



Task Order 00006 - Qabatiya Well, Pump Station and Conveyance System

Monthly Progress Report # 23

For the Month of April 2015

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Table of Contents

- 1. DASHBOARD - INTRODUCTION AND SUMMARY..... 1**
 - 1.1 Purpose and Background..... 1
 - 1.2 Objectives of Task Order 00006 1
 - 1.3 Work/Activity Status 1
 - 1.4 Key Information 2
- 2. PROJECT ADMINISTRATION 2**
 - 2.1. Submission of Most Recent Monthly Report..... 2
 - 2.2. Submission of Most Recent Invoices 2
 - 2.3. Staff Information 3
- 3. ACCOMPLISHMENTS..... 3**
 - 3.1. Accomplishments..... 3
 - 3.1.1. General, Overall and Project Wide..... 3
 - 3.1.2. Submittals for Task Order 00006..... 4
 - 3.2. Labor and Equipment 5
 - 3.2.1. Geo MIS 5
 - 3.2.2. Project Beneficiaries 6
 - 3.2.3. Equipment 6
 - 3.3. Meetings and Correspondence with USAID..... 6
 - 3.4. Meetings and Correspondence with CMC and Subcontractors..... 6
 - 3.5. Procurement/Subcontract Actions 6
 - 3.6. Quality Control..... 7
 - 3.7. Safety 7
 - 3.8. Public Relations..... 8
 - 3.9. Project Permitting & Security 9
- 4. SCHEDULE..... 9**
 - 4.1. Progress vs. Planned 9
- 5. OUTLOOK FOR NEXT REPORTING PERIOD..... 9**
 - 5.1. Planned Submission of Next Invoices 9
 - 5.2. Planned Activities Anticipated During May 2015 9
 - 5.3. Planned Staff Changes 9
 - 5.4. Planned Meetings and Correspondence with USAID..... 10
 - 5.5. Planned Meetings and Correspondence with CMC 10
 - 5.6. Planned Meetings and Correspondence with Others..... 10
- 6. ISSUES AND CONSTRAINTS 10**
 - 6.1. Administration 10
 - 6.2. Qabatiya Conveyance System :..... 10
 - 6.3. Qabatiya Well Site 10
 - 6.4. Others 10
- 7 APPENDIX..... 10**



List of Acronyms and Abbreviations

ANSI	American National Standards Institute
ASQ	American Society for Quality
AWWA	American Water Works Association
CMC	Construction Management Contractor
CQC	Contractor Quality Control
CSMP	Construction Safety and Health Management Plan
EPA	Environmental Protection Agency
EQA	Environmental Quality Authority
HSWA	Federal Hazardous and Solid Waste Amendments
HSE	Health Safety & Environmental
IADC	International Association of Drilling Contractors
ISEA	Industrial Safety Equipment Association
IQC	Indefinite Quantity Contract
ISO	International Organization for Standardization
MIC	Man in Charge
NCR	Non Conformance Report
NUC	Notice of Unsafe Conditions
OSHA	Occupational Safety and Health Administration
PA	Palestinian Authority
PWA	Palestinian Water Authority
PPE	Personal Protective Equipment
QCP	Quality Control Plan
QMS	Quality Management System
RCS	Radio Communication System
RFI	Request for Information
SCADA	Supervisory Control and Data Acquisition
TDY	Temporarily Deployed for a Year
USAID	United States Agency for International Development
WP	Work Plan
WBWD	West Bank Water Department
WEF	Water Environment Federation



1. DASHBOARD - INTRODUCTION AND SUMMARY

Monthly Report No.23 covers activities accomplished during the month of April 2015 and previews activities anticipated during the next month, May 2015.

1.1 Purpose and Background

The USAID West Bank and Gaza Infrastructure Needs Program II (INP II) is designed to support U.S. Government efforts with the peace process by improving Palestinian access to basic infrastructure and services throughout the West Bank, and if conditions and funding permit, in Gaza.

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

1.2 Objectives of Task Order 00006

The objective of this Task Order is to develop, rehabilitate and improve an existing well at Qabatiya and to install and equip that well with a new pump and appurtenant equipment. The Task Order also includes construction of a conveyance system that will connect the Qabatiya Well to Al-Zababdeh junction.

1.3 Work/Activity Status

The percent complete, Start and Finish information for each major component is shown on the following table.

