00	07-Nov-16	08-Nov-16
E-NUS-SDP-1130	Exc., Bed., Install. and Backfill. Supply Line NS2 from NS2 1+110 to NS2 1+283 (NS2-280mm)	3.00	09-Nov-16	12-Nov-16
E-NUS-SDP-1140	Exc., Bed., Install. and Backfill. Supply Line NS3 from NS3 1+108 to NS3 1+123 (NS3-110mm)	1.00	13-Nov-16	13-Nov-16
E-NUS-SDP-1150	Exc., Bed., Install. and Backfill. Distribution Line ND2 from ND2 1+100 to ND2 1+221.17 (ND2-500mm)	3.00	14-Nov-16	17-Nov-16
E-NUS-SDP-1200	Exc., Bed., Install. and Backfill. Distribution Line ND1 from ND1 1+040 to ND1 1+210.27 (ND1-500mm)	3.00	19-Nov-16	21-Nov-16
Chambers Construction				
Chambers at Nuseirat Supply Line 2				
E-NUS-SDP-1350	Construction of DN 100mm Combination Air Valve and its chamber on DN 280mm at Station NS2 1+200	13.00	26-Dec-16	17-Jan-17
E-NUS-SDP-1360	Construction of Connection # 2, Line NS2, Station 1+282 : Complete DN 280mm flanged Gate Valve chamber	13.00	26-Dec-16	17-Jan-17
Chambers at Nuseirat Supply Line 3				
E-NUS-SDP-1370	Construction of Connection # FORQAN WELL Line NS3, Station 1+122 : Complete DN 100mm flanged Gate Valve chamt	13.00	26-Dec-16	17-Jan-17
Chambers at Nuseirat Distribution Line 1				



Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

TASK filter: All Activities

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TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package I

03-Jul-16 10:31

Activity ID	Activity Name	Original Duration	Start	Finish
E-NUS-SDP-1420	Construction of Connection # 9, Line ND1, Station 1+145 : Complete DN 110mm flanged PRV chamber	23.00	18-Jan-17	13-Feb-17
E-NUS-SDP-1430	Construction of DN 250mm Washout and its chamber on DN 500mm pipe at Station ND1 1+210.27	14.00	18-Jan-17	02-Feb-17
E-NUS-SDP-1460	Construction of Connection # 4, Line ND1, Station 1+210 : Complete DN 110mm flanged PRV chamber	23.00	18-Jan-17	13-Feb-17
Chambers at Nuseirat Distribution Line 2				
E-NUS-SDP-1440	Construction of DN 100mm Combination Air Valve and its chamber on DN 500mm at Station ND2- 1+155	14.00	18-Jan-17	02-Feb-17
E-NUS-SDP-1450	Construction of DN 250mm Washout and its chamber on DN 500mm pipe at Station ND2 1+215	14.00	18-Jan-17	02-Feb-17
Nuseirat Distribution Line 3				
Pipe Line Installation				
E-NUS-SDP-1210	Exc., Bed., Install. and Backfill. Distribution Line 3 from ND3 1+000 to ND3 1+608 (ND3 - 355mm)	7.00	22-Nov-16	29-Nov-16
E-NUS-SDP-1230	Exc., Bed., Install. and Backfill. Distribution Line 3 from ND3 1+608 to ND3 2+297.53 (ND3 - 280mm)	8.00	30-Nov-16	08-Dec-16
Chambers Construction				
E-NUS-SDP-1290	Construction of Connection # 3, Line ND3, Station 1+000 : Complete DN 160mm flanged PRV	21.00	10-Dec-16	17-Jan-17
E-NUS-SDP-1300	Construction of DN 100mm Combination Air Valve and its chamber on DN 355mm at station ND3- 1+069	13.00	10-Dec-16	31-Dec-16
E-NUS-SDP-1310	Construction of DN 200mm Washout and its chamber on DN 280mm pipe at Station ND3 1+758	13.00	10-Dec-16	31-Dec-16
E-NUS-SDP-1320	Construction of Connection # 7, Line ND3, Station 1+616 : Complete 160mm flanged PRV	21.00	10-Dec-16	17-Jan-17
E-NUS-SDP-1470	Construction of DN 100mm Combination Air Valve and its chamber on DN 280mm at station ND3 - 1+820	14.00	18-Jan-17	02-Feb-17
E-NUS-SDP-1480	Construction of DN 200mm Washout and its chamber on DN 280mm pipe at Station ND3 2+200	14.00	18-Jan-17	02-Feb-17
E-NUS-SDP-1490	Construction of DN 100mm Combination Air Valve and its chamber on DN 280mm at station ND3 - 2+280	14.00	18-Jan-17	02-Feb-17
E-NUS-SDP-1500	Construction of Connection # 8, Line ND3, Station 1+815 : Complete DN 150mm flanged PRV	23.00	18-Jan-17	13-Feb-17
E-NUS-SDP-1510	Construction of Connection # 5, Line ND3, Station 2+297 : Complete DN 160mm flanged Gate Valve chamber	14.00	18-Jan-17	02-Feb-17
Pavement repair and reinstatement				
Nuseirat Supply Line 1 and Distribution Line 4				
E-NUS-SDP-1330	Trench Reinstatement for Supply Lines NS1, NS2 & NS3 from NS1 1+000 to NS1 1+021 (NS1-315, NS2-500, NS3-110mr	3.00	10-Dec-16	13-Dec-16
E-NUS-SDP-1340	Trench Reinstatement for Supply Line NS1 & Dist. Line 4 from NS1 1+021 to NS1 1+596 (NS1-315mm & ND4-400mm)	7.00	14-Dec-16	27-Dec-16
E-NUS-SDP-1380	Trench Reinstatement for Supply Line NS1 & Dist. Line 4 from NS1 1+596 to NS1 2+226 (NS1-315mm & ND4-315mm)	8.00	28-Dec-16	14-Jan-17
E-NUS-SDP-1390	Trench Reinstatement for Supply Line NS1 from NS1 2+226 to NS1 2+915.16 (NS1-315mm)	9.00	15-Jan-17	24-Jan-17
Nuseirat Supply Line 2, Supply Line 3, Distribution Line 1, and Distribution Line 2				
E-NUS-SDP-1520	Trench Reinstatement for Supply Lines NS2, NS3 & ND2 from NS2 1+020 to NS2 1+040 (NS2-280, NS3-110, ND2-400mı	2.00	25-Jan-17	26-Jan-17
E-NUS-SDP-1530	Trench Reinstatement for Supply Lines NS2, NS3 & ND2 from NS2 1+040 to NS2 1+070 (NS2-280, NS3-110, ND2-500mı	2.00	28-Jan-17	29-Jan-17
E-NUS-SDP-1540	Trench Reinstatement for Supply Lines NS2 and NS3 from NS2 1+070 to NS2 1+110 (NS2-280mm, NS3-110mm)	2.00	30-Jan-17	31-Jan-17
E-NUS-SDP-1550	Trench Reinstatement for Supply Line NS2 from NS2 1+110 to NS2 1+283 (NS2-280mm)	3.00	01-Feb-17	04-Feb-17
E-NUS-SDP-1560	Trench Reinstatement for Supply Line NS3 from NS3 1+108 to NS3 1+123 (NS3-110mm)	1.00	05-Feb-17	05-Feb-17
E-NUS-SDP-1570	Trench Reinstatement for Distribution Line ND2 from ND2 1+100 to ND2 1+221.17 (ND2-500mm)	3.00	06-Feb-17	08-Feb-17
E-NUS-SDP-1580	Trench Reinstatement for Distribution Line ND1 from ND1 1+040 to ND1 1+210.27 (ND1-500mm)	3.00	09-Feb-17	12-Feb-17
Nuseirat Distribution Line 3				
E-NUS-SDP-1590	Trench Reinstatement for Distribution Line 3 from ND3 1+000 to ND3 1+608 (ND3 - 355mm)	7.00	13-Feb-17	22-Feb-17
E-NUS-SDP-1600	Trench Reinstatement for Distribution Line 3 from ND3 1+608 to ND3 2+297.53 (ND3 - 280mm)	8.00	23-Feb-17	04-Mar-17
Electro - Mechanical work including instrumentation				
E-NUS-SDP-1220	Mechanical installation for Nuseirat Valves and Vaults (Connections, PRV, Washout, ARV) - Supply Line 1	24.00	29-Jan-17	28-Feb-17
E-NUS-SDP-1240	Mechanical installation for Nuseirat Valves and Vaults (Connections, PRV, Washout, ARV) - Supply Line 4	24.00	29-Jan-17	28-Feb-17
E-NUS-SDP-1400	Mechanical installation for Nuseirat Valves and Vaults (Connections, PRV, Washout, ARV) - NS2, NS3, ND1, ND2	26.00	29-Jan-17	02-Mar-17
E-NUS-SDP-1410	Mechanical installation for Nuseirat Valves and Vaults (Connections, PRV, Washout, ARV) - ND3	26.00	29-Jan-17	02-Mar-17
Testing, Training and Commissioning				
NUS-1180	Cleaning, washing, testing and disinfection for Transmission Pipeline	19.00	13-Mar-17	03-Apr-17
NUS-1190	Training	6.00	24-Jun-17	05-Jul-17
NUS-1200	Delivery of the final O&M Technical Manuals	18.00	13-Mar-17	02-Apr-17
NUS-1210	Site inspection/ Support/ Start up	10.00	05-Jun-17	22-Jun-17
NUS-1220	Testing and Commissioning of Electrical and Control System and Equipment	7.00	24-Jun-17	06-Jul-17

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

TASK filter: All Activities

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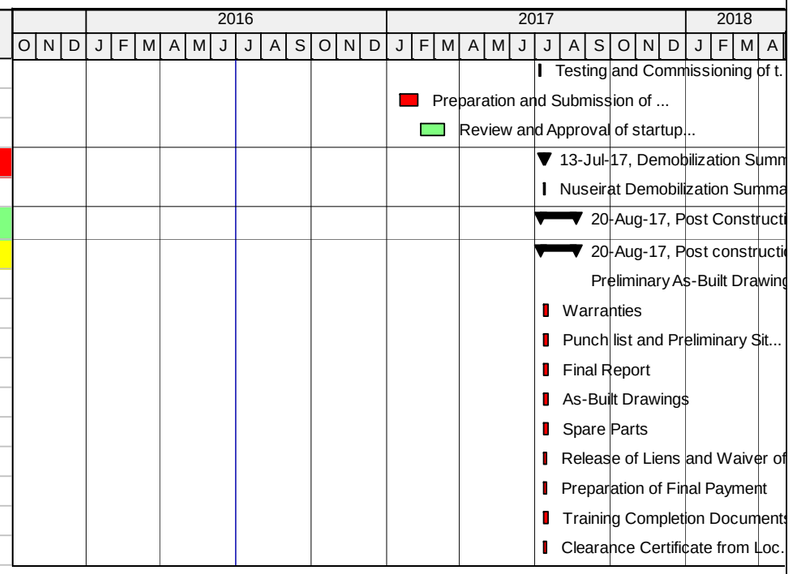
TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package I

03-Jul-16 10:31

Activity ID	Activity Name	Original Duration	Start	Finish
NUS-1230	Testing and Commissioning of the entire system	2.67	06-Jul-17	09-Jul-17
NUS-7685	Preparation and Submission of startup, testing, and commissioning plan and schedule to the Engineer	20.00	18-Jan-17	09-Feb-17
NUS-7695	Review and Approval of startup, testing, and commissioning plan and schedule to the Engineer	21.00	12-Feb-17	12-Mar-17
Demobilization Summary Cost				
GAZI - 1010	Nuseirat Demobilization Summary Cost	2.00	11-Jul-17	13-Jul-17
Post Construction Phase				
Post construction Submittals				
GAZI-PCS-1000	Preliminary As-Built Drawings	30.88	09-Jul-17	20-Aug-17
GAZI-PCS-1020	Warranties	4.00	11-Jul-17	17-Jul-17
GAZI-PCS-1030	Punch list and Preliminary Site Hand over and Final Acceptance Certificate	4.00	11-Jul-17	17-Jul-17
GAZI-PCS-1040	Final Report	4.00	11-Jul-17	17-Jul-17
GAZI-PCS-1060	As-Built Drawings	4.00	11-Jul-17	17-Jul-17
GAZI-PCS-1070	Spare Parts	4.00	11-Jul-17	17-Jul-17
GAZI-PCS-1080	Release of Liens and Waiver of Debts and Claims letter	3.00	11-Jul-17	16-Jul-17
GAZI-PCS-1090	Preparation of Final Payment	3.00	11-Jul-17	16-Jul-17
GAZI-PCS-1100	Training Completion Documents	4.00	11-Jul-17	17-Jul-17
GAZI-PCS-1110	Clearance Certificate from Local Authorities	3.00	11-Jul-17	16-Jul-17



Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

TASK filter: All Activities

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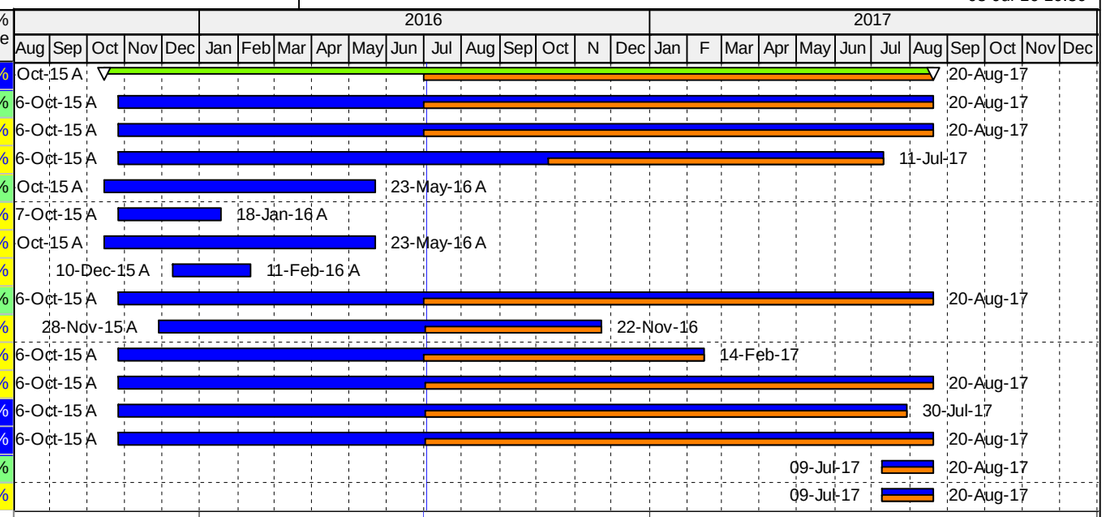
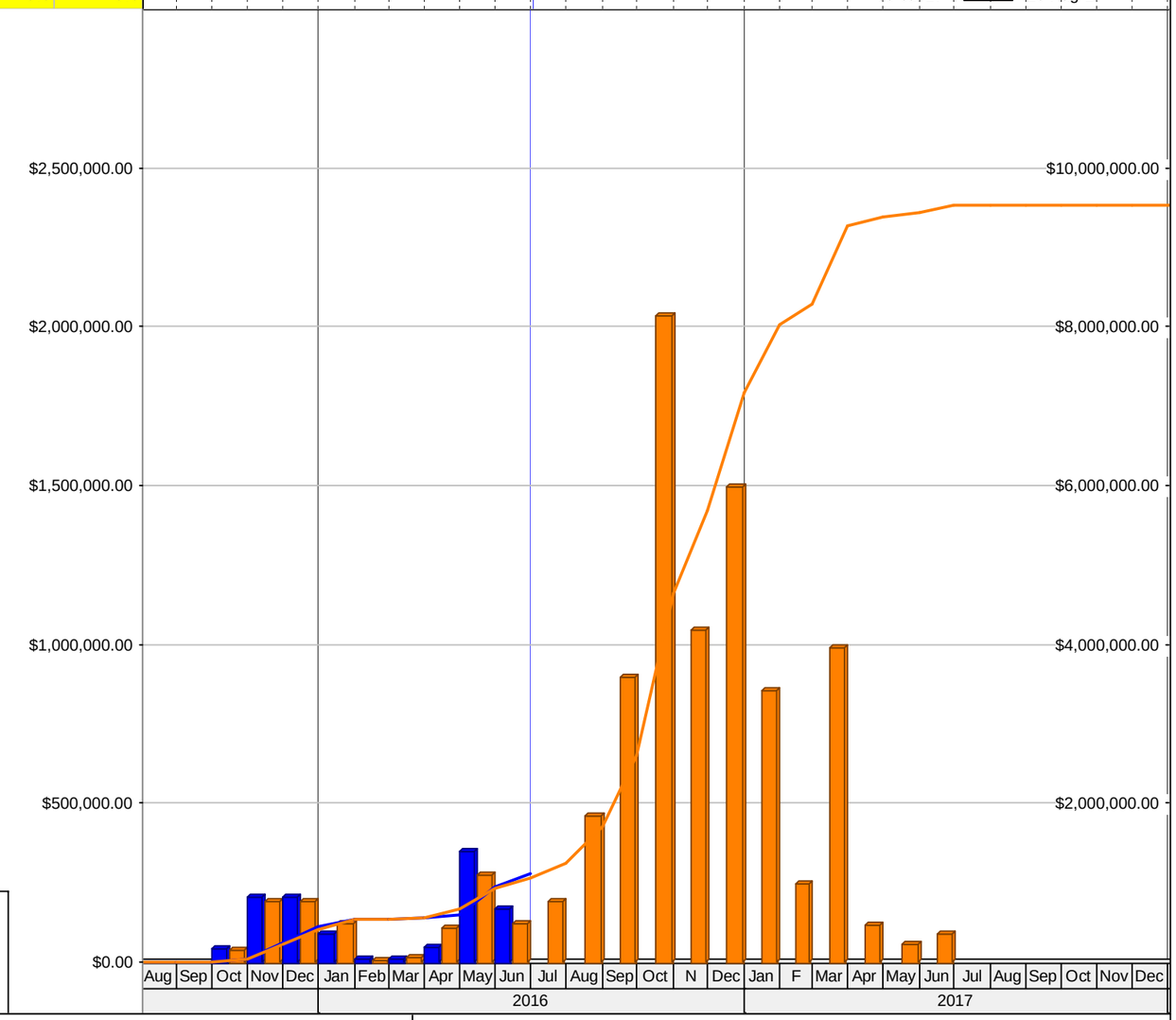
Annex C - Progress S - Curve

WBS Name	Start	Finish	Schedule % Complete	Cost % Complete
TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs an	15-Oct-1	20-Aug-17	11.09%	11.65%
Milestones	26-Oct-1	20-Aug-17	0%	0%
General Milestones	26-Oct-1	20-Aug-17	0%	0%
Intermediate Milestones	26-Oct-1	11-Jul-17	0%	0%
Preconstruction Phase	15-Oct-1	23-May-16 A	0%	0%
Mobilization	27-Oct-1	18-Jan-16 A	0%	0%
Preconstruction Submittals	15-Oct-1	23-May-16 A	0%	0%
Traffic Control Plan, Coordination and Permits	10-Dec-1	11-Feb-16 A	0%	0%
Construction Phase	26-Oct-1	20-Aug-17	11.09%	11.65%
Construction Submittals	28-Nov-1	22-Nov-16	0%	0%
Procurement	26-Oct-1	14-Feb-17	0%	0%
Execution	26-Oct-1	20-Aug-17	11.09%	11.65%
Project 1, Construction of Al Atatrah Reservoir and Pumping Facilities	26-Oct-1	30-Jul-17	15.03%	15.86%
Project 2, Construction of Nuseirat Reservoir and Pumping Facilities:	26-Oct-1	20-Aug-17	7.26%	7.55%
Post Construction Phase	09-Jul-17	20-Aug-17	0%	0%
Post construction Submittals	09-Jul-17	20-Aug-17	0%	0%





Actual Total Cost
Planned Value Cost
BL Project Total Cost

All EPS Elements | WBS Elements below Project | Forecast Bar
All Projects | Summary

Resource:

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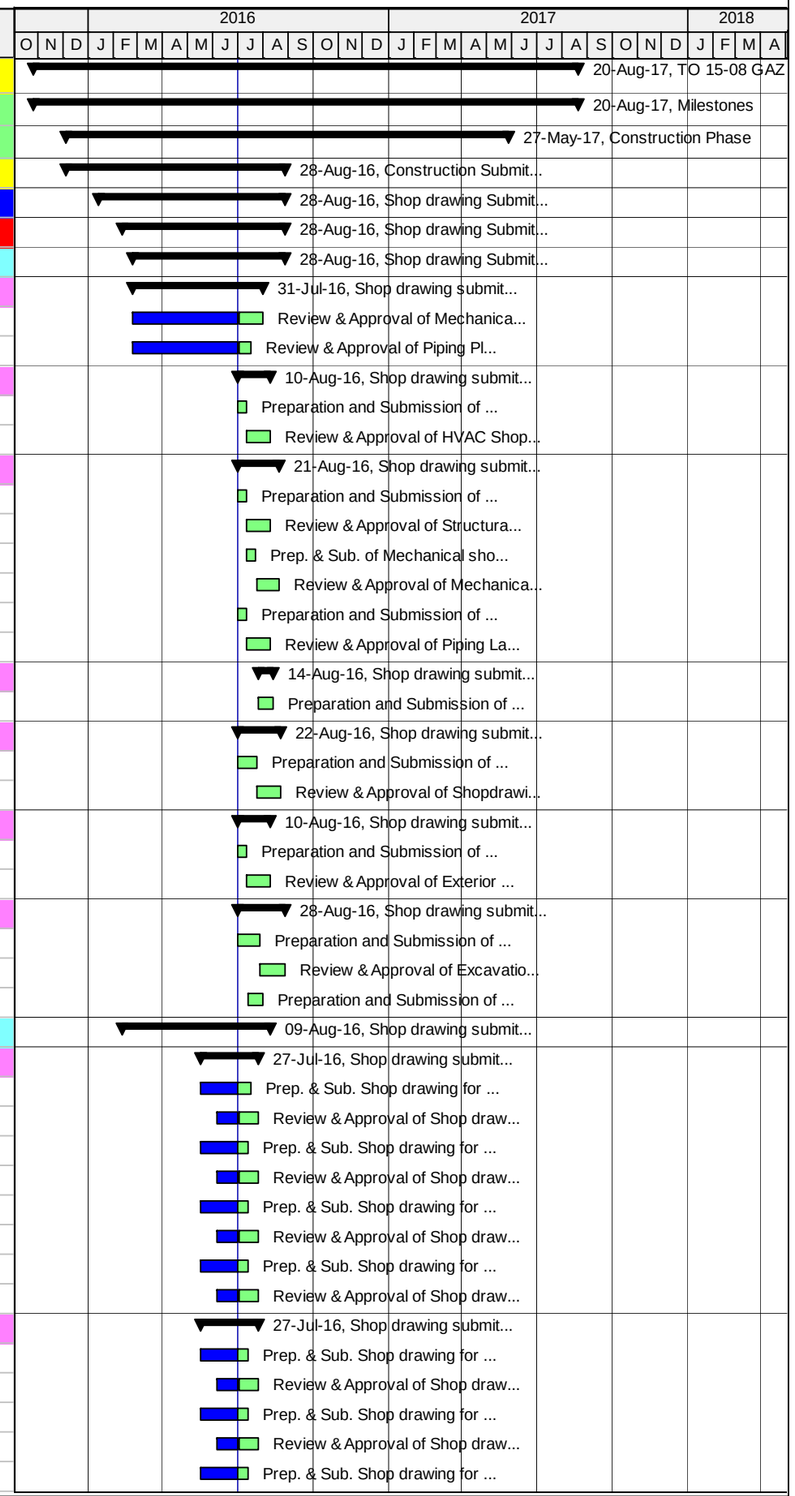
Annex D - One Month Look Ahead

TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package I

03-Jul-16 10:32

Activity ID	Activity Name	Original Duration	Start	Finish
TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package I				
Milestones				
Construction Phase				
Construction Submittals				
Shop drawing Submittals				
Shop drawing Submittals for Project 1 - Al Atatrah Reservoir and Pumping Facilities				
Shop drawing Submittals for Al Atatrah Reservoir and Pumping Facilities				
Shop drawing submittals for Al Atatrah Reservoir - 3,800 m3				
ATA-SD-RES-1070	Review & Approval of Mechanical shopdrawing for Al Atatrah Reservoir	21.00	24-Feb-16 A	31-Jul-16
ATA-SD-RES-1170	Review & Approval of Piping Plan & Sections shop Drawing for Al Atatrah Reservoir	21.00	24-Feb-16 A	17-Jul-16
Shop drawing submittals for Al Atatrah Disinfection Building				
ATA-SD-DIS-1080	Preparation and Submission of HVAC Shop Drawing for Al Atatrah Disinfection Building	5.00	02-Jul-16	12-Jul-16
ATA-SD-DIS-1090	Review & Approval of HVAC Shop Drawing for Al Atatrah Disinfection Building	21.00	12-Jul-16	10-Aug-16
Shop drawing submittals for Al Atatrah Booster Pump Station				
ATA-SD-BP-1000	Preparation and Submission of Structural & Architectural Shopdrawing for Al Atatrah Booster Pump Station	5.00	02-Jul-16	12-Jul-16
ATA-SD-BP-1010	Review & Approval of Structural & Architectural Shopdrawing for Al Atatrah Booster Pump Station	21.00	12-Jul-16	10-Aug-16
ATA-SD-BP-1020	Prep. & Sub. of Mechanical shopdrawing for Al Atatrah Booster Pump Station	9.00	12-Jul-16	23-Jul-16
ATA-SD-BP-1030	Review & Approval of Mechanical shopdrawing for Al Atatrah Booster Pump Station	21.00	24-Jul-16	21-Aug-16
ATA-SD-BP-1120	Preparation and Submission of Piping Layout shop Drawing for Al Atatrah Booster Pump Station	5.00	02-Jul-16	12-Jul-16
ATA-SD-BP-1130	Review & Approval of Piping Layout shop Drawing for Al Atatrah Booster Pump Station	21.00	12-Jul-16	10-Aug-16
Shop drawing submittals for Al Atatrah Diesel Generator				
ATA-SD-DG-1000	Preparation and Submission of Shop drawing for Al Atatrah Diesel Generator	15.00	27-Jul-16	14-Aug-16
Shop drawing submittals for Al Atatrah Primary Power and Supply Transformer				
ATA-SD-T-1000	Preparation and Submission of Shop drawing for Al Atatrah Primary Power and Supply Transformer	15.00	02-Jul-16	24-Jul-16
ATA-SD-T-1010	Review & Approval of Shopdrawing for Al Atatrah Primary Power and Supply Transformer	21.00	24-Jul-16	22-Aug-16
Shop drawing submittals for Al Atatrah Site Work - Site Utilities				
ATA-SD-RES-1220	Preparation and Submission of Exterior Gate for Al Atatrah Reservoir	5.00	02-Jul-16	12-Jul-16
ATA-SD-RES-1230	Review & Approval of Exterior Gate for Al Atatrah Reservoir	21.00	12-Jul-16	10-Aug-16
Shop drawing submittals for Al Atatrah Skid Mounted Booster Pump Station				
ATA-SD-LBP-1020	Preparation and Submission of Excavation Plan for Al Atatrah In Line Booster Pump Station	19.00	02-Jul-16	28-Jul-16
ATA-SD-LBP-1030	Review & Approval of Excavation Plan for Al Atatrah In Line Booster Pump Station	21.00	28-Jul-16	28-Aug-16
ATA-SD-LBP-1040	Preparation and Submission of Structural & Architectural Shopdrawing for Al Atatrah Booster Pump Station	15.00	13-Jul-16	31-Jul-16
Shop drawing submittals for Al Atatrah Supply & Distribution Pipelines				
Shop drawing submittals for Supply Line 1 (DN 280mm, 160mm) & Distribution Pipes (315mm, 355mm)				
ATA-SD-SDP-1000	Prep. & Sub. Shop drawing for Supply and Distribution Pipes from TS1 1+000 TO TS1 1+625 (280mm, 315mm, 355mm)	20.00	18-May-16	18-Jul-16
ATA-SD-SDP-1010	Review & Approval of Shop drawing for Supply and Distribution Pipes from TS1 1+000 TO TS1 1+625 (280mm, 315mm, 3	21.00	06-Jun-16 A	27-Jul-16
ATA-SD-SDP-1020	Prep. & Sub. Shop drawing for Supply pipes from TS1 1+625 To Station TS1 2+300 (DN 160mm)	15.00	18-May-16	14-Jul-16
ATA-SD-SDP-1030	Review & Approval of Shop drawing for Supply pipes from TS1 1+625 To Station TS1 2+300 (DN 160mm)	21.00	06-Jun-16 A	27-Jul-16
ATA-SD-SDP-1040	Prep. & Sub. Shop drawing for Supply pipes from TS1 2+300 To Station TS1 2+961 (DN 160mm)	15.00	18-May-16	14-Jul-16
ATA-SD-SDP-1050	Review & Approval of Shop drawing for Supply pipes from TS1 2+300 To Station TS1 2+961 (DN 160mm)	21.00	06-Jun-16 A	27-Jul-16
ATA-SD-SDP-1160	Prep. & Sub. Shop drawing for Distribution pipe from TD1 1+085 To Station TD1 1+842 (DN 225mm)	15.00	18-May-16	14-Jul-16
ATA-SD-SDP-1170	Review & Approval of Shop drawing for Distribution pipe from TD1 1+085 To Station TD1 1+842 (DN 225mm)	21.00	06-Jun-16 A	27-Jul-16
Shop drawing submittals for Supply Line 2 (DN 225mm) and Distribution Pipes (315mm)				
ATA-SD-SDP-1060	Prep. & Sub. Shop drawing for Supply and Distribution pipes From TS2 1+000 TO TS2 1+450 (DN 225mm, 315mm)	15.00	18-May-16	14-Jul-16
ATA-SD-SDP-1070	Review & Approval of Shop drawing for Supply and Distribution pipes From TS2 1+000 TO TS2 1+450 (DN 225mm, 315m	21.00	06-Jun-16 A	27-Jul-16
ATA-SD-SDP-1080	Prep. & Sub. Shop drawing for Supply pipes From TS2 1+450 TO TS2 2+000 (DN 225mm)	15.00	18-May-16	14-Jul-16
ATA-SD-SDP-1090	Review & Approval of Shop drawing for Supply pipes From TS2 1+450 TO TS2 2+000 (DN 225mm)	21.00	06-Jun-16 A	27-Jul-16
ATA-SD-SDP-1100	Prep. & Sub. Shop drawing for Supply pipes From TS2 2+000 TO TS2 2+610 (DN 225mm)	15.00	18-May-16	14-Jul-16



Ad Critical Remaining Work Summary
Remaining Work ◆ ◆ Milestone

TASK filter: 4W.

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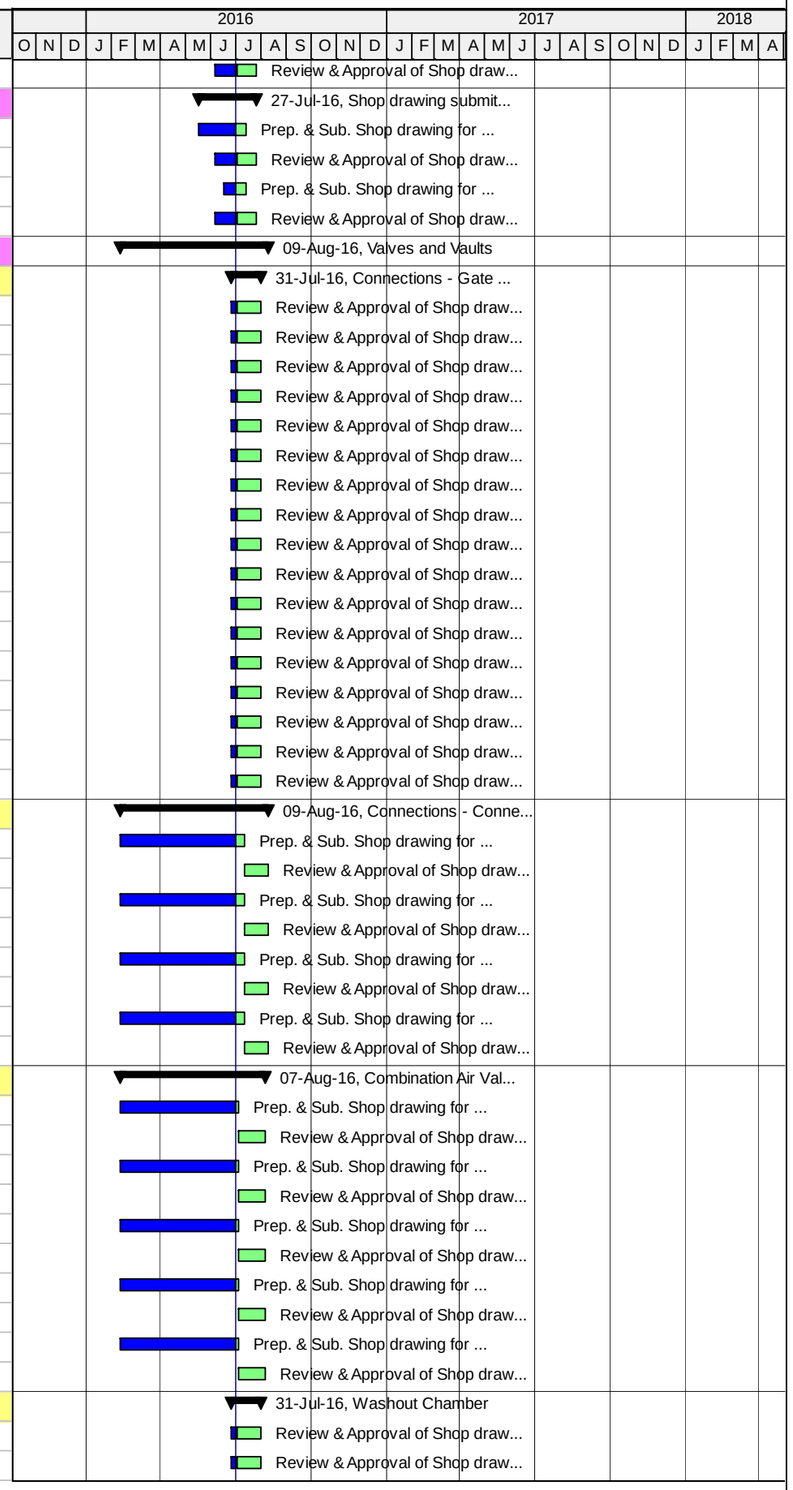
TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package I

03-Jul-16 10:32

Activity ID	Activity Name	Original Duration	Start	Finish
ATA-SD-SDP-1110	Review & Approval of Shop drawing for Supply pipes From TS2 2+000 TO TS2 2+610 (DN 225mm)	21.00	06-Jun-16 A	27-Jul-16
Shop drawing submittals for Supply Line 3 (DN 280 mm)				
ATA-SD-SDP-1120	Prep. & Sub. Shop drawing for Supply pipes from TS3 1+000 To Station TS3 1+500 (DN 280mm)	15.00	18-May-16	14-Jul-16
ATA-SD-SDP-1130	Review & Approval of Shop drawing for Supply pipes from TS3 1+000 To Station TS3 1+500 (DN 280mm)	21.00	06-Jun-16 A	27-Jul-16
ATA-SD-SDP-1140	Prep. & Sub. Shop drawing for Supply pipes from TS3 1+500 To Station TS3 1+969 (DN 280mm)	15.00	18-Jun-16 A	14-Jul-16
ATA-SD-SDP-1150	Review & Approval of Shop drawing for Supply pipes from TS3 1+500 To Station TS3 1+969 (DN 280mm)	21.00	06-Jun-16 A	27-Jul-16
Valves and Vaults				
Connections - Gate and / or Butterfly Valves Chambers				
ATA-SD-SDP-1450	Review & Approval of Shop drawing for Connection # 4-01,Line TD1, Station 1+016 : Complete DN 300mm flanged BFV	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1470	Review & Approval of Shop drawing for Connection # 4-02,Line TD1, Station 1+026 : Complete 160mm flanged Gate Valve	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1490	Review & Approval of Shop drawing for Connection # 5-01,Line TD2, Station 1+486 : Complete DN 100mm flanged Gate \	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1510	Review & Approval of Shop drawing for Connection # 5-02,Line TD2, Station 1+488 : Complete DN 160mm flanged Gate \	21.00	26-Jun-16 A	31-Jul-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	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1550	Review & Approval of Shop drawing for Connection # 3-01,Line TD2, Station 1+915 : Complete DN 160mm flanged Gate \	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1570	Review & Approval of Shop drawing for Connection # 3-02,Line TD2, Station 1+935 : Complete DN 150mm flanged Gate \	21.00	26-Jun-16 A	31-Jul-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	21.00	26-Jun-16 A	31-Jul-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	21.00	26-Jun-16 A	31-Jul-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	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1650	Review & Approval of Shop drawing for Connection # 6,Line TS1, Station 2+876 : Complete DN 150mm flanged Gate Valv	21.00	26-Jun-16 A	31-Jul-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	21.00	26-Jun-16 A	31-Jul-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	21.00	26-Jun-16 A	31-Jul-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	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1730	Review & Approval of Shop drawing for Connection # ASLAN WELL,Line TS2, Station 2+609 : Complete DN 150mm flang	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1750	Review & Approval of Shop drawing for Connection # D-73-01 WELL,Line TS3, Station 1+968 : Complete DN 150mm flan	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1770	Review & Approval of Shop drawing for Connection # D-73-02 WELL, Line TS3, Station 1+970 : Complete DN 150mm fla	21.00	26-Jun-16 A	31-Jul-16
Connections - Connections - Pressure Reducing Valves Chambers				
ATA-SD-SDP-1360	Prep. & Sub. Shop drawing for Connection # 1-01, Line TD1, Station 1+825 : Complete DN 150mm flanged PRV	15.00	11-Feb-16 A	11-Jul-16
ATA-SD-SDP-1370	Review & Approval of Shop drawing for Connection # 1-01, Line TD1, Station 1+825 : Complete DN 150mm flanged PRV	21.00	11-Jul-16	09-Aug-16
ATA-SD-SDP-1380	Prep. & Sub. Shop drawing for Connection # 1-02,Line TD1, Station 1+842 : Complete DN 110mm flanged PRV	15.00	11-Feb-16 A	11-Jul-16
ATA-SD-SDP-1390	Review & Approval of Shop drawing for Connection # 1-02,Line TD1, Station 1+842 : Complete DN 110mm flanged PRV	21.00	11-Jul-16	09-Aug-16
ATA-SD-SDP-1400	Prep. & Sub. Shop drawing for Connection A, to be field located: Complete DN 4" flanged PRV	15.00	11-Feb-16 A	11-Jul-16
ATA-SD-SDP-1410	Review & Approval of Shop drawing for Connection A, to be field located: Complete DN 4" flanged PRV	21.00	11-Jul-16	09-Aug-16
ATA-SD-SDP-1420	Prep. & Sub. Shop drawing for Connection B, to be field located: Complete DN 6" flanged PRV	15.00	11-Feb-16 A	11-Jul-16
ATA-SD-SDP-1430	Review & Approval of Shop drawing for Connection B, to be field located: Complete DN 6" flanged PRV	21.00	11-Jul-16	09-Aug-16
Combination Air Valve Chambers				
ATA-SD-SDP-1260	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 355mm	5.00	11-Feb-16 A	04-Jul-16
ATA-SD-SDP-1270	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 355mm	21.00	04-Jul-16	07-Aug-16
ATA-SD-SDP-1280	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 325mm	5.00	11-Feb-16 A	04-Jul-16
ATA-SD-SDP-1290	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 325mm	21.00	04-Jul-16	07-Aug-16
ATA-SD-SDP-1300	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 280mm	5.00	11-Feb-16 A	04-Jul-16
ATA-SD-SDP-1310	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 280mm	21.00	04-Jul-16	07-Aug-16
ATA-SD-SDP-1320	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 160mm	5.00	11-Feb-16 A	04-Jul-16
ATA-SD-SDP-1330	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 160mm	21.00	04-Jul-16	07-Aug-16
ATA-SD-SDP-1340	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 225mm	5.00	11-Feb-16 A	04-Jul-16
ATA-SD-SDP-1350	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 225mm	21.00	04-Jul-16	07-Aug-16
Washout Chamber				
ATA-SD-SDP-1190	Review & Approval of Shop drawing for DN 100mm washout and its chamber on DN 160mm pipes	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1210	Review & Approval of Shop drawing for DN 160mm washout and its chamber on DN 225mm pipes	21.00	26-Jun-16 A	31-Jul-16



Ac Critical Remaining Work Summary
Remaining Work Milestone

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TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package I

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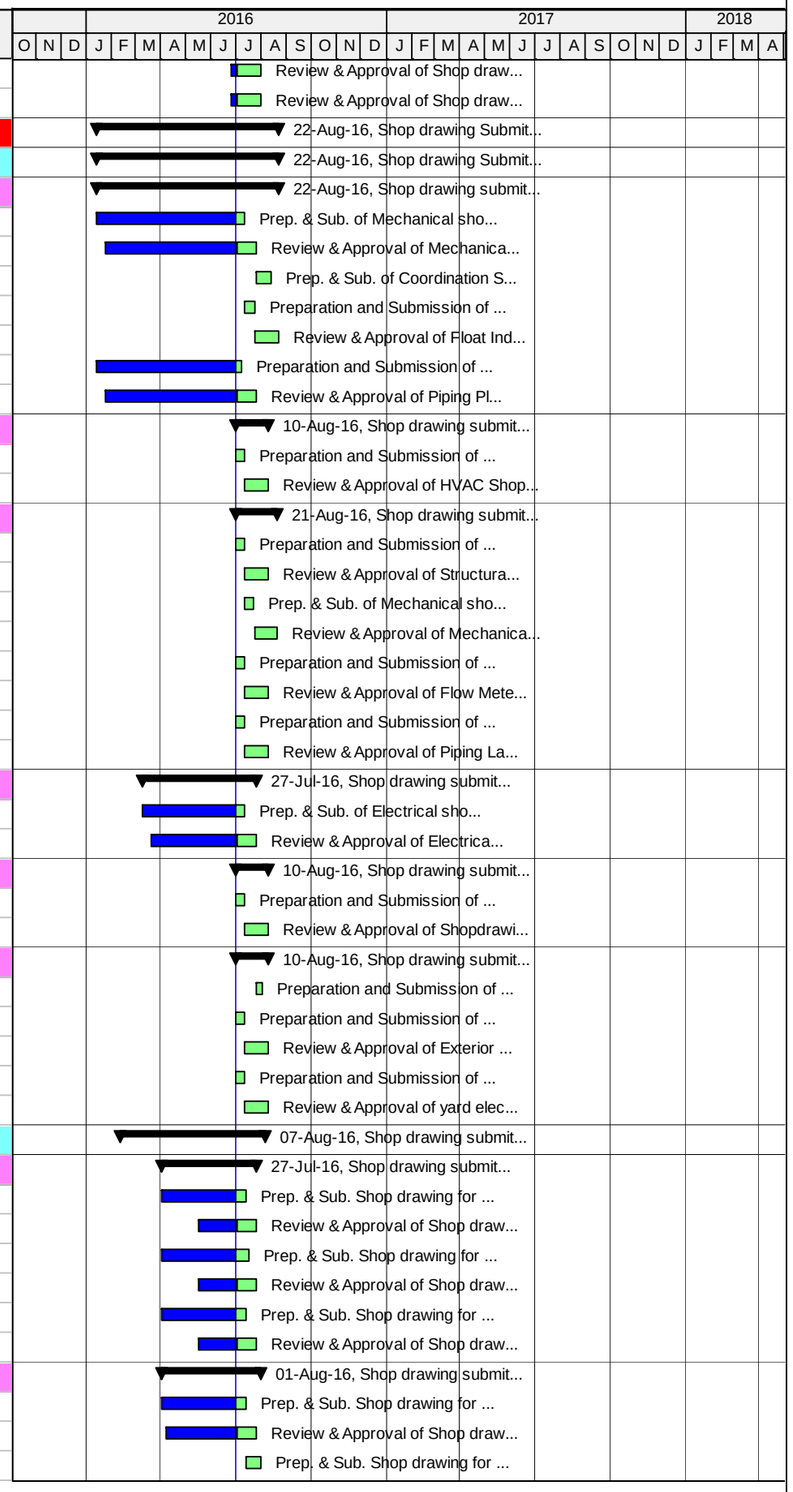
Activity ID	Activity Name	Original Duration	Start	Finish
ATA-SD-SDP-1230	Review & Approval of Shop drawing for DN 225mm washout and its chamber on DN 280mm pipes	21.00	26-Jun-16 A	31-Jul-16
ATA-SD-SDP-1250	Review & Approval of Shop drawing for DN 225mm washout and its chamber on DN 315mm pipes	21.00	26-Jun-16 A	31-Jul-16
Shop drawing Submittals for Project 2 - Nuseirat Reservoir and Pumping Facilities				
Shop drawing Submittals for Nuseirat Reservoir and Pumping Facilities				
Shop drawing submittals for Nuseirat Reservoir - 3,800 m3				
NUS-SD-RES-1220	Prep. & Sub. of Mechanical shopdrawing for Nuseirat Reservoir	10.00	14-Jan-16 A	12-Jul-16
NUS-SD-RES-1230	Review & Approval of Mechanical shopdrawing for Nuseirat Reservoir	21.00	24-Jan-16 A	27-Jul-16
NUS-SD-RES-1290	Prep. & Sub. of Coordination Shop drawing for Nuseirat Reservoir	15.00	27-Jul-16	14-Aug-16
NUS-SD-RES-1320	Preparation and Submission of Float Indicator Location & Details shop Drawing for Nuseirat Reservoir	10.00	12-Jul-16	24-Jul-16
NUS-SD-RES-1330	Review & Approval of Float Indicator Location & Details shop Drawing for Nuseirat Reservoir	21.00	24-Jul-16	22-Aug-16
NUS-SD-RES-1340	Preparation and Submission of Piping Plan & Sections shop Drawing for Nuseirat Reservoir	5.00	14-Jan-16 A	09-Jul-16
NUS-SD-RES-1350	Review & Approval of Piping Plan & Sections shop Drawing for Nuseirat Reservoir	21.00	24-Jan-16 A	27-Jul-16
Shop drawing submittals for Nuseirat Disinfection Building				
NUS-SD-DIS-1180	Preparation and Submission of HVAC Shop Drawing for Nuseirat Disinfection Building	5.00	02-Jul-16	12-Jul-16
NUS-SD-DIS-1190	Review & Approval of HVAC Shop Drawing for Nuseirat Disinfection Building	21.00	12-Jul-16	10-Aug-16
Shop drawing submittals for Nuseirat Booster Pump Station				
NUS-SD-BP-1140	Preparation and Submission of Structural & Architectural Shopdrawing for Nuseirat Booster Pump Station	5.00	02-Jul-16	12-Jul-16
NUS-SD-BP-1150	Review & Approval of Structural & Architectural Shopdrawing for Nuseirat Booster Pump Station	21.00	12-Jul-16	10-Aug-16
NUS-SD-BP-1160	Prep. & Sub. of Mechanical shopdrawing for Nuseirat Booster Pump Station	9.00	12-Jul-16	23-Jul-16
NUS-SD-BP-1170	Review & Approval of Mechanical shopdrawing for Nuseirat Booster Pump Station	21.00	24-Jul-16	21-Aug-16
NUS-SD-BP-1220	Preparation and Submission of Flow Meters Mechanical shop drawing for Nuseirat Booster Pump Station	5.00	02-Jul-16	12-Jul-16
NUS-SD-BP-1230	Review & Approval of Flow Meters Mechanical shop drawing for Nuseirat Booster Pump Station	21.00	12-Jul-16	10-Aug-16
NUS-SD-BP-1240	Preparation and Submission of Piping Layout shop Drawing for Nuseirat Booster Pump Station	5.00	02-Jul-16	12-Jul-16
NUS-SD-BP-1250	Review & Approval of Piping Layout shop Drawing for Nuseirat Booster Pump Station	21.00	12-Jul-16	10-Aug-16
Shop drawing submittals for Nuseirat Electrical and Control Building				
NUS-SD-ECB-1140	Prep. & Sub. of Electrical shopdrawing for Nuseirat Electrical and Control Building	9.00	09-Mar-16 A	11-Jul-16
NUS-SD-ECB-1150	Review & Approval of Electrical shopdrawing for Nuseirat Electrical and Control Building	21.00	20-Mar-16 A	27-Jul-16
Shop drawing submittals for Nuseirat Diesel Generator				
NUS-SD-DG-1020	Preparation and Submission of Shop drawing for Nuseirat Diesel Generator	5.00	02-Jul-16	12-Jul-16
NUS-SD-DG-1030	Review & Approval of Shopdrawing for Nuseirat Diesel Generator	21.00	12-Jul-16	10-Aug-16
Shop drawing submittals for Nuseirat Site Work - Site Utilities				
NUS-SD-2020	Preparation and Submission of Valve Vault for Nuseirat Reservoir	5.00	27-Jul-16	02-Aug-16
NUS-SD-2040	Preparation and Submission of Exterior Gate for Nuseirat Reservoir	5.00	02-Jul-16	12-Jul-16
NUS-SD-2050	Review & Approval of Exterior Gate for Nuseirat Reservoir	21.00	12-Jul-16	10-Aug-16
NUS-SD-2060	Preparation and Submission of yard electrical work for Nuseirat Reservoir	5.00	02-Jul-16	12-Jul-16
NUS-SD-2070	Review & Approval of yard electrical work for Nuseirat Reservoir	21.00	12-Jul-16	10-Aug-16
Shop drawing submittals for Nuseirat Supply & Distribution Pipelines				
Shop drawing submittals for Supply Line 1 & Distribution Line 4				
NUS-SD-SDP-1780	Prep. & Sub. Shop drawing for Supply Line 1 & Dist Pipes from NS1 1+000 to NS1 1+596 (DN 500, 400, 315, 110)mm	15.00	02-Apr-16 A	14-Jul-16
NUS-SD-SDP-1790	Review & Approval of Shop drawing for Supply Line 1 & Dist Pipes from NS1 1+000 to NS1 1+596 (DN 500, 400, 315, 11(	21.00	18-May-16	27-Jul-16
NUS-SD-SDP-1800	Prep. & Sub. Shop drawing for Supply Line NS1 & Dist. Line 4 from NS1 1+596 to NS1 2+226 (NS1-315mm & ND4-300mr	20.00	02-Apr-16 A	18-Jul-16
NUS-SD-SDP-1810	Review & Approval of Shop drawing for Supply Line NS1 & Dist. Line 4 from NS1 1+596 to NS1 2+226 (NS1-315mm & ND	21.00	18-May-16	27-Jul-16
NUS-SD-SDP-1820	Prep. & Sub. Shop drawing for Supply Line NS1 from NS1 2+226 to NS1 2+915.16 (NS1-315mm)	15.00	02-Apr-16 A	14-Jul-16
NUS-SD-SDP-1830	Review & Approval of Shop drawing for Supply Line NS1 from NS1 2+226 to NS1 2+915.16 (NS1-315mm)	21.00	18-May-16	27-Jul-16
Shop drawing submittals for Supply Line 2, Supply Line 3, and Distribution Lines 1 and 2				
NUS-SD-SDP-1840	Prep. & Sub. Shop drawing for Supply Lines & Distribution Lines from NS2 1+020 to NS2 1+283	15.00	02-Apr-16 A	14-Jul-16
NUS-SD-SDP-1850	Review & Approval of Shop drawing for Supply Lines & Distribution Lines from NS2 1+020 to NS2 1+283	21.00	07-Apr-16 A	27-Jul-16
NUS-SD-SDP-1860	Prep. & Sub. Shop drawing for Supply Line NS3 from NS3 1+108 to NS3 1+123 (NS3-110mm)	15.00	14-Jul-16	01-Aug-16



Ac Critical Remaining Work Summary
Remaining Work ◆ Milestone

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TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package I

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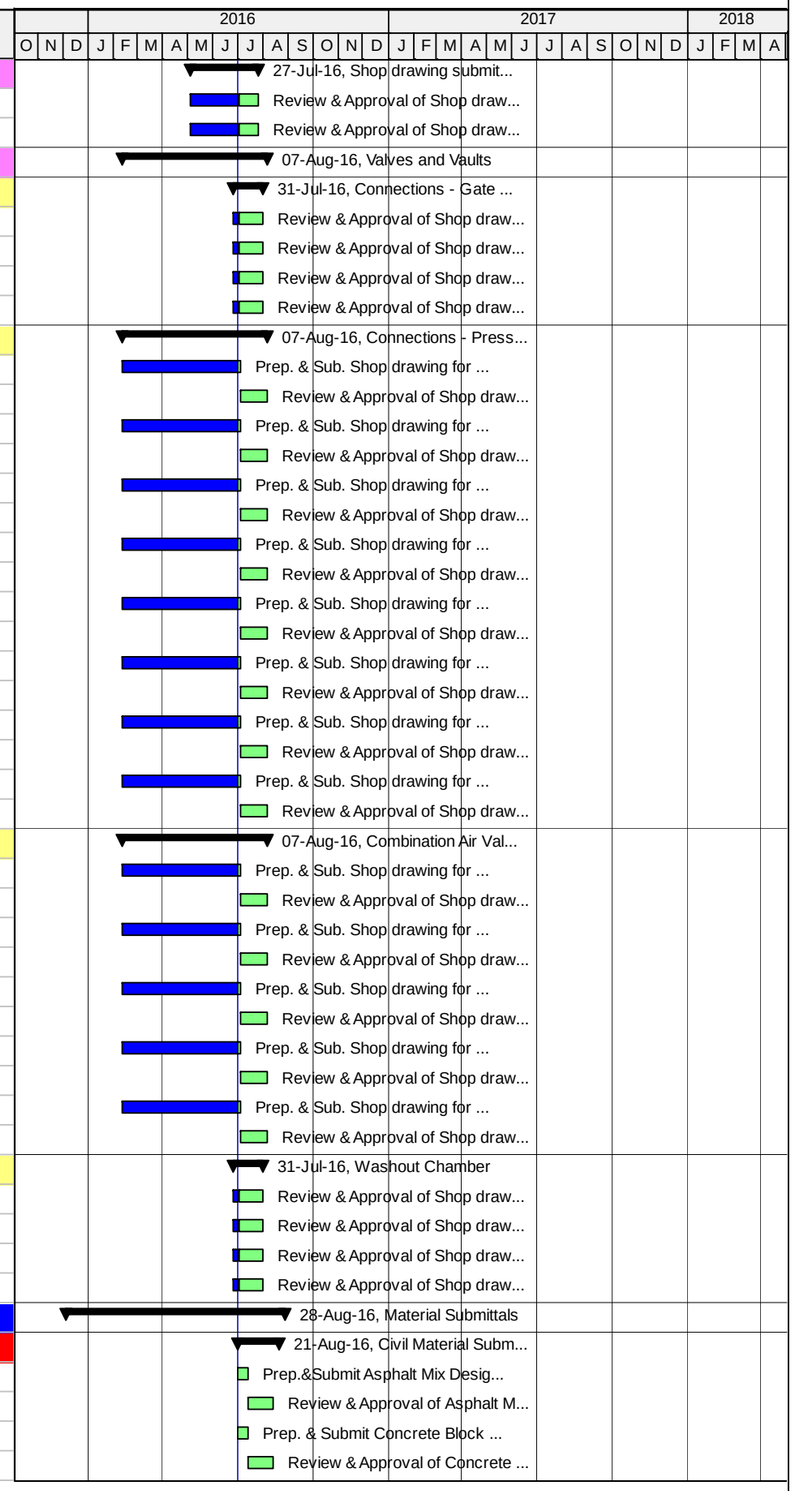
Activity ID	Activity Name	Original Duration	Start	Finish
Shop drawing submittals for Supply Line 3				
NUS-SD-SDP-1910	Review & Approval of Shop drawing for Distribution Line 3 from ND3 1+000 to ND3 1+608 (ND3 - 355mm)	21.00	05-May-16	27-Jul-16
NUS-SD-SDP-1930	Review & Approval of Shop drawing for Distribution Line 3 from ND3 1+608 to ND3 2+297.53 (ND3 - 280mm)	21.00	05-May-16	27-Jul-16
Valves and Vaults				
Connections - Gate Valves Chambers				
NUS-SD-SDP-2230	Review & Approval of Shop drawing for Connection # 5, Line ND3, Station 2+297 : Complete DN 160mm flanged Gate Val	21.00	26-Jun-16 A	31-Jul-16
NUS-SD-SDP-2250	Review & Approval of Shop drawing for Connection # 1, Line NS1, Station 2+915: Complete DN 280mm flanged Gate Valv	21.00	26-Jun-16 A	31-Jul-16
NUS-SD-SDP-2270	Review & Approval of Shop drawing for Connection # 2, Line NS2, Station 1+282 : Complete DN 280mm flanged Gate Val	21.00	26-Jun-16 A	31-Jul-16
NUS-SD-SDP-2290	Review & Approval of Shop drawing for Connection # FORQAN well line NS3, Station 1+122 : Complete DN 100mm Gate	21.00	26-Jun-16 A	31-Jul-16
Connections - Pressure Reducing Valves Chambers				
NUS-SD-SDP-2140	Prep. & Sub. Shop drawing for Connection # 4, Line ND1, Station 1+210 : Complete DN 110mm flanged PRV	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2150	Review & Approval of Shop drawing for Connection # 4, Line ND1, Station 1+210 : Complete DN 110mm flanged PRV	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2160	Prep. & Sub. Shop drawing for Connection # 9, Line ND1, Station 1+145 : Complete DN 110mm flanged PRV	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2170	Review & Approval of Shop drawing for Connection # 9, Line ND1, Station 1+145 : Complete DN 110mm flanged PRV	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2180	Prep. & Sub. Shop drawing for Connection # 3, Line ND3, Station 1+000 : Complete DN 160mm flanged PRV	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2190	Review & Approval of Shop drawing for Connection # 3, Line ND3, Station 1+000 : Complete DN 160mm flanged PRV	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2200	Prep. & Sub. Shop drawing for Connection # 7, Line ND3, Station 1+616 : Complete 160mm flanged PRV	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2210	Review & Approval of Shop drawing for Connection # 7, Line ND3, Station 1+616 : Complete 160mm flanged PRV	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2580	Prep. & Sub. Shop drawing for Connection # 8, Line ND3, Station 1+815 : Complete DN 150mm flanged PRV	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2590	Review & Approval of Shop drawing for Connection # 8, Line ND3, Station 1+815 : Complete DN 150mm flanged PRV	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2600	Prep. & Sub. Shop drawing for Connection # 10, Line ND4, Station 1+590 : Complete DN 110mm flanged PRV	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2610	Review & Approval of Shop drawing for Connection # 10, Line ND4, Station 1+590 : Complete DN 110mm flanged PRV	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2620	Prep. & Sub. Shop drawing for Connection # 6-01,Line ND4, Station 2+225: Complete DN 160mm flanged PRV	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2630	Review & Approval of Shop drawing for Connection # 6-01,Line ND4, Station 2+225: Complete DN 160mm flanged PRV	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2640	Prep. & Sub. Shop drawing for Connection # 6+02,Line ND4, Station 2+230 : Complete DN 160mm flanged PRV	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2650	Review & Approval of Shop drawing for Connection # 6+02,Line ND4, Station 2+230 : Complete DN 160mm flanged PRV	21.00	04-Jul-16	07-Aug-16
Combination Air Valve Chambers				
NUS-SD-SDP-2040	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 500mm	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2050	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 500mm	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2060	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 400mm	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2070	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 400mm	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2080	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 355mm	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2090	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 355mm	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2100	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 315mm	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2110	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 315mm	21.00	04-Jul-16	07-Aug-16
NUS-SD-SDP-2120	Prep. & Sub. Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 280mm	5.00	11-Feb-16 A	04-Jul-16
NUS-SD-SDP-2130	Review & Approval of Shop drawing for DN 100mm Combination Air Valve and its chamber on DN 280mm	21.00	04-Jul-16	07-Aug-16
Washout Chamber				
NUS-SD-SDP-1970	Review & Approval of Shop drawing for DN 200mm washout and its chamber on DN 280mm pipes	21.00	26-Jun-16 A	31-Jul-16
NUS-SD-SDP-1990	Review & Approval of Shop drawing for DN 200mm washout and its chamber on DN 315mm pipes	21.00	26-Jun-16 A	31-Jul-16
NUS-SD-SDP-2010	Review & Approval of Shop drawing for DN 200mm washout and its chamber on DN 400mm pipes	21.00	26-Jun-16 A	31-Jul-16
NUS-SD-SDP-2030	Review & Approval of Shop drawing for DN 250mm washout and its chamber on DN 500mm pipes	21.00	26-Jun-16 A	31-Jul-16
Material Submittals				
Civil Material Submittals				
GAZI-CMS-1115	Prep.&Submit Asphalt Mix Design	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1116	Review & Approval of Asphalt Mix Design	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1140	Prep. & Submit Concrete Block Masonary	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1150	Review & Approval of Concrete Block Masonary	21.00	14-Jul-16	14-Aug-16



Ac Critical Remaining Work Summary
Remaining Work ◆ Milestone

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Activity ID	Activity Name	Original Duration	Start	Finish
GAZI-CMS-1160	Prep. & Submit Rough & Finish Carpentary	7.00	14-Jul-16	23-Jul-16
GAZI-CMS-1170	Review & Approval of Rough & Finish Carpentary	21.00	24-Jul-16	21-Aug-16
GAZI-CMS-1180	Prep. & Submit Steel Doors & Frames	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1190	Review & Approval of Steel Doors & Frames	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1200	Prep. & Submit Flush Wood Doors	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1210	Review & Approval of Flush Wood Doors	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1220	Prep. & Submit Coiling Doors & Grilles	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1230	Review & Approval of Coiling Doors & Grilles	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1240	Prep.&Submit Aluminum Windows	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1250	Review & Approval of Aluminum Windows	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1260	Prep.&Submit Plastering Accessories	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1270	Review & Approval of Plastering Accessories	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1280	Prep.&Submit Terrazzo Tiles	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1290	Review & Approval of Terrazzo Tiles	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1300	Prep.&Submit Ceramic Tiles	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1310	Review & Approval of Ceramic Tiles	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1340	Prep.&Submit MC Prime Coat	7.00	14-Jul-16	23-Jul-16
GAZI-CMS-1350	Review & Approval of MC Prime Coat	21.00	24-Jul-16	21-Aug-16
GAZI-CMS-1400	Prep.&Submit of Pipe Support	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1410	Review & Approval of Pipe Support	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1480	Prep. & Submit of metalwork including hatches, vents, ladders, railings, grating, etc.	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1490	Review & Approval of metalwork including hatches, vents, ladders, railings, grating, etc.	21.00	14-Jul-16	14-Aug-16
GAZI-CMS-1540	Prep. & Submit of Roof membrane	7.00	02-Jul-16	14-Jul-16
GAZI-CMS-1550	Review & Approval of Roof membrane	21.00	14-Jul-16	14-Aug-16
Mechanical Material Submittals				
GAZI-MMS-1030d	Review & Approval of Al Atatrah Booster Pump - Second Submission	21.00	20-Mar-16 A	13-Jul-16
GAZI-MMS-1035d	Review & Approval of Nuseirat Booster Pump - Second Submission	21.00	20-Mar-16 A	13-Jul-16
GAZI-MMS-1120	Prep. & Sub. Flow Control Valve	5.00	02-Jul-16	12-Jul-16
GAZI-MMS-1130	Review & Approval of Flow Control Valve	21.00	12-Jul-16	10-Aug-16
GAZI-MMS-1150	Review & Approval of Pressure Reducing Valve	21.00	29-Feb-16 A	20-Jul-16
GAZI-MMS-1240	Prep. & Sub. Pressure Gauges & Snubbers	5.00	20-Dec-15	09-Jul-16
GAZI-MMS-1250	Review & Approval of Pressure Gauges & Snubbers	21.00	22-Dec-15	27-Jul-16
GAZI-MMS-1410	Review & Approval of Float Control Valve	21.00	02-Feb-16 A	31-Jul-16
GAZI-MMS-1430	Review & Approval of Booster Pump Control Valves	21.00	24-Feb-16 A	31-Jul-16
GAZI-MMS-1440	Prep. & Sub. Booster Pump flow meter	15.00	05-Dec-15	14-Jul-16
GAZI-MMS-1450	Review & Approval of Booster Pump flow meter	21.00	15-Dec-15	27-Jul-16
GAZI-MMS-1520	Prep. & Sub. Lightning System	5.00	02-Jul-16	12-Jul-16
GAZI-MMS-1530	Review & Approval of Lightning System	21.00	12-Jul-16	10-Aug-16
GAZI-MMS-1615	Prep. & Sub. HVAC-Plumbing Component	5.00	02-Jul-16	12-Jul-16
GAZI-MMS-1616	Review & Approval of HVAC-Plumbing Component	21.00	12-Jul-16	10-Aug-16
Electrical Material Submittals				
GAZI-EMS-100	Prep. & Sub. Pressure Differential switches	9.00	02-Jul-16	17-Jul-16
GAZI-EMS-110	Review & Approval of Pressure differential switches	21.00	17-Jul-16	15-Aug-16
GAZI-EMS-210	Review & Approval of Flow-meters	21.00	04-Apr-16 A	31-Jul-16
GAZI-EMS-220	Prep. & Sub. of RTU-PLC	20.00	30-May-16	28-Jul-16
GAZI-EMS-230	Review & Approval of RTU-PLC	21.00	28-Jul-16	28-Aug-16
GAZI-EMS-280	Prep. & Sub. of Data Cable	5.00	09-Dec-15	09-Jul-16
GAZI-EMS-290	Review & Approval of Data Cable	21.00	22-Dec-15	27-Jul-16

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

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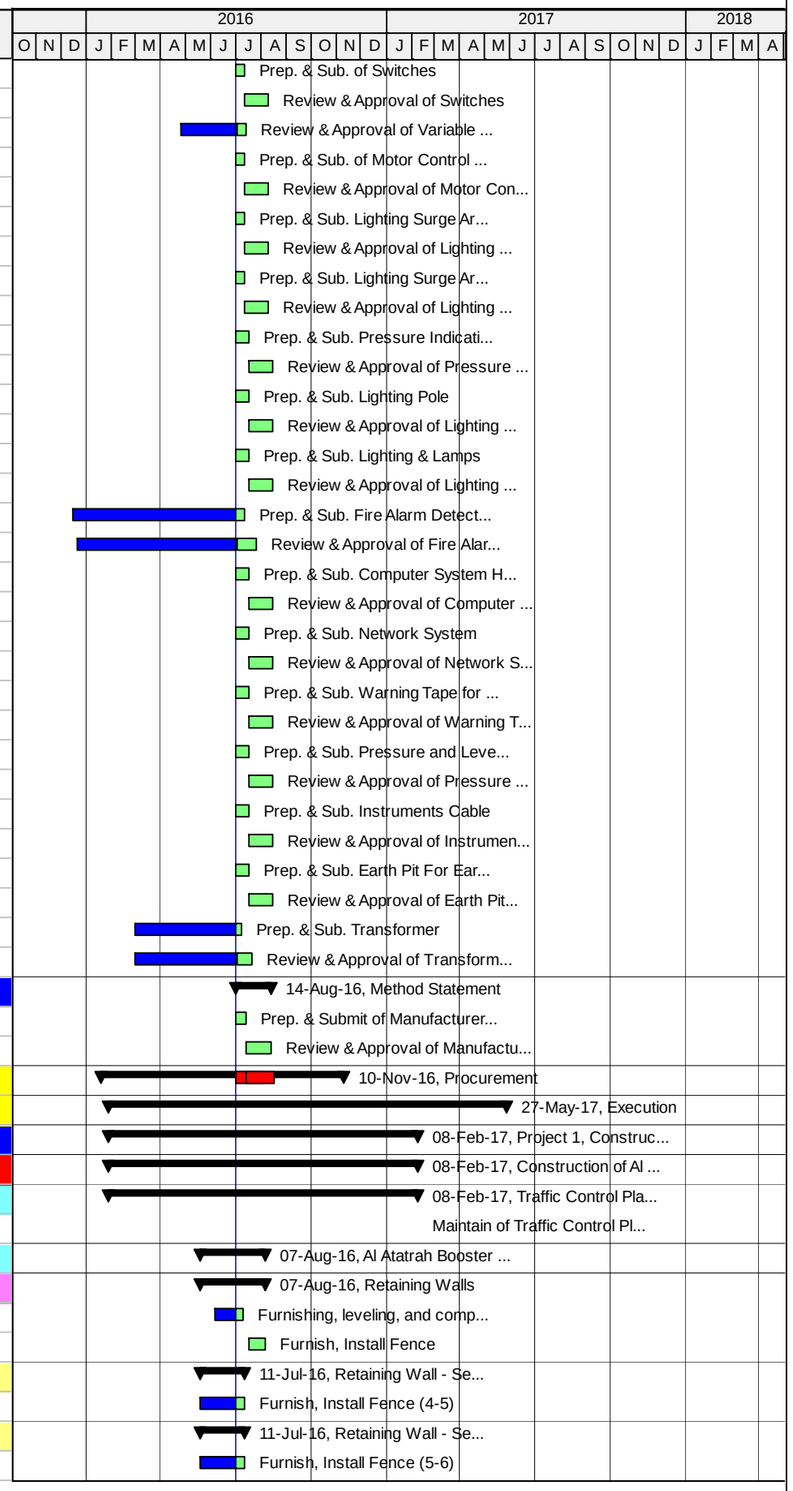
Activity ID	Activity Name	Original Duration	Start	Finish
GAZI-EMS-320	Prep. & Sub. of Switches	5.00	02-Jul-16	12-Jul-16
GAZI-EMS-330	Review & Approval of Switches	21.00	12-Jul-16	10-Aug-16
GAZI-EMS-370	Review & Approval of Variable Frequency Drives (VFD)	21.00	25-Apr-16 A	14-Jul-16
GAZI-EMS-420	Prep. & Sub. of Motor Control Centers (MCC)	5.00	02-Jul-16	12-Jul-16
GAZI-EMS-430	Review & Approval of Motor Control Centers (MCC)	21.00	12-Jul-16	10-Aug-16
GAZI-EMS-480	Prep. & Sub. Lighting Surge Arrestor	5.00	02-Jul-16	12-Jul-16
GAZI-EMS-490	Review & Approval of Lighting Surge Arrestor	21.00	12-Jul-16	10-Aug-16
GAZI-EMS-500	Prep. & Sub. Lighting Surge Arrestor Cabinet	5.00	02-Jul-16	12-Jul-16
GAZI-EMS-510	Review & Approval of Lighting Surge Arrestor Cabinet	21.00	12-Jul-16	10-Aug-16
GAZI-EMS-520	Prep. & Sub. Pressure Indicating Transmitter	9.00	02-Jul-16	17-Jul-16
GAZI-EMS-530	Review & Approval of Pressure Indicating Transmitter	21.00	17-Jul-16	15-Aug-16
GAZI-EMS-580	Prep. & Sub. Lighting Pole	9.00	02-Jul-16	17-Jul-16
GAZI-EMS-590	Review & Approval of Lighting Pole	21.00	17-Jul-16	15-Aug-16
GAZI-EMS-600	Prep. & Sub. Lighting & Lamps	9.00	02-Jul-16	17-Jul-16
GAZI-EMS-610	Review & Approval of Lighting & Lamps	21.00	17-Jul-16	15-Aug-16
GAZI-EMS-620	Prep. & Sub. Fire Alarm Detection	9.00	16-Dec-15	11-Jul-16
GAZI-EMS-630	Review & Approval of Fire Alarm Detection	21.00	22-Dec-15	27-Jul-16
GAZI-EMS-680	Prep. & Sub. Computer System Hardware	9.00	02-Jul-16	17-Jul-16
GAZI-EMS-690	Review & Approval of Computer System Hardware	21.00	17-Jul-16	15-Aug-16
GAZI-EMS-700	Prep. & Sub. Network System	9.00	02-Jul-16	17-Jul-16
GAZI-EMS-710	Review & Approval of Network System	21.00	17-Jul-16	15-Aug-16
GAZI-EMS-720	Prep. & Sub. Warning Tape for Electrical Work	9.00	02-Jul-16	17-Jul-16
GAZI-EMS-730	Review & Approval of Warning Tape for Electrical Work	21.00	17-Jul-16	15-Aug-16
GAZI-EMS-740	Prep. & Sub. Pressure and Level Instrument	9.00	02-Jul-16	17-Jul-16
GAZI-EMS-750	Review & Approval of Pressure and Level Instrument	21.00	17-Jul-16	15-Aug-16
GAZI-EMS-760	Prep. & Sub. Instruments Cable	9.00	02-Jul-16	17-Jul-16
GAZI-EMS-770	Review & Approval of Instruments Cable	21.00	17-Jul-16	15-Aug-16
GAZI-EMS-780	Prep. & Sub. Earth Pit For Earthing Electrode - With Sample.	9.00	02-Jul-16	17-Jul-16
GAZI-EMS-790	Review & Approval of Earth Pit For Earthing Electrode - With Sample.	21.00	17-Jul-16	15-Aug-16
GAZI-EMS-800	Prep. & Sub. Transformer	9.00	29-Feb-16 A	09-Jul-16
GAZI-EMS-810	Review & Approval of Transformer	21.00	29-Feb-16 A	21-Jul-16
Method Statement				
GAZI-MS-1600	Prep. & Submit of Manufacturer's field services representative Submittal	7.00	02-Jul-16	14-Jul-16
GAZI-MS-1610	Review & Approval of Manufacturer's field services representative Submittal	21.00	14-Jul-16	14-Aug-16
Procurement				
Execution				
Project 1, Construction of Al Atatrah Reservoir and Pumping Facilities				
Construction of Al Atatrah Facilities				
Traffic Control Plan and Safety measures				
E-ATA-2642	Maintain of Traffic Control Plan and Safety measures for Al Atatrah Facilities Site	295.00	28-Jan-16 A	08-Feb-17
Al Atatrah Booster Station				
Retaining Walls				
E-ATA-2400	Furnishing, leveling, and compaction of selected fill for subgrade layer including Miscellaneous Excavation	19.00	06-Jun-16 A	10-Jul-16
E-ATA-2410	Furnish, Install Fence	18.00	17-Jul-16	07-Aug-16
Retaining Wall - Segment (4 - 5)				
E-ATA-RW-1130	Furnish, Install Fence (4-5)	5.00	19-May-16	11-Jul-16
Retaining Wall - Segment (5 - 6)				
E-ATA-RW-1200	Furnish, Install Fence (5-6)	5.00	19-May-16	11-Jul-16



Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

TASK filter: 4W.

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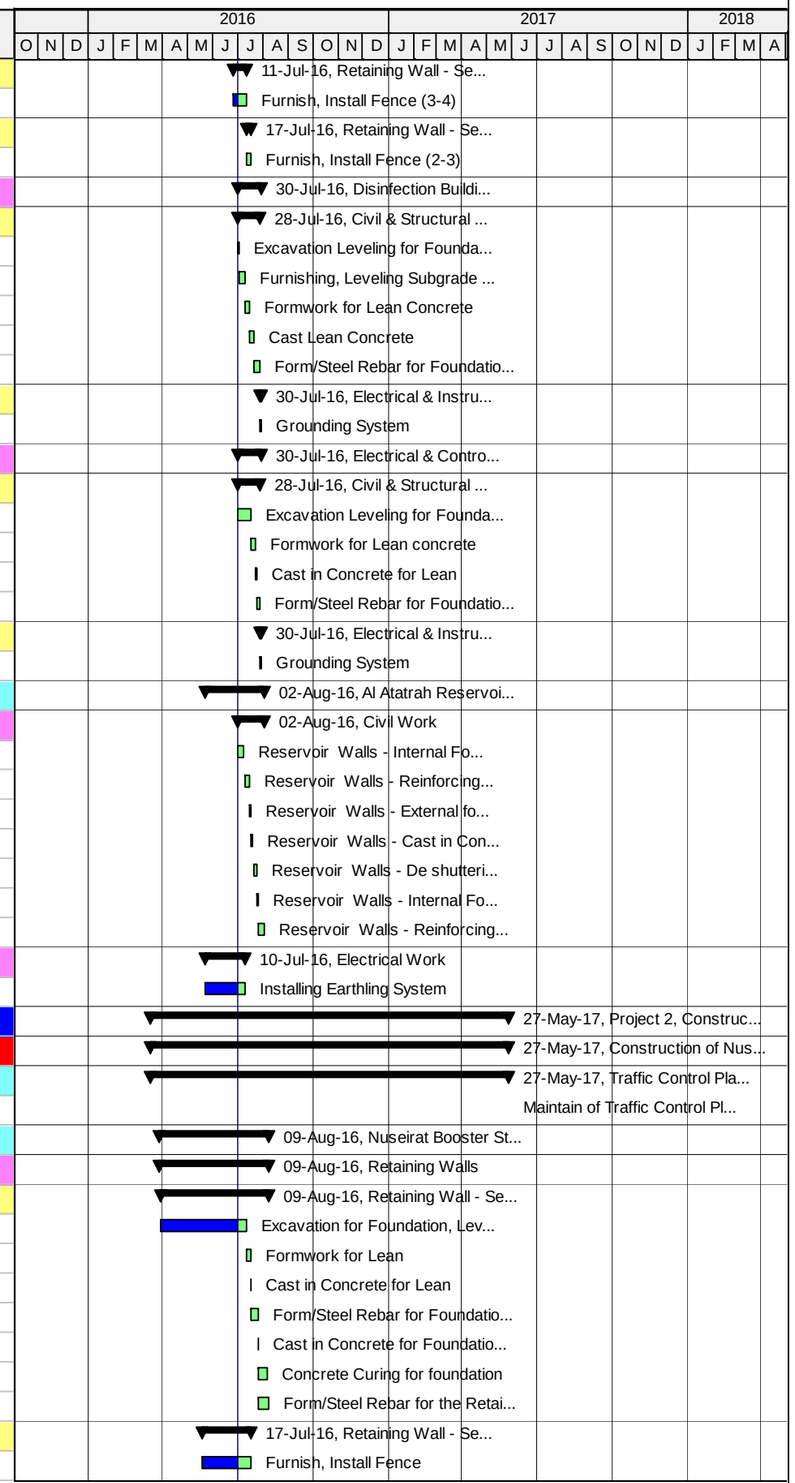
TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package I

03-Jul-16 10:32

Activity ID	Activity Name	Original Duration	Start	Finish
Retaining Wall - Segment (3 - 4)				
E-ATA-RW-1230	Furnish, Install Fence (3-4)	5.00	26-Jun-16 A	11-Jul-16
Retaining Wall - Segment (2 - 3)				
E-ATA-RW-1310	Furnish, Install Fence (2-3)	5.00	11-Jul-16	17-Jul-16
Disinfection Building				
Civil & Structural Works				
E-ATA-DIS-1000	Excavation Leveling for Foundation,Preparation of Subgrade Layer & Saintary drain piping	1.00	02-Jul-16	03-Jul-16
E-ATA-DIS-1010	Furnishing, Leveling Subgrade Compacted layers 20cm	2.00	03-Jul-16	10-Jul-16
E-ATA-DIS-1015	Formwork for Lean Concrete	5.00	10-Jul-16	16-Jul-16
E-ATA-DIS-1016	Cast Lean Concrete	5.00	16-Jul-16	21-Jul-16
E-ATA-DIS-1020	Form/Steel Rebar for Foundation	6.00	21-Jul-16	28-Jul-16
Electrical & Instrumentation Works				
E-ATA-DIS-1250	Grounding System	1.00	28-Jul-16	30-Jul-16
Electrical & Control Building				
Civil & Structural Works				
E-ATA-ECB-1000	Excavation Leveling for Foundation and Furnishing, leveling, and compacting of of selected backfill	10.00	02-Jul-16	18-Jul-16
E-ATA-ECB-1010	Formwork for Lean concrete	4.00	18-Jul-16	23-Jul-16
E-ATA-ECB-1020	Cast in Concrete for Lean	1.00	23-Jul-16	24-Jul-16
E-ATA-ECB-1030	Form/Steel Rebar for Foundation	4.00	24-Jul-16	28-Jul-16
Electrical & Instrumentation Works				
E-ATA-ECB-1040	Grounding System	1.00	28-Jul-16	30-Jul-16
Al Atatrah Reservoir - Construction of new 3,800 m3				
Civil Work				
E-ATA-RES-1250	Reservoir Walls - Internal Formwork (Second cycle - Part 1)	2.00	02-Jul-16	09-Jul-16
E-ATA-RES-1260	Reservoir Walls - Reinforcing steel & vertical water stop installation (Second cycle - Part 1)	5.00	10-Jul-16	16-Jul-16
E-ATA-RES-1270	Reservoir Walls - External formwork - (Second cycle - Part 1)	2.00	16-Jul-16	18-Jul-16
E-ATA-RES-1280	Reservoir Walls - Cast in Concrete - (Second cycle - Part 1)	1.00	18-Jul-16	19-Jul-16
E-ATA-RES-1290	Reservoir Walls - De shuttering of formwork - (Second cycle - Part 1)	2.00	21-Jul-16	24-Jul-16
E-ATA-RES-1300	Reservoir Walls - Internal Formwork (Second cycle - Part 2)	2.00	24-Jul-16	26-Jul-16
E-ATA-RES-1310	Reservoir Walls - Reinforcing steel & vertical water stop installation (Second cycle - Part 2)	5.00	27-Jul-16	02-Aug-16
Electrical Work				
E-ATA-RES-1090	Installing Earthling System	5.00	22-May-16	10-Jul-16
Project 2, Construction of Nuseirat Reservoir and Pumping Facilities:				
Construction of Nuseirat Facilities				
Traffic Control Plan and Safety measures				
E-NUS-7595	Maintain of Traffic Control Plan and Safety measures for Nuseirat Facilities	334.00	17-Mar-16 A	27-May-17
Nuseirat Booster Station				
Retaining Walls				
Retaining Wall - Segment (1-2)				
E-NUS-RW-1000	Excavation for Foundation, Leveling, Compacting 25cm Base Course Layer	5.00	29-Mar-16 A	12-Jul-16
E-NUS-RW-1020	Formwork for Lean	4.00	12-Jul-16	17-Jul-16
E-NUS-RW-1030	Cast in Concrete for Lean	1.00	17-Jul-16	18-Jul-16
E-NUS-RW-1040	Form/Steel Rebar for Foundation	7.00	18-Jul-16	26-Jul-16
E-NUS-RW-1060	Cast in Concrete for Foundation	1.00	26-Jul-16	27-Jul-16
E-NUS-RW-1070	Concrete Curing for foundation	9.00	27-Jul-16	07-Aug-16
E-NUS-RW-1080	Form/Steel Rebar for the Retaining Walls	11.00	27-Jul-16	09-Aug-16
Retaining Wall - Segment (2-3)				
E-NUS-RW-1260	Furnish, Install Fence	10.00	19-May-16	17-Jul-16



Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

TASK filter: 4W.

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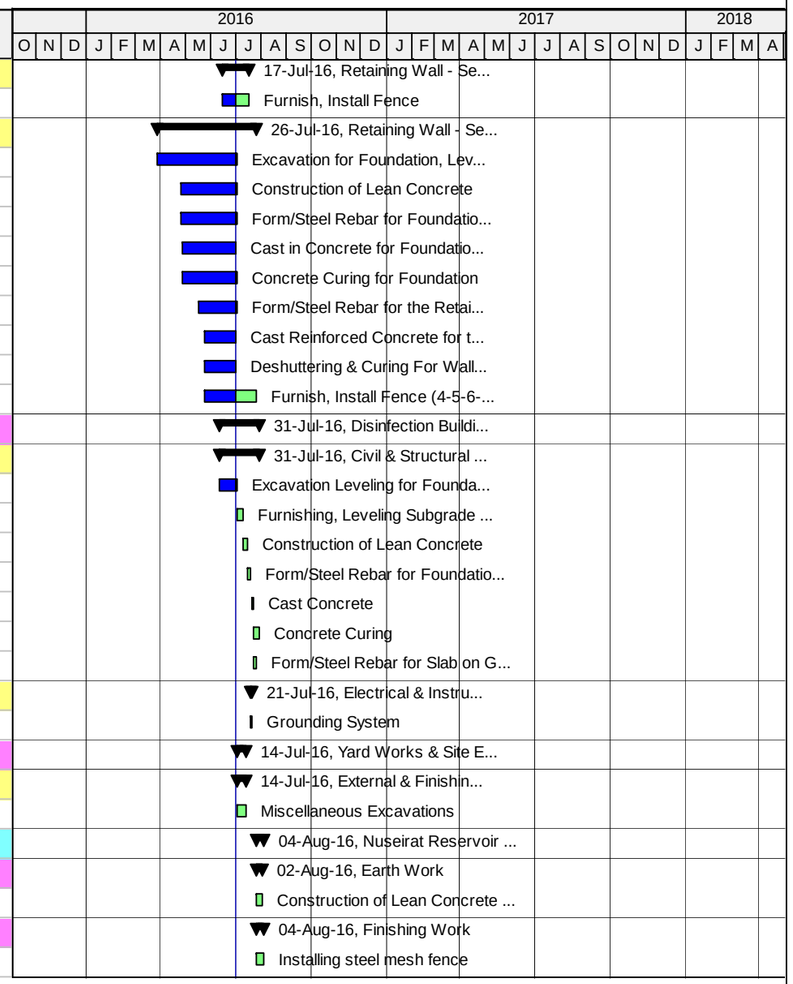
TO 15-08 GAZI - Updated CPM Schedule - Construction of Reservoirs and Pumping Facilities Package I

03-Jul-16 10:32

Activity ID	Activity Name	Original Duration	Start	Finish
Retaining Wall - Segment (3-4)				
E-NUS-RW-1330	Furnish, Install Fence	10.00	15-Jun-16 A	17-Jul-16
Retaining Wall - Segment (4-5-6-1)				
E-NUS-RW-1100	Excavation for Foundation, Leveling, Compacting 25cm Base Course Layer	10.00	28-Mar-16 A	02-Jul-16
E-NUS-RW-1250	Construction of Lean Concrete	9.00	26-Apr-16 A	02-Jul-16
E-NUS-RW-1270	Form/Steel Rebar for Foundation	15.00	26-Apr-16 A	03-Jul-16
E-NUS-RW-1300	Cast in Concrete for Foundation	1.00	28-Apr-16 A	02-Jul-16
E-NUS-RW-1310	Concrete Curing for Foundation	7.00	28-Apr-16 A	02-Jul-16
E-NUS-RW-1320	Form/Steel Rebar for the Retaining Walls	15.00	17-May-16	03-Jul-16
E-NUS-RW-1340	Cast Reinforced Concrete for the Retaining Walls	1.00	24-May-16	02-Jul-16
E-NUS-RW-1350	Deshuttering & Curing For Walls	7.00	24-May-16	02-Jul-16
E-NUS-RW-1360	Furnish, Install Fence (4-5-6-1 and 7-5)	19.00	24-May-16	26-Jul-16
Disinfection Building				
Civil & Structural Works				
E-NUS-DIS-1000	Excavation Leveling for Foundation,Preparation of Subgrade Layer & Saintary Drain Pipe	1.00	11-Jun-16 A	03-Jul-16
E-NUS-DIS-1010	Furnishing, Leveling Subgrade Compacted layers 20cm	2.00	03-Jul-16	10-Jul-16
E-NUS-DIS-1020	Construction of Lean Concrete	5.00	10-Jul-16	16-Jul-16
E-NUS-DIS-1030	Form/Steel Rebar for Foundation	4.00	16-Jul-16	20-Jul-16
E-NUS-DIS-1050	Cast Concrete	1.00	21-Jul-16	23-Jul-16
E-NUS-DIS-1060	Concrete Curing	7.00	23-Jul-16	31-Jul-16
E-NUS-DIS-1070	Form/Steel Rebar for Slab on Grade	3.75	23-Jul-16	26-Jul-16
Electrical & Instrumentation Works				
E-NUS-DIS-1040	Grounding System	1.00	20-Jul-16	21-Jul-16
Yard Works & Site Electrical Power				
External & Finishing Works				
E-NUS-YW-1000	Miscellaneous Excavations	7.00	02-Jul-16	14-Jul-16
Nuseirat Reservoir - Construction of new 3,800 m3				
Earth Work				
E-NUS-RES-1050	Construction of Lean Concrete under Reservoir	5.00	27-Jul-16	02-Aug-16
Finishing Work				
E-NUS-RES-1030	Installing steel mesh fence	7.00	27-Jul-16	04-Aug-16



Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

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Annex E - Inspection Request Log

Inspection Requests Log:

Project 1 (ATA)

INFRASTRUCTURE NEEDS PROGRAM INPII
Construction of Gaza Reservoirs and Pumping Facilities
Contract No.: AID-294-I-00-12-00002
Task Order No.: AID-294-TO-15-00008

Al Atatrah IRs LOG

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
1	IR-15-00008-ATA-001-A	A	Al Atatrah temporary signs	December 29, 2015	December 29, 2015	A		
2	IR-15-00008-ATA-002-A	A	Engineer's Primary Field Offices furniture	December 30, 2015	December 30, 2015	A		
3	IR-15-00008-ATA-003-A	A	Engineer's Computer Systems & Miscellaneous	January 3, 2016	January 4, 2016	C		
4	IR-15-00008-ATA-003-B	B	Engineer's Computer Systems & Miscellaneous	January 10, 2016	January 18, 2016	A		
5	IR-15-00008-ATA-004-A	A	Demolition for Al Atatrah existing elevated tank	February 1, 2016	February 1, 2016	A		
6	IR-15-00008-ATA-005-A	A	Demolition, removal, clear and grub site.	February 28, 2016	February 28, 2016	A		
7	IR-15-00008-ATA-006-A	A	Safety arrangement prior to start excavation works for Al Atatrah Retaining Walls	March 27, 2016	March 28, 2016	A		
8	IR-15-00008-ATA-007-A	A	Safety arrangement prior to start excavation works for Al Atatrah Reservoir	March 29, 2016	March 29, 2016	A		
9	IR-15-00008-ATA-008-A	A	Excavation reduced level at Al Atatrah retaining wall from point 5 to 8.16 m eastward and from point 5 to 8 m southward, Section A.1.7/SH-12	March 29, 2016	March 29, 2016	A		
10	IR-15-00008-ATA-009-A	A	Inspection Request for excavation reduced level and Compaction at Al Atatrah retaining wall from segment 5 to segment 4, step No.2, Section A 1.5/SH-11	April 4, 2016	April 4, 2016	A		
11	IR-15-00008-ATA-010-A	A	Traffic Plan in Al Atatrah reservoir yard	April 4, 2016	April 4, 2016	A		
12	IR-15-00008-ATA-011-A	A	Inspection Request for formation level and compaction for base course layer at Al Atatrah retaining wall – For segment (5-4) step No.5 & step No.4	April 6, 2016	April 6, 2016	A		
13	IR-15-00008-ATA-012-A	A	Inspection Request for excavation reduced level and Compaction at Al Atatrah retaining wall for segment (5-4) step No.3	April 6, 2016	April 6, 2016	A		
14	IR-15-00008-ATA-013-A	A	Inspection Request for excavation reduced level and Compaction at Al Atatrah retaining wall for segment (5-6) step No.2	April 10, 2016	April 10, 2016	A		
15	IR-15-00008-ATA-014-A	A	Inspection Request for excavation reduced level and Compaction at Al Atatrah retaining wall for segment (4-3) step No.2	April 13, 2016	April 13, 2016	A		

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
16	IR-15-00008-ATA-015-A	A	Inspection Request for formation level and compaction for base course layer at Al Atatrah retaining wall – For segment (4-5) step No.3	April 14, 2016	April 14, 2016	A		
17	IR-15-00008-ATA-016-A	A	Inspection Request for excavation reduced level and Compaction at Al Atatrah retaining wall for segment (5-6) step No.3	April 17, 2016	April 17, 2016	A		
18	IR-15-00008-ATA-017-A	A	Inspection Request for excavation reduced level and Compaction at Al Atatrah retaining wall for segment (2-3) step No.1	April 17, 2016	April 18, 2016	A		
19	IR-15-00008-ATA-018-A	A	• Plassim meridur pipe PN16 (32mm, 50 mm, 75 mm & 110 mm), • Connection Joint PN 16 (32mm, 50 mm, 75 mm & 110 mm), • PVC Coupler to galvanized steel (32mm, 50 mm, 75 mm) & • PVC reducer 90/75 mm PN16.	April 17, 2016	April 19, 2016	A		
20	IR-15-00008-ATA-019-A	A	Perforated Pipes 75 mm	April 17, 2016	April 19, 2016	A		
21	IR-15-00008-ATA-020-A	A	Stainless Steel Spool 6'' (Reservoir Drain)	April 17, 2016	April 19, 2016	A		
22	IR-15-00008-ATA-021-A	A	• Super Cast Watafoil 150 mm & 250 mm, • Expandable Water stop SW 30 & • Super cast SW Adhesive.	April 17, 2016	April 19, 2016	A		
23	IR-15-00008-ATA-022-A	A	Inspection Request for formation level and compaction for base course layer at Al Atatrah retaining wall – For: • Segment (3-4) Step No.2 • Segment (5-6) Step No.2	April 18, 2016	April 18, 2016	A		
24	IR-15-00008-ATA-023-A	A	Inspection Request for formwork of plain concrete at Al Atatrah retaining wall: • Segment (3-4) Step No. 2 • Segment (4-5) Step No. 3, Step No. 4 & Step No. 5 • Segment (5-6) Step No. 1 & Step No. 2	April 20, 2016	April 21, 2016	A		
25	IR-15-00008-ATA-024-A	A	Inspection Request for excavation reduced level and Compaction at Al Atatrah retaining wall for segment (5-6) Step No.4	April 20, 2016	April 21, 2016	A		
26	IR-15-00008-ATA-025-A	A	Inspection Request for formation level and compaction for base course layer at Al Atatrah retaining wall – For: • Segment (2-3) Step No.1 • Segment (5-6) Step No.3 & Step No.4	April 24, 2016	April 25, 2016	A		
27	IR-15-00008-ATA-026-A	A	Inspection Request for formwork of lean concrete (blinding 100 mm) at Al Atatrah retaining wall: • Segment (2-3) Step No. 1 • Segment (5-6) Step No. 3 & Step No. 4	April 24, 2016	April 25, 2016	A		
28	IR-15-00008-ATA-027-A	A	Inspection Request for 0.5 mm thickness PVC Sheet	April 27, 2016	April 27, 2016	A		

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
29	IR-15-00008-ATA-028-A	A	Formwork for retaining wall foundation at: • Segment (4-5) step No.3, step No.4 & step No.5. • Segment (5-6) step No.1, step No.2 & step No.3.	April 28, 2016	April 28, 2016	A		
30	IR-15-00008-ATA-029-A	A	Formwork for retaining wall foundation at: • Segment (2-3) step No.1. • Segment (3-4) step No.2 • Segment (5-6) step No.4.	April 28, 2016	April 28, 2016	A		
31	IR-15-00008-ATA-030-A	A	Steel reinforcement for retaining wall foundation at: • Segment (4-5) step No.5. • Segment (5-6) step No.1.	May 1, 2016	May 1, 2016	A		
32	IR-15-00008-ATA-031-A	A	Casting retaining wall foundations at: • Segment (4-5) step No.5. • Segment (5-6) step No.1.	May 1, 2016	May 1, 2016	A		
33	IR-15-00008-ATA-032-A	A	Installation of washout HDPE drainage pipe under reservoir foundation and casting reinforcement concrete encasement.	May 1, 2016	May 1, 2016	A		
34	IR-15-00008-ATA-033-A	A	Steel reinforcement for retaining wall foundation at: • Segment (5-4) step No.4 & step No.3. • Segment (5-6) step No.2, step No.3 & step No.4	May 2, 2016	May 2, 2016	A		
35	IR-15-00008-ATA-034-A	A	Casting for retaining wall foundation at: • Segment (5-4) step No.4 & step No.3. • Segment (5-6) step No.2, step No.3 & step No.4	May 2, 2016	May 2, 2016	A		
36	IR-15-00008-ATA-035-A	A	Installation of Perforated Pipe 75 mm under reservoir.	May 4, 2016	May 4, 2016	A		
37	IR-15-00008-ATA-036-A	A	Pressure test for washout HDPE drainage pipe under reservoir foundation.	May 4, 2016	May 4, 2016	A		
38	IR-15-00008-ATA-037-A	A	Reinforcement works and casting for retaining wall foundation at: • Segment (2-3) step No.1 &• Segment (3-4) step No.2.	May 4, 2016	May 4, 2016	A		
39	IR-15-00008-ATA-038-A	A	Formation level, compaction and casting plain concrete under Al Atatrah reservoir	May 5, 2016	May 5, 2016	A		
40	IR-15-00008-ATA-039-A	A	Inspection request for formworks of the reservoir foundation and setting out the columns axis and the reservoir center.	May 8, 2016	May 9, 2016	A		
41	IR-15-00008-ATA-040-A	A	Actions taken by contractor of the CMC environmental check-list for the month of March.	May 8, 2016	May 9, 2016	A		
42	IR-15-00008-ATA-041-A	A	Inspection request for the bottom layer of steel reinforcement for the reservoir foundation.	May 10, 2016	May 10, 2016	A		
43	IR-15-00008-ATA-042-A	A	• Galvanized steel profile 80x40x18 mm (Posts). • Galvanized steel profile 80x40x18 mm (bracing). • Galvanized steel profile 120x120x40mm (corner post).	May 11, 2016	May 12, 2016	A		

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
44	IR-15-00008-ATA-043-A	A	External Side of formwork and steel reinforcement for R.W walls at: • Segment 2-3 Step No.1. • Segment 4-5 Step No.3 • Segment 5-6 Step No.4	May 15, 2016	May 16, 2016	A		
45	IR-15-00008-ATA-044-A	A	Inspection request for the following Materials: • Chamfer Strip.	May 15, 2016	May 16, 2016	A		
46	IR-15-00008-ATA-045-A	A	Inspection request for the following Materials: • Filter fabric	May 15, 2016	May 16, 2016	A		
47	IR-15-00008-ATA-046-A	A	External Side of formwork and steel reinforcement for R.W walls at: • Segment 4-5 Step No.5. • Segment 5-6 Step No.2.	May 16, 2016	May 16, 2016	A		
48	IR-15-00008-ATA-047-A	A	Inspection request for the following Materials: • Hot galvanized steel sheets 30/3.5mm.	May 16, 2016	May 16, 2016	A		
49	IR-15-00008-ATA-048-A	A	Casting reinforced concrete for RW walls at segment: • Segment (2-3) Step No.1 • Segment 4-5 Step No.3. • Segment (5-6) step No.2 & Step No.4.	May 18, 2016	May 19, 2016	A		
50	IR-15-00008-ATA-049-A	A	Inspection request for steel reinforcement of top layer and dual bars and columns at the reservoir foundation.	May 19, 2016	May 24, 2016	A		
51	IR-15-00008-ATA-050-A	A	Inspection request for Casting the reservoir foundation (leveling, water stop and groove)	May 19, 2016	May 24, 2016	A		
52	IR-15-00008-ATA-051-A	A	Inspection request for electrical first fix for reservoir foundation.	May 22, 2016	May 24, 2016	A		
53	IR-15-00008-ATA-052-A	A	Steel reinforcement for R.W walls at: • Segment (3-4) step No.2.• Segment (5-6) step No.3.	May 24, 2016	May 25, 2016	A		
54	IR-15-00008-ATA-053-A	A	Casting reinforced concrete for RW walls at segment: • Segment (4-5) Step No.5.	May 25, 2016	May 26, 2016	A		
55	IR-15-00008-ATA-054-A	A	Inspection request for setting out the reservoir center	May 25, 2016	May 25, 2016	A		
56	IR-15-00008-ATA-055-A	A	Inspection request for the formworks and casting for the R.W walls at: • Segment (3-4) step No.2. • Segment (5-6) step No.3.	May 26, 2016	May 26, 2016	A		
57	IR-15-00008-ATA-056-A	A	Inspection request for Repair works for R.W foundation and walls at: • Segment 2-3 Step No.1. • Segment 5-6 Step No.4.	May 26, 2016	May 26, 2016	A		

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
58	IR-15-00008-ATA-057-A	A	Inspection request for Repair works for R.W foundation and walls at: • Segment 4-5 Step No.3. • Segment 5-6 Step No.2.	May 29, 2016	May 29, 2016	A		
59	IR-15-00008-ATA-058-A	A	Inspection request for the primer layer of insulation for retaining wall: • Segment 2-3 Step No.1. • Segment 5-6 Step No.4.	May 29, 2016	May 29, 2016	A		
60	IR-15-00008-ATA-059-A	A	Inspection request for the primer layer of insulation for retaining wall: • Segment 4-5 Step No.3. • Segment 5-6 Step No.2.	May 31, 2016	May 31, 2016	A		
61	IR-15-00008-ATA-060-A	A	Inspection request for the steel reinforcement for R.W walls at: • Segment 4-5 Step No.4	May 31, 2016	June 1, 2016	A		
62	IR-15-00008-ATA-061-A	A	Inspection request for the steel reinforcement for R.W walls at: • Segment 5-6 Step No.1.	May 31, 2016	June 1, 2016	A		
63	IR-15-00008-ATA-062-A	A	Inspection request for the insulation for retaining wall: • Segment 2-3 Step No.1. • Segment 5-6 Step No.4.	May 31, 2016	June 1, 2016	A		
64	IR-15-00008-ATA-063-A	A	Inspection request for the primer layer of insulation for retaining wall at: • Segment 3-4 Step No.2. • Segment 5-6 Step No.3.	June 1, 2016	June 2, 2016	A		
65	IR-15-00008-ATA-064-A	A	Inspection request for the formworks and casting for the R.W walls at: • Segment (4-5) step No.4.• Segment (5-6) step No.1.	June 2, 2016	June 2, 2016	A		
66	IR-15-00008-ATA-065-A	A	Inspection request for the insulation for inside retaining wall:• Segment 4-5 step No.3 Level (51.23) &• Segment 5-6 step No.2 Level (51.5).	June 2, 2016	June 2, 2016	A		
67	IR-15-00008-ATA-066-A	A	Inspection request for the insulation (Hot bitumen) for retaining wall foundation at: • Segment 5-6 Step No. 1 & Step No. 2. • Segment 4-5 Step No. 4 & Step No. 5.	June 6, 2016	June 6, 2016	A		
68	IR-15-00008-ATA-067-A	A	Inspection request for Repair works for R.W at: • Segment 4-5 step No. 4 up to level 49.95 & step No. 5 up to level 49.14. • Segment 5-6 step No. 1 up to level 49.14.	June 6, 2016	June 7, 2016	A		

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
69	IR-15-00008-ATA-068-A	A	Inspection request for backfilling around R.W foundation at segment 5-6, and at segment 1-5.	June 6, 2016	June 7, 2016	A		• Final acceptance is subjected to the deep compaction test result. • Backfilling should be on layers not exceeding 20 cm. • Contractor to conduct compaction test for each layer.
70	IR-15-00008-ATA-069-A	A	Inspection request for the first layer 20cm of backfilling and compaction for R.W foundation at segment 5-6, and segment 2-5.	June 7, 2016	June 7, 2016	A		Final acceptance is subjected to the compaction test response
71	IR-15-00008-ATA-070-A	A	Inspection request of the steel reinforcement for Eastern quarter & Western quarter of Reservoir wall up to 3.6m height.	June 8, 2016	June 9, 2016	A		The acceptance is just for the installation of steel reinforcement only
72	IR-15-00008-ATA-071-A	A	Inspection request for the primer layer of insulation for retaining wall at: • Segment 4-5 Step No.4 (2m height). • Segment 5-6 Step No.1 (2m height).	June 9, 2016	June 9, 2016	A		
73	IR-15-00008-ATA-072-A	A	Inspection request for the following materials • Backing Rod. • Sikaflex.	June 9, 2016	June 9, 2016	A		
74	IR-15-00008-ATA-073-A	A	• Inspection request for the expandable water stop and vertical PVC water stop before closing the eastern quarter wall of reservoir up to 3.6m height	June 11, 2016	June 12, 2016	A		
75	IR-15-00008-ATA-074-A	A	Inspection request for preparation and filling Sikaflex for expansion joint of retaining wall at: • Segment 1-5 • Segment 5-6	June 11, 2016	June 12, 2016	A		
76	IR-15-00008-ATA-075-A	A	• Casting reinforced concrete for the eastern quarter of the reservoir wall up to height 3.6m	June 12, 2016	June 12, 2016	A		
77	IR-15-00008-ATA-076-A	A	Inspection request for Repair works for external side of R.W at: • Segment 1-5 & • Segment 5-6.	June 12, 2016	June 13, 2016	A		

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
78	IR-15-00008-ATA-077-A	A	Inspection Request for the 3rd Layer 20cm of Backfilling and Compaction for RW Foundation at: • Segment 4-5 Step 5 •Segment 5-6 Step 1	June 12, 2016	June 13, 2016	A		
79	IR-15-00008-ATA-078-A	A	Actions taken by contractor of the CMC environmental check-list for the month of April.	June 13, 2016	June 14, 2016	A		
80	IR-15-00008-ATA-079-A	A	Inspection request for the 4th layer 20cm of backfilling and compaction for R.W foundation at: • Segment 4-5 Step 5 & • Segment 5-6 Step 1.	June 13, 2016	June 13, 2016	C		Contractor to perform compaction test for the mentioned layer before start backfilling the next layer
81	IR-15-00008-ATA-080-A	A	Inspection request for the First layer 20cm of backfilling and compaction for R.W foundation at:• Segment 2-3 Step 1,• Segment 3-4 Step 2.	June 14, 2016	June 15, 2016	A		
82	IR-15-00008-ATA-081-A	A	Inspection request for the 5th layer 20cm of backfilling and compaction for R.W foundation at: • Segment 4-5 Step 5 & • Segment 5-6 Step 1.	June 14, 2016	June 15, 2016	A		
83	IR-15-00008-ATA-082-A	A	Inspection request for the drain piping at retaining wall.	June 14, 2016	June 15, 2016	C		
84	IR-15-00008-ATA-083-A	A	Inspection request for Repair works for the external side of R.W wall up to 2m height at: • segment 1-5 & segment 5-6	June 15, 2016	June 16, 2016	C		The repair material must be with the same surface of the wall, and to soften the surface to be as the fair face concrete
85	IR-15-00008-ATA-084-A	A	Inspection request for the second layer 20cm of backfilling and compaction for R.W foundation at: • Segment 3-4 Step 2, • Segment 4-5 Step 3 & • Segment 4-5 Step 4.	June 15, 2016	June 16, 2016	A		
86	IR-15-00008-ATA-085-A	A	• Inspection request of the steel reinforcement for southern quarter of Reservoir wall up to 3.6m height.	June 16, 2016	June 16, 2016	A		
87	IR-15-00008-ATA-086-A	A	Inspection Request for the following materials: • 8'' Stainless steel thimble for overflow. • 2'' Stainless steel thimble for level transmitter.	June 16, 2016	June 19, 2016	A		Contractor to submit QC report for welding of the thimble

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
88	IR-15-00008-ATA-087-A	A	• Inspection request for the expandable water stop and vertical PVC water stop before closing the southern quarter wall of reservoir up to 3.6m height	June 16, 2016	June 16, 2016	C		• Contractor to submit a compliance certificate regarding the water stop. • Contractor to coat the concrete surface at the construction joint with bond breaker As per standard detail S-DT07 / S-235.
89	IR-15-00008-ATA-088-A	A	Inspection request of backfilling and compaction around R.W foundation for: • The third layer at Segment 3-4 Step No.2, • The third layer at segment 4-5 step 3, • The third layer at segment 4-5 step 5 & • The second layer at segment 4-5 step No.4.	June 16, 2016	June 16, 2016	A		Final acceptance is subjected to the response of compaction test report
90	~~IR-15-00008-ATA-089-A~~	~~A~~	~~• Casting reinforced concrete for the southern quarter of the reservoir wall up to height 3.6m~~	~~June 17, 2016~~	-	~~Under Review~~	-	-
91	IR-15-00008-ATA-090-A	A	Inspection request for the Sixth layer 20cm of backfilling and compaction around internal side of R.W at: • Segment 4-5 Step No.5, • Segment 5-6 Step No.1.	June 16, 2016	June 19, 2016	A		Final acceptance is subjected to the response of compaction test report
92	IR-15-00008-ATA-091-A	A	Inspection request for the first layer 20cm of backfilling and compaction above internal side of R.W foundation at: • Segment 5-6 Step No.2.	June 16, 2016	June 19, 2016	A		Final acceptance is subjected to the response of compaction test report
93	IR-15-00008-ATA-092-A	A	Inspection request for the Third layer 20cm of backfilling and compaction around internal side of R.W at: • Segment 4-5 Step 4.	June 18, 2016	June 19, 2016	A		Final acceptance is subjected to the response of compaction test report
94	IR-15-00008-ATA-093-A	A	Inspection request for the 5th layer 20cm of backfilling and compaction around internal side of R.W at:• Segment 5-6 Step No.1 &• Segment 4-5 Step No.5.	June 18, 2016	June 19, 2016	A		Final acceptance is subjected to the response of compaction test report

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
95	IR-15-00008-ATA-094-A	A	Inspection request for the Second layer 20cm of backfilling and compaction around internal side of R.W at: • Segment 5-6 Step No.2.	June 18, 2016	June 19, 2016	A		Final acceptance is subjected to the response of compaction test report
96	IR-15-00008-ATA-095-A	A	Inspection request for the Fourth layer 20cm of backfilling and compaction around internal side of R.W at: • Segment 4-5 Step No.4.	June 18, 2016	June 19, 2016	A		Final acceptance is subjected to the response of compaction test report
97	IR-15-00008-ATA-096-A	A	Inspection request for the 6th layer 20cm of backfilling and compaction around internal side of R.W at: • Segment 5-6 Step 1 & • Segment 4-5 Step 5.	June 18, 2016	June 19, 2016	A		Final acceptance is subjected to the response of compaction test report
98	IR-15-00008-ATA-097-A	A	Inspection request for the 3rd layer 20cm of backfilling and compaction around internal side of R.W at: • Segment 5-6 Step No.2.	June 18, 2016	June 19, 2016	A		Final acceptance is subjected to the response of compaction test report
99	IR-15-00008-ATA-098-A	A	Inspection request for Repair works for the internal side of R.W at: • Segment 5-6 Step No.1 up to level 51.00	June 18, 2016	June 19, 2016	A		Final acceptance is subjected to the response of compaction test report
100	IR-15-00008-ATA-099-A	A	Inspection request of 20cm layer for backfilling and compaction around internal side of R.W at: • Segment 4-5 Step no.4 – 5th Layer, • Segment 4-5 Step no.5 – 7th Layer, • Segment 5-6 Step no.1 – 7th Layer & • Segment 5-6 Step no.2 – 4th Layer.	June 18, 2016	June 19, 2016	A		
101	IR-15-00008-ATA-100-A	A	Inspection request of 20cm layer for backfilling and compaction around internal side of R.W at: • Segment 4-5 Step no.4 - 6th Layer • Segment 4-5 Step no.5 - 8th Layer • Segment 5-6 Step no.1 - 8th Layer • Segment 5-6 Step no.2 - 5th Layer	June 19, 2016	June 20, 2016	A		Final acceptance is subjected to the response of compaction test report
102	IR-15-00008-ATA-101-A	A	Inspection request for the primer layer of insulation for the internal side of retaining wall at: • Segment 5-6 step No.1 up to level 51.00	June 19, 2016	June 20, 2016	A		The inspection took place on June 18, 2016

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
103	IR-15-00008-ATA-102-A	A	Inspection request of 20cm layer for backfilling and compaction around internal side of R.W at: • Segment 4-5 Step No.4 – 7th Layer • Segment 4-5 Step No.3 – 4th Layer • Segment 4-5 Step No.5 – 9th Layer • Segment 5-6 Step No.1 – 9th Layer • Segment 5-6 Step No.2 – 6th Layer	June 19, 2016	June 20, 2016	A		Final acceptance is subjected to the response of compaction test report
104	IR-15-00008-ATA-103-A	A	Inspection request for the insulation for retaining wall: • Segment 5-6 Step No.1 - Up to Level 51.00	June 19, 2016	June 20, 2016	A		Final acceptance is subjected to the response of compaction test report
105	IR-15-00008-ATA-104-A	A	• Casting reinforced concrete for the southern quarter of the reservoir wall up to height 3.6m	June 20, 2016	June 21, 2016	C		Contractor to coat the concrete surface at the construction joint with bond breaker before casting concrete as per standard detail S-DT07 /S-235
106	IR-15-00008-ATA-105-A	A	Inspection request of 20cm layer for backfilling and compaction around internal side of R.W at:• Segment 4-5 Step No.4 – 8th Layer • Segment 4-5 Step No.3 – 5th Layer• Segment 4-5 Step No.5 – 10th Layer• Segment 5-6 Step No.1 – 10th Layer• Segment 5-6 Step No.2 – 7th Layer	June 20, 2016	June 20, 2016	A		Final acceptance is subjected to the response of compaction test report
107	IR-15-00008-ATA-106-A	A	• Inspection request of the steel reinforcement for western quarter of Reservoir wall up to 3.6m height.	June 20, 2016	June 21, 2016	A		
108	IR-15-00008-ATA-107-A	A	Inspection Request for install and fixing: • 8'' Stainless steel thimble for overflow & • 2'' Stainless steel thimble for level transmitter.	June 20, 2016	June 21, 2016	A		
109	IR-15-00008-ATA-108-A	A	Inspection request of 20cm layer for backfilling and compaction around internal side of R.W at: • Segment 4-5 Step No.4 – 9th Layer • Segment 4-5 Step No.3 – 6th Layer • Segment 4-5 Step No.5 – 11th Layer • Segment 5-6 Step No.1 – 11th Layer • Segment 5-6 Step No.2 – 8th Layer • Segment 5-6 Step No.3 – 1st Layer.	June 20, 2016	June 21, 2016	A		Final acceptance is subjected to the response of compaction test report

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
110	IR-15-00008-ATA-109-A	A	Inspection request of 20cm layer for backfilling and compaction around internal side of R.W at: • Segment 4-5 Step No.4 – 10th Layer • Segment 4-5 Step No.3 – 7th Layer • Segment 4-5 Step No.5 – 12th Layer • Segment 5-6 Step No.1 – 12th Layer • Segment 5-6 Step No.2 – 9th Layer.	June 20, 2016	June 21, 2016	A		Final acceptance is subjected to the response of compaction test report
111	IR-15-00008-ATA-110-A	A	Actions taken by contractor of the CMC environmental checklist for the month of June 2016	June 23, 2016	June 26, 2016	C		Safe entrance and exit to the reservoir roust be provided ATA Reservoir
112	IR-15-00008-ATA-111-A	A	• Casting reinforced concrete for the southern quarter of the reservoir wall up to height 3.6m	June 24, 2016	June 26, 2016	A		
113	IR-15-00008-ATA-112-A	A	Inspection request of 20cm layer for backfilling and compaction around internal side of R.W at: • Segment 4-5 Step No.4 – 11th Layer • Segment 4-5 Step No.3 – 8th Layer • Segment 4-5 Step No.5 – 13th Layer • Segment 5-6 Step No.1 – 13th Layer • Segment 5-6 Step No.2 – 10th Layer. • Segment 5-6 Step No.3 – 2nd Layer.	June 25, 2016	June 26, 2016	A		Final acceptance is subjected to the response of compaction test report
114	IR-15-00008-ATA-113-A	A	Inspection request of 20cm layer for backfilling and compaction around internal side of R.W at: • Segment 4-5 Step No.3 – 9th Layer • Segment 4-5 Step No.4 – 12th Layer • Segment 4-5 Step No.5 – 14th Layer • Segment 5-6 Step No.1 – 14th Layer • Segment 5-6 Step No.2 – 11th Layer. • Segment 5-6 Step No.3 – 3rd Layer.	June 25, 2016	June 26, 2016	A		Final acceptance is subjected to the response of compaction test report
115	IR-15-00008-ATA-114-A	A	• Inspection request for the expandable water stop and vertical PVC water stop before closing the western quarter wall of reservoir up to 3.6m height	June 25, 2016	June 26, 2016	A		
116	IR-15-00008-ATA-115-A	A	Inspection request for Repair works for the internal side of R.W at: • Segment 4-5 Step No.5, • Segment 5-6 Step No.1 & • Segment 4-5 Step No. 4	June 25, 2016	June 26, 2016	A		The surface must be smooth

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
117	IR-15-00008-ATA-116-A	A	Inspection request for the primer layer of insulation for the internal side of retaining wall at:• Segment 4-5 Step No.5 (up to level 52.25)• Segment 5-6 Step No.1 (up to level 52.25) &• Segment 4-5 Step No. 4 (up to level 52.75)	June 25, 2016	June 26, 2016	A		
118	IR-15-00008-ATA-117-A	A	Inspection request of 20cm layer for backfilling and compaction around internal side of R.W at: • Segment 4-5 Step No.3 – 10th Layer • Segment 4-5 Step No.4 – 13th Layer • Segment 4-5 Step No.5 – 15th Layer • Segment 5-6 Step No.1 – 15th Layer • Segment 5-6 Step No.2 – 12th Layer. • Segment 5-6 Step No.3 – 4th Layer.	June 26, 2016	June 26, 2016	A		Final acceptance is subjected to the response of compaction test report
119	IR-15-00008-ATA-118-A	A	• Casting reinforced concrete for the western quarter of the reservoir wall up to height 3.6m	June 26, 2016	June 27, 2016	A		Final acceptance is subjected to the concrete test report
120	IR-15-00008-ATA-119-A	A	Inspection request of 20cm layer for backfilling and compaction around internal side of R.W at: Segment 4-5 Step No.3 – 11th Layer, Segment 4-5 Step No.4 – 14th Layer, Segment 4-5 Step No.5 – 16th Layer, Segment 5-6 Step No.1 – 16th Layer, Segment 5-6 Step No.2 – 13th Layer, Segment 5-6 Step No.3 – 5th Layer.	June 26, 2016	June 27, 2016	A		Final acceptance is subjected to the response of compaction test report
121	IR-15-00008-ATA-120-A	A	Inspection request for the insulation for inside retaining wall: • Segment 4-5 Step No.5 (up to level 52.25) • Segment 5-6 Step No.1 (up to level 52.25) & • Segment 4-5 Step No. 4 (up to level 52.75)	June 26, 2016	June 26, 2016	A		
122	IR-15-00008-ATA-121-A	A	Inspection request of 20cm layer for backfilling and compaction around internal side of R.W at: • Segment 5-6 the near half of step 4 to step 3 - 1st Layer	June 27, 2016	June 27, 2016	A		Final acceptance is subjected to the response of compaction test report
123	IR-15-00008-ATA-122-A	A	Inspection request of 20cm layer for backfilling and compaction around internal side of R.W at: Segment 2-3 Step No.1 – 3rd Layer, Segment 3-4 Step No.2 – 5th Layer, Segment 4-5 Step No.3 – 12th Layer, Segment 4-5 Step No.4 – 15th Layer, Segment 4-5 Step No.5 – 17th Layer, Segment 5-6 Step No.1 – 17th Layer, Segment 5-6 Step No.2 – 14th Layer, Segment 5-6 Step No.3 – 6th Layer, Segment 5-6 the near half of step 4 to step 3 – 2nd Layer	June 28, 2016	June 28, 2016	A		Final acceptance is subjected to the response of compaction test report

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
124	IR-15-00008-ATA-123-A	A	Inspection request of 20cm layer for backfilling and compaction around internal side of R.W at: Segment 2-3 Step No.1 – 4rd Layer, Segment 3-4 Step No.2 – 6th Layer, Segment 4-5 Step No.3 – 13th Layer, Segment 4-5 Step No.4 – 16th Layer, Segment 4-5 Step No.5 – 18th Layer, Segment 5-6 Step No.1 – 18th Layer, Segment 5-6 Step No.2 – 15th Layer, Segment 5-6 Step No.3 – 7th Layer, Segment 5-6 Step No.4 – 3rd Layer	June 28, 2016	June 28, 2016	A		Final acceptance is subjected to the response of compaction test report
125	IR-15-00008-ATA-124-A	A	Inspection request for Repair works for external side of R.W at:• Segment 3-4 Step No.2 up to level (52.25), • Segment 4-5 Step No.3 up to level (50.26), • Segment 4-5 Step No.4 up to level (49.15), • Segment 4-5 Step No.5 up to level (47.79), • Segment 5-6 Step No.1 up to level (48.70), • Segment 5-6 Step No.2 up to level (49.93), • Segment 5-6 Step No.3 up to level (50.75) & at • Segment 5-6 Step No.4 up to level (51.39)	June 29, 2016	June 29, 2016	A		
126	IR-15-00008-ATA-125-A	A	Inspection request of 20cm layer for backfilling and compaction around internal side of R.W at: Segment 2-3 Step No.1 – 5th Layer, Segment 3-4 Step No.2 – 7th Layer, Segment 4-5 Step No.3 – 14th Layer, Segment 4-5 Step No.4 – 17th Layer, Segment 4-5 Step No.5 – 19th Layer, Segment 5-6 Step No.1 – 19th Layer, Segment 5-6 Step No.2 – 16th Layer, Segment 5-6 Step No.3 – 8th Layer & Segment 5-6 Step No.4 – 4th Layer.	June 29, 2016	June 30, 2016	A		Final acceptance is subjected to the response of compaction test report
127	IR-15-00008-ATA-126-A	A	Inspection request of 20cm layer for backfilling and compaction around internal side of R.W at: Segment 2-3 Step No.1 – 6th Layer, Segment 3-4 Step No.2 – 8th Layer, Segment 4-5 Step No.3 – 15th Layer, Segment 4-5 Step No.4 – 18th Layer, Segment 4-5 Step No.5 – 20th Layer, Segment 5-6 Step No.1 – 20th Layer, Segment 5-6 Step No.2 – 17th Layer, Segment 5-6 Step No.3 – 9th Layer & Segment 5-6 Step No.4 – 5th Layer.	June 29, 2016	June 29, 2016	A		Final acceptance is subjected to the response of compaction test report

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
128	IR-15-00008-ATA-127-A	A	Inspection Request for the following materials at Al Atatrah reservoir yard. • Side Access Manway 760mm & • Outlet thimble 14 inch	June 30, 2016	June 30, 2016	C		Contractor to submit mill certificate for the pipe and flanges Contractor to submit QC from the fabricator CMC Engineer couldn't inspect the access manway as the contractor install the it and there is no access to make any measurement
129	IR-15-00008-ATA-128-A	A	Inspection request for the primer layer of insulation for the external side of retaining wall at: • Segment 2-3 Step No.1 up to level (51.75), • Segment 3-4 Step No.2 up to level (52.25), • Segment 4-5 Step No.3 up to level (50.26), • Segment 4-5 Step No.4 up to level (49.15), • Segment 4-5 Step No.5 up to level (47.79), • Segment 5-6 Step No.1 up to level (48.70), • Segment 5-6 Step No.1 up to level (48.70), • Segment 5-6 Step No.2 up to level (49.93), • Segment 5-6 Step No.3 up to level (50.75), & at • Segment 5-6 Step No.4 up to level (51.39).	June 30, 2016	June 30, 2016	A		
130	IR-15-00008-ATA-129-A	A	Inspection request of 20cm layer for backfilling and compaction around internal side of R.W at:• Segment 2-3 Step No.1 – 7th Layer, • Segment 3-4 Step No.2 – 9th Layer,• Segment 4-5 Step No.3 – 16th Layer, • Segment 4-5 Step No.4 – 19th Layer,• Segment 4-5 Step No.5 – 21st Layer, • Segment 5-6 Step No.1 – 21st Layer,• Segment 5-6 Step No.2 – 18th Layer, • Segment 5-6 Step No.3 – 10th Layer &• Segment 5-6 Step No.4 – 6th Layer.	June 30, 2016	June 30, 2016	A		Final acceptance is subjected to the response of compaction test report

Date: June 30, 2016

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

Inspection Requests Log:

Project 2 (NUS)

INFRASTRUCTURE NEEDS PROGRAM INPII
Construction of Gaza Reservoirs and Pumping Facilities
Contract No.: AID-294-I-00-12-00002
Task Order No.: AID-294-TO-15-00008

Nuseirat IRs LOG

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
1	IR-15-00008-NUS-001-A	A	Nuseirat temporary signs	December 29, 2015	December 29, 2015	A		
2	IR-15-00008-NUS-002-A	A	Engineer's Secondary Field Offices furniture	December 30, 2015	December 30, 2015	A		
3	IR-15-00008-NUS-003-A	A	Engineer's Computer Systems & Miscellaneous	January 3, 2016	January 4, 2016	C		
4	IR-15-00008-NUS-003-B	B	Engineer's Computer Systems & Miscellaneous	January 18, 2016	January 18, 2016	A		
5	IR-15-00008-NUS-004-A	A	Storage Yard	January 3, 2016	January 4, 2016	A		
6	~~IR-15-00008-NUS-005-A~~	~~A~~	~~Reservoir Drain Pipe & Fittings~~	~~March 27, 2016~~	~~March 28, 2016~~	~~A~~	-	-
7	IR-15-00008-NUS-005-A	A	Demolition, removal, clear and grub site	February 28, 2016	February 28, 2016	A		
8	IR-15-00008-NUS-006-A	A	Safety arrangement prior to start excavation works for Nuseirat Retaining Walls.	March 27, 2016	March 28, 2016	A		
9	IR-15-00008-NUS-007-A	A	Excavation reduced level at Nuseirat retaining wall from segment 3 to segment 4	March 29, 2016	March 29, 2016	A		
10	IR-15-00008-NUS-008-A	A	Traffic Plan in Nuseirat reservoir yard.	April 4, 2016	April 4, 2016	A		
11	IR-15-00008-NUS-009-A	A	Inspection Request for excavation reduced level and Compaction at Nuseirat retaining wall for segment (3-4) step No.1, segment (2-3) step No. 1,2,3 & 4 And segment (4-5) step No.1	April 17, 2016	April 17, 2016	A		
12	IR-15-00008-NUS-010-A	A	Inspection Request for formation level and compaction for base course layer at Nuseirat retaining wall – For segment (3-4) & segment (4-5) step No.1	April 17, 2016	April 17, 2016	A		
13	IR-15-00008-NUS-011-A	A	• Plassim meridur pipe PN16 (32mm, 50 mm, 75 mm & 110 mm),• Connection Joint PN 16 (32mm, 50 mm, 75 mm & 110 mm), • PVC Coupler to galvanized steel (32mm, 50 mm, 75 mm),• PVC reducer 63/50 mm PN16 &• PVC reducer 90/75 mm PN16.	April 18, 2016	April 19, 2016	A		

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
14	IR-15-00008-NUS-012-A	A	• Super Cast Watafoil 150 mm & 250 mm, • Expandable Water stop SW 30 & • Super cast SW Adhesive.	April 18, 2016	April 19, 2016	A		
15	IR-15-00008-NUS-013-A	A	Perforated Pipes 75 mm	April 18, 2016	April 19, 2016	A		
16	IR-15-00008-NUS-014-A	A	Stainless Steel Spool 6'' (Reservoir Drain)	April 18, 2016	April 19, 2016	A		
17	IR-15-00008-NUS-015-A	A	Inspection Request for formation level and compaction for base course layer at Nuseirat retaining wall – For segment (2-3) Step No.2, Step No.3 & Step No.4	April 19, 2016	April 19, 2016	A		
18	IR-15-00008-NUS-016-A	A	Inspection Request for formwork of Lean concrete (blinding 100 mm) at Nuseirat retaining wall: • Segment (2-3) Step No.2, Step No.3 & Step No.4 • Segment (3-4) • Segment (4-5) Step No.1	April 24, 2016	April 24, 2016	A		
19	IR-15-00008-NUS-017-A	A	Formwork and steel rebars of retaining wall foundation at: • Segment (3-4) step No. 1, step No.2 & step No.3. • Segment (4-5) step No.1.	April 28, 2016	April 28, 2016	A		
20	IR-15-00008-NUS-018-A	A	Concrete casting for retaining wall foundation at: • Segment (3-4) step No. 1, step No.2 & step No.3. • Segment (4-5) step No.1.	April 28, 2016	April 28, 2016	A		
21	IR-15-00008-NUS-019-A	A	Formwork and Steel reinforcement for retaining wall foundation at: • Segment (2-3) step No. 2, step No.3 & step No.4.	April 30, 2016	May 1, 2016	A		
22	IR-15-00008-NUS-020-A	A	Concrete Casting for retaining wall foundation at: • Segment (2-3) step No. 2, step No.3 & step No.4.	April 30, 2016	May 1, 2016	A		
23	IR-15-00008-NUS-21-A	A	Inspection Request for excavation reduced level and Compaction at Nuseirat retaining wall for segment (5-6) & segment (1-6) step No. 1&2	May 3, 2016	May 3, 2016	A		
24	IR-15-00008-NUS-022-A	A	Inspection Request for formation level and compaction for base course layer at Nuseirat retaining wall for segment (5-6) & segment (1-6) step No. 1&2	May 5, 2016	May 5, 2016	A		
25	IR-15-00008-NUS-023-A	A	Inspection request for the formworks and steel reinforcement and casting for the retaining wall foundation at: • Segment (5-6). • Segment (6-1) Step No.1.	May 8, 2016	May 9, 2016	A		

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
26	IR-15-00008-NUS-024-A	A	• Galvanized steel profile 80x40x18 mm (Posts). • Galvanized steel profile 80x40x18 mm (bracing). • Galvanized steel profile 120x120x40mm (corner post).	May 11, 2016	May 12, 2016	A		
27	IR-15-00008-NUS-025-A	A	Inspection request for the steel reinforcement for RW walls at Segment 3-4 As per attached drawing.	May 12, 2016	May 12, 2016	A		
28	IR-15-00008-NUS-026-A	A	Casting reinforced concrete for RW walls at segment (3-4) As per attached drawing.	May 12, 2016	May 15, 2016	A		
29	IR-15-00008-NUS-027-A	A	Inspection request for the following Materials: •Hot galvanized steel sheets 30/3.5mm.	May 15, 2016	May 16, 2016	A		
30	IR-15-00008-NUS-028-A	A	Inspection request for the following Materials: • Chamfer strips.	May 15, 2016	May 16, 2016	A		
31	IR-15-00008-NUS-029-A	A	Inspection request for the steel reinforcement for RW walls at: • Segment 3-4 As per attached drawing. • Segment 2-3 Step No.4 • Segment 4-5 Step No.1	May 18, 2016	May 18, 2016	A		
32	IR-15-00008-NUS-030-A	A	Inspection request for the formworks and casting for the R.W walls at: • Segment 3-4 As per attached drawing. • Segment 2-3 Step No.4.	May 19, 2016	May 19, 2016	A		
33	IR-15-00008-NUS-031-A	A	Inspection request for the steel reinforcement for RW walls at: • Segment 2-3 Step No.2 • Segment 4-5 As per attached drawing. • Segment 5-6 Step No.1.	May 22, 2016	May 22, 2016	A		
34	IR-15-00008-NUS-032-A	A	Inspection request for the steel reinforcement for R.W walls at: • Segment 5-6 Step No.2.	May 24, 2016	May 24, 2016	A		
35	IR-15-00008-NUS-033-A	A	Inspection request for the formworks and casting for the R.W walls at: • Segment 2-3 Step No.3. • Segment 4-5 Step No.1. • Segment 5-6 Step No.1 & Step No.2.	May 24, 2016	May 24, 2016	A		
36	IR-15-00008-NUS-034-A	A	Inspection request for Repair works for R.W foundation and walls at:• Segment 3-4 Step No.1, Step No.2 & Step No.3.• Segment 2-3 Step No.4.	May 26, 2016	May 26, 2016	A		

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
37	IR-15-00008-NUS-035-A	A	Inspection request for steel reinforcement of R.W walls at: • Segment 4-5 Step No.1. • Segment 5-6 Step No.2.	May 26, 2016	May 26, 2016	A		
38	IR-15-00008-NUS-036-A	A	Inspection request for the formworks and casting for the R.W walls at: • Segment 4-5 Step No.1. • Segment 5-6 Step No.2.	May 26, 2016	May 26, 2016	A		
39	IR-15-00008-NUS-037-A	A	Inspection request for the primer layer of insulation for retaining wall at: • Segment 3-4 Step No.1, Step No.2 & Step No.3. • Segment 2-3 Step No.4.	May 29, 2016	May 29, 2016	A		
40	IR-15-00008-NUS-038-A	A	Inspection request for repair works for retaining wall at: • Segment 2-3 Step No.3. • Segment 4-5 Step No.1. • Segment 5-6 Step No.2	May 31, 2016	June 1, 2016	A		
41	IR-15-00008-NUS-039-A	A	Inspection request for the primer layer of insulation for retaining wall at: • Segment 2-3 Step No.3. • Segment 4-5 Step No.1. • Segment 5-6 Step No.2	May 31, 2016	June 1, 2016	A		
42	IR-15-00008-NUS-040-A	A	Inspection Request for soil investigation according CMC comments on TEST-15-00008-NUS-034-A under Nuseirat Reservoir	June 5, 2016	June 5, 2016	A		
43	IR-15-00008-NUS-041-A	A	Inspection Request for excavation reduced level and Compaction at Nuseirat retaining wall Segment 6-1 Step 2 & Segment 2-3 Step 1.	June 5, 2016	June 5, 2016	A		
44	IR-15-00008-NUS-042-A	A	Inspection request for repair works for retaining wall at: • Segment 4-5 Step No.1 & • Segment 5-6 Step No.1.	June 5, 2016	June 5, 2016	A		
45	IR-15-00008-NUS-043-A	A	Inspection request for the primer layer of insulation for retaining wall at: • Segment 4-5 Step No.1 & • Segment 5-6 Step No.1.	June 5, 2016	June 5, 2016	A		

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
46	IR-15-00008-NUS-044-A	A	Inspection Request for excavation reduced level and Compaction under Nuseirat Reservoir.	June 8, 2016	June 9, 2016	A		• Surface and levels are accepted per submitted test No. TEST-15-00008-NUS-069-A• Contractor to conduct compaction test for the soil layer under reservoir• Final acceptance subject to TEST-15-00008-NUS-069-A response
47	IR-15-00008-NUS-45-A	A	Inspection Request for formation level and Compaction of base course at Nuseirat retaining wall: • Segment 6-1 Step 2 & • Segment 2-3 Step 1.	June 8, 2016	June 8, 2016	A		Final acceptance is subjected to the compaction test response
48	IR-15-00008-NUS-046-A	A	Inspection Request for formwork of Lean concrete (blinding 100 mm) and casting at Nuseirat retaining wall: • Segment 2-3 Step No.1 & • Segment 6-1 Step No.2.	June 8, 2016	June 8, 2016	A		Final acceptance is subjected to the compaction test response for base course layer
49	IR-15-00008-NUS-047-A	A	Inspection request for the following materials • Backing Rod. • Sikaflex.	June 9, 2016	June 9, 2016	A		
50	IR-15-00008-NUS-048-A	A	• Inspection request for the steel reinforcement and casting the R.W foundation at segment 2-3 Step No.1 & Segment 6-1 Step No.2.	June 12, 2016	June 12, 2016	A		
51	IR-15-00008-NUS-049-A	A	Inspection request for the First Layer Compaction under reservoir.	June 12, 2016	June 12, 2016	A		
52	IR-15-00008-NUS-050-A	A	Inspection request for compaction of subgrade around outside R.W at: • Segment 3-4, • Segment 4-5 & • Segment 5-6.	June 12, 2016	June 12, 2016	A		
53	IR-15-00008-NUS-051-A	A	Inspection request for Compaction of the first layer of backfilling Outside R.W at: • Segment 3-4, • Segment 4-5 & • Segment 5-6.	June 12, 2016	June 12, 2016	A		

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
54	IR-15-00008-NUS-052-A	A	Inspection request for excavation and reach the reduced level for the disinfection building.	June 12, 2016	June 13, 2016	A		
55	IR-15-00008-NUS-053-A	A	Actions taken by contractor of the CMC environmental checklist for the month of April	June 13, 2016	June 14, 2016	A		
56	IR-15-00008-NUS-054-A	A	Inspection request for the second Layer Compaction under reservoir	June 14, 2016	June 14, 2016	A		
57	IR-15-00008-NUS-055-A	A	Inspection request for the steel reinforcement for R.W wall at • Segment 2-3 Step 2 & • Segment 6-1 Step 1.	June 14, 2016	June 15, 2016	A		
58	IR-15-00008-NUS-056-A	A	Inspection request for the drain piping at retaining wall.	June 14, 2016	June 14, 2016	C		Contractor to regulate the shape of the drain-pipe to be circular
59	IR-15-00008-NUS-057-A	A	Inspection request for Compaction of the 3rd Layer of soil improvement under reservoir.	June 15, 2016	June 15, 2016	A		Final acceptance is subjected to the response of compaction test report
60	IR-15-00008-NUS-058-A	A	Inspection request for Compaction of the 4th Layer of soil improvement under reservoir.	June 16, 2016	June 16, 2016	A		
61	IR-15-00008-NUS-059-A	A	Inspection request for the formworks and casting for the R.W walls at: • Segment 2-3 Step No.2 & • Segment 6-1 Step No.1	June 16, 2016	June 16, 2016	A		
62	IR-15-00008-NUS-060-A	A	Inspection request for Compaction of the 5th Layer of soil improvement under reservoir.	June 16, 2016	June 16, 2016	A		
63	IR-15-00008-NUS-061-A	A	Inspection request for Compaction of the 6th Layer of soil improvement under reservoir	June 18, 2016	June 19, 2016	A		Final acceptance is subjected to the response of compaction test report
64	IR-15-00008-NUS-062-A	A	Inspection request for Compaction of the 7th Layer of soil improvement under reservoir.	June 19, 2016	June 19, 2016	A		Final acceptance is subjected to the response of compaction test report
65	IR-15-00008-NUS-063-A	A	Inspection request for the steel reinforcement for R.W wall at: • Segment 2-3 Step 1 & • Segment 6-1 Step 2	June 19, 2016	June 20, 2016	A		

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
66	IR-15-00008-NUS-064-A	A	Inspection request for Compaction of the Second layer of backfilling Outside R.W at: • Segment 3-4, • Segment 4-5 & • Segment 5-6.	June 19, 2016	June 19, 2016	A		
67	IR-15-00008-NUS-065-A	A	Inspection request for Compaction of the 8th Layer of soil improvement under reservoir.	June 19, 2016	June 20, 2016	A		Final acceptance is subjected to the response of compaction test report
68	IR-15-00008-NUS-066-A	A	Inspection request for Compaction of the Third layer of backfilling Outside R.W at: • Segment 3-4, • Segment 4-5.	June 20, 2016	June 20, 2016	A		Final acceptance is subjected to the response of compaction test report
69	IR-15-00008-NUS-067-A	A	Inspection request for Compaction of the 9th Layer of soil improvement under reservoir.	June 21, 2016	June 21, 2016	A		Final acceptance is subjected to the response of compaction test report
70	IR-15-00008-NUS-068-A	A	Inspection request for the formworks and casting for the R.W walls at: • Segment 2-3 Step 1 & • Segment 6-1 Step 2.	June 21, 2016	June 21, 2016	A		
71	IR-15-00008-NUS-069-A	A	Inspection request for Compaction of the last layer of backfilling Outside R.W at: • Segment 3-4, • Segment 4-5.	June 21, 2016	June 21, 2016	A		
72	IR-15-00008-NUS-070-A	A	Inspection request for Compaction of the 10th Layer of soil improvement under reservoir.	June 22, 2016	June 22, 2016	A		Final acceptance is subjected to the response of compaction test report
73	IR-15-00008-NUS-071-A	A	Inspection request for Compaction of the 11th Layer of soil improvement under reservoir.	June 22, 2016	June 22, 2016	A		Final acceptance is subjected to the response of compaction test report
74	IR-15-00008-NUS-072-A	A	Actions taken by contractor of the CMC environmental checklist for the month of June 2016.	June 23, 2016	June 26, 2016	A		
75	IR-15-00008-NUS-073-A	A	Inspection request for repair works for retaining wall at: • Segment 2-3 Step No.2 And • Segment 6-1 Step No.1	June 23, 2016	June 23, 2016	A		The surface should be smooth
76	IR-15-00008-NUS-074-A	A	Inspection request for Compaction of the 12th Layer of soil improvement under reservoir.	June 23, 2016	June 23, 2016	A		Final acceptance is subjected to the response of compaction test report

No.	IR Number	REV.	Description	Inspection Date	Actual Return Date	1st Inspection	2nd Inspection	Remarks
77	IR-15-00008-NUS-075-A	A	Inspection request for the primer layer of insulation for retaining wall at: • Segment 6-1 Step 1 & • Segment 2-3 Step 2.	June 26, 2016	June 26, 2016	A		
78	IR-15-00008-NUS-076-A	A	Inspection request for Compaction of the 13th Layer of soil improvement under reservoir	June 26, 2016	June 26, 2016	A		
79	IR-15-00008-NUS-077-A	A	Inspection request for the insulation for retaining wall: • Segment 6-1 Step no 1 & • Segment 2-3 Step no 2	June 27, 2016	June 27, 2016	A		
80	IR-15-00008-NUS-078-A	A	Inspection request for Compaction of the 14th Layer of soil improvement under reservoir	June 27, 2016	June 28, 2016	A		Final acceptance is subjected to the response of compaction test report
81	IR-15-00008-NUS-079-A	A	Inspection request for repair works for retaining wall at: • Segment 2-3 Step No.1 And • Segment 6-1 Step No.2	June 28, 2016	June 28, 2016	A		The repair surface must be smooth
82	IR-15-00008-NUS-080-A	A	Inspection request for Compaction of the 15th Layer of soil improvement under reservoir	June 29, 2016	June 29, 2016	A		Final acceptance is subjected to the response of compaction test report
83	IR-15-00008-NUS-081-A	A	Inspection request for the primer layer of insulation for retaining wall at: • Segment 6-1 Step 2 & • Segment 2-3 Step 1	June 29, 2016	June 29, 2016	A		
84	IR-15-00008-NUS-082-A	A	Inspection request for Compaction the subgrade layer at the external side of R.W at • Segment 2-3 Step 1,2,3 &4.	June 30, 2016	June 30, 2016	A		Final acceptance is subjected to the response of compaction test report
85	IR-15-00008-NUS-083-A	A	Inspection request of insulation works for retaining wall at: • Segment 6-1 Step no 2 & • Segment 2-3 Step no 1	June 30, 2016	June 30, 2016	A		

Date: June 30, 2016

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

Annex F - Submittal Log

INFRASTRUCTURE NEEDS PROGRAM INPII
Construction of Gaza Reservoirs and Pumping Facilities
Contract No.: AID-294-I-00-12-00002
Task Order No.: AID-294-TO-15-00008

SUBMITTALS LOG

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

No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
19	SUB-15-00008-GAZI-010-B	B	Storage Yard	Pre-Construction	December 7, 2015	December 7, 2015	December 14, 2015	A
20	SUB-15-00008-GAZI-010-C	C	Storage Yard	Pre-Construction	January 6, 2016	January 7, 2016	January 13, 2016	A
21	SUB-15-00008-GAZI-011-A	A	Engineer's Secondary Field Office	Pre-Construction	November 19, 2015	November 22, 2015	November 30, 2015	B
22	SUB-15-00008-GAZI-011-B	B	Engineer's Secondary Field Office	Pre-Construction	February 21, 2016	February 21, 2016	February 23, 2016	A
23	SUB-15-00008-GAZI-012-A	A	General Construction Method Statement	Pre-Construction	November 21, 2015	November 22, 2015	December 17, 2015	C
24	SUB-15-00008-GAZI-012-B	B	General Construction Method Statement	Pre-Construction	December 26, 2015	December 27, 2015	January 27, 2016	B
25	SUB-15-00008-ATA-013-A	A	Dilapidation Survey for AL1 (Distribution line from St.1+000 to 1+980 at AL Ata-trah)	Pre-Construction	November 21, 2015	November 22, 2015	December 8, 2015	B
26	SUB-15-00008-ATA-013-B	B	Dilapidation Survey for AL1 (Distribution line from St.1+000 to 1+980 at AL Atatrah)	Pre-Construction	February 16, 2016	February 16, 2016	February 23, 2016	A
27	SUB-15-00008-GAZI-014-A	A	Shop Drawings Frame	Shop Drawings	November 26, 2015	November 26, 2015	November 30, 2015	A
28	SUB-15-00008-NUS-015-A	A	Nuseirat Temporary Project Signs Location	Pre-Construction	November 26, 2015	November 26, 2015	December 2, 2015	B
29	SUB-15-00008-NUS-015-B	B	Nuseirat Temporary Project Signs Location	Pre-Construction	February 21, 2016	February 21, 2016	February 23, 2016	A
30	SUB-15-00008-GAZI-016-A	A	Project's Insurance Policies	Pre-Construction	November 28, 2015	November 29, 2015	December 8, 2015	E
31	SUB-15-00008-GAZI-017-A	A	Third Party Testing Labs	Pre-Construction	November 29, 2015	November 30, 2015	December 8, 2015	C
32	SUB-15-00008-GAZI-017-B	B	Third Party Testing Labs	Pre-Construction	December 23, 2015	December 27, 2015	January 7, 2016	A
33	SUB-15-00008-GAZI-018-A	A	PVC Pipes & Fittings	Materials	December 3, 2015	December 6, 2015	December 28, 2015	C
34	SUB-15-00008-GAZI-018-B	B	PVC Pipes & Fittings	Materials	January 14, 2016	January 14, 2016	January 27, 2016	B
35	SUB-15-00008-GAZI-018-C	C	PVC Pipes & Fittings	Materials	February 11, 2016	February 11, 2016	February 25, 2016	A
36	SUB-15-00008-GAZI-019-A	A	PVC Water Stop Product Name: Supercast watafoil Manufacturer: FOSROC	Materials	December 3, 2015	December 6, 2015	December 14, 2015	B
37	SUB-15-00008-GAZI-019-B	B	PVC Water Stop Product Name: Supercast watafoil Manufacturer: FOSROC	Materials	March 16, 2016	March 16, 2016	March 17, 2016	A
38	SUB-15-00008-GAZI-020-A	A	Expandable Water Stop Product Name: Supercast SW10 Manufacturer: FOSROC	Materials	December 3, 2015	December 6, 2015	December 15, 2015	B
39	SUB-15-00008-GAZI-020-B	B	Expandable Water Stop Product Name: Supercast SW10 Manufacturer: FOSROC	Materials	March 16, 2016	March 16, 2016	March 17, 2016	A

No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
40	SUB-15-00008-GAZI-021-A	A	Stainless Steel Spool	Materials	December 3, 2015	December 6, 2015	December 14, 2015	C
41	SUB-15-00008-GAZI-021-B	B	Stainless Steel Spool	Materials	January 3, 2016	January 3, 2016	January 18, 2016	C
42	SUB-15-00008-GAZI-021-C	C	Stainless Steel Spool	Materials	January 23, 2016	January 24, 2016	February 3, 2016	A
43	SUB-15-00008-GAZI-022-A	A	Perforated Pipe Product Name:Super Kiz Manufacturer: Eliyahou Plastic Ltd.	Materials	December 3, 2015	December 6, 2015	December 16, 2015	B
44	SUB-15-00008-GAZI-022-B	B	Perforated Pipe Product Name:Super Kiz Manufacturer: Eliyahou Plastic Ltd.	Materials	March 16, 2016	March 16, 2016	March 22, 2016	A
45	SUB-15-00008-ATA-023-A	A	Al Atatrah Temporary Project Signs Location	Pre-Construction	December 6, 2015	December 7, 2015	December 14, 2015	A
46	SUB-15-00008-ATA-024-A	A	Al Atatrah Survey Grid & Contour Lines	Shop Drawings	December 6, 2015	December 7, 2015	December 29, 2015	A
47	SUB-15-00008-NUS-025-A	A	Nuseirat Survey Grid & Contour Lines	Shop Drawings	December 6, 2015	December 7, 2015	December 28, 2015	A
48	SUB-15-00008-ATA-026-A	A	Dilapidation Survey for AL2, AL S1, AL S2 & AL S3	Pre-Construction	December 10, 2015	December 10, 2015	December 23, 2015	A
49	SUB-15-00008-GAZI-027-A	A	Dumping Site	Pre-Construction	December 10, 2015	December 10, 2015	December 15, 2015	A
50	SUB-15-00008-GAZI-028-A	A	Ready Mix Concrete Batching Plant the Arab Contracting & Concrete Industries Co. (ACCI)	Pre-Construction	December 10, 2015	December 10, 2015	December 23, 2015	E
51	SUB-15-00008-GAZI-029-A	A	Grounding system materials: • Grounding cable (PAMUKKALE KABLO). • Grounding Materials Datasheets (YAKIR Industries Ltd).	Materials	December 10, 2015	December 10, 2015	December 25, 2015	B
52	SUB-15-00008-GAZI-029-B	B	Grounding system materials: • Grounding cable (PAMUKKALE KABLO). • Grounding Materials Datasheets (YAKIR Industries Ltd).	Materials	February 9, 2016	February 9, 2016	February 16, 2016	A
53	SUB-15-00008-GAZI-030-A	A	Cement Supplier: Sanad Construction Industries	Pre-Construction	December 10, 2015	December 10, 2015	December 15, 2015	E
54	SUB-15-00008-GAZI-031-A	A	Reinforcement Steel Manufactures (Data Sheet Turkish Products)	Materials	December 13, 2015	December 13, 2015	December 15, 2015	E
55	SUB-15-00008-GAZI-032-A	A	EUROSTOP Butterfly Valve Manufacture: PAM SAINT-GOBAIN	Materials	December 13, 2015	December 13, 2015	December 21, 2015	C
56	SUB-15-00008-GAZI-032-B	B	EUROSTOP Butterfly Valve Manufacture: PAM SAINT-GOBAIN	Materials	January 3, 2016	January 3, 2016	January 24, 2016	C

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57	SUB-15-00008-GAZI-032-C	C	EUROSTOP Butterfly Valve Manufacture: PAM SAINT-GOBAIN	Materials	February 2, 2016	February 2, 2016	February 17, 2016	C
58	SUB-15-00008-GAZI-032-D	D	EUROSTOP Butterfly Valve Manufacture: PAM SAINT-GOBAIN	Materials	February 24, 2016	February 24, 2016	February 29, 2016	A
59	SUB-15-00008-GAZI-033-A	A	Main Distribution Board	Materials	December 13, 2015	December 13, 2015	December 25, 2015	C
60	SUB-15-00008-GAZI-033-B	B	Main Distribution Board	Materials	January 28, 2016	January 28, 2016	February 15, 2016	A
61	SUB-15-00008-GAZI-034-A	A	SBD Distribution Board & Load Schedule	Materials	December 13, 2015	December 13, 2015	December 29, 2015	C
62	SUB-15-00008-GAZI-034-B	B	SBD Distribution Board & Load Schedule	Materials	January 23, 2016	January 24, 2016	February 15, 2016	C
63	SUB-15-00008-GAZI-034-C	C	SBD Distribution Board & Load Schedule	Materials	February 21, 2016	February 21, 2016	February 23, 2016	A
64	SUB-15-00008-GAZI-035-A	A	Cable Ladder	Materials	December 13, 2015	December 13, 2015	December 25, 2015	B
65	SUB-15-00008-GAZI-035-B	B	Cable Ladder	Materials	February 9, 2016	February 9, 2016	February 17, 2016	A
66	SUB-15-00008-GAZI-036-A	A	Cable Lugs	Materials	December 13, 2015	December 13, 2015	December 25, 2015	B
67	SUB-15-00008-GAZI-036-B	B	Cable Lugs	Materials	February 9, 2016	February 9, 2016	February 17, 2016	A
68	SUB-15-00008-GAZI-037-A	A	Colored PVC Pipes	Materials	December 13, 2015	December 13, 2015	December 25, 2015	C
69	SUB-15-00008-GAZI-037-B	B	Colored PVC Pipes	Materials	February 7, 2016	February 7, 2016	February 17, 2016	A
70	SUB-15-00008-GAZI-038-A	A	Warning Tape	Materials	December 13, 2015	December 13, 2015	December 25, 2015	C
71	SUB-15-00008-GAZI-038-B	B	Warning Tape	Materials	February 2, 2016	February 2, 2016	February 23, 2016	A
72	SUB-15-00008-GAZI-039-A	A	Flexible Conduit	Materials	December 13, 2015	December 13, 2015	December 25, 2015	B
73	SUB-15-00008-GAZI-039-B	B	Flexible Conduit	Materials	February 9, 2016	February 9, 2016	February 17, 2016	A
74	SUB-15-00008-GAZI-040-A	A	Disconnect Switch	Materials	December 14, 2015	December 15, 2015	December 25, 2015	B
75	SUB-15-00008-GAZI-040-B	B	Disconnect Switch	Materials	February 9, 2016	February 9, 2016	February 17, 2016	A
76	SUB-15-00008-GAZI-041-A	A	Disconnect Switch for Pumps	Materials	December 14, 2015	December 15, 2015	December 25, 2015	B
77	SUB-15-00008-GAZI-041-B	B	Disconnect Switch for Pumps	Materials	February 9, 2016	February 9, 2016	February 17, 2016	A
78	SUB-15-00008-GAZI-042-A	A	Cable Glands	Materials	December 14, 2015	December 15, 2015	December 25, 2015	A
79	SUB-15-00008-GAZI-043-A	A	Metal Box	Materials	December 14, 2015	December 15, 2015	December 25, 2015	B
80	SUB-15-00008-GAZI-043-B	B	Metal Box	Materials	February 9, 2016	February 9, 2016	February 25, 2016	A
81	SUB-15-00008-GAZI-044-A	A	Power Cable	Materials	December 14, 2015	December 15, 2015	December 25, 2015	B
82	SUB-15-00008-GAZI-044-B	B	Power Cable	Materials	February 9, 2016	February 9, 2016	February 17, 2016	A
83	SUB-15-00008-GAZI-045-A	A	PVC Fittings (Electrical)	Materials	December 14, 2015	December 15, 2015	December 25, 2015	C
84	SUB-15-00008-GAZI-045-B	B	PVC Fittings (Electrical)	Materials	January 28, 2016	January 28, 2016	February 7, 2016	A
85	SUB-15-00008-GAZI-046-A	A	PVC Pipe (Electrical)	Materials	December 14, 2015	December 15, 2015	December 25, 2015	B
86	SUB-15-00008-GAZI-046-B	B	PVC Pipe (Electrical)	Materials	February 9, 2016	February 9, 2016	February 17, 2016	A

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87	SUB-15-00008-GAZI-047-A	A	Solvent Cement for PVC Systems	Materials	December 14, 2015	December 15, 2015	December 28, 2015	A
88	SUB-15-00008-GAZI-048-A	A	Receptacles and Switches	Materials	December 14, 2015	December 15, 2015	December 25, 2015	C
89	SUB-15-00008-GAZI-048-B	B	Receptacles and Switches	Materials	February 7, 2016	February 7, 2016	February 23, 2016	C
90	SUB-15-00008-GAZI-048-C	C	Receptacles and Switches	Materials	February 24, 2016	February 24, 2016	March 14, 2016	B
91	SUB-15-00008-GAZI-049-A	A	Gate Valves:• Manufacture by: Fucoli Somepal.& Gear Boxes:• Manufacture by: Master Gear.	Materials	December 14, 2015	December 15, 2015	December 25, 2015	C
92	SUB-15-00008-GAZI-049-B	B	Gate Valves: • Manufacture by: Fucoli Somepal. & Gear Boxes: • Manufacture by: Master Gear.	Materials	January 3, 2016	January 3, 2016	January 24, 2016	C
93	SUB-15-00008-GAZI-049-C	C	Gate Valves: • Manufacture by: Fucoli Somepal. & Gear Boxes: • Manufacture by: Master Gear.	Materials	January 28, 2016	January 28, 2016	February 14, 2016	A
94	SUB-15-00008-GAZI-050-A	A	Conduits for Electrical works (Galvanized Steel Pipes)	Materials	December 14, 2015	December 15, 2015	January 5, 2016	A
95	SUB-15-00008-GAZI-051-A	A	External Hot Galvanized Steel Light Poles	Materials	December 14, 2015	December 15, 2015	January 3, 2016	C
96	SUB-15-00008-GAZI-051-B	B	External Hot Galvanized Steel Light Poles	Materials	January 23, 2016	January 24, 2016	February 3, 2016	A
97	SUB-15-00008-NUS-052-A	A	Nuseirat Diesel Generator (300KW) Manufacturer: FG WILSON	Materials	December 14, 2015	December 15, 2015	January 3, 2016	C
98	SUB-15-00008-NUS-052-B	B	Nuseirat Diesel Generator (300KW) Manufacturer: FG WILSON	Materials	January 17, 2016	January 18, 2016	January 31, 2016	C
99	SUB-15-00008-NUS-052-C	C	Nuseirat Diesel Generator (300KW) Manufacturer: FG WILSON	Materials	February 10, 2016	February 10, 2016	February 25, 2016	C
100	SUB-15-00008-NUS-052-D	D	Nuseirat Diesel Generator (300KW) Manufacturer: FG WILSON	Materials	March 27, 2016	March 27, 2016	April 7, 2016	C
101	SUB-15-00008-NUS-052-E	E	Nuseirat Diesel Generator (300KW) Manufacturer: FG WILSON	Materials	May 12, 2016	May 12, 2016	May 23, 2016	A
102	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
103	SUB-15-00008-ATA-053-B	B	Al Atatrah Diesel Generator (250 KW) Manufacturer: FG WILSON	Materials	January 18, 2016	January 18, 2016	January 31, 2016	C
104	SUB-15-00008-ATA-053-C	C	Al Atatrah Diesel Generator (250 KW) Manufacturer: FG WILSON	Materials	February 10, 2016	February 10, 2016	February 25, 2016	C

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105	SUB-15-00008-ATA-053-D	D	Al Atatrah Diesel Generator (250 KW) Manufacturer: FG WILSON	Materials	March 27, 2016	March 27, 2016	April 7, 2016	C
106	SUB-15-00008-ATA-053-E	E	Al Atatrah Diesel Generator (250 KW) Manufacturer: FG WILSON	Materials	May 12, 2016	May 12, 2016	May 23, 2016	A
107	SUB-15-00008-GAZI-054-A	A	Construction Risk Management Program (CRMP)	Pre-Construction	December 15, 2015	December 16, 2015	December 29, 2015	C
108	SUB-15-00008-GAZI-054-B	B	Construction Risk Management Program (CRMP)	Pre-Construction	February 7, 2016	February 7, 2016	February 11, 2016	A
109	SUB-15-00008-GAZI-055-A	A	Lighting Fixtures	Materials	December 15, 2015	December 16, 2015	January 4, 2016	B
110	SUB-15-00008-GAZI-055-B	B	Lighting Fixtures	Materials	February 9, 2016	February 9, 2016	February 17, 2016	A
111	SUB-15-00008-GAZI-056-A	A	1” & 2” Combination Air Valves	Materials	December 15, 2015	December 16, 2015	January 11, 2016	C
112	SUB-15-00008-GAZI-056-B	B	1” & 2” Combination Air Valves	Materials	January 27, 2016	January 27, 2016	January 28, 2016	A
113	SUB-15-00008-GAZI-057-A	A	3” & 4” Combination Air Valves	Materials	December 15, 2015	December 16, 2015	January 11, 2016	C
114	SUB-15-00008-GAZI-057-B	B	3” & 4” Combination Air Valves	Materials	January 27, 2016	January 27, 2016	February 11, 2016	A
115	SUB-15-00008-GAZI-058-A	A	Ball Valves DN50 & Smaller	Materials	December 15, 2015	December 16, 2015	December 30, 2015	B
116	SUB-15-00008-GAZI-058-B	B	Ball Valves DN50 & Smaller	Materials	February 11, 2016	February 11, 2016	February 23, 2016	A
117	SUB-15-00008-GAZI-059-A	A	Electromagnetic Flow Meter	Materials	December 15, 2015	December 16, 2015	January 11, 2016	C
118	SUB-15-00008-GAZI-060-A	A	Pressure Level Transmitters	Materials	December 15, 2015	December 16, 2015	January 7, 2016	C
119	SUB-15-00008-GAZI-060-B	B	Pressure Level Transmitters	Materials	February 24, 2016	February 24, 2016	March 7, 2016	B
120	SUB-15-00008-GAZI-060-C	C	Pressure Level Transmitters	Materials	April 26, 2016	April 26, 2016	May 15, 2016	A
121	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
122	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
123	SUB-15-00008-GAZI-063-A	A	Submittals Schedule	Pre-Construction	December 20, 2015	December 20, 2015	January 3, 2016	B
124	SUB-15-00008-GAZI-064-A	A	Quality Control Program (QCP)	Pre-Construction	December 20, 2015	December 20, 2015	January 17, 2016	C
125	SUB-15-00008-GAZI-064-B	B	Quality Control Program (QCP)	Pre-Construction	January 26, 2016	January 26, 2016	February 15, 2016	B
126	SUB-15-00008-GAZI-065-A	A	Safety Plan	Pre-Construction	December 20, 2015	December 20, 2015	January 11, 2016	C
127	SUB-15-00008-GAZI-065-B	B	Safety Plan	Pre-Construction	January 16, 2016	January 18, 2016	January 31, 2016	A
128	SUB-15-00008-ATA-066-A	A	Al Atatrah Traffic Plan	Pre-Construction	December 20, 2015	December 20, 2015	January 11, 2016	C
129	SUB-15-00008-ATA-066-B	B	Al Atatrah Traffic Plan	Pre-Construction	February 4, 2016	February 4, 2016	February 11, 2016	A
130	SUB-15-00008-NUS-067-A	A	Nuseirat Traffic Plan	Pre-Construction	December 20, 2015	December 20, 2015	January 11, 2016	C

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131	SUB-15-00008-NUS-067-B	B	Nuseirat Traffic Plan	Pre-Construction	February 7, 2016	February 7, 2016	February 11, 2016	A
132	SUB-15-00008-GAZI-068-A	A	Ready Mix Concrete Batching Plant (Al-Taawn Company for ready mix concrete)	Other	December 20, 2015	December 20, 2015	December 25, 2015	E
133	SUB-15-00008-GAZI-069-A	A	Back Flow Preventer	Materials	December 20, 2015	December 20, 2015	January 3, 2016	A
134	SUB-15-00008-GAZI-070-A	A	PVC Box (Electrical)	Materials	December 20, 2015	December 20, 2015	January 3, 2016	A
135	SUB-15-00008-GAZI-071-A	A	Float Level Switch	Materials	December 20, 2015	December 20, 2015	January 3, 2016	A
136	SUB-15-00008-GAZI-072-A	A	Flow Switch	Materials	December 20, 2015	December 20, 2015	January 3, 2016	B
137	SUB-15-00008-GAZI-072-B	B	Flow Switch	Materials	February 11, 2016	February 11, 2016	February 23, 2016	A
138	SUB-15-00008-GAZI-073-A	A	Pipe Expansion Joint-Mechanical	Materials	December 20, 2015	December 20, 2015	January 11, 2016	C
139	SUB-15-00008-GAZI-073-B	B	Pipe Expansion Joint-Mechanical	Materials	January 20, 2016	January 20, 2016	January 31, 2016	A
140	SUB-15-00008-GAZI-074-A	A	Key Personnel	Pre-Construction	December 20, 2015	December 20, 2015	December 25, 2015	E
141	SUB-15-00008-GAZI-075-A	A	Data cable – CAT 6A	Materials	December 22, 2015	December 22, 2015	January 3, 2016	C
142	SUB-15-00008-GAZI-076-A	A	Installation Wire	Materials	December 22, 2015	December 22, 2015	January 3, 2016	A
143	SUB-15-00008-GAZI-077-A	A	Intrusion System	Materials	December 22, 2015	December 22, 2015	January 3, 2016	A
144	SUB-15-00008-GAZI-078-A	A	Fire Alarm System	Materials	December 22, 2015	December 22, 2015	January 3, 2016	C
145	SUB-15-00008-GAZI-078-B	B	Fire Alarm System	Materials	February 11, 2016	February 11, 2016	February 23, 2016	C
146	SUB-15-00008-GAZI-079-A	A	Control & Signal Cable	Materials	December 22, 2015	December 22, 2015	January 3, 2016	D
147	SUB-15-00008-GAZI-079-B	B	Control & Signal Cable	Materials	June 26, 2016	June 26, 2016	June 30, 2016	A
148	SUB-15-00008-GAZI-080-A	A	Flanged coupling adapters (PN16) For Ductile Iron Pipes	Materials	December 22, 2015	December 22, 2015	January 11, 2016	D
149	SUB-15-00008-GAZI-080-B	B	Flanged coupling adapters (PN16) For Ductile Iron Pipes	Materials	May 15, 2016	May 15, 2016	May 16, 2016	E
150	SUB-15-00008-GAZI-081-A	A	Flanged coupling adapters (PN16) For Steel Pipes	Materials	December 22, 2015	December 22, 2015	January 11, 2016	D
151	SUB-15-00008-GAZI-081-B	B	Flanged coupling adapters (PN16) For Steel Pipes	Materials	February 11, 2016	February 11, 2016	February 25, 2016	D
152	SUB-15-00008-GAZI-081-C	C	Flanged coupling adapters (PN16) For Steel Pipes	Materials	May 15, 2016	May 15, 2016	May 16, 2016	E
153	SUB-15-00008-GAZI-082-A	A	Pressure Gauges & Snubbers	Materials	December 22, 2015	December 22, 2015	January 11, 2016	C
154	SUB-15-00008-GAZI-082-B	B	Pressure Gauges & Snubbers	Materials	February 25, 2016	February 25, 2016	March 15, 2016	C
155	SUB-15-00008-GAZI-083-A	A	Strainer	Materials	December 22, 2015	December 22, 2015	January 3, 2016	C
156	SUB-15-00008-GAZI-083-B	B	Strainer	Materials	January 21, 2016	January 24, 2016	January 26, 2016	A

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157	SUB-15-00008-ATA-084-A	A	Al Atatrah Grade 3800M3 Reservoir Shop Drawing / Structural & Architectural	Shop Drawings	December 22, 2015	December 22, 2015	January 11, 2016	C
158	SUB-15-00008-ATA-084-B	B	Al Atatrah Grade 3800M3 Reservoir Shop Drawing / Structural & Architectural	Shop Drawings	January 26, 2016	January 27, 2016	February 23, 2016	B
159	SUB-15-00008-ATA-084-C	C	Al Atatrah Grade 3800M3 Reservoir Shop Drawing / Structural & Architectural	Shop Drawings	March 14, 2016	March 14, 2016	March 23, 2016	A
160	SUB-15-00008-GAZI-085-A	A	Submersible Grinder Pump with float	Materials	December 23, 2015	December 27, 2015	January 17, 2016	C
161	SUB-15-00008-GAZI-085-B	B	Submersible Grinder Pump with float	Materials	May 11, 2016	May 11, 2016	May 19, 2016	C
162	SUB-15-00008-GAZI-085-C	C	Submersible Grinder Pump with float	Materials	June 5, 2016	June 5, 2016	June 13, 2016	B
163	SUB-15-00008-GAZI-086-A	A	Flap Valve	Materials	December 23, 2015	December 27, 2015	January 3, 2016	B
164	SUB-15-00008-GAZI-086-B	B	Flap Valve	Materials	February 11, 2016	February 11, 2016	February 23, 2016	A
165	SUB-15-00008-NUS-087-A	A	Nuseirat Grade 3800M3 Reservoir Shop Drawing / Structural & Architectural	Shop Drawings	December 23, 2015	December 27, 2015	January 11, 2016	C
166	SUB-15-00008-NUS-087-B	B	Nuseirat Grade 3800M3 Reservoir Shop Drawing / Structural & Architectural	Shop Drawings	January 26, 2016	January 27, 2016	February 23, 2016	B
167	SUB-15-00008-NUS-087-C	C	Nuseirat Grade 3800M3 Reservoir Shop Drawing / Structural & Architectural	Shop Drawings	March 13, 2016	March 13, 2016	March 23, 2016	A
168	SUB-15-00008-GAZI-088-A	A	Plumping Fixtures	Materials	December 26, 2015	December 27, 2015	January 3, 2016	A
169	SUB-15-00008-GAZI-089-A	A	Disinfection System Instruments	Materials	December 26, 2015	December 27, 2015	January 17, 2016	C
170	SUB-15-00008-GAZI-089-B	B	Disinfection System Instruments	Materials	January 28, 2016	January 28, 2016	February 23, 2016	C
171	SUB-15-00008-GAZI-089-C	C	Disinfection System Instruments	Materials	March 24, 2016	March 24, 2016	March 29, 2016	C
172	SUB-15-00008-GAZI-089-D	D	Disinfection System Instruments	Materials	April 3, 2016	April 3, 2016	April 12, 2016	A
173	SUB-15-00008-GAZI-090-A	A	Original CPM Schedule	Pre-Construction	December 26, 2015	December 27, 2015	January 24, 2016	C
174	SUB-15-00008-GAZI-090-B	B	Original CPM Schedule	Pre-Construction	February 29, 2016	February 29, 2016	March 21, 2016	C
175	SUB-15-00008-GAZI-090-C	C	Original CPM Schedule	Pre-Construction	April 7, 2016	April 7, 2016	April 26, 2016	B
176	SUB-15-00008-GAZI-090-D	D	Original CPM Schedule	Pre-Construction	May 9, 2016	May 9, 2016	May 23, 2016	A
177	SUB-15-00008-GAZI-091-A	A	Concrete mix design for Class B35 (Cylinder)	Pre-Construction	January 3, 2016	January 3, 2016	January 11, 2016	C
178	SUB-15-00008-GAZI-091-B	B	Concrete mix design for Class B35 (Cylinder)	Pre-Construction	February 16, 2016	February 16, 2016	February 23, 2016	E
179	SUB-15-00008-GAZI-092-A	A	Concrete Mix Design Class B20, B25, B30 &B35	Pre-Construction	January 3, 2016	January 3, 2016	January 17, 2016	C
180	SUB-15-00008-GAZI-092-B	B	Concrete Mix Design Class B20, B25, B30 &B35	Pre-Construction	March 10, 2016	March 10, 2016	March 16, 2016	E
181	SUB-15-00008-GAZI-093-A	A	Security Plan	Pre-Construction	January 5, 2016	January 5, 2016	January 11, 2016	C

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182	SUB-15-00008-GAZI-093-B	B	Security Plan	Pre-Construction	January 16, 2016	January 18, 2016	January 21, 2016	E
183	SUB-15-00008-ATA-094-A	A	Demolition of Elevated Tank Method Statement at Al Atatrah	Pre-Construction	January 5, 2016	January 7, 2016	January 24, 2016	C
184	SUB-15-00008-ATA-094-B	B	Demolition of Elevated Tank Method Statement at Al Atatrah	Pre-Construction	January 26, 2016	January 27, 2016	January 31, 2016	A
185	SUB-15-00008-GAZI-095-A	A	Subcontractor Profile (Saqqa and Khoudary Co. (SAK))	Pre-Construction	January 13, 2016	January 14, 2016	January 17, 2016	E
186	SUB-15-00008-NUS-096-A	A	Nuseirat Architectural & Structural Retaining Walls shop drawings	Shop Drawings	January 19, 2016	January 19, 2016	February 7, 2016	C
187	SUB-15-00008-NUS-096-B	B	Nuseirat Architectural & Structural Retaining Walls shop drawings	Shop Drawings	February 14, 2016	February 14, 2016	March 7, 2016	C
188	SUB-15-00008-NUS-096-C	C	Nuseirat Architectural & Structural Retaining Walls shop drawings	Shop Drawings	March 20, 2016	March 20, 2016	March 27, 2016	B
189	SUB-15-00008-NUS-096-D	D	Nuseirat Architectural & Structural Retaining Walls shop drawings	Shop Drawings	March 29, 2016	March 29, 2016	April 7, 2016	A
190	SUB-15-00008-ATA-097-A	A	Al Atatrah Vertical Booster Pump	Materials	January 20, 2016	January 20, 2016	January 31, 2016	C
191	SUB-15-00008-NUS-098-A	A	Nuseirat Vertical Booster Pump	Materials	January 20, 2016	January 20, 2016	January 31, 2016	C
192	SUB-15-00008-GAZI-099-A	A	Reservoirs drain pipes and fittings	Materials	January 20, 2016	January 20, 2016	January 31, 2016	A
193	SUB-15-00008-GAZI-100-A	A	Ductile iron pipe and fitting	Materials	January 21, 2016	January 24, 2016	February 8, 2016	C
194	SUB-15-00008-GAZI-100-B	B	Ductile iron pipe and fitting	Materials	February 15, 2016	February 15, 2016	February 28, 2016	C
195	SUB-15-00008-GAZI-100-C	C	Ductile iron pipe and fitting	Materials	March 9, 2016	March 9, 2016	March 15, 2016	C
196	~~SUB-15-00008-GAZI-100-D~~	~~D~~	~~Ductile iron pipe and fitting~~	~~Materials~~	~~March 24, 2016~~	~~March 24, 2016~~	-	~~Under Review~~
197	SUB-15-00008-GAZI-100-D	D	Ductile iron pipe and fitting	Materials	April 26, 2016	April 26, 2016	May 9, 2016	A
198	SUB-15-00008-GAZI-101-A	A	Polyethylene Storage Tanks	Materials	January 21, 2016	January 24, 2016	February 9, 2016	C
199	SUB-15-00008-GAZI-101-B	B	Polyethylene Storage Tanks	Materials	February 17, 2016	February 17, 2016	February 28, 2016	C
200	SUB-15-00008-GAZI-101-C	C	Polyethylene Storage Tanks	Materials	March 9, 2016	March 9, 2016	March 14, 2016	A
201	SUB-15-00008-GAZI-102-A	A	Formwork System	Materials	January 21, 2016	January 24, 2016	February 8, 2016	C
202	SUB-15-00008-GAZI-102-B	B	Formwork System	Materials	February 10, 2016	February 10, 2016	February 28, 2016	E
203	SUB-15-00008-GAZI-103-A	A	Dismantling Joint	Materials	January 23, 2016	January 24, 2016	February 3, 2016	A
204	SUB-15-00008-GAZI-104-A	A	Gate Valve PN16	Materials	January 23, 2016	January 24, 2016	February 15, 2016	C
205	SUB-15-00008-GAZI-104-B	B	Gate Valve PN16	Materials	February 24, 2016	February 24, 2016	March 8, 2016	A
206	SUB-15-00008-GAZI-105-A	A	Grounding Manhole	Materials	January 23, 2016	January 24, 2016	January 28, 2016	A

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207	SUB-15-00008-ATA-106-A	A	Al Atatrah - Reservoir 3800m3 - Shop Drawings (Mechanical)	Shop Drawings	January 25, 2016	January 26, 2016	February 15, 2016	C
208	SUB-15-00008-ATA-106-B	B	Al Atatrah - Reservoir 3800m3 - Shop Drawings (Mechanical)	Shop Drawings	March 14, 2016	March 14, 2016	March 29, 2016	C
209	SUB-15-00008-ATA-106-C	C	Al Atatrah - Reservoir 3800m3 - Shop Drawings (Mechanical)	Shop Drawings	April 24, 2016	April 24, 2016	May 15, 2016	C
210	SUB-15-00008-ATA-106-D	D	Al Atatrah - Reservoir 3800m3 - Shop Drawings (Mechanical)	Shop Drawings	June 26, 2016	June 26, 2016		Under Review
211	SUB-15-00008-NUS-107-A	A	Nuseirat - Reservoir 3800m3 - Shop Drawings (Mechanical)	Shop Drawings	January 25, 2016	January 26, 2016	February 15, 2016	C
212	SUB-15-00008-NUS-107-B	B	Nuseirat - Reservoir 3800m3 - Shop Drawings (Mechanical)	Shop Drawings	March 13, 2016	March 13, 2016	March 29, 2016	C
213	SUB-15-00008-NUS-107-C	C	Nuseirat - Reservoir 3800m3 - Shop Drawings (Mechanical)	Shop Drawings	May 9, 2016	May 9, 2016	May 19, 2016	C
214	SUB-15-00008-ATA-108-A	A	Al Atatrah - Reservoir 3800m3 - Electrical Shop Drawing	Shop Drawings	January 25, 2016	January 26, 2016	February 11, 2016	C
215	SUB-15-00008-ATA-108-B	B	Al Atatrah - Reservoir 3800m3 - Electrical Shop Drawing	Shop Drawings	February 29, 2016	February 29, 2016	March 14, 2016	B
216	SUB-15-00008-ATA-108-C	C	Al Atatrah - Reservoir 3800m3 - Electrical Shop Drawing	Shop Drawings	March 16, 2016	March 16, 2016	March 23, 2016	A
217	SUB-15-00008-NUS-109-A	A	Nuseirat - Reservoir 3800m3 - Electrical Shop Drawing	Shop Drawings	January 25, 2016	January 26, 2016	February 9, 2016	C
218	SUB-15-00008-NUS-109-B	B	Nuseirat - Reservoir 3800m3 - Electrical Shop Drawing	Shop Drawings	February 29, 2016	February 29, 2016	March 14, 2016	B
219	SUB-15-00008-NUS-109-C	C	Nuseirat - Reservoir 3800m3 - Electrical Shop Drawing	Shop Drawings	March 16, 2016	March 16, 2016	March 23, 2016	A
220	SUB-15-00008-GAZI-110-A	A	Stainless Steel Pipes and Fittings - Inside Water Tanks	Materials	January 27, 2016	January 27, 2016	February 15, 2016	C
221	SUB-15-00008-GAZI-110-B	B	Stainless Steel Pipes and Fittings - Inside Water Tanks	Materials	February 24, 2016	February 24, 2016	February 29, 2016	B
222	SUB-15-00008-GAZI-110-C	C	Stainless Steel Pipes and Fittings - Inside Water Tanks	Materials	March 27, 2016	March 27, 2016	March 31, 2016	A
223	SUB-15-00008-GAZI-111-A	A	Gaskets (Stainless Steel and Steel Pipes)	Materials	January 27, 2016	January 27, 2016	February 3, 2016	A
224	SUB-15-00008-GAZI-112-A	A	AC Units - Guard House	Materials	January 28, 2016	January 28, 2016	February 7, 2016	C
225	SUB-15-00008-GAZI-112-B	B	AC Units - Guard House	Materials	February 15, 2016	February 15, 2016	February 25, 2016	A
226	SUB-15-00008-GAZI-113-A	A	A.R.I. Check Valves	Materials	January 28, 2016	January 28, 2016	February 11, 2016	A

No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
227	SUB-15-00008-GAZI-114-A	A	Concrete Curing Method Statement	Materials	January 28, 2016	January 28, 2016	February 23, 2016	B
228	SUB-15-00008-GAZI-114-B	B	Concrete Curing Method Statement	Materials	March 10, 2016	March 10, 2016	March 21, 2016	A
229	SUB-15-00008-GAZI-115-A	A	Disinfection System Pipes, Valves and Fittings	Materials	January 28, 2016	January 28, 2016	February 11, 2016	D
230	SUB-15-00008-GAZI-115-B	B	Disinfection System Pipes, Valves and Fittings	Materials	March 27, 2016	March 27, 2016	April 4, 2016	C
231	SUB-15-00008-GAZI-115-C	C	Disinfection System Pipes, Valves and Fittings	Materials	April 10, 2016	April 10, 2016	April 13, 2016	A
232	SUB-15-00008-GAZI-116-A	A	Flanged Ball Valves (2''– 4'')	Materials	January 28, 2016	January 28, 2016	February 8, 2016	C
233	SUB-15-00008-GAZI-116-B	B	Flanged Ball Valves (2''– 4'')	Materials	February 11, 2016	February 11, 2016	February 23, 2016	A
234	SUB-15-00008-GAZI-117-A	A	Floor Drain and Roof Drain	Materials	January 31, 2016	January 31, 2016	February 11, 2016	C
235	SUB-15-00008-GAZI-117-B	B	Floor Drain and Roof Drain	Materials	February 15, 2016	February 15, 2016	February 25, 2016	C
236	SUB-15-00008-GAZI-118-A	A	Formwork Material (Retaining Walls and Chambers)	Materials	January 31, 2016	January 31, 2016	February 15, 2016	A
237	SUB-15-00008-GAZI-119-A	A	AC Units Electrical and Control Room	Materials	January 31, 2016	January 31, 2016	February 16, 2016	C
238	SUB-15-00008-GAZI-119-B	B	AC Units Electrical and Control Room	Materials	February 24, 2016	February 24, 2016	March 3, 2016	A
239	SUB-15-00008-GAZI-120-A	A	Plumbing Fixtures and Accessories Alternative Product	Materials	January 31, 2016	January 31, 2016	February 7, 2016	A
240	SUB-15-00008-GAZI-121-A	A	HVAC Copper Tube	Materials	January 31, 2016	January 31, 2016	February 8, 2016	A
241	SUB-15-00008-GAZI-122-A	A	Lighting Fixture – Alternative	Materials	January 31, 2016	January 31, 2016	February 7, 2016	A
242	SUB-15-00008-ATA-123-A	A	Main Distribution board – Electrical Shop Drawing – Al Atatrah Reservoir	Shop Drawings	January 31, 2016	January 31, 2016	February 17, 2016	C
243	SUB-15-00008-ATA-123-B	B	Main Distribution board – Electrical Shop Drawing – Al Atatrah Reservoir	Shop Drawings	February 21, 2016	February 21, 2016	February 23, 2016	A
244	SUB-15-00008-NUS-124-A	A	Main Distribution board – Electrical Shop Drawing – Nuseirat Reservoir	Shop Drawings	January 31, 2016	January 31, 2016	February 17, 2016	C
245	SUB-15-00008-NUS-124-B	B	Main Distribution board – Electrical Shop Drawing – Nuseirat Reservoir	Shop Drawings	February 21, 2016	February 21, 2016	February 23, 2016	A
246	SUB-15-00008-GAZI-125-A	A	Mechanical Coupling	Materials	January 31, 2016	January 31, 2016	February 11, 2016	C
247	SUB-15-00008-GAZI-125-B	B	Mechanical Coupling	Materials	May 15, 2016	May 15, 2016	May 18, 2016	E
248	SUB-15-00008-GAZI-126-A	A	Concrete Ready-Mix Design A1 & A3 (35MPa), B(28Mpa), D7 (14MPa) & 30 MPa- Size 20 mm	Materials	January 31, 2016	January 31, 2016	February 11, 2016	A
249	~~SUB-15-00008-GAZI-127-A~~	~~A~~	~~ARV Chamber Shop Drawing (Mechanical)~~	~~Shop Drawings~~	~~February 1, 2016~~	~~February 1, 2016~~	-	~~Under Review~~

No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
250	SUB-15-00008-GAZI-127-A	A	ARV Chamber Shop Drawing (Mechanical)	Shop Drawings	February 11, 2016	February 11, 2016	March 3, 2016	C
251	SUB-15-00008-GAZI-127-B	B	ARV Chamber Shop Drawing (Mechanical)	Shop Drawings	March 13, 2016	March 13, 2016	March 22, 2016	B
252	SUB-15-00008-GAZI-127-C	C	ARV Chamber Shop Drawing (Mechanical)	Shop Drawings	April 12, 2016	April 12, 2016	April 18, 2016	A
253	SUB-15-00008-GAZI-128-A	A	Guard House Electrical Shop Drawing	Shop Drawings	February 1, 2016	February 1, 2016	February 18, 2016	C
254	SUB-15-00008-GAZI-128-B	B	Guard House Electrical Shop Drawing	Shop Drawings	February 22, 2016	February 22, 2016	March 7, 2016	C
255	SUB-15-00008-GAZI-128-C	C	Guard House Electrical Shop Drawing	Shop Drawings	March 15, 2016	March 15, 2016	March 23, 2016	C
256	SUB-15-00008-GAZI-128-D	D	Guard House Electrical Shop Drawing	Shop Drawings	May 5, 2016	May 5, 2016	May 15, 2016	A
257	SUB-15-00008-ATA-129-A	A	Al Atatrah Site Layout Shop Drawing	Shop Drawings	February 1, 2016	February 1, 2016	February 23, 2016	B
258	~~SUB-15-00008-ATA-129-B~~	~~B~~	~~Al Atatrah Site Layout Shop Drawing~~	~~Shop Drawings~~	~~March 9, 2016~~	~~March 9, 2016~~		~~Under Review~~
259	SUB-15-00008-ATA-129-B	B	Al Atatrah Site Layout Shop Drawing	Shop Drawings	March 17, 2016	March 17, 2016	March 27, 2016	B
260	SUB-15-00008-ATA-129-C	C	Al Atatrah Site Layout Shop Drawing	Shop Drawings	March 30, 2016	March 30, 2016	April 10, 2016	A
261	SUB-15-00008-NUS-130-A	A	Nuseirat Site Layout Shop Drawing	Shop Drawings	February 1, 2016	February 1, 2016	February 23, 2016	B
262	SUB-15-00008-NUS-130-B	B	Nuseirat Site Layout Shop Drawing	Shop Drawings	March 9, 2016	March 9, 2016	March 22, 2016	A
263	SUB-15-00008-NUS-131-A	A	Nuseirat Excavation Plan - Shop Drawing	Shop Drawings	February 1, 2016	February 1, 2016	February 23, 2016	C
264	SUB-15-00008-NUS-131-B	B	Nuseirat Excavation Plan - Shop Drawing	Shop Drawings	March 21, 2016	March 21, 2016	March 29, 2016	B
265	~~SUB-15-00008-GAZI-132-A~~	~~A~~	~~PRV Chamber Shop Drawing (Mechanical)~~	~~Shop Drawings~~	~~February 1, 2016~~	~~February 1, 2016~~	-	~~Under Review~~
266	SUB-15-00008-GAZI-132-A	A	PRV Chamber Shop Drawing (Mechanical)	Shop Drawings	February 11, 2016	February 11, 2016	March 10, 2016	C
267	SUB-15-00008-GAZI-132-B	B	PRV Chamber Shop Drawing (Mechanical)	Shop Drawings	March 16, 2016	March 16, 2016	March 24, 2016	C
268	SUB-15-00008-GAZI-132-C	C	PRV Chamber Shop Drawing (Mechanical)	Shop Drawings	April 12, 2016	April 12, 2016	April 20, 2016	C
269	SUB-15-00008-GAZI-132-D	D	PRV Chamber Shop Drawing (Mechanical)	Shop Drawings	April 24, 2016	April 24, 2016	May 4, 2016	B
270	SUB-15-00008-GAZI-132-E	E	PRV Chamber Shop Drawing (Mechanical)	Shop Drawings	June 5, 2016	June 5, 2016	June 6, 2016	A
271	SUB-15-00008-GAZI-133-A	A	Concrete Ready-Mix Design Class B300-Size 20mm	Materials	February 1, 2016	February 1, 2016	February 9, 2016	C

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272	SUB-15-00008-GAZI-133-B	B	Concrete Ready-Mix Design Class B300-Size 20mm	Materials	March 10, 2016	March 10, 2016	March 16, 2016	E
273	SUB-15-00008-GAZI-134-A	A	Plumbing Valves and Fittings	Materials	February 2, 2016	February 2, 2016	February 11, 2016	C
274	SUB-15-00008-GAZI-134-B	B	Plumbing Valves and Fittings	Materials	March 27, 2016	March 27, 2016	March 31, 2016	C
275	SUB-15-00008-GAZI-135-A	A	Potable Water Tank	Materials	February 2, 2016	February 2, 2016	February 17, 2016	D
276	SUB-15-00008-GAZI-136-A	A	Solar Collection System	Materials	February 2, 2016	February 2, 2016	February 11, 2016	A
277	SUB-15-00008-GAZI-137-A	A	Sub Distribution Board - Electrical Shop Drawings	Shop Drawings	February 2, 2016	February 2, 2016	February 15, 2016	C
278	SUB-15-00008-GAZI-137-B	B	Sub Distribution Board - Electrical Shop Drawings	Shop Drawings	February 22, 2016	February 22, 2016	March 3, 2016	A
279	SUB-15-00008-GAZI-138-A	A	Tapping Saddles	Materials	February 2, 2016	February 2, 2016	February 23, 2016	C
280	SUB-15-00008-GAZI-138-B	B	Tapping Saddles	Materials	February 24, 2016	February 24, 2016	February 29, 2016	A
281	SUB-15-00008-GAZI-139-A	A	ULTRAVIOLET (UV) Water Purifier	Materials	February 2, 2016	February 2, 2016	February 11, 2016	A
282	SUB-15-00008-GAZI-140-A	A	UPVC Sewage System Pipes and Fittings	Materials	February 2, 2016	February 2, 2016	February 16, 2016	D
283	SUB-15-00008-GAZI-140-B	B	UPVC Sewage System Pipes and Fittings	Materials	February 24, 2016	February 24, 2016	March 2, 2016	A
284	SUB-15-00008-GAZI-141-A	A	Water Copper Tube	Materials	February 2, 2016	February 2, 2016	February 8, 2016	A
285	SUB-15-00008-GAZI-142-A	A	Water Drain Bottle Trap	Materials	February 2, 2016	February 2, 2016	February 11, 2016	A
286	SUB-15-00008-GAZI-143-A	A	Reservoir Drain Pipe and Fittings-Alternative	Materials	February 2, 2016	February 2, 2016	February 17, 2016	A
287	SUB-15-00008-GAZI-144-A	A	PVC Sheet	Materials	February 2, 2016	February 2, 2016	February 23, 2016	A
288	SUB-15-00008-GAZI-145-A	A	Steel Fittings	Materials	February 2, 2016	February 2, 2016	February 17, 2016	C
289	SUB-15-00008-GAZI-145-B	B	Steel Fittings	Materials	February 24, 2016	February 24, 2016	February 29, 2016	B
290	SUB-15-00008-GAZI-145-C	C	Steel Fittings	Materials	March 27, 2016	March 27, 2016	March 31, 2016	A
291	SUB-15-00008-GAZI-146-A	A	Bolts, Washers and Nuts for Ductile Iron System	Materials	February 2, 2016	February 2, 2016	February 16, 2016	C
292	SUB-15-00008-GAZI-146-B	B	Bolts, Washers and Nuts for Ductile Iron System	Materials	February 24, 2016	February 24, 2016	February 29, 2016	A
293	SUB-15-00008-GAZI-147-A	A	Stainless Steel Fasteners (Bolts, Nuts, Screws, Washers and Stud)	Materials	February 2, 2016	February 2, 2016	February 16, 2016	C
294	SUB-15-00008-GAZI-147-B	B	Stainless Steel Fasteners (Bolts, Nuts, Screws, Washers and Stud)	Materials	February 24, 2016	February 24, 2016	February 29, 2016	A
295	SUB-15-00008-GAZI-148-A	A	Float Level Control Valves	Materials	February 2, 2016	February 2, 2016	February 17, 2016	C
296	SUB-15-00008-GAZI-148-B	B	Float Level Control Valves	Materials	March 9, 2016	March 9, 2016	March 24, 2016	C

No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
297	SUB-15-00008-GAZI-148-C	C	Float Level Control Valves	Materials	June 26, 2016	June 26, 2016		Under Review
298	SUB-15-00008-GAZI-149-A	A	Flanged Ductile Pipe Gasket	Materials	February 2, 2016	February 2, 2016	February 17, 2016	C
299	SUB-15-00008-GAZI-149-B	B	Flanged Ductile Pipe Gasket	Materials	February 25, 2016	February 25, 2016	March 2, 2016	A
300	SUB-15-00008-GAZI-150-A	A	Emergency Shower-Disinfection Building	Materials	February 2, 2016	February 2, 2016	February 15, 2016	C
301	SUB-15-00008-GAZI-150-B	B	Emergency Shower-Disinfection Building	Materials	April 26, 2016	April 26, 2016	May 15, 2016	C
302	SUB-15-00008-GAZI-150-C	C	Emergency Shower-Disinfection Building	Materials	May 18, 2016	May 18, 2016	May 19, 2016	C
303	SUB-15-00008-GAZI-150-D	D	Emergency Shower-Disinfection Building	Materials	June 5, 2016	June 5, 2016	June 16, 2016	B
304	SUB-15-00008-GAZI-150-E	E	Emergency Shower-Disinfection Building	Materials	June 26, 2016	June 26, 2016	June 28, 2016	A
305	SUB-15-00008-GAZI-151-A	A	Exhaust Grilles	Materials	February 2, 2016	February 2, 2016	February 16, 2016	A
306	SUB-15-00008-GAZI-152-A	A	Supply Grilles	Materials	February 2, 2016	February 2, 2016	February 17, 2016	C
307	SUB-15-00008-GAZI-152-B	B	Supply Grilles	Materials	February 24, 2016	February 24, 2016	February 28, 2016	A
308	SUB-15-00008-GAZI-153-A	A	Manhole Covers "750 mm"	Materials	February 7, 2016	February 7, 2016	February 25, 2016	C
309	SUB-15-00008-GAZI-153-B	B	Manhole Covers "750 mm"	Materials	March 17, 2016	March 17, 2016	March 22, 2016	C
310	SUB-15-00008-GAZI-153-C	C	Manhole Covers "750 mm"	Materials	April 6, 2016	April 6, 2016	April 28, 2016	B
311	SUB-15-00008-GAZI-154-A	A	Manhole Steps	Materials	February 7, 2016	February 7, 2016	February 28, 2016	C
312	SUB-15-00008-GAZI-155-A	A	PVC Water stop 150mm	Materials	February 7, 2016	February 7, 2016	February 9, 2016	A
313	SUB-15-00008-GAZI-156-A	A	Method Statement for Expandable Water Stop.	Materials	February 7, 2016	February 7, 2016	February 25, 2016	A
314	SUB-15-00008-GAZI-157-A	A	Material and Method Statement for External Isolation Material (Nitoproof 30).	Materials	February 7, 2016	February 7, 2016	March 3, 2016	A
315	SUB-15-00008-GAZI-158-A	A	Material and Method Statement for Cementation Repair Mortar (Renderoc FC).	Materials	February 7, 2016	February 7, 2016	February 29, 2016	A
316	SUB-15-00008-GAZI-159-A	A	Material and Method Statement for Internal Epoxy Coating (Nitocote EP405).	Materials	February 7, 2016	February 7, 2016	February 15, 2016	C
317	SUB-15-00008-GAZI-159-B	B	Material and Method Statement for Internal Epoxy Coating (Nitocote EP405).	Materials	February 24, 2016	February 24, 2016	March 15, 2016	C
318	SUB-15-00008-GAZI-159-C	C	Material and Method Statement for Internal Epoxy Coating (Nitocote EP405).	Materials	March 20, 2016	March 20, 2016	March 21, 2016	A

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319	SUB-15-00008-GAZI-160-A	A	Material and Method Statement for Non-Shrink Cementitious Grout for Tie Rods (Conbextra HF).	Materials	February 7, 2016	February 7, 2016	February 11, 2016	A
320	SUB-15-00008-GAZI-161-A	A	Material and Method Statement for Rapid Setting Cement-Based Water Stopping Mortar (Rendroc Plug)	Materials	February 7, 2016	February 7, 2016	March 2, 2016	C
321	SUB-15-00008-GAZI-161-B	B	Material and Method Statement for Rapid Setting Cement-Based Water Stopping Mortar (Rendroc Plug)	Materials	March 8, 2016	March 8, 2016	March 21, 2016	A
322	SUB-15-00008-GAZI-162-A	A	Material and Method Statement for External Coating.	Materials	February 7, 2016	February 7, 2016	March 3, 2016	E
323	SUB-15-00008-GAZI-163-A	A	Material and Method Statement for Flexible Protective Coating to Prevent Corrosion of Concrete Surfaces (Nitocote EPU).	Materials	February 7, 2016	February 7, 2016	March 3, 2016	B
324	SUB-15-00008-GAZI-164-A	A	Material and Method Statement for Concrete Repair.	Materials	February 7, 2016	February 7, 2016	March 2, 2016	A
325	SUB-15-00008-GAZI-165-A	A	Material and Method Statement for Crack Injection (Wet or Damp Conditions)	Materials	February 7, 2016	February 7, 2016	March 3, 2016	A
326	SUB-15-00008-GAZI-166-A	A	Method Statement for PVC Water Stops (25cm & 15cm)	Materials	February 7, 2016	February 7, 2016	February 29, 2016	A
327	SUB-15-00008-GAZI-167-A	A	Galvanized Steel Roof Vent	Materials	February 7, 2016	February 7, 2016	February 17, 2016	D
328	SUB-15-00008-GAZI-167-B	B	Galvanized Steel Roof Vent	Materials	March 24, 2016	March 24, 2016	April 10, 2016	C
329	SUB-15-00008-GAZI-167-C	C	Galvanized Steel Roof Vent	Materials	May 4, 2016	May 4, 2016	May 15, 2016	C
330	SUB-15-00008-GAZI-167-D	D	Galvanized Steel Roof Vent	Materials	June 13, 2016	June 13, 2016		Under Review
331	SUB-15-00008-GAZI-168-A	A	Chlorine Basket Strainer.	Materials	February 9, 2016	February 9, 2016	February 23, 2016	C
332	SUB-15-00008-GAZI-168-B	B	Chlorine Basket Strainer.	Materials	February 25, 2016	February 25, 2016	February 29, 2016	A
333	SUB-15-00008-GAZI-169-A	A	Chlorine Multi-Function Valves.	Materials	February 9, 2016	February 9, 2016	February 28, 2016	C
334	SUB-15-00008-GAZI-169-B	B	Chlorine Multi-Function Valves.	Materials	May 2, 2016	May 2, 2016	May 15, 2016	A
335	~~SUB-15-00008-GAZI-170-A~~	~~A~~	~~Chemical Storage Tanks Alternative Product~~	~~Materials~~	~~February 9, 2016~~	~~February 9, 2016~~		~~Under Review~~
336	SUB-15-00008-GAZI-170-A	A	Chemical Storage Tanks Alternative Product	Materials	February 11, 2016	February 11, 2016	February 23, 2016	C
337	SUB-15-00008-GAZI-170-B	B	Chemical Storage Tanks Alternative Product	Materials	May 2, 2016	May 2, 2016	May 15, 2016	C

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338	SUB-15-00008-GAZI-170-C	C	Chemical Storage Tanks Alternative Product	Materials	May 18, 2016	May 18, 2016	May 29, 2016	C
339	SUB-15-00008-GAZI-171-A	A	PAM Air Valves Alternative Product.	Materials	February 9, 2016	February 9, 2016	February 28, 2016	D
340	SUB-15-00008-GAZI-172-A	A	Emergency Shower-Disinfection Building Alternative Product.	Materials	February 9, 2016	February 9, 2016	February 29, 2016	C
341	SUB-15-00008-GAZI-172-B	B	Emergency Shower-Disinfection Building Alternative Product.	Materials	June 26, 2016	June 26, 2016	June 28, 2016	E
342	SUB-15-00008-GAZI-173-A	A	LDPE Tube for Disinfection Building.	Materials	February 9, 2016	February 9, 2016	February 28, 2016	D
343	SUB-15-00008-GAZI-173-B	B	LDPE Tube for Disinfection Building.	Materials	April 10, 2016	April 10, 2016	April 12, 2016	D
344	SUB-15-00008-GAZI-173-C	C	LDPE Tube for Disinfection Building.	Materials	June 5, 2016	June 5, 2016	June 13, 2016	C
345	SUB-15-00008-GAZI-174-A	A	Confined Space Safety Plan	Construction Method Statement	February 10, 2016	February 10, 2016	February 15, 2016	C
346	SUB-15-00008-GAZI-174-B	B	Confined Space Safety Plan	Construction Method Statement	February 22, 2016	February 22, 2016	February 29, 2016	A
347	SUB-15-00008-GAZI-175-A	A	EXCAVATION & TRENCHING SAFETY PLAN	Construction Method Statement	February 10, 2016	February 10, 2016	February 29, 2016	A
348	SUB-15-00008-GAZI-176-A	A	Side Manway Material Submittal	Materials	February 11, 2016	February 11, 2016	February 28, 2016	C
349	SUB-15-00008-GAZI-176-B	B	Side Manway Material Submittal	Materials	March 1, 2016	March 1, 2016	March 3, 2016	A
350	SUB-15-00008-GAZI-177-A	A	BILCO Hatches	Materials	February 11, 2016	February 11, 2016	March 3, 2016	C
351	SUB-15-00008-GAZI-177-B	B	BILCO Hatches	Materials	March 15, 2016	March 15, 2016	March 23, 2016	A
352	SUB-15-00008-GAZI-178-A	A	Disinfection Building Shop Drawing (Mechanical)	Shop Drawings	February 11, 2016	February 11, 2016	March 7, 2016	C
353	SUB-15-00008-GAZI-178-B	B	Disinfection Building Shop Drawing (Mechanical)	Shop Drawings	March 30, 2016	March 30, 2016	April 10, 2016	C
354	SUB-15-00008-GAZI-178-C	C	Disinfection Building Shop Drawing (Mechanical)	Shop Drawings	May 18, 2016	May 18, 2016	May 25, 2016	C
355	SUB-15-00008-GAZI-178-D	D	Disinfection Building Shop Drawing (Mechanical)	Shop Drawings	June 5, 2016	June 5, 2016	June 12, 2016	A
356	SUB-15-00008-GAZI-179-A	A	Restraint UPVC Pipe Flange Adapter	Materials	February 15, 2016	February 15, 2016	February 28, 2016	C
357	SUB-15-00008-GAZI-179-B	B	Restraint UPVC Pipe Flange Adapter	Materials	March 9, 2016	March 9, 2016	March 14, 2016	C
358	SUB-15-00008-GAZI-179-C	C	Restraint UPVC Pipe Flange Adapter	Materials	March 27, 2016	March 27, 2016	March 31, 2016	A
359	SUB-15-00008-GAZI-180-A	A	Warning Tape - Water Pipelines	Materials	February 17, 2016	February 17, 2016	March 3, 2016	C
360	SUB-15-00008-GAZI-181-A	A	Filter Fabric (Geotextile) Data Sheet & Sample	Materials	February 17, 2016	February 17, 2016	March 3, 2016	A
361	SUB-15-00008-GAZI-182-A	A	VFD Components - Schneider	Materials	February 22, 2016	February 22, 2016	March 15, 2016	C

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362	SUB-15-00008-GAZI-182-B	B	VFD Components - Schneider	Materials	May 5, 2016	May 5, 2016	May 19, 2016	C
363	SUB-15-00008-GAZI-183-A	A	Steel Fence & Posts	Materials	February 22, 2016	February 22, 2016	March 14, 2016	C
364	SUB-15-00008-GAZI-183-B	B	Steel Fence & Posts	Materials	March 20, 2016	March 20, 2016	March 23, 2016	A
365	SUB-15-00008-GAZI-184-A	A	Concrete Ready-Mix Design B300 - CCQC Lab.	Materials	February 22, 2016	February 22, 2016	February 29, 2016	C
366	SUB-15-00008-GAZI-184-B	B	Concrete Ready-Mix Design B300 - CCQC Lab.	Materials	March 10, 2016	March 10, 2016	March 16, 2016	E
367	SUB-15-00008-GAZI-185-A	A	Booster Pump Control Valve	Materials	February 24, 2016	February 24, 2016	March 21, 2016	D
368	SUB-15-00008-GAZI-185-B	B	Booster Pump Control Valve	Materials	May 1, 2016	May 1, 2016	May 19, 2016	D
369	SUB-15-00008-GAZI-186-A	A	Steel Flange-Weld-Neck Flanges	Materials	February 24, 2016	February 24, 2016	February 28, 2016	A
370	SUB-15-00008-GAZI-187-A	A	Material and Method Statement for Ex-pandable Water Stop Supercast SW30	Materials	February 25, 2016	February 25, 2016	March 2, 2016	A
371	SUB-15-00008-GAZI-188-A	A	Pressure Switch	Materials	February 25, 2016	February 25, 2016	March 7, 2016	C
372	SUB-15-00008-GAZI-188-B	B	Pressure Switch	Materials	March 9, 2016	March 9, 2016	March 21, 2016	C
373	SUB-15-00008-GAZI-189-A	A	Seismic Cans – With Sample	Materials	February 28, 2016	February 28, 2016	March 21, 2016	A
374	SUB-15-00008-GAZI-190-A	A	Pad Transformer - 400 KVA	Materials	February 29, 2016	February 29, 2016	March 21, 2016	C
375	SUB-15-00008-GAZI-190-B	B	Pad Transformer - 400 KVA	Materials	April 10, 2016	April 10, 2016	May 5, 2016	C
376	SUB-15-00008-NUS-191-A	A	VFD Components -Schneider Nuseirat Reservoir	Materials	February 29, 2016	February 29, 2016	March 21, 2016	C
377	SUB-15-00008-NUS-191-B	B	VFD Components -Schneider Nuseirat Reservoir	Materials	May 5, 2016	May 5, 2016	May 19, 2016	C
378	SUB-15-00008-GAZI-192-A	A	Pressure Reducing Valve-PRV	Materials	February 29, 2016	February 29, 2016	March 21, 2016	C
379	SUB-15-00008-GAZI-192-B	B	Pressure Reducing Valve-PRV	Materials	April 26, 2016	April 26, 2016	May 15, 2016	C
380	SUB-15-00008-GAZI-192-C	C	Pressure Reducing Valve-PRV	Materials	May 22, 2016	May 22, 2016	June 7, 2016	C
381	SUB-15-00008-GAZI-192-D	D	Pressure Reducing Valve-PRV	Materials	June 19, 2016	June 19, 2016		Under Review
382	SUB-15-00008-ATA-193-A	A	Al Atatrah Excavation Plan Shop Drawing	Shop Drawings	February 29, 2016	February 29, 2016	March 21, 2016	C
383	SUB-15-00008-ATA-193-B	B	Al Atatrah Excavation Plan Shop Drawing	Shop Drawings	March 21, 2016	March 21, 2016	March 31, 2016	B
384	SUB-15-00008-ATA-194-A	A	Al Atatrah Electrical Coordination study	Other	March 1, 2016	March 1, 2016	March 21, 2016	C
385	SUB-15-00008-NUS-195-A	A	Nuseirat Electrical Coordination study.	Other	March 1, 2016	March 1, 2016	March 21, 2016	C
386	SUB-15-00008-GAZI-196-A	A	Concrete Repair Material - Alternative (SikaRep & Sikagrout -200)	Materials	March 3, 2016	March 3, 2016	March 22, 2016	C
387	SUB-15-00008-GAZI-196-B	B	Concrete Repair Material - Alternative (SikaRep & Sikagrout -200)	Materials	May 5, 2016	May 5, 2016	May 22, 2016	C

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388	SUB-15-00008-NUS-197-A	A	Waterproofing Membrane Sheet (Building Roofs Isolation/PAZKAR) - with Sample	Materials	March 3, 2016	March 3, 2016	March 22, 2016	B
389	SUB-15-00008-GAZI-198-A	A	Disinfection Building Electrical Shop Drawing	Shop Drawings	March 8, 2016	March 8, 2016	March 21, 2016	C
390	SUB-15-00008-GAZI-198-B	B	Disinfection Building Electrical Shop Drawing	Shop Drawings	March 30, 2016	March 30, 2016	April 12, 2016	C
391	SUB-15-00008-GAZI-198-C	C	Disinfection Building Electrical Shop Drawing	Shop Drawings	April 24, 2016	April 24, 2016	May 9, 2016	A
392	~~SUB-15-00008-ATA-199-A~~	~~A~~	~~ALATATRAH Architectural & Structural Retaining Walls Shop Drawing PART A~~	~~Shop Drawings~~	~~March 8, 2016~~	~~March 8, 2016~~		~~Under Review~~
393	SUB-15-00008-ATA-199-A	A	ALATATRAH Architectural & Structural Retaining Walls Shop Drawing PART A	Shop Drawings	March 15, 2016	March 15, 2016	March 22, 2016	B
394	SUB-15-00008-ATA-199-B	B	ALATATRAH Architectural & Structural Retaining Walls Shop Drawing PART A	Shop Drawings	March 24, 2016	March 24, 2016	April 7, 2016	A
395	SUB-15-00008-GAZI-200-A	A	Steel Pipes -Mechanical	Materials	March 9, 2016	March 9, 2016	March 14, 2016	A
396	SUB-15-00008-GAZI-201-A	A	Flange Insulation Kit (SGM)	Materials	March 9, 2016	March 9, 2016	March 14, 2016	E
397	SUB-15-00008-GAZI-202-A	A	Link Seal	Materials	March 9, 2016	March 9, 2016	March 14, 2016	A
398	SUB-15-00008-GAZI-203-A	A	Tree Relocation Method Statement	Other	March 9, 2016	March 9, 2016	March 14, 2016	B
399	SUB-15-00008-GAZI-204-A	A	Wash-Out Chamber Shop Drawing (Mechanical)	Shop Drawings	March 13, 2016	March 13, 2016	March 21, 2016	C
400	SUB-15-00008-GAZI-204-B	B	Wash-Out Chamber Shop Drawing (Mechanical)	Shop Drawings	April 3, 2016	April 3, 2016	April 5, 2016	C
401	SUB-15-00008-GAZI-204-C	C	Wash-Out Chamber Shop Drawing (Mechanical)	Shop Drawings	April 12, 2016	April 12, 2016	April 18, 2016	A
402	SUB-15-00008-GAZI-205-A	A	Gate Valve Chamber Mechanical Shop Drawing	Shop Drawings	March 13, 2016	March 13, 2016	March 23, 2016	C
403	SUB-15-00008-GAZI-205-B	B	Gate Valve Chamber Mechanical Shop Drawing	Shop Drawings	March 24, 2016	March 24, 2016	April 4, 2016	B
404	SUB-15-00008-GAZI-205-C	C	Gate Valve Chamber Mechanical Shop Drawing	Shop Drawings	June 5, 2016	June 5, 2016	June 6, 2016	A
405	SUB-15-00008-GAZI-206-A	A	BFV Chamber Shop Drawing (Mechanical)	Shop Drawings	March 14, 2016	March 14, 2016	March 21, 2016	C

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406	SUB-15-00008-GAZI-206-B	B	BFV Chamber Shop Drawing (Mechanical)	Shop Drawings	April 3, 2016	April 3, 2016	April 7, 2016	A
407	SUB-15-00008-GAZI-207-A	A	Electrical & Control Building Shop Drawing (Mechanical)	Shop Drawings	March 17, 2016	March 17, 2016	March 31, 2016	C
408	SUB-15-00008-GAZI-207-B	B	Electrical & Control Building Shop Drawing (Mechanical)	Shop Drawings	April 20, 2016	April 20, 2016	April 26, 2016	A
409	SUB-15-00008-GAZI-208-A	A	Guard House Mechanical Shop Drawing	Shop Drawings	March 17, 2016	March 17, 2016	April 3, 2016	C
410	SUB-15-00008-GAZI-208-B	B	Guard House Mechanical Shop Drawing	Shop Drawings	May 1, 2016	May 1, 2016	May 3, 2016	A
411	SUB-15-00008-NUS-209-A	A	Nuseirat Vertical Booster Pump (American –Marsh Pumps)	Materials	March 20, 2016	March 20, 2016	April 10, 2016	C
412	SUB-15-00008-NUS-209-B	B	Nuseirat Vertical Booster Pump (American –Marsh Pumps)	Materials	April 28, 2016	April 28, 2016	May 16, 2016	C
413	SUB-15-00008-NUS-209-C	C	Nuseirat Vertical Booster Pump (American –Marsh Pumps)	Materials	June 26, 2016	June 26, 2016		Under Review
414	SUB-15-00008-ATA-210-A	A	Al Atatrah Vertical Booster Pump (American –Marsh Pumps)	Materials	March 20, 2016	March 20, 2016	April 10, 2016	C
415	SUB-15-00008-ATA-210-B	B	Al Atatrah Vertical Booster Pump (American –Marsh Pumps)	Materials	April 28, 2016	April 28, 2016	May 16, 2016	C
416	SUB-15-00008-ATA-210-C	C	Al Atatrah Vertical Booster Pump (American –Marsh Pumps)	Materials	June 26, 2016	June 26, 2016		Under Review
417	SUB-15-00008-NUS-211-A	A	Electrical & Control Room- Nuseirat Electrical Shop Drawing	Shop Drawings	March 20, 2016	March 20, 2016	March 31, 2016	C
418	SUB-15-00008-NUS-211-B	B	Electrical & Control Room- Nuseirat Electrical Shop Drawing	Shop Drawings	May 10, 2016	May 10, 2016	May 16, 2016	C
419	SUB-15-00008-NUS-211-C	C	Electrical & Control Room- Nuseirat Electrical Shop Drawing	Shop Drawings	May 30, 2016	May 30, 2016	May 31, 2016	A
420	SUB-15-00008-ATA-212-A	A	Electrical & Control Room- Al Atatrah Electrical Shop Drawing	Shop Drawings	March 20, 2016	March 20, 2016	March 31, 2016	C
421	SUB-15-00008-ATA-212-B	B	Electrical & Control Room- Al Atatrah Electrical Shop Drawing	Shop Drawings	May 30, 2016	May 30, 2016	June 2, 2016	B
422	SUB-15-00008-ATA-212-C	C	Electrical & Control Room- Al Atatrah Electrical Shop Drawing	Shop Drawings	June 5, 2016	June 5, 2016	June 19, 2016	A
423	SUB-15-00008-NUS-213-A	A	Nusirate Retaining Wall Grounding System- Electrical Shop Drawing	Shop Drawings	March 21, 2016	March 21, 2016	March 31, 2016	A
424	SUB-15-00008-GAZI-214-A	A	Ready Mix Concrete Batching Plant (Al Handasia Company for ready mix concrete)	Other	March 22, 2016	March 22, 2016	March 27, 2016	E

No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
425	SUB-15-00008-GAZI-215-A	A	Ready Mix Concrete Batching Plant (Abu Eida Company for ready mix concrete)	Other	March 22, 2016	March 22, 2016	March 27, 2016	D
426	SUB-15-00008-ATA-216-A	A	Grinder Pumps – Al Atatrah	Materials	March 27, 2016	March 27, 2016	April 12, 2016	D
427	SUB-15-00008-ATA-216-B	B	Grinder Pumps – Al Atatrah	Materials	May 2, 2016	May 2, 2016	May 15, 2016	D
428	SUB-15-00008-ATA-216-C	C	Grinder Pumps – Al Atatrah	Materials	June 26, 2016	June 26, 2016	June 28, 2016	E
429	SUB-15-00008-GAZI-217-A	A	Cast iron drainage system	Materials	March 27, 2016	March 27, 2016	March 31, 2016	A
430	SUB-15-00008-ATA-218-A	A	VFD for Booster Pump- Al Atatrah Electrical Shop Drawing	Shop Drawings	April 3, 2016	April 3, 2016	April 13, 2016	C
431	SUB-15-00008-ATA-218-B	B	VFD for Booster Pump- Al Atatrah Electrical Shop Drawing	Shop Drawings	April 17, 2016	April 17, 2016	April 24, 2016	B
432	SUB-15-00008-ATA-218-C	C	VFD for Booster Pump- Al Atatrah Electrical Shop Drawing	Shop Drawings	April 25, 2016	April 25, 2016	May 11, 2016	A
433	SUB-15-00008-NUS-219-A	A	VFD for Booster Pump- Nuseirat Electrical Shop Drawing	Shop Drawings	April 3, 2016	April 3, 2016	April 13, 2016	C
434	SUB-15-00008-NUS-219-B	B	VFD for Booster Pump- Nuseirat Electrical Shop Drawing	Shop Drawings	April 17, 2016	April 17, 2016	April 24, 2016	B
435	SUB-15-00008-NUS-219-C	C	VFD for Booster Pump- Nuseirat Electrical Shop Drawing	Shop Drawings	April 25, 2016	April 25, 2016	May 11, 2016	A
436	SUB-15-00008-GAZI-220-A	A	PLC System- Electrical	Materials	April 3, 2016	April 3, 2016	April 21, 2016	C
437	SUB-15-00008-GAZI-220-B	B	PLC System- Electrical	Materials	May 2, 2016	May 2, 2016	May 15, 2016	C
438	SUB-15-00008-GAZI-220-C	C	PLC System- Electrical	Materials	May 19, 2016	May 19, 2016	June 7, 2016	B
439	SUB-15-00008-GAZI-221-A	A	Formwork Materials (Chamfer Strips, Polystyrene board & Backing Rod) with Sample	Materials	April 3, 2016	April 3, 2016	April 7, 2016	A
440	SUB-15-00008-GAZI-222-A	A	Reservoir's Panel (LALL-211, LCP)- Electrical	Materials	April 4, 2016	April 4, 2016	April 13, 2016	A
441	SUB-15-00008-GAZI-223-A	A	Reservoir's Panel (LALL-211, LCP)- Electrical Shop Drawing	Shop Drawings	April 4, 2016	April 4, 2016	April 13, 2016	C
442	SUB-15-00008-GAZI-223-B	B	Reservoir's Panel (LALL-211, LCP)- Electrical Shop Drawing	Shop Drawings	April 14, 2016	April 14, 2016	April 19, 2016	B
443	SUB-15-00008-GAZI-223-C	C	Reservoir's Panel (LALL-211, LCP)- Electrical Shop Drawing	Shop Drawings	June 13, 2016	June 13, 2016	June 14, 2016	A
444	SUB-15-00008-GAZI-224-A	A	Premium Accuracy Pressure Transmitter	Materials	April 4, 2016	April 4, 2016	April 21, 2016	C
445	SUB-15-00008-GAZI-224-B	B	Premium Accuracy Pressure Transmitter	Materials	June 5, 2016	June 5, 2016	June 7, 2016	C
446	SUB-15-00008-GAZI-225-A	A	Electromagnetic Flow Meter -Alternative	Materials	April 4, 2016	April 4, 2016	April 19, 2016	D

No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
447	SUB-15-00008-GAZI-225-B	B	Electromagnetic Flow Meter -Alternative	Materials	May 26, 2016	May 26, 2016	June 2, 2016	D
448	SUB-15-00008-GAZI-225-C	C	Electromagnetic Flow Meter -Alternative	Materials	June 29, 2016	June 29, 2016		Under Review
449	SUB-15-00008-GAZI-226-A	A	PVC Pipe (20'') –Alternative	Materials	April 6, 2016	April 6, 2016	April 7, 2016	A
450	SUB-15-00008-GAZI-227-A	A	Sealant for Expansion Joint (Reservoir & Retaining Wall)	Materials	April 6, 2016	April 6, 2016	April 7, 2016	A
451	SUB-15-00008-GAZI-228-A	A	UPS System -Components	Materials	April 6, 2016	April 6, 2016	April 21, 2016	C
452	SUB-15-00008-GAZI-228-B	B	UPS System -Components	Materials	May 10, 2016	May 10, 2016	May 16, 2016	C
453	SUB-15-00008-ATA-229-A	A	Al Atatrah Fence in conjunction with Retaining Walls Shop Drawing	Shop Drawings	April 7, 2016	April 7, 2016	April 24, 2016	C
454	SUB-15-00008-ATA-229-B	B	Al Atatrah Fence in conjunction with Retaining Walls Shop Drawing	Shop Drawings	April 26, 2016	April 26, 2016	May 10, 2016	A
455	SUB-15-00008-ATA-229-C	C	Al Atatrah Fence in conjunction with Retaining Walls Shop Drawing	Shop Drawings	May 22, 2016	May 22, 2016	May 29, 2016	A
456	SUB-15-00008-NUS-230-A	A	Nuseirat Fence in conjunction with Retaining Walls Shop Drawing	Shop Drawings	April 7, 2016	April 7, 2016	April 24, 2016	C
457	SUB-15-00008-NUS-230-B	B	Nuseirat Fence in conjunction with Retaining Walls Shop Drawing	Shop Drawings	April 26, 2016	April 26, 2016	May 10, 2016	A
458	SUB-15-00008-NUS-230-C	C	Nuseirat Fence in conjunction with Retaining Walls Shop Drawing	Shop Drawings	May 22, 2016	May 22, 2016	May 29, 2016	A
459	SUB-15-00008-NUS-231-A	A	Nuseirat Pipe Line Shop Drawing – Part I	Shop Drawings	April 7, 2016	April 7, 2016	May 4, 2016	C
460	SUB-15-00008-NUS-231-B	B	Nuseirat Pipe Line Shop Drawing – Part I	Shop Drawings	June 15, 2016	June 15, 2016	June 30, 2016	C
461	SUB-15-00008-ATA-232-A	A	Al-Atatrah Retaining wall & Fence Grounding system Electrical Shop Drawing	Shop Drawings	April 7, 2016	April 7, 2016	April 14, 2016	A
462	SUB-15-00008-ATA-232-B	B	Al-Atatrah Retaining wall & Fence Grounding system Electrical Shop Drawing	Shop Drawings	May 22, 2016	May 22, 2016	June 7, 2016	A
463	SUB-15-00008-GAZI-233-A	A	Dosing Pump	Materials	April 10, 2016	April 10, 2016	April 19, 2016	C
464	SUB-15-00008-GAZI-233-B	B	Dosing Pump	Materials	April 26, 2016	April 26, 2016	May 4, 2016	A
465	SUB-15-00008-GAZI-234-A	A	Reservoir Scaffolding Calculation Sheet	Materials	April 13, 2016	April 13, 2016	April 21, 2016	C
466	SUB-15-00008-GAZI-234-B	B	Reservoir Scaffolding Calculation Sheet	Materials	May 18, 2016	May 18, 2016	May 24, 2016	B
467	SUB-15-00008-GAZI-234-C	C	Reservoir Scaffolding Calculation Sheet	Materials	June 5, 2016	June 5, 2016	June 6, 2016	E
468	SUB-15-00008-GAZI-235-A	A	Retaining Wall Formwork Design	Other	April 14, 2016	April 14, 2016	April 18, 2016	E

No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
469	SUB-15-00008-GAZI-236-A	A	Ready Mix Concrete Batching Plant (Al-Hadetha for ready mix concrete)	Other	April 14, 2016	April 14, 2016	April 21, 2016	E
470	SUB-15-00008-ATA-237-A	A	Al Atatrah Temporary Storage Yard	Pre-Construction	April 17, 2016	April 17, 2016	April 21, 2016	A
471	SUB-15-00008-GAZI-238-A	A	Engineer's Primary Field Office – Alternative No. 1	Pre-Construction	April 25, 2016	April 25, 2016	May 11, 2016	C
472	SUB-15-00008-GAZI-239-A	A	Engineer's Primary Field Office – Alternative No. 2	Pre-Construction	April 25, 2016	April 25, 2016	May 11, 2016	C
473	SUB-15-00008-ATA-240-A	A	Skid Mounting Pumps- Al Atatrah	Materials	April 25, 2016	April 25, 2016	May 16, 2016	D
474	SUB-15-00008-GAZI-241-A	A	VFD Siemens -Alternative	Materials	April 25, 2016	April 25, 2016	May 15, 2016	C
475	SUB-15-00008-GAZI-241-B	B	VFD Siemens -Alternative	Materials	June 15, 2016	June 15, 2016	June 30, 2016	C
476	SUB-15-00008-ATA-242-A	A	Guard House Architectural & Structural Shop Drawing – Al Atatrah	Shop Drawings	April 26, 2016	April 26, 2016	May 16, 2016	C
477	SUB-15-00008-ATA-242-B	B	Guard House Architectural & Structural Shop Drawing – Al Atatrah	Shop Drawings	May 22, 2016	May 22, 2016	June 7, 2016	C
478	SUB-15-00008-ATA-242-C	C	Guard House Architectural & Structural Shop Drawing – Al Atatrah	Shop Drawings	June 9, 2016	June 9, 2016	June 16, 2016	A
479	SUB-15-00008-NUS-243-A	A	Guard House Architectural & Structural Shop Drawing – Nuseirat	Shop Drawings	April 26, 2016	April 26, 2016	May 16, 2016	C
480	SUB-15-00008-NUS-243-B	B	Guard House Architectural & Structural Shop Drawing – Nuseirat	Shop Drawings	May 22, 2016	May 22, 2016	June 7, 2016	C
481	SUB-15-00008-NUS-243-C	C	Guard House Architectural & Structural Shop Drawing – Nuseirat	Shop Drawings	June 9, 2016	June 9, 2016	June 16, 2016	A
482	SUB-15-00008-GAZI-244-A	A	Bolts, Washers and Nuts for Chambers	Materials	April 26, 2016	April 26, 2016	May 5, 2016	C
483	SUB-15-00008-GAZI-244-B	B	Bolts, Washers and Nuts for Chambers	Materials	May 10, 2016	May 10, 2016	May 15, 2016	C
484	SUB-15-00008-GAZI-244-C	C	Bolts, Washers and Nuts for Chambers	Materials	June 5, 2016	June 5, 2016	June 6, 2016	A
485	SUB-15-00008-GAZI-245-A	A	Break Tank Wall to Roof Joint Details – With Sample	Materials	April 26, 2016	April 26, 2016	May 16, 2016	C
486	SUB-15-00008-GAZI-246-A	A	Strainer - Alternative	Materials	May 1, 2016	May 1, 2016	May 15, 2016	B
487	SUB-15-00008-GAZI-247-A	A	Pressure Sustaining Control valve	Materials	May 1, 2016	May 1, 2016	May 19, 2016	C
488	SUB-15-00008-GAZI-248-A	A	Warning Tape (Water Pipelines)- Alternative with Sample	Materials	May 1, 2016	May 1, 2016	May 16, 2016	C
489	SUB-15-00008-GAZI-249-A	A	Wall Mounted Exhaust Fan (Guard House)	Materials	May 3, 2016	May 3, 2016	May 10, 2016	A
490	SUB-15-00008-GAZI-250-A	A	Domed Centrifugal FRP Fans (Disinfection Building)	Materials	May 3, 2016	May 3, 2016	May 15, 2016	A

No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
491	SUB-15-00008-ATA-251-A	A	DIS-HVCP Panel- Electrical	Materials	May 3, 2016	May 3, 2016	May 16, 2016	B
492	SUB-15-00008-ATA-251-B	B	DIS-HVCP Panel- Electrical	Materials	May 19, 2016	May 19, 2016	May 25, 2016	A
493	SUB-15-00008-GAZI-252-A	A	Lightning protection system components	Materials	May 3, 2016	May 3, 2016	May 16, 2016	C
494	SUB-15-00008-GAZI-252-B	B	Lightning protection system components	Materials	May 19, 2016	May 19, 2016	May 30, 2016	A
495	SUB-15-00008-GAZI-253-A	A	DIS-HVCP PANEL FOR EXHUST FAN – Electrical Shop Drawing	Shop Drawings	May 3, 2016	May 3, 2016	May 16, 2016	B
496	SUB-15-00008-GAZI-253-B	B	DIS-HVCP PANEL FOR EXHUST FAN – Electrical Shop Drawing	Shop Drawings	May 19, 2016	May 19, 2016	May 25, 2016	A
497	SUB-15-00008-GAZI-254-A	A	External Isolation Material (Bitumen 60-70)	Materials	May 4, 2016	May 4, 2016	May 15, 2016	A
498	SUB-15-00008-GAZI-255-A	A	Lightning Protection System Electrical Shop Drawing	Shop Drawings	May 4, 2016	May 4, 2016	May 15, 2016	C
499	SUB-15-00008-GAZI-255-B	B	Lightning Protection System Electrical Shop Drawing	Shop Drawings	May 19, 2016	May 19, 2016	May 30, 2016	B
500	SUB-15-00008-GAZI-255-C	C	Lightning Protection System Electrical Shop Drawing	Shop Drawings	June 15, 2016	June 15, 2016	June 19, 2016	A
501	SUB-15-00008-GAZI-256-A	A	Internal Epoxy Coating Material Sika Top Seal 107	Materials	May 5, 2016	May 5, 2016	May 19, 2016	E
502	SUB-15-00008-NUS-257-A	A	Al Nuseirat Pipe Line Shop Drawing Part II	Shop Drawings	May 5, 2016	May 5, 2016	May 19, 2016	C
503	SUB-15-00008-NUS-257-B	B	Al Nuseirat Pipe Line Shop Drawing Part II	Shop Drawings	June 15, 2016	June 15, 2016	June 30, 2016	C
504	SUB-15-00008-GAZI-258-A	A	Method Statement for Casting Concrete for Reservoirs Foundation in One Stage	Materials	May 10, 2016	May 10, 2016	May 22, 2016	E
505	SUB-15-00008-GAZI-259-A	A	Filter Fabric (Geotextile) – with sample	Materials	May 15, 2016	May 15, 2016	May 22, 2016	C
506	SUB-15-00008-ATA-260-A	A	Disinfection Building Architectural & Structural Shop Drawings- Al Atatrah	Shop Drawings	May 15, 2016	May 15, 2016	May 30, 2016	C
507	SUB-15-00008-ATA-260-B	B	Disinfection Building Architectural & Structural Shop Drawings- Al Atatrah	Shop Drawings	June 5, 2016	June 5, 2016	June 13, 2016	A

No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
508	SUB-15-00008-NUS-261-A	A	Disinfection Building Architectural & Structural Shop Drawings- Al Nuseirat	Shop Drawings	May 15, 2016	May 15, 2016	May 30, 2016	C
509	SUB-15-00008-NUS-261-B	B	Disinfection Building Architectural & Structural Shop Drawings- Al Nuseirat	Shop Drawings	June 5, 2016	June 5, 2016	June 12, 2016	A
510	SUB-15-00008-GAZI-262-A	A	UPS PANEL Electrical Shop Drawing	Shop Drawings	May 15, 2016	May 15, 2016	May 19, 2016	C
511	SUB-15-00008-GAZI-263-A	A	Updated Environmental Monitoring & Mitigation Plan (April, 2016)	Updated EMMP	May 16, 2016	May 16, 2016	May 24, 2016	B
512	SUB-15-00008-GAZI-264-A	A	Float Level Switch- Alternative	Materials	May 18, 2016	May 18, 2016	May 19, 2016	A
513	SUB-15-00008-GAZI-265-A	A	Float Level Switch -Disinfection Building	Materials	May 18, 2016	May 18, 2016	May 19, 2016	D
514	SUB-15-00008-GAZI-266-A	A	Flow Switch – Alternative	Materials	May 18, 2016	May 18, 2016	May 19, 2016	A
515	SUB-15-00008-GAZI-267-A	A	Ball Valves DN50 & Smaller- Alternative	Materials	May 18, 2016	May 18, 2016	May 19, 2016	C
516	SUB-15-00008-GAZI-267-B	B	Ball Valves DN50 & Smaller- Alternative	Materials	June 5, 2016	June 5, 2016	June 7, 2016	A
517	SUB-15-00008-GAZI-268-A	A	Updated Safety Plan - April 2016	Updated SP	May 18, 2016	May 18, 2016	June 2, 2016	A
518	SUB-15-00008-NUS-269-A	A	AL Nuseirat Pipe Line Shop Drawing - PART III	Shop Drawings	May 18, 2016	May 18, 2016	June 5, 2016	C
519	SUB-15-00008-GAZI-270-A	A	Reservoir Roof Slab & Columns Form-work	Materials	May 19, 2016	May 19, 2016	May 24, 2016	B
520	SUB-15-00008-GAZI-270-B	B	Reservoir Roof Slab & Columns Form-work	Materials	June 5, 2016	June 5, 2016	June 7, 2016	E
521	SUB-15-00008-GAZI-271-A	A	DIS-RIO Panel (disinfection)- Electrical	Materials	May 22, 2016	May 22, 2016	May 30, 2016	C
522	SUB-15-00008-ATA-272-A	A	Al Atatrah Reservoir's thimbles Shop Drawings (Mechanical)	Shop Drawings	May 23, 2016	May 23, 2016	June 8, 2016	C
523	SUB-15-00008-ATA-272-B	B	Al Atatrah Reservoir's thimbles Shop Drawings (Mechanical)	Shop Drawings	June 9, 2016	June 9, 2016	June 13, 2016	A
524	SUB-15-00008-GAZI-273-A	A	Sealant for Expansion Joint for Reservoir & Retaining Wall- Alternative	Materials	May 26, 2016	May 26, 2016	June 2, 2016	C
525	SUB-15-00008-GAZI-274-A	A	Concrete Job Mix Design Class D1 (21 MPa)	Materials	May 29, 2016	May 29, 2016	June 5, 2016	C

No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
526	SUB-15-00008-GAZI-274-B	B	Concrete Job Mix Design Class D1 (21 MPa)	Materials	June 26, 2016	June 26, 2016		Under Review
527	SUB-15-00008-GAZI-275-A	A	SODIUM HYPOCRITES FEED CONTROL PANEL(RIO) Electrical Shop Drawing	Shop Drawings	May 29, 2016	May 29, 2016	May 30, 2016	C
528	SUB-15-00008-NUS-276-A	A	Electrical & Control Building Structural & Architectural Shop Drawing- Al Nuseirat	Shop Drawings	June 5, 2016	June 5, 2016	June 16, 2016	C
529	SUB-15-00008-NUS-276-B	B	Electrical & Control Building Structural & Architectural Shop Drawing- Al Nuseirat	Shop Drawings	June 19, 2016	June 19, 2016	June 23, 2016	A
530	SUB-15-00008-ATA-277-A	A	Electrical & Control Building Structural & Architectural Shop Drawing- Al Atatrah	Shop Drawings	June 5, 2016	June 5, 2016	June 16, 2016	C
531	SUB-15-00008-ATA-277-B	B	Electrical & Control Building Structural & Architectural Shop Drawing- Al Atatrah	Shop Drawings	June 19, 2016	June 19, 2016	June 23, 2016	A
532	SUB-15-00008-GAZI-278-A	A	Ultrasonic Level Transmitters	Materials	June 5, 2016	June 5, 2016	June 7, 2016	D
533	SUB-15-00008-GAZI-278-B	B	Ultrasonic Level Transmitters	Materials	June 29, 2016	June 29, 2016		Under Review
534	SUB-15-00008-GAZI-279-A	A	Expansion Joint – Stenflex	Materials	June 5, 2016	June 5, 2016	June 7, 2016	C
535	SUB-15-00008-GAZI-279-B	B	Expansion Joint – Stenflex	Materials	June 13, 2016	June 13, 2016	June 16, 2016	A
536	SUB-15-00008-ATA-280-A	A	Al Atatrah Pipe Line Shop Drawing	Shop Drawings	June 6, 2016	June 6, 2016	June 20, 2016	C
537	SUB-15-00008-GAZI-281-A	A	Updated Construction Risk Management Program (CRMP) – May 2016	Updated CRMP	June 7, 2016	June 7, 2016	June 13, 2016	C
538	SUB-15-00008-GAZI-282-A	A	Updated CPM Schedule Submittal May 31, 2016	Updated CPM	June 7, 2016	June 7, 2016	June 19, 2016	B
539	SUB-15-00008-GAZI-283-A	A	Night shift Working – Al Atatrah Project	Pre-Construction	June 8, 2016	June 8, 2016	June 13, 2016	A
~~540~~	~~SUB-15-00008-GAZI-284-A~~	~~A~~	~~Updated Construction Risk Management Program (CRMP) – June 2016~~	~~Updated CRMP~~	~~June 14, 2016~~	~~June 14, 2016~~	-	Retracted
541	SUB-15-00008-GAZI-285-A	A	Updated Environmental Monitoring & Mitigation Plan (May, 2016)	Updated EMMP	June 15, 2016	June 15, 2016	June 20, 2016	A
542	SUB-15-00008-GAZI-286-A	A	Epoxy Bonding Agent	Materials	June 19, 2016	June 19, 2016		Under Review

No.	Submittal Number	REV.	Submittal Description	Submittal Classification	Submit Date	Receive By B&V	Return To Morganti	Status
543	SUB-15-00008-GAZI-287-A	A	Operation and Maintenance Manuals for Equipment and System (Table of Content)	Materials	June 23, 2016	June 23, 2016		Under Review
544	SUB-15-00008-GAZI-288-A	A	PP-R Pipe for Disinfection Building	Materials	June 26, 2016	June 26, 2016		Under Review
545	SUB-15-00008-NUS-289-A	A	Nuseirat Reservoir's thimbles Shop Drawings (Mechanical)	Shop Drawings	June 26, 2016	June 26, 2016		Under Review
546	SUB-15-00008-GAZI-290-A	A	Precast Manhole 1.50×1.50 m - Shop Drawing	Shop Drawings	June 26, 2016	June 26, 2016		Under Review
547	SUB-15-00008-GAZI-291-A	A	Method Statement for Internal Epoxy Coating for Steel Pipes Inside Chambers	Materials	June 28, 2016	June 28, 2016		Under Review
548	SUB-15-00008-GAZI-292-A	A	Method Statement for Repairing Pipes Cement Mortar	Materials	June 28, 2016	June 28, 2016		Under Review
549	SUB-15-00008-GAZI-293-A	A	Harness Mechanical Coupling for Pump Discharge	Materials	June 28, 2016	June 28, 2016		Under Review
550	SUB-15-00008-GAZI-294-A	A	Heat Shrinkable Sleeves & Tapes for Pipes	Materials	June 28, 2016	June 28, 2016		Under Review
551	SUB-15-00008-GAZI-295-A	A	Reservoir Spools Formwork Shop Drawing & Calculation Sheets	Shop Drawings	June 29, 2016	June 29, 2016		Under Review

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

Annex G –
Request for Information Log

INFRASTRUCTURE NEEDS PROGRAM INPII
Construction of Gaza Reservoirs and Pumping Facilities
Contract No.: AID-294-I-00-12-00002
Task Order No.: AID-294-TO-15-00008

REQUEST FOR INFORMATION LOG

No.	RFI No.	Project	References	Description	Submitted Date	Receive By B&V	Contract Due Date	Response Date	Review Days	CMC Response
1	RFI-15-00008-GAZI-C-E-001	GAZI	Program Standard Design M-GR 41 & M-GR 42 Program Standard Details M-DT02 & S-DT05 Al Atatrah design drawings (G-107) Nuseirat design drawings (G-107)	Long delivery period for 160mm UPVC pipes (PN16) – Request to supply and install the reservoir drain (washout pipe) to UPVC pipes from the local Plassim manufacturers in either PN 12.5 UPVC with socket and Rubber Gasket joints (Meriam) or in PN16 pipes with solvent cement joints (Meriduire).	December 6, 2015	December 7, 2015	January 5, 2016	December 27, 2015	20	The subject line will experience minimum pressure while draining under the tank. Therefore; the Contractor's proposal to use PN12.5 (socket with rubber joints) pipe instead of PN16 (socket with rubber joints) pipe is accepted. Contractor to submit VOR accordingly,
2	RFI-15-00008-GAZI-C-E-002	GAZI	RFTOP-Section C, Description-Specifications-Statement of Work	Substitution New Jersey Barriers with steel mini guard	December 22, 2015	December 22, 2015	January 21, 2016	December 27, 2015	5	Contractor to submit site specific job hazard analysis and to specify exactly where the contractor plans to use steel mini guard in lieu of concrete.
3	RFI-15-00008-GAZI-C-E-003	GAZI	Program Standard Design Drawing No. M-GR43 Program Standard Design Drawing No. S-GR41 Program Standard Details Drawing No. S-DT06 Program Standard Details Drawing No. S-DT02	Perforated Pipes arrangement under Reservoir's Foundation at Al Atatrah & Nuseirat Reservoirs	December 22, 2015	December 22, 2015	January 21, 2016	January 13, 2016	22	Contractor to follow M-GR33 and M-GR23 for drain piping arrangements. No change is required
4	RFI-15-00008-GAZI.C-E-004	GAZI	Program Standard Specifications - Section 16050	Rigid PVC conduit - Schedule 40 at Al Atatrah & Nuseirat Reservoirs	January 24, 2016	January 24, 2016	February 23, 2016	January 31, 2016	7	The Contractor's proposal to use colored flexible PVC conduit Inside concrete for electrical works instead of specified - Scheduled 40- Rigid PVC conduit is accepted at no additional cost to the owner.

No.	RFI No.	Project	References	Description	Submitted Date	Receive By B&V	Contract Due Date	Response Date	Review Days	CMC Response
5	RFI-15-00008-GAZI.C-E-005	GAZI	Program Standard Design Drawing No. E-501	GFCI (Ground Fault Circuit Interrupter) Receptacles at Al Atatrah & Nuseirat Reservoirs	January 24, 2016	January 24, 2016	February 23, 2016	February 3, 2016	10	The contractor's proposal to use ELCB protection in distribution boards in lieu of the specified GFCI system is accepted at no additional cost to the owner as technically approved equal. Final acceptance is subject to the followings:1. Contractor shall utilize ELCB earth leakage protection system for all site panels.2. ELCB system shall protect all circuit connection within each panel with suitable load ratings selection.3. Each ELCB shall be connected to 6 circuits (maximum).4. Contractor shall submit an updated load schedule and material submittal.5. Contractor to submit VOR with (Zero Time/Cost Impact) accordingly.
6	RFI-15-00008-GAZI.C-E-006	GAZI	RFTOP-Section C, Description/Specifications/ Statement of Work - Section C.4 E/ Traffic Control	Substitution New Jersey Barriers with Steel Mini Guard – Supplementary Information	January 24, 2016	January 24, 2016	February 23, 2016	February 8, 2016	15	Contractor's proposal is acceptable with the following comments: 1. Contractor to provide sample for engineer review. 2. Steel mini guard may be utilized where site conditions permits and safety hazard is minimum. 3. Concrete barriers must be used at chambers. 4. Concrete barriers must be use<l at open excavations/ trenches if to be kept open. 5. Periodic maintenance should carried out when required (damaged steel mini guard shall not be used).
7	RFI-15-00008-GAZI.C-E-007	GAZI	B.O.Q item no. 4.3.6 and 5.3.6	Interior CMU Walls and inside face Veneer	February 7, 2016	February 7, 2016	March 8, 2016	February 22, 2016	15	Contractor to provide cost/ technical comparison to allow CMC to properly review and provide response.

No.	RFI No.	Project	References	Description	Submitted Date	Receive By B&V	Contract Due Date	Response Date	Review Days	CMC Response
8	RFI-15-00008-GAZI.C-E-008	GAZI	General Program Standard Designs S-GR41 & M-GR41Program standard Details M-DT07	Side Manway	February 7, 2016	February 7, 2016	March 8, 2016	February 15, 2016	8	Side access man way is required as part of the Contractor SO\V. Refer to Drawings S-GR41, M-GR41 (copy attached with highlights for case of reference) and to details M-904 and M-905 in drawing M-DT07 (copy attached). It will be ' paid under BOQ item 1.2.7.
9	RFI-15-00008-ATA.C-E-009	ATA	Program Standard Details S-RW02	Retaining Wall Height	February 11, 2016	February 11, 2016	March 12, 2016	March 10, 2016	28	Contractor to refer to the attached modified site layout and level (Sheet No. 01), retaining walls are modified accordingly as per attached (sheet No. 02.)
10	RFI-15-00008-ATA.C-E-010	ATA	Conformed Project Drawing: C-216	The Retaining Wall Foundation Interfere with Neighbor land	February 11, 2016	February 11, 2016	March 12, 2016	March 10, 2016	28	Contractor to refer to RFI-15-00008-ATA-C-E-009-Respoose, whereas type of walls was modified, accordingly, foundation limits remains within site boundary.
11	RFI-15-00008-GAZI.C-E-011	GAZI	General Program Standard Designs S-GR41 & M-GR41	Access Manway	February 21, 2016	February 21, 2016	March 22, 2016	February 24, 2016	3	Access man way is required as part of the Contractor SOW. Refer to Drawings S-GR41, M-GR41 and to details M-904 and M-905 in drawing M-DT07. It will be paid under BOQ item 1.2. 7". Access Manway are clearly spelled out in the contract drawings, and therefore, are part of the Scope of Work of the subject award In addition, please refer to Specifications section 01025, item 2.01, paragraph b, which reads: "The :items which are included in the Drawing, Specifications, or other Contract Documents but not found in the BOQ shall be deemed as having been included in other unit prices of the BOQ" See attached USAID determination.

No.	RFI No.	Project	References	Description	Submitted Date	Receive By B&V	Contract Due Date	Response Date	Review Days	CMC Response
12	RFI-15-00008-GAZI.C-E-012	GAZI	Bill of Quantity Item 2.1,3,4.1 Program standard Details M-DT07	PVC Pipes and Fittings Spare Quantities	February 21, 2016	February 21, 2016	March 22, 2016	February 29, 2016	8	Contractor to refer to attached list. Contractor to submit VOR accordingly, Final acceptance is subject to VOR acceptance by USAID.
13	RFI-15-00008-NUS.C-E-013	NUS	NUSEIRAT CONFORMED DRAWINGS.C-234	An Alternative route for distribution pipeline ND3 at Nuseirat project	March 1, 2016	March 1, 2016	March 31, 2016	March 10, 2016	9	*Contractor to provide CMWU/PWA change request in writing. *We are not aware of any new post award conditions that warrant such change request. *Based on the above, we are not .in a position, to accept such request.
14	RFI-15-00008-GAZI.C-E-014	GAZI	Supplemental Specification Section 11910 para 2-2-2.c	Generator Set Displacement	March 1, 2016	March 1, 2016	March 31, 2016	March 7, 2016	6	The proposed Gen. Set is meeting the performance requirements. The proposed displacement values are acceptable and will not affect the Gen. set performance. This response is limited to displacement values and all other remaining requirements such as construction materials and spare parts should be provided as specified.
15	RFI-15-00008-NUS.C-E-015	NUS	NUSEIRAT CONFORMED DRAWINGS: C242, C243, C244, C249, C-250 & C251	An Alternative route for distribution pipeline ND4 & Supply Line NS1 at Nuseirat project	March 1, 2016	March 1, 2016	March 31, 2016	March 10, 2016	9	*Contractor to provide CMWU /PWA change request in writing. *We are not aware of any new post award conditions that warrant such change request. *Based on the above, we are not in a position to accept such request.
16	RFI-15-00008-GAZI-C-E-016	GAZI	SUB-15-00008-GAZI-059-A ((Specification: Section 13563 Paragraph (2-2.02.01 & 2-2.02.02))	Flowmeters construction material	March 31, 2016	March 31, 2016	April 30, 2016	April 11, 2016	11	Contractor to provide as specified

No.	RFI No.	Project	References	Description	Submitted Date	Receive By B&V	Contract Due Date	Response Date	Review Days	CMC Response
17	RFI-15-00008-GAZI-C-E-017	GAZI	SUB-15-00008-GAZI-078-B Response SUB-15-00008-GAZI-128-C Response Specification: Standard Specifications Section 16721, Drawings: E-511, E-501, E-DIS1, E-GH02	Fire Alarm System	April 3, 2016	April 3, 2016	May 3, 2016	April 12, 2016	9	Contractor to provide fire alarm system at the guard house, disinfection building and electrical and control building as specified in the technical specifications 16721 para 3-1.01.
18	RFI-15-00008-GAZI-C-E-018	GAZI	Supplementary Specification Section 11910 para 2-4.03	Generator Fuel System	April 24, 2016	April 24, 2016	May 24, 2016	April 27, 2016	3	Contractor proposal to provide an integrated external fuel storage is not accepted, Contractor to provide as specified. The cut sheets provided to the contractor were for clarity purposes to allow understanding of the design intent for the tank type/ style and they are not related to the project.
19	RFI-15-00008-NUS-C-E-019	NUS	Drawing C-220 Nuseirat Conformed Drawings	Soil Replacement under Nuseirat Reservoir	May 8, 2016	May 8, 2016	June 7, 2016	May 11, 2016	3	The proposed backfilling material is technically accepted. Moreover, the Gaza available sand material per "TEST-15-00009-BER-009-A" submitted under TO # 15-0009 GAZII is technically accepted as well. VOR to be submitted to obtain CO approval based on USAID directions.
20	RFI-15-00008-NUS-C-E-020	NUS	Conformed BOQ, item 1.1.1 TEST-15-00008-NUS-034-A	Excavation under Nuseirat Reservoir	May 15, 2016	May 15, 2016	June 14, 2016	May 16, 2016	1	Contractor to submit VOR to capture additional quantities of excavation works under reservoir site.
21	RFI-15-00008-NUS-C-E-021	NUS	Conformed BOQ, item 6.3.1 SUB-15-00008-NUS-052-E	Coordinate VFDs with the Generator set	May 30, 2016	May 30, 2016	June 29, 2016	June 9, 2016	10	The increase of Generator capacity to 400KW is hereby concurred. Contractor to submit VOR.

No.	RFI No.	Project	References	Description	Submitted Date	Receive By B&V	Contract Due Date	Response Date	Review Days	CMC Response
22	RFI-15-00008-GAZI-C-E-022	GAZI	Program Standard Design: C-217, M-001	Use steel pipes above the ground level instead of DI pipes	June 5, 2016	June 5, 2016	July 5, 2016	June 22, 2016	17	Accepted. VOR to be submitted to allow for CO approval.
23	RFI-15-00008-ATA-C-E-023	ATA	Program Project Drawing No. C-216 Program Standard Details Drawing No. C-DT11 & C-DT12 BOQ Item 8.1.10.1	Exterior gate at Al Atatrah project	June 28, 2016	June 28, 2016	July 28, 2016			Under Review
24	RFI-15-00008-NUS-C-E-024	NUS	Program Project Drawing No. C-216 Program Standard Details Drawing No. C-DT11 & C-DT12 BOQ Item 8.1.10.1	Exterior gate at Nuseirat project	June 28, 2016	June 28, 2016	July 28, 2016			Under Review

Date: June 30, 2016

Annex H - Geo-MIS Data

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: GAZI (Al Atatrah)
TEMPORARY JOB DAYS REPORT
Gaza - Construction of Reservoirs and Pumping Facilities Package I

Period **From:** **June 1, 2016** **To:** **June 30, 2016**
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											
	Task Order Manager	SAK - Construction Manager	Quality Control Manager	Safety & Environmental Compliance Officer	Project Engineer	Project Control Engineer	Site Engineer	Electrical Engineer	Mechanical Engineer	Office Engineer (F)	Foreman	Skilled Labor	Operator	Flagman	Unskilled Labor	Surveyor	SAK - Safety & Environmental Compliance Officer	Driver	Office Boy	Guard	Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female
June 1, 2016	4	4	4	4	8	4	8	4	4	8	8	120	8	0	32	4	8	0	16	44	2	4.5	17	4	9	35.5	1
June 2, 2016	4	4	4	4	10	4	10	4	4	8	10	150	18	0	40	4	10	0	18	44	2	5	22.25	5	9.5	42.75	1
June 3, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	0	0	0	0	6	6	0
June 4, 2016	4	4	4	4	10	4	10	4	4	8	10	150	0	0	40	4	10	0	20	44	2	5	20	5	9.75	40.75	1
June 5, 2016	4	4	4	4	10	4	10	4	4	8	10	200	8	0	40	4	10	0	20	44	2	5	27.25	5	9.75	48	1
June 6, 2016	4	4	4	4	8	4	8	4	4	8	8	160	4	0	32	4	8	0	16	44	2	4.5	21.5	4	9	40	1
June 7, 2016	4	4	4	4	7	4	7	4	4	8	7	140	4	0	28	4	7	0	14	43	2	4.25	18.875	3.5	8.5	36.125	1
June 8, 2016	4	4	4	4	7	4	7	4	4	8	7	140	4	0	28	4	7	0	14	43	2	4.25	18.875	3.5	8.5	36.125	1
June 9, 2016	4	4	4	4	7	4	7	4	4	8	7	140	0	0	28	4	7	0	14	43	2	4.25	18.375	3.5	8.5	35.625	1

DATE	Site Staff Job Days **																										
	Worker/Classification (Hours)																				Man-days*					Gender	
	Management				Engineers						Skilled labor			Unskilled labor		Other											
	Task Order Manager	SAK - Construction Manager	Quality Control Manager	Safety & Environmental Compliance Officer	Project Engineer	Project Control Engineer	Site Engineer	Electrical Engineer	Mechanical Engineer	Office Engineer (F)	Foreman	Skilled Labor	Operator	Flagman	Unskilled Labor	Surveyor	SAK - Safety & Environmental Compliance Officer	Driver	Office Boy	Guard	Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female
June 10, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	0	0	0	0	6	6	0
June 11, 2016	4	4	4	4	7	4	7	4	4	8	7	49	4	0	28	4	7	7	14	43	2	4.25	7.5	3.5	9.375	25.625	1
June 12, 2016	4	4	4	4	7	4	7	4	4	8	7	49	8	0	28	4	7	0	14	43	2	4.25	8	3.5	8.5	25.25	1
June 13, 2016	4	4	4	4	7	4	7	4	4	8	7	49	8	0	28	4	7	0	14	43	2	4.25	8	3.5	8.5	25.25	1
June 14, 2016	4	4	4	4	7	4	7	4	4	8	7	49	11	0	28	4	7	0	14	43	2	4.25	8.375	3.5	8.5	25.625	1
June 15, 2016	4	4	4	4	7	4	7	4	4	8	7	49	4	0	28	4	7	7	14	43	2	4.25	7.5	3.5	9.375	25.625	1
June 16, 2016	4	4	4	4	7	4	7	4	4	8	7	49	15	0	28	4	7	0	14	43	2	4.25	8.875	3.5	8.5	26.125	1
June 17, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	0	0	0	0	6	6	0
June 18, 2016	4	4	4	4	7	4	7	4	4	8	7	49	15	0	28	4	7	0	14	43	2	4.25	8.875	3.5	8.5	26.125	1
June 19, 2016	4	4	4	4	7	4	7	4	4	8	7	49	11	0	28	4	7	0	14	43	2	4.25	8.375	3.5	8.5	25.625	1
June 20, 2016	4	4	4	4	7	4	7	4	4	8	7	49	15	0	28	4	7	0	14	43	2	4.25	8.875	3.5	8.5	26.125	1
June 21, 2016	4	4	4	4	7	4	7	4	4	8	0	0	0	0	0	4	7	7	14	43	2	4.25	0	0	9.375	14.625	1
June 22, 2016	4	4	4	4	7	4	7	4	4	8	0	0	0	0	0	4	7	0	14	43	2	4.25	0	0	8.5	13.75	1
June 23, 2016	4	4	4	4	7	4	7	4	4	8	0	0	0	0	0	4	7	0	14	43	2	4.25	0	0	8.5	13.75	1
June 24, 2016	0	4	0	4	4	0	0	0	0	0	4	28	12	0	16	0	4	0	0	36	1	0.5	5.5	2	5	14	0
June 25, 2016	4	4	4	4	7	4	7	4	4	8	7	49	14	0	28	4	7	0	14	43	2	4.25	8.75	3.5	8.5	26	1
June 26, 2016	4	4	4	4	7	4	7	4	4	8	7	49	21	0	28	4	7	0	14	43	2	4.25	9.625	3.5	8.5	26.875	1

DATE	Site Staff Job Days **																										
	Worker/Classification (Hours)																				Man-days*					Gender	
	Management				Engineers						Skilled labor			Unskilled labor		Other											
	Task Order Manager	SAK - Construction Manager	Quality Control Manager	Safety & Environmental Compliance Officer	Project Engineer	Project Control Engineer	Site Engineer	Electrical Engineer	Mechanical Engineer	Office Engineer (F)	Foreman	Skilled Labor	Operator	Flagman	Unskilled Labor	Surveyor	SAK - Safety & Environmental Compliance Officer	Driver	Office Boy	Guard	**Total Management**	**Total Engineers**	**Total Skilled**	**Total Unskilled**	**Total Other**	**Male**	**Female**
June 27, 2016	4	4	4	4	7	4	7	4	4	8	7	49	21	0	28	4	7	0	14	43	2	4.25	9.625	3.5	8.5	26.875	1
June 28, 2016	4	4	4	4	7	4	7	4	4	8	7	49	21	0	28	4	7	0	14	43	2	4.25	9.625	3.5	8.5	26.875	1
June 29, 2016	4	4	4	4	7	4	7	4	4	8	7	49	14	0	28	4	7	0	14	43	2	4.25	8.75	3.5	8.5	26	1
June 30, 2016	4	4	4	4	7	4	7	4	4	8	7	49	14	0	28	4	7	0	14	43	2	4.25	8.75	3.5	8.5	26	1
Total of Month	**104**	**108**	**104**	**108**	**197**	**104**	**193**	**104**	**104**	**208**	**176**	**1963**	**254**	**0**	**704**	**104**	**197**	**21**	**384**	**1303**	**53**	**113.8**	**299.1**	**88**	**251.1**	**779**	**26**

*** 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.**

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

Task Order Name: GAZI - Construction of Reservoirs and Pumping Facilities Package I **PERIOD FROM: October 26, 2015**
CONTRACTOR: The Morganti Group, Inc. **PERIOD TO: June 30, 2016**

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Segregation By Gender		Notes of Comments
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other			Male	Female	
October	2015	1.3	27.5	0.0	0.0	0.0	28.8	1.2	26.3	2.5	
November	2015	18.0	131.5	0.0	0.0	0.0	149.5	6.3	136.5	13.0	
December	2015	31.0	107.5	4.5	6.5	21.0	170.5	7.2	154.0	16.5	
January	2016	44.0	99.0	70.5	148.0	133.0	494.5	20.8	468.5	26.0	
February	2016	49.0	107.0	157.1	26.0	211.0	550.1	23.1	513.1	37.0	
March	2016	46	121	70	52	275	564.1	23.7	537.1	27.0	
April	2016	50.0	110.0	119.9	98.0	255.0	632.9	26.6	610.4	22.5	
May	2016	54.0	109.5	506.1	159.0	260.5	1089.1	45.8	1062.1	27.0	
June	2016	53.0	113.8	299.1	88.0	251.1	805.0	33.8	779	26	
July	2016										
August	2016										
September	2016										
Sub-total of FY 2016		346.0	926.8	1227.6	577.5	1406.6	4484.5	188.4	4287.0	197.5	
October	2016										
November	2016										
December	2016										
January	2017										
February	2017										
March	2017										
April	2017										
May	2017										
June	2017										
Sub-total of FY 2017		0	0	0	0	0	0	0	0	0	
Grand Total FY 16 & 17		346.0	926.8	1227.6	577.5	1406.6	4484.5	188.4	4287.0	197.5	

Note:
*** No of Full Time Equivalent (FTE) Jobs in the Month = Total Job Days / Avg. Days in the Month (23.8)**
**** This data collection sheet is for Palestinian staff only, experts and foreign employee shall not be included.**

Project 2 (NUS)

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

Period **From:** **June 1, 2016** **To:** **June 30, 2016**
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											
	Task Order Manager	SAK Construction Manager	Quality Control Manager	Safety & Environmental Compliance Officer	Project Engineer	Project Control Engineer	Site Engineer	Electrical Engineer	Mechanical Engineer	Office Engineer (F)	Foreman	Skilled Labor	Operator	Flagman	Unskilled Labor	Surveyor	SAK - Safety & Environmental Compliance Officer	Driver	Office Boy	Guard	Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female
June 1, 2016	4	4	4	4	8	4	0	4	4	8	8	16	24	0	32	4	7	8	8	24	2	3.5	6	4	6.375	20.875	1
June 2, 2016	4	4	4	4	10	4	0	4	4	8	10	10	32	0	30	4	10	0	10	24	2	3.75	6.5	3.75	6	21	1
June 3, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	3	3	0
June 4, 2016	4	4	4	4	10	4	0	4	4	8	10	0	1	0	30	4	10	0	10	24	2	3.75	1.375	3.75	6	15.875	1
June 5, 2016	4	4	4	4	10	4	0	4	4	8	10	20	2	0	30	4	10	0	10	24	2	3.75	4	3.75	6	18.5	1
June 6, 2016	4	4	4	4	8	4	0	4	4	8	8	0	0	0	24	4	8	0	8	24	2	3.5	1	3	5.5	14	1
June 7, 2016	4	4	4	4	7	4	0	4	4	8	7	0	0	0	21	4	7	0	7	24	2	3.375	0.875	2.625	5.25	13.125	1
June 8, 2016	4	4	4	4	7	4	7	4	4	8	7	14	3	0	28	4	7	0	7	24	2	4.25	3	3.5	5.25	17	1
June 9, 2016	4	4	4	4	7	4	7	4	4	8	7	14	0	0	42	4	7	0	7	24	2	4.25	2.625	5.25	5.25	18.375	1

DATE	Site Staff Job Days **																										
	Worker/Classification (Hours)																				Man-days*					Gender	
	Management				Engineers						Skilled labor			Unskilled labor		Other											
	Task Order Manager	SAK Construction Manager	Quality Control Manager	Safety & Environmental Compliance Officer	Project Engineer	Project Control Engineer	Site Engineer	Electrical Engineer	Mechanical Engineer	Office Engineer (F)	Foreman	Skilled Labor	Operator	Flagman	Unskilled Labor	Surveyor	SAK - Safety & Environmental Compliance Officer	Driver	Office Boy	Guard	Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female
June 10, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	3	3	0
June 11, 2016	4	4	4	4	7	4	7	4	4	8	7	21	15	0	98	4	7	0	7	24	2	4.25	5.375	12.25	5.25	28.125	1
June 12, 2016	4	4	4	4	7	4	7	4	4	8	7	14	4	0	49	4	7	7	7	24	2	4.25	3.125	6.125	6.125	20.625	1
June 13, 2016	4	4	4	4	7	4	7	4	4	8	7	49	8	0	14	4	7	0	7	24	2	4.25	8	1.75	5.25	20.25	1
June 14, 2016	4	4	4	4	7	4	7	4	4	8	7	98	6	0	42	4	7	0	7	24	2	4.25	13.875	5.25	5.25	29.625	1
June 15, 2016	4	4	4	4	7	4	7	4	4	8	7	14	6	0	42	4	7	0	7	24	2	4.25	3.375	5.25	5.25	19.125	1
June 16, 2016	4	4	4	4	7	4	0	4	4	8	7	56	14	0	21	4	7	0	7	24	2	3.375	9.625	2.625	5.25	21.875	1
June 17, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	3	3	0
June 18, 2016	4	4	4	4	7	4	0	4	4	8	7	91	20	0	42	4	7	0	7	24	2	3.375	14.75	5.25	5.25	29.625	1
June 19, 2016	4	4	4	4	7	4	0	4	4	8	7	56	9	0	21	4	7	0	7	24	2	3.375	9	2.625	5.25	21.25	1
June 20, 2016	4	4	4	4	7	4	0	4	4	8	7	56	0	0	21	4	7	7	7	24	2	3.375	7.875	2.625	6.125	21	1
June 21, 2016	4	4	4	4	7	4	7	4	4	8	7	70	26	0	28	4	7	0	7	24	2	4.25	12.875	3.5	5.25	26.875	1
June 22, 2016	4	4	4	4	7	4	0	4	4	8	7	42	16	0	98	4	7	0	7	24	2	3.375	8.125	12.25	5.25	30	1
June 23, 2016	4	4	4	4	7	4	0	4	4	8	7	133	20	0	63	4	7	0	7	24	2	3.375	20	7.875	5.25	37.5	1
June 24, 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	3	3	0
June 25, 2016	4	4	4	4	7	4	0	4	4	8	7	7	7	0	42	4	7	7	7	24	2	3.375	2.625	5.25	6.125	18.375	1
June 26, 2016	4	4	4	4	7	4	0	4	4	8	7	21	12	0	42	4	7	7	7	24	2	3.375	5	5.25	6.125	20.75	1

DATE	Site Staff Job Days **																										
	Worker/Classification (Hours)																				Man-days*					Gender	
	Management				Engineers						Skilled labor			Unskilled labor		Other											
	Task Order Manager	SAK - Construction Manager	Quality Control Manager	Safety & Environmental Compliance Officer	Project Engineer	Project Control Engineer	Site Engineer	Electrical Engineer	Mechanical Engineer	Office Engineer (F)	Foreman	Skilled Labor	Operator	Flagman	Unskilled Labor	Surveyor	SAK - Safety & Environmental Compliance Officer	Driver	Office Boy	Guard	Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	Male	Female
June 27, 2016	4	4	4	4	7	4	0	4	4	8	7	7	19	0	35	4	7	0	7	24	2	3.375	4.125	4.375	5.25	18.125	1
June 28, 2016	4	4	4	4	7	4	0	4	4	8	7	7	0	0	28	4	7	7	7	24	2	3.375	1.75	3.5	6.125	15.75	1
June 29, 2016	4	4	4	4	7	4	7	4	4	8	7	14	23	0	49	4	7	0	7	24	2	4.25	5.5	6.125	5.25	22.125	1
June 30, 2016	4	4	4	4	7	4	0	4	4	8	7	14	0	0	42	4	7	7	7	24	2	3.375	2.625	5.25	6.125	18.375	1
Total of Month	**104**	**104**	**104**	**104**	**193**	**104**	**63**	**104**	**104**	**208**	**193**	**844**	**267**	**0**	**1014**	**104**	**192**	**50**	**193**	**720**	**52**	**97**	**163**	**126.8**	**157.4**	**570.1**	**26**

*** 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.**

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

Task Order Name: GAZI - Construction of Reservoirs and Pumping Facilities Package I **PERIOD FROM: October 26, 2015**
CONTRACTOR: The Morganti Group, Inc. **PERIOD TO: June 30, 2016**

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Segregation By Gender		Notes of Comments
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other			Male	Female	
October	2015	1.3	27.5	0.0	0.0	0.0	28.8	1.2	26.3	2.5	
November	2015	18.0	131.5	0.0	0.0	0.0	149.5	6.3	136.5	13.0	
December	2015	31.0	107.5	58.5	47.0	29.5	273.5	11.49	257.0	16.5	
January	2016	43.5	87.5	12.5	41.0	90.0	274.5	11.53	249.5	25.0	
February	2016	49.0	89.0	23.5	53.0	137.0	351.5	14.77	314.5	37.0	
March	2016	45.8	101.0	4.9	34.0	121.0	306.6	12.88	279.6	27.0	
April	2016	50.0	85.0	48.8	78.0	145.0	406.8	17.1	384.3	22.5	
May	2016	54.0	100.3	94.3	166.8	167.4	582.6	24.5	555.6	27.0	
June	2016	52.0	97.0	163.0	126.8	157.4	596.1	25.0	570.1	26.0	
July	2016										
August	2016										
September	2016										
Sub-total of FY 2016		344.5	826.3	405.4	546.5	847.3	2969.9	124.8	2773.4	196.5	
October	2016										
November	2016										
December	2016										
January	2017										
February	2017										
March	2017										
April	2017										
May	2017										
June	2017										
Sub-total of FY 2017		0	0	0	0	0	0	0	0	0	
Grand Total FY 16 & 17		344.5	826.3	405.4	546.5	847.3	2969.9	124.8	2773.4	196.5	

Note:
*** No of Full Time Equivalent (FTE) Jobs in the Month = Total Job Days / Avg. Days in the Month (23.8)**
**** This data collection sheet is for Palestinian staff only, experts and foreign employee shall not be included.**

Annex I - Risk Register Log

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

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

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

Annex J – Site Memos 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

SITE MEMOS LOG_FROM CMC

No.	SM No.	Project	Description	Received Date	Type	Remark
1	SM-15-00008-NUS-E-C-001	NUS	Walkthrough for Nuseirat ND1 From Sta. 1+000 to Sta. 1+211, ND2 From Sta. 1+000 to Sta. 1+221, NS2 From Sta. 1+000 to Sta. 1+283 and NS3 From Sta. 1+000 to Sta. 1+123 Pipelines	March 15, 2016	Record of Joint Walkthrough	
2	SM-15-00008-NUS-E-C-002	NUS	Walkthrough for Nuseirat ND4 From Sta. 1+000 to Sta. 2+231 and NS1 From Sta. 1+000 to Sta. 2+916 pipelines	March 15, 2016	Record of Joint Walkthrough	
3	SM-15-00008-NUS-E-C-003	NUS	Walkthrough for Nuseirat ND3 From Sta. 1+000 to Sta. 2+297 Pipeline	March 15, 2016	Record of Joint Walkthrough	
4	SM-15-00008-ATA-E-C-004	ATA	AL Atatrah ID1 From Sta. 1+000 to Sta. 1+842 pipeline Walkthrough	March 16, 2016	Record of Joint Walkthrough	
5	SM-15-00008-ATA-E-C-005	ATA	AL Atatrah TS1 From Sta. 1+000 to Sta. 2+961 and ID2 From Sta. 1+000 to Sta. 1+943 pipelines Walkthrough	March 16, 2016	Record of Joint Walkthrough	
6	SM-15-00008-ATA-E-C-006	ATA	Walkthrough for Al Atatrah TS3 From Sta. 1+000 to Sta. 1+970 Pipeline	March 16, 2016	Record of Joint Walkthrough	
7	SM-15-00008-GAZI-E-C-007	GAZI	CCTV System functionality	March 29, 2016	Site Instruction	
8	SM-15-00008-NUS-E-C-008	NUS	Walkthrough for Nuseirat Supply and Distribution Pipelines	April 6, 2016	Record of Joint Walkthrough	
9	SM-15-00008-GAZI-E-C-009	GAZI	TMGI is requested to coordinate with USAID to connect USAID with the CCTV system at the construction sites.	April 12, 2016	Site Instruction	
10	SM-15-00008-ATA-E-C-010	ATA	Walkthrough For Al Atatrah Supply and Distribution Pipelines	April 19, 2016	Record of Joint Walkthrough	
11	SM-15-00008-GAZI-E-C-011	GAZI	Replace Pad-Mount Transformer by Pole Mount Transformer	May 8, 2016	Site Instruction	
12	SM-15-00008-GAZI-E-C-012	GAZI	Elimination of Reservoir Internal Coating	May 17, 2016	Site Instruction	
13	SM-15-00008-ATA-E-C-013	ATA	Third-Party Test Reports For Al Atatrah Project	May 29, 2016	Other	
14	SM-15-00008-NUS-E-C-014	NUS	Third-Party Test Reports For Nuseirat Project	May 29, 2016	Other	
15	SM-15-00008-ATA-E-C-015	ATA	Third-Party Test Reports For Al Atatrah Project	June 14, 2016	Other	
16	SM-15-00008-NUS-E-C-016	NUS	Third-Party Test Reports For Nuseirat Project.	June 14, 2016	Other	
17	SM-15-00008-ATA-E-C-017	ATA	Al Atatrah Reservoir Concrete Walls - Non Compliance Concrete Temperature	June 27, 2016	Record of Non Quality Compliance	

Annex K – QC Submittals 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

QC SUBMITTALS LOG

No.	Submittal Number	REV.	Project	Submittal Description	Submittal Classification	Submit Date	Contract Due Date	Response Date	Status
1	TEST-15-00008-NUS-001-A	A	NUS	Steel Rebar's Test Reports (Φ16 & Φ20)	Test	February 25, 2016	March 26, 2016	March 2, 2016	A
2	TEST-15-00008-GAZI-002-A	A	GAZI	Concrete Ready-Mix Design **28-Days** Concrete Compressive Strength Test Reports.	Test	March 10, 2016	April 9, 2016	March 24, 2016	C
3	TEST-15-00008-GAZI-002-B	B	GAZI	Concrete Ready-Mix Design **28-Days** Concrete Compressive Strength Test Reports.	Test	May 16, 2016	June 15, 2016	May 24, 2016	A
4	TEST-15-00008-ATA-003-A	A	ATA	Steel Rebar's Test Reports (Φ25)	Test	March 17, 2016	April 16, 2016	April 3, 2016	A
5	TEST-15-00008-ATA-004-A	A	ATA	Base course Material Trial Test (No.1) Results – Al Atatrah Stockpile.	Test	March 23, 2016	April 22, 2016	April 3, 2016	C
6	TEST-15-00008-NUS-005-A	A	NUS	Base course Material Trial Test (No.1) Results – Nuseirat Stockpile.	Test	March 23, 2016	April 22, 2016	April 3, 2016	C
7	TEST-15-00008-ATA-006-A	A	ATA	Base course Material Trial Test (No.2) Results – Al Atatrah Stockpile.	Test	March 23, 2016	April 22, 2016	April 3, 2016	C
8	TEST-15-00008-ATA-006-B	B	ATA	Base course Material Trial Test (No.2) Results – Al Atatrah Stockpile.	Test	March 31, 2016	April 30, 2016	4/14/2016	A
9	TEST-15-00008-NUS-007-A	A	NUS	Base course Material Trial Test (No.2) Results – Nuseirat Stockpile.	Test	March 23, 2016	April 22, 2016	April 3, 2016	C
10	~~TEST-15-00008-ATA-008-A~~	~~A~~	~~ATA~~	~~Soil field density & Compaction test for the reduced level at Al Atatrah retaining wall – From point 5 to 8.16m eastward and from point 5 to 8m southward, Section A1.7/SH-12~~	~~Test~~	~~March 31, 2016~~	~~April 30, 2016~~		~~Under Review~~
11	TEST-15-00008-ATA-009-A	A	ATA	Soil Classification/Report under reservoir location – Al Atatrah	Test	April 4, 2016	May 4, 2016	April 19, 2016	A
12	TEST-15-00008-ATA-010-A	A	ATA	Soil Classification/Report under retaining wall – Al Atatrah	Test	April 4, 2016	May 4, 2016	April 14, 2016	A
13	TEST-15-00008-NUS-011-A	A	NUS	Soil Classification/Report under Nuseirat retaining wall segment 3-4, step #3 & step #4	Test	April 4, 2016	May 4, 2016	April 14, 2016	A
14	TEST-15-00008-NUS-012-A	A	NUS	Soil Classification/Report under Nuseirat retaining wall (segment 3-4 step 1&2) & (segment 2-3)	Test	April 4, 2016	May 4, 2016	April 14, 2016	A
15	TEST-15-00008-NUS-013-A	A	NUS	Base course Material Trial Test (No.3) Results – Nuseirat Stockpile. Source: Enbi Ha Negev Ha Ma'arbi Ltd Company	Test	April 4, 2016	May 4, 2016	April 14, 2016	C

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16	TEST-15-00008-NUS-013-B	B	NUS	Base course Material Trial Test (No.3) Results – Nuseirat Stockpile. Source: Enbi Ha Negev Ha Ma'arbi Ltd Company	Test	April 21, 2016	May 21, 2016	April 24, 2016	A
17	TEST-15-00008-ATA-014-A	A	ATA	Soil field density & Compaction test for the reduced level at Al Atatrah retaining wall from point 5 to 8.16 m eastward and from point 5 to 8 m southward, Section A.1.7 /SH-12	Test	April 4, 2016	May 4, 2016	April 14, 2016	A
18	TEST-15-00008-NUS-015-A	A	NUS	Soil field density & Compaction test for subgrade under Nuseirat retaining wall – step No.2 & step No.3 – segment 3-4	Test	April 4, 2016	May 4, 2016	April 14, 2016	A
19	TEST-15-00008-ATA-016-A	A	ATA	Base course Material Trial Test (No.3) Results – Al Atatrah Stockpile. Source: Enbi Ha Negev Ha Ma'arbi Ltd Company.	Test	April 11, 2016	May 11, 2016	April 14, 2016	A
20	TEST-15-00008-ATA-017-A	A	ATA	Soil field density test for the reduced level at Al Atatrah retaining wall – segment (4-5) step No.4	Test	April 11, 2016	May 11, 2016	April 14, 2016	A
21	TEST-15-00008-ATA-018-A	A	ATA	Soil field density test for the reduced level at Al Atatrah retaining wall – segment (5-6) step No.2	Test	April 11, 2016	May 11, 2016	April 14, 2016	A
22	TEST-15-00008-ATA-019-A	A	ATA	Soil field density test for Base course under Al Atatrah retaining wall – segment (4-5) step No.4 & step No.5	Test	April 12, 2016	May 12, 2016	April 14, 2016	A
23	TEST-15-00008-ATA-020-A	A	ATA	Soil field density test for the reduced level at Al Atatrah retaining wall – segment (4-5) step No.3	Test	April 12, 2016	May 12, 2016	April 14, 2016	A
24	TEST-15-00008-GAZI-021-A	A	GAZI	Trial job mix test for concrete (30 MPa-Cylinder) conducted in Al Taawon batch plant (7-Days)	Test	April 14, 2016	May 14, 2016	April 20, 2016	C
25	TEST-15-00008-GAZI-021-B	B	GAZI	Trial job mix test for concrete (30 MPa-Cylinder) conducted in Al Taawon batch plant (7-Days)	Test	May 26, 2016	June 25, 2016	May 26, 2016	A
26	TEST-15-00008-ATA-022-A	A	ATA	Soil field density test for the reduced level at Al Atatrah retaining wall – segment (3-4) step No.2	Test	April 14, 2016	May 14, 2016	April 18, 2016	A
27	TEST-15-00008-ATA-023-A	A	ATA	Soil field density test for Base course under Al Atatrah retaining wall – segment (4-5) step No.3	Test	April 17, 2016	May 17, 2016	April 18, 2016	A
28	TEST-15-00008-NUS-024-A	A	NUS	Base course Material Trial Test (No.4) Results – Nuseirat Stockpile. Source: Enbi Ha Negev Ha Ma'arbi Ltd Company.	Test	April 17, 2016	May 17, 2016	April 24, 2016	A
29	TEST-15-00008-NUS-025-A	A	NUS	Soil field density & Compaction test for subgrade under Nuseirat retaining wall – Segment 2-3 (Step No. 1, 2, 3 & 4), Segment 3-4 (Step No.1) & Segment 4-5 (Step No.1)	Test	April 18, 2016	May 18, 2016	April 20, 2016	A
30	TEST-15-00008-NUS-026-A	A	NUS	Soil field density test for Base course under Nuseirat retaining wall – segment 3-4 (step No.1, 2 & 3) & segment 4-5 (step No.1)	Test	April 18, 2016	May 18, 2016	April 24, 2016	A

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31	TEST-15-00008-ATA-027-A	A	ATA	Soil field density test for the reduced level at Al Atatrah retaining wall – segment (5-6) step No.3	Test	April 18, 2016	May 18, 2016	April 20, 2016	A
32	TEST-15-00008-ATA-028-A	A	ATA	Soil field density test for the reduced level at Al Atatrah retaining wall – segment (2-3) step No.1	Test	April 20, 2016	May 20, 2016	April 20, 2016	A
33	TEST-15-00008-ATA-029-A	A	ATA	Soil field density test for Base course under Al Atatrah retaining wall – segment (3-4) step No.2	Test	April 21, 2016	May 21, 2016	April 24, 2016	A
34	TEST-15-00008-ATA-030-A	A	ATA	Soil field density test for Base course under Al Atatrah retaining wall – segment (5-6) step No.2	Test	April 21, 2016	May 21, 2016	April 24, 2016	A
35	TEST-15-00008-ATA-031-A	A	ATA	Soil field density test for the reduced level at Al Atatrah retaining wall – segment (5-6) step No.4	Test	April 21, 2016	May 21, 2016	April 24, 2016	A
36	TEST-15-00008-NUS-032-A	A	NUS	Soil field density test for Base course under Nuseirat retaining wall – Segment (2-3) Step No.2, Step No.3 & Step No.4	Test	April 24, 2016	May 24, 2016	April 24, 2016	A
37	TEST-15-00008-ATA-033-A	A	ATA	Soil field density test for Base course under Al Atatrah retaining wall – Segment (2-3) step No.1, Segment (5-6) Step No.3 & Step No.4	Test	April 25, 2016	May 25, 2016	April 25, 2016	A
38	TEST-15-00008-NUS-034-A	A	NUS	Soil Classification/Report under reservoir location – Nuseirat	Test	April 25, 2016	May 25, 2016	May 10, 2016	C
39	TEST-15-00008-GAZI-035-A	A	GAZI	Trial Mix 35MPa-Cylinder (Al Taawn Batch Plant) 7 Days Results	Test	May 2, 2016	June 1, 2016	May 10, 2016	C
40	TEST-15-00008-GAZI-035-B	B	GAZI	Trial Mix 35MPa-Cylinder (Al Taawn Batch Plant) 7 Days Results	Test	May 24, 2016	June 23, 2016	May 29, 2016	A
41	TEST-15-00008-NUS-036-A	A	NUS	7 Days Results for RW blinding Concrete segment (4-5) step 1, segment (2-3) step 2,3 & 4 & segment (3-4)- Nuseirat	Test	May 3, 2016	June 2, 2016	May 10, 2016	C
42	TEST-15-00008-NUS-036-B	B	NUS	7 Days Results for RW blinding Concrete Segment 2-3 Step 2,3,4, Segment 3-4 Step 1,2,3 & Segment 4-5 Step 1	Test	May 11, 2016	June 10, 2016	May 24, 2016	A
43	TEST-15-00008-ATA-037-A	A	ATA	7 Days Results for Lean Concrete (Blinding 100mm) Under Retaining Wall At Segment 2-3 Step No.1, Segment 3-4 Step No.2, Segment 4-5 Step No.3, Step No.4 & Step No.5 and at Segment 5-6 Step No.1, Step No.2, Step No.3 & Step No.4	Test	May 3, 2016	June 2, 2016	May 10, 2016	C
44	TEST-15-00008-ATA-037-B	B	ATA	7 Days Results for Lean Concrete (Blinding 100mm) Under Retaining Wall At Segment 2-3 Step No.1, Segment 3-4 Step No.2, Segment 4-5 Step No.3, Step No.4 & Step No.5 and at Segment 5-6 Step No.1, Step No.2, Step No.3 & Step No.4	Test	May 11, 2016	June 10, 2016	May 24, 2016	A
45	TEST-15-00008-ATA-038-A	A	ATA	Backfilling Material -Al Atatrah	Test	May 3, 2016	June 2, 2016	May 15, 2016	C
46	TEST-15-00008-ATA-038-B	B	ATA	Backfilling Material -Al Atatrah	Test	May 22, 2016	June 21, 2016	May 24, 2016	A

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47	TEST-15-00008-NUS-039-A	A	NUS	Base course Material Trial Test Results – Nuseirat Stockpile (transferred from Al Atatrah to Nuseirat) Source: Enbi Ha Negev Ha Ma'arbi Ltd Company.	Test	May 8, 2016	June 7, 2016	May 10, 2016	A
48	TEST-15-00008-NUS-040-A	A	NUS	Soil field density test for Base course under Nuseirat retaining wall – Segment (5-6) Step No.1 & Step No.2, and Segment (6-1) Step No.1	Test	May 8, 2016	June 7, 2016	May 11, 2016	A
49	TEST-15-00008-NUS-041-A	A	NUS	7 Days Results - Concrete 30 MPa Cylinder for Nuseirat RW Foundations at Segment 3-4 Step 1,2,3 and at Segment (4-5) Step 1	Test	May 8, 2016	June 7, 2016	May 24, 2016	A
50	TEST-15-00008-NUS-042-A	A	NUS	Soil field density & Compaction test for subgrade under Nuseirat retaining wall – Segment (5-6) Step No. 1 & Step No.2, And Segment (6-1) Step No.1	Test	May 8, 2016	June 7, 2016	May 11, 2016	A
51	TEST-15-00008-GAZI-043-A	A	GAZI	Calcareous sand stone (Kurkar) for soil improvement under reservoir	Test	May 8, 2016	June 7, 2016	May 24, 2016	A
52	TEST-15-00008-NUS-044-A	A	NUS	7 Days Results - Concrete 30 MPa Cylinder for Nuseirat RW Foundation at Segment 2-3 Step 2,3 & 4	Test	May 12, 2016	June 11, 2016	May 24, 2016	A
53	TEST-15-00008-ATA-045-A	A	ATA	7 Days Results for 30 MPa-Cylinder for Retaining wall foundation at segment 4-5 step 5 – Segment 5-6 Step 1	Test	May 12, 2016	June 11, 2016	May 24, 2016	A
54	TEST-15-00008-ATA-046-A	A	ATA	7 Days Results for 21 MPa-Cylinder for Encasement for pipe Under- Al Atatrah Reservoir	Test	May 12, 2016	June 11, 2016	May 24, 2016	A
55	TEST-15-00008-ATA-047-A	A	ATA	7 Days Results for 30 MPa-Cylinder for Retaining Wall Foundations at Segment 2-3 Step 1 & at Segment 3-4 Step 2	Test	May 12, 2016	June 11, 2016	May 24, 2016	C
56	TEST-15-00008-ATA-048-A	A	ATA	7 Days Results for 30 MPa-Cylinder for Retaining Wall Foundations at Segment 4-5 Step 3 &4 & At Segment 5-6 Step 2,3 &4	Test	May 12, 2016	June 11, 2016	May 24, 2016	A
57	TEST-15-00008-ATA-049-A	A	ATA	7 Days Results for 30 MPa-Cylinder Trial Mix – Al Hadetha Company for Ready Mix Concrete	Test	May 15, 2016	June 14, 2016	May 24, 2016	C
58	TEST-15-00008-ATA-049-B	B	ATA	7 Days Results for 30 MPa-Cylinder Trial Mix – Al Hadetha Company for Ready Mix Concrete	Test	May 24, 2016	June 23, 2016	May 26, 2016	A
59	TEST-15-00008-ATA-050-A	A	ATA	7 Days Results for 14 MPa-Cylinder for the lean concrete (blinding 100 mm) under Al Atatrah Reservoir	Test	May 15, 2016	June 14, 2016	May 24, 2016	A
60	~~TEST-15-00008-ATA-051-A~~	~~A~~	~~ATA~~	~~7 Days Results for 30 MPa-Cylinder for the Retaining wall foundation at Segment 2-3 Step No.1 & at Segment 3-4 Step No.2~~	~~Test~~	~~May 15, 2016~~	~~June 14, 2016~~	-	~~Under Review~~
61	TEST-15-00008-ATA-052-A	A	ATA	Steel Rebar's Test Reports For (Φ16, Φ20 & Φ25)	Test	May 15, 2016	June 14, 2016	May 24, 2016	C
62	TEST-15-00008-ATA-052-B	B	ATA	Steel Rebar's Test Reports For (Φ16, Φ20 & Φ25)	Test	May 25, 2016	June 24, 2016	May 25, 2016	A
63	TEST-15-00008-GAZI-053-A	A	GAZI	7 Days Results for 35 MPa-Cylinder Trial Mix – Al Hadetha Company for Ready Mix Concrete	Test	May 15, 2016	June 14, 2016	May 24, 2016	C

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64	TEST-15-00008-GAZI-053-B	B	GAZI	7 Days Results for 35 MPa-Cylinder Trial Mix – Al Hadetha Company for Ready Mix Concrete	Test	May 24, 2016	June 23, 2016	May 26, 2016	A
65	TEST-15-00008-GAZI-054-A	A	GAZI	7 Days Results for 14 MPa-Cylinder Trial Mix – Al Ta'won Company for Ready Mix Concrete	Test	May 18, 2016	June 17, 2016	May 24, 2016	A
66	~~TEST-15-00008-ATA-055-A~~	~~A~~	~~ATA~~	~~Backfilling Material (Al Atatrah Reservoir Location)~~	~~Test~~	~~May 18, 2016~~	~~June 17, 2016~~	-	~~Under Review~~
67	TEST-15-00008-NUS-056-A	A	NUS	Steel Rebar's Test Reports for (Φ16)	Test	May 18, 2016	June 17, 2016	May 24, 2016	C
68	TEST-15-00008-NUS-056-B	B	NUS	Steel Rebar's Test Reports for (Φ16)	Test	May 25, 2016	June 24, 2016	May 25, 2016	A
69	TEST-15-00008-ATA-057-A	A	ATA	Steel Rebar's Test Reports for (Φ 25) Report No. 160518/8	Test	May 19, 2016	June 18, 2016	May 24, 2016	A
70	TEST-15-00008-ATA-058-A	A	ATA	Steel Rebar's Test Reports for (Φ20 & Φ25) Report No. 160518/9	Test	May 19, 2016	June 18, 2016	May 24, 2016	A
71	TEST-15-00008-NUS-059-A	A	NUS	7 Days results for 30 MPa-Cylinder for Nuseirat R.W walls at Segment 3-4 Step No.2	Test	May 24, 2016	June 23, 2016	May 29, 2016	A
72	TEST-15-00008-NUS-060-A	A	NUS	7 Days results for 30 MPa-Cylinder for Nuseirat R.W walls at Segment 5-6 Step No.1 & Step No.2, And at Segment 6-1 Step No.1	Test	May 24, 2016	June 23, 2016	May 29, 2016	A
73	TEST-15-00008-GAZI-061-A	A	GAZI	Trial Mix 28MPa-Cylinder (Al Taawon Batch Plant)	Test	May 24, 2016	June 23, 2016	May 29, 2016	A
74	TEST-15-00008-NUS-062-A	A	NUS	7 Days results for 14 MPa-Cylinder for Lean Concrete (Blinding 100 mm) Under R.W Segment 5-6 Step 1&2, And Segment 6-1 Step 1	Test	May 24, 2016	June 23, 2016	May 29, 2016	A
75	TEST-15-00008-GAZI-063-A	A	GAZI	28 Days Results for 14 MPa-Cylinder Trial Mix – Al Ta'won Company for Ready Mix Concrete	Test	May 24, 2016	June 23, 2016	May 29, 2016	A
76	TEST-15-00008-NUS-064-A	A	NUS	28 Days Results for 30 MPa-Cylinder for Nuseirat R.W foundation at Segment 3-4 Step 1,2 & 3, And at Segment 4-5 Step 1	Test	May 29, 2016	June 28, 2016	May 31, 2016	A
77	TEST-15-00008-ATA-065-A	A	ATA	7 Days Results for 30 MPa-Cylinder for Al Atatrah R.W walls at Segment 2-3 Step 1, Segment 4-5 Step 3, And at Segment 5-6 Step 2&4	Test	May 29, 2016	June 28, 2016	May 31, 2016	A
78	TEST-15-00008-NUS-066-A	A	NUS	7 Days Results for 30 MPa-Cylinder for Nuseirat R.W walls at Segment 3-4 Step 1,2 & 3, And at Segment 2-3 Step 4	Test	May 29, 2016	June 28, 2016	May 31, 2016	A
79	TEST-15-00008-ATA-067-A	A	ATA	28 Days Results for 30 MPa-Cylinder for Al Atatrah R.W foundation at Segment 4-5 Step 5, And Segment 5-6 Step 1	Test	May 29, 2016	June 28, 2016	May 31, 2016	A
80	TEST-15-00008-ATA-068-A	A	ATA	7 Days Results for 35 MPa-Cylinder for Al Atatrah Reservoir foundation	Test	June 2, 2016	July 2, 2016	June 7, 2016	A
81	TEST-15-00008-NUS-069-A	A	NUS	Soil Classification/Verification Report for Soil Under Reservoir Location	Test	June 6, 2016	July 6, 2016	June 21, 2016	C

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82	TEST-15-00008-NUS-069-B	B	NUS	Soil Classification/Verification Report for Soil Under Reservoir Location	Test	June 21, 2016	July 21, 2016	June 22, 2016	A
83	TEST-15-00008-NUS-070-A	A	NUS	Backfilling Material – Calcareous Sands "Kurkar" (Nuseirat Reservoir Location)	Test	June 6, 2016	July 6, 2016	June 8, 2016	C
84	TEST-15-00008-NUS-070-B	B	NUS	Backfilling Material – Calcareous Sands "Kurkar" (Nuseirat Reservoir Location)	Test	June 8, 2016	July 8, 2016	June 8, 2016	A
85	TEST-15-00008-NUS-071-A	A	NUS	Soil field density & Compaction test for subgrade under Nuseirat retaining wall – Segment 2-3 Step No.1 & Segment 6-1 Step No.2	Test	June 6, 2016	July 6, 2016	June 7, 2016	A
86	TEST-15-00008-ATA-072-A	A	ATA	Soil Field Density Test for the backfilling around Al Atatrah retaining wall – Subgrade	Test	June 8, 2016	July 8, 2016	June 21, 2016	A
87	TEST-15-00008-ATA-073-A	A	ATA	28 Days Results for 21 MPa-Cylinder for Encasement for pipe Under- Al Atatrah Reservoir	Test	June 8, 2016	July 8, 2016	June 8, 2016	A
88	TEST-15-00008-ATA-074-A	A	ATA	Soil Field Density Test for the backfilling around Al Atatrah retaining wall – First & Second Layers	Test	June 8, 2016	July 8, 2016	June 21, 2016	A
89	TEST-15-00008-ATA-075-A	A	ATA	28 Days Results for 30 MPa-Cylinder for Retaining Wall Foundations at Segment 4-5 Step 3 &4 & At Segment 5-6 Step 2,3 &4	Test	June 12, 2016	July 12, 2016	June 13, 2016	A
90	TEST-15-00008-ATA-076-A	A	ATA	28 Days Results for 30 MPa-Cylinder Trial Mix – Al Hadetha Company for Ready Mix Concrete	Test	June 12, 2016	July 12, 2016	June 13, 2016	A
91	TEST-15-00008-ATA-077-A	A	ATA	28 Days Results for 14 MPa-Cylinder for the lean concrete (blinding 100 mm) under Al Atatrah Reservoir	Test	June 12, 2016	July 12, 2016	June 13, 2016	A
92	TEST-15-00008-GAZI-078-A	A	GAZI	28 Days Results for 35 MPa-Cylinder Trial Mix – Al Hadetha Company for Ready Mix Concrete	Test	June 12, 2016	July 12, 2016	June 13, 2016	A
93	TEST-15-00008-ATA-079-A	A	ATA	7 Days Results for 30 MPa-Cylinder For R.W Walls at Segment 4-5 Step 5, Segment 5-6 Step 3 & at Segment 3-4 Step 2	Test	June 12, 2016	July 12, 2016	June 14, 2016	A
94	TEST-15-00008-ATA-080-A	A	ATA	7 Days Results for 30 MPa-Cylinder For R.W Walls at Segment 5-6 Step 1 & at Segment 4-5 Step 4	Test	June 12, 2016	July 12, 2016	June 14, 2016	A
95	TEST-15-00008-ATA-081-A	A	ATA	28 Days Results for 30 MPa-Cylinder for Retaining Wall Foundations at Segment 2-3 Step 1 & at Segment 3-4 Step 2	Test	June 12, 2016	July 12, 2016	June 22, 2016	C
96	TEST-15-00008-NUS-082-A	A	NUS	28 Days Results for 35MPa-Cylinder Trial Mix (Al Taawn Batch Plant)	Test	June 13, 2016	July 13, 2016	June 21, 2016	C
97	TEST-15-00008-NUS-082-B	B	NUS	28 Days Results for 35MPa-Cylinder Trial Mix (Al Taawn Batch Plant)	Test	June 21, 2016	June 22, 2016	June 22, 2016	A
98	TEST-15-00008-NUS-083-A	A	NUS	28 Days results for 14 MPa-Cylinder for Lean Concrete (Blinding 100 mm) Under R.W Segment 5-6 Step 1&2, And Segment 6-1 Step 1	Test	June 13, 2016	July 13, 2016	June 14, 2016	A

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99	TEST-15-00008-NUS-084-A	A	NUS	7 Days results for 30 MPa-Cylinder for R.W foundation at Segment 5-6 Step 1&2, And at Segment 6-1 Step 1	Test	June 13, 2016	July 13, 2016	June 15, 2016	A
100	TEST-15-00008-NUS-085-A	A	NUS	28 Days results for 30 MPa-Cylinder for R.W foundation at Segment 5-6 Step 1&2, And at Segment 6-1 Step 1	Test	June 13, 2016	July 13, 2016	June 15, 2016	A
101	TEST-15-00008-NUS-086-A	A	NUS	Base course Material Trial Test (No.5) Results – Nuseirat Stockpile. Source: Enbi Ha Negev Ha Ma'arbi Ltd Company	Test	June 13, 2016	July 13, 2016	June 14, 2016	A
102	TEST-15-00008-GAZI-087-A	A	GAZI	Trial job mix test for concrete (30 MPa-Cylinder) conducted in Al Taawon batch plant (28-Days)	Test	June 13, 2016	July 13, 2016	June 15, 2016	A
103	TEST-15-00008-NUS-088-A	A	NUS	28 Days Results - Concrete 30 MPa Cylinder for Nuseirat RW Foundation at Segment 2-3 Step 2,3 & 4	Test	June 13, 2016	July 13, 2016	June 15, 2016	A
104	TEST-15-00008-NUS-089-A	A	NUS	Soil field density & Compaction test for subgrade under Nuseirat retaining wall – Segment 2-3 Step No.1 & Segment 6-1 Step No.2	Test	June 13, 2016	July 13, 2016	June 15, 2016	A
105	TEST-15-00008-NUS-090-A	A	NUS	Soil field density for Base course under Nuseirat retaining wall – Segment 2-3 Step No.1 & Segment 6-1 Step No.2	Test	June 13, 2016	July 13, 2016	June 15, 2016	A
106	TEST-15-00008-ATA-091-A	A	ATA	Soil Field Density Test for the backfilling around the internal side of Al Atatrah retaining wall at Segment 4-5 Step 3, And Segment 5-6 Step 1&2 – 3rd Layers	Test	June 13, 2016	July 13, 2016	June 21, 2016	A
107	TEST-15-00008-NUS-092-A	A	NUS	28 Days Results for RW blinding Concrete Segment 2-3 Step 2,3,4, Segment 3-4 Step 1,2,3 & Segment 4-5 Step 1	Test	June 13, 2016	July 13, 2016	June 14, 2016	A
108	TEST-15-00008-NUS-093-A	A	NUS	Soil Field Density Test for the First Layer of Filling Materials Under Nuseirat Reservoir	Test	June 13, 2016	July 13, 2016	June 20, 2016	A
109	TEST-15-00008-NUS-094-A	A	NUS	7 Days results for 30 MPa-Cylinder for R.W wall at Segment 4-5 Step No.2/1, And at Segment 6-5 Step 2/1	Test	June 14, 2016	July 14, 2016	June 15, 2016	A
110	TEST-15-00008-NUS-095-A	A	NUS	7 Days results for 30 MPa-Cylinder for R.W wall at Segment 4-5 Step No.1/1, And at Segment 6-5 Step 1/1 & Step 2, And Segment 2-3 Step 3	Test	June 14, 2016	July 14, 2016	June 15, 2016	A
111	TEST-15-00008-NUS-096-A	A	NUS	Subgrade layer under Nuseirat Reservoir	Test	June 15, 2016	July 15, 2016	June 21, 2016	C
112	TEST-15-00008-NUS-096-B	B	NUS	Subgrade layer under Nuseirat Reservoir	Test	June 21, 2016	July 21, 2016	June 22, 2016	A
113	TEST-15-00008-NUS-097-A	A	NUS	Soil Field Density Test – for the Second Layer of Backfilling (Filling Materials) Under Nuseirat Reservoir	Test	June 15, 2016	July 15, 2016	June 20, 2016	A
114	TEST-15-00008-NUS-098-A	A	NUS	Soil Classification Report – Under Disinfection Building	Test	June 16, 2016	July 16, 2016	June 28, 2016	A
115	TEST-15-00008-NUS-099-A	A	NUS	7 Days results for 14 MPa-Cylinder for Lean Concrete (Blinding 100 mm) Under R.W Segment 2-3 Step 1, And Segment 6-1 Step 2	Test	June 16, 2016	July 16, 2016	June 21, 2016	C

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116	TEST-15-00008-NUS-099-B	B	NUS	7 Days results for 14 MPa-Cylinder for Lean Concrete (Blinding 100 mm) Under R.W Segment 2-3 Step 1, And Segment 6-1 Step 2	Test	June 21, 2016	June 22, 2016	June 22, 2016	A
117	TEST-15-00008-NUS-100-A	A	NUS	Soil Field Density Test – for the Third Layer of Backfilling (Filling Materials) Under Nuseirat Reservoir	Test	June 16, 2016	July 16, 2016	June 20, 2016	A
118	TEST-15-00008-GAZI-101-A	A	GAZI	Trial Mix for Ready Mix Concrete 28 MPa-Cylinder – Al Taawon Batch Plant	Test	June 19, 2016	July 19, 2016	June 21, 2016	C
119	TEST-15-00008-GAZI-101-B	B	GAZI	Trial Mix for Ready Mix Concrete 28 MPa-Cylinder – Al Taawon Batch Plant	Test	June 21, 2016	July 21, 2016	June 22, 2016	A
120	TEST-15-00008-NUS-102-A	A	NUS	Soil Field Density Test – for the Fourth Layer of Backfilling (Filling Materials) Under Nuseirat Reservoir	Test	June 19, 2016	July 19, 2016	June 20, 2016	A
121	TEST-15-00008-NUS-103-A	A	NUS	Soil Field Density Test – for the Fifth Layer of Backfilling (Filling Materials) Under Nuseirat Reservoir	Test	June 19, 2016	July 19, 2016	June 22, 2016	A
122	TEST-15-00008-NUS-104-A	A	NUS	Soil field density & Compaction test for subgrade under Nuseirat retaining wall – Segment (2-3) Step No.1 & Segment (6-1) Step No.2	Test	June 19, 2016	July 19, 2016	June 20, 2016	A
123	TEST-15-00008-NUS-105-A	A	NUS	28 Days results for 30 MPa-Cylinder for Nuseirat R.W walls at Segment 3-4 Step No.2	Test	June 19, 2016	July 19, 2016	June 21, 2016	C
124	TEST-15-00008-NUS-105-B	B	NUS	28 Days results for 30 MPa-Cylinder for Nuseirat R.W walls at Segment 3-4 Step No.2	Test	June 21, 2016	June 22, 2016	June 22, 2016	A
125	TEST-15-00008-NUS-106-A	A	NUS	Soil Field Density for Subgrade Around External Side of Retaining Wall at Segment 2-3, Segment 3-4, Segment 4-5 & Segment 5-6	Test	June 19, 2016	July 19, 2016	June 20, 2016	A
126	TEST-15-00008-NUS-107-A	A	NUS	Soil Field Density for the First Layer of Backfilling Around External Side of Retaining Wall at Segment 2-3, Segment 3-4, Segment 4-5 & Segment 5-6	Test	June 19, 2016	July 19, 2016	June 21, 2016	C
127	TEST-15-00008-NUS-107-B	B	NUS	Soil Field Density for the First Layer of Backfilling Around External Side of Retaining Wall at Segment 2-3, Segment 3-4, Segment 4-5 & Segment 5-6	Test	June 21, 2016	July 21, 2016	June 22, 2016	A
128	TEST-15-00008-NUS-108-A	A	NUS	7 Days Results for 30 MPa- Cylinder for R.W foundation at Segment 6-1 Step 2 & at Segment 2-3 Step 1.	Test	June 21, 2016	July 21, 2016	June 21, 2016	A
129	TEST-15-00008-ATA-109-A	A	ATA	7 Days Results for 35 MPa- Cylinder for the Eastern Quarter of Reservoir wall up to 3.6m height	Test	June 21, 2016	July 21, 2016	June 21, 2016	A
130	TEST-15-00008-NUS-110-A	A	NUS	Steel Rebar's Test Reports For (Φ20 & Φ25) Report No. 160616/19	Test	June 22, 2016	July 22, 2016	June 26, 2016	A

No.	Submittal Number	REV.	Project	Submittal Description	Submittal Classification	Submit Date	Contract Due Date	Response Date	Status
131	TEST-15-00008-ATA-111-A	A	ATA	Soil Field Density for Backfilling around the internal side of R.W at Segment 4-5 step 5 the 6th layer, Segment 4-5 Step 4 the 4th layer, Segment 5-6 Step 1 the 6th layer & at Segment 5-6 Step 2 the 3rd layer	Test	June 22, 2016	July 22, 2016	June 28, 2016	A
132	TEST-15-00008-NUS-112-A	A	NUS	Soil Field Density Test – for the sixth Layer of Backfilling (Filling Materials) Under Nuseirat Reservoir	Test	June 22, 2016	July 22, 2016	June 26, 2016	A
133	TEST-15-00008-NUS-113-A	A	NUS	Soil Field Density Test – for the Seventh Layer of Backfilling (Filling Materials) Under Nuseirat Reservoir	Test	June 22, 2016	July 22, 2016	June 26, 2016	A
134	TEST-15-00008-NUS-114-A	A	NUS	Soil Field Density Test – for the Eighth Layer of Backfilling (Filling Materials) Under Nuseirat Reservoir	Test	June 22, 2016	July 22, 2016	June 26, 2016	A
135	TEST-15-00008-ATA-115-A	A	ATA	28 Days Results for 35 MPa-Cylinder for Al Atatrah Reservoir foundation	Test	June 22, 2016	July 22, 2016	June 27, 2016	C
136	TEST-15-00008-ATA-115-B	B	ATA	28 Days Results for 35 MPa-Cylinder for Al Atatrah Reservoir foundation	Test	June 28, 2016	July 28, 2016	June 30, 2016	A
137	TEST-15-00008-ATA-116-A	A	ATA	Soil Field Density for Backfilling around the internal side of R.W at Segment 4-5 step 4 the 6th layer, Segment 4-5 Step 5 the 8th layer, Segment 5-6 Step 1 the 8th layer & at Segment 5-6 Step 2 the 5th layer	Test	June 23, 2016	July 23, 2016	June 28, 2016	A
138	TEST-15-00008-ATA-117-A	A	ATA	Soil Field Density for Backfilling around the internal side of R.W at Segment 4-5 step 4 the 7th layer, Segment 4-5 Step 3 the 4th layer, Segment 4-5 Step 5 the 9th layer, Segment 5-6 Step 1 the 9th layer & at Segment 5-6 Step 2 the 6th layer.	Test	June 23, 2016	July 23, 2016	June 27, 2016	A
139	TEST-15-00008-NUS-118-A	A	NUS	28 Days results for 30 MPa-Cylinder for R.W wall at Segment 4-5 Step No.1/1, And at Segment 6-5 Step 1/1 & Step 2, And Segment 2-3 Step 3	Test	June 23, 2016	July 23, 2016	June 27, 2016	A
140	TEST-15-00008-NUS-119-A	A	NUS	Backfilling Material – Calcareous Sands "Kurkar" (Nuseirat Reservoir Location) – Sample No.2	Test	June 23, 2016	July 23, 2016	June 27, 2016	C
141	TEST-15-00008-ATA-120-A	A	ATA	Soil Field Density for backfilling around internal side of R.W at: •Segment 4-5 step 4 8th & 9th Layers, •Segment 4-5 Step 3 5th & 6th Layers •Segment 4-5 Step 5 10th & 11th Layers •Segment 5-6 Step 1 10th & 11th Layers •Segment 5-6 Step 2 7th & 8th Layers •Segment 5-6 Step 3 the 1st Layer	Test	June 26, 2016	July 26, 2016	June 27, 2016	A
142	TEST-15-00008-NUS-121-A	A	NUS	Soil Field Density for 2nd & 3rd layers of Backfilling soil (Sand) around the external side of R.W at Segment 3-4 & Segment 4-5	Test	June 26, 2016	July 26, 2016	June 27, 2016	A
143	TEST-15-00008-NUS-122-A	A	NUS	Soil Field Density for the last layer of Backfilling soil (Sand) around the external side of R.W at Segment 3-4 & Segment 4-5	Test	June 26, 2016	July 26, 2016	June 27, 2016	A

No.	Submittal Number	REV.	Project	Submittal Description	Submittal Classification	Submit Date	Contract Due Date	Response Date	Status
144	TEST-15-00008-NUS-123-A	A	NUS	Soil Field Density Test – for ninth and tenth Layers of Backfilling (Filling Materials) Under Nuseirat Reservoir	Test	June 26, 2016	July 26, 2016	June 27, 2016	**A**
145	TEST-15-00008-NUS-124-A	A	NUS	Soil Field Density Test – for Eleventh & Twelfth Layers of Backfilling (Filling Materials) Under Nuseirat Reservoir	Test	June 26, 2016	July 26, 2016	June 27, 2016	**A**
146	TEST-15-00008-NUS-125-A	A	NUS	7 Days Results for 30 MPa-Cylinder for R.W walls at Segment 2-3 Step 2 & at Segment 6-1 Step 1	Test	June 26, 2016	July 26, 2016	June 30, 2016	**A**
147	TEST-15-00008-ATA-126-A	A	ATA	28 Days Results for 30 MPa-Cylinder For R.W Walls at Segment 4-5 Step 5, Segment 5-6 Step 3 & at Segment 3-4 Step 2	Test	June 26, 2016	July 26, 2016	June 27, 2016	**A**
148	TEST-15-00008-NUS-127-A	A	NUS	28 Days results for 30 MPa-Cylinder for R.W wall at Segment 4-5 Step No.2/1, And at Segment 6-5 Step 2/1	Test	June 26, 2016	July 26, 2016	June 27, 2016	**A**
149	TEST-15-00008-ATA-128-A	A	ATA	Soil Field Density for the 3rd layer of backfilling around R.W at: Segment 3-4 Step No.2, segment 4-5 step 3, segment 4-5 step 5 & for the 2nd layer of backfilling around R.W at: segment 4-5 step No.4	Test	June 26, 2016	July 26, 2016	June 28, 2016	**A**
150	TEST-15-00008-ATA-129-A	A	ATA	Soil Field Density for Backfilling around the internal side of R.W at: Segment 2-3 step 1 the 1st layer, segment 3-4 step 2 the 1st layer, segment 4-5 step 3 the 1st layer, segment 4-5 step 4 the 1st layer, segment 4-5 step 5 the 1st & 2nd layers & at segment 5-6 step 1 the 1st & 2nd layers.	Test	June 28, 2016	July 28, 2016	June 30, 2016	**A**
151	TEST-15-00008-ATA-130-A	A	ATA	Soil Field Density for Backfilling around the internal side of R.W at: Segment 4-5 Step 3 the 8th & 9th layers, Segment 4-5 Step 4 the 11th & 12th layers, Segment 4-5 Step 5 the 13th & 14th layers, Segment 5-6 Step 1 the 13th & 14th layers, Segment 5-6 Step 2 the 10th & 11th layers & at Segment 5-6 Step 3 the 2nd & 3rd layers.	Test	June 28, 2016	July 28, 2016	June 30, 2016	**A**
152	TEST-15-00008-NUS-131-A	A	NUS	Backfilling Materials (Sand) – Nuseirat	Test	June 28, 2016	July 28, 2016		**Under Review**
153	TEST-15-00008-NUS-132-A	A	NUS	7 Days Results for 30 MPa-Cylinder for R.W walls at Segment 2-3 Step 1 & at Segment 6-1 Step 2	Test	June 28, 2016	July 28, 2016	June 30, 2016	**A**

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