Activity Name	Percent Complete	Planned Start Actual Start	Planned Finish Actual Finish
Preconstruction Coordination with PWA	100%	<u>14 May 2013</u> 14 May 2013	<u>18 June 2013</u> 18 June 2013
Mobilization	100%	<u>14 May 2013</u> 14 May 2013	<u>25 June 2013</u> 25 June 2013
Submittals	53%	<u>14 May 2013</u> 14 May 2013	<u>15 January 2016</u> TBD
Procurement and Delivery	6%	<u>26 August 2013</u> 26 August 2013	<u>24 December 2015</u> TBD
Construction Phase	14.48%	<u>19 June 2013</u> 19 June 2013	<u>31 January 2016</u> TBD
Post Construction Phase	0%	<u>15 January 2016</u> TBD	<u>3 February 2016</u> TBD



1.4 Key Information

Contract Number:	AID-294-I-00-12-00001
Task Order Number:	AID-294-TO-13-00006
Notice To Proceed:	14 May 2013
Project Original Duration:	550 Days
Project Original Completion Date:	14 November 2014
BOQ Item Original Amount:	\$6,858,760.00
Day Work Original Amount:	\$850,000.00
Contract Value:	\$ 7,708,760.00
Project Modified Duration:	996 Days
Project Modified Completion Date:	03 February 2016
BOQ Item Modified Amount:	\$ 10,705,504.02
Day Work Modified Amount:	\$ 4,490.98

2. PROJECT ADMINISTRATION

This Task Order is one of several task orders through which the USAID West Bank and Gaza Infrastructure Needs Program II (INP II) that is designed to improve Palestinian access to basic infrastructure and services throughout the West Bank. Some activities detailed in this report share a common base with the overall project or other Task Orders.

2.1. Submission of Most Recent Monthly Report

This document is the twenty-third in a series of Monthly Reports to be prepared by CDM Smith providing a summary of key project activities during consecutive monthly reporting periods.

2.2. Submission of Most Recent Invoices

The CDM Smith team is preparing invoice No. 9. The following table is a summary of the current invoice status.

New BOQ Amount	\$10,705,504.02
New Day Works	\$4,490.98
Amount Obligated	\$10,709,995.00
Variation Orders/ Modification Amount	\$3,846,744.02
Task Order Amount (BOQ +DW)	\$10,709,995.00
Most Recent Invoice	\$246,975.61
Invoiced to Date	\$1,715,711.99



2.3. Staff Information

At the end of this reporting period, 30th April 2015, 15 team members are working on the overall project and other Task Orders in the West Bank. Following are some key Task Order and support staff for the project:

Anthony Mirabella	VP and IQC Manager
Amy O’Connell	Civil Engineer/Contract Specialist
Kevin P. Connors	Senior Project Manager
Ghassan Thaher	Task Order Manager - Key Personnel
Abdel Rahman Bakeer	Safety and Environmental – Key Personnel
Talal Mahasin	QA/QC Manager – Key Personnel
Abed Ahmad	Office Assistant/CMC Office Al-Zababdeh
Yazan Meqbel	Project Engineer
Tamadour Abu AL Rub	Document Control Officer
Mousa Anbar	Finance and Administration Manager
Mohammad Bilbeisi	Finance Assistant Manager
Hiba Othman	Admin Assistant
Anas Abu Sneineh	Security and Logistic Manager
Murad Abu Nasrah	Office Assistant
Ali Odeh	Project Engineer (Scheduler and Controller)

The following specialty staff from CDM Smith is still supporting the project activities from CDM Smith home offices in USA and spent a significant time during the reporting period in the West Bank:

- Mr. Tony Mirabella who serves as IQC Manager for the overall project and is a Senior Vice President of CDM Smith. Mr. Mirabella communicates with the West Bank team on daily basis. Mr. Mirabella is following all work activities that take place at this project in communicating via emails and daily phone calls.
- Ms. Amy O’Connell Civil and Environmental Engineer of CDM Smith Mobilized to the West Bank to join CDM Smith team to support and expedite the engineering analysis and pricing the variation orders and helping in preparing the procurement documents for the project. Ms. O’Connell continued coordinating with West Bank Staff.
- Mr. Kevin P. Connors who serves as a Senior Project Manager is communicating with West Bank Team to be updated for ongoing progress of Qabatiya Project. Moreover, Mr. Connors is directly involved in finalizing and evaluating all variation orders and modification # 1 received for the project.
- An agreement was signed between CDM Smith and a local electro-mechanical office to support the team in electrical activities.

3. ACCOMPLISHMENTS

Following is a summary of significant meetings, correspondence and submittals within this reporting period.

3.1. Accomplishments

Following are key accomplishments for the reporting period.

3.1.1. General, Overall and Project Wide

During this reporting period the concrete surface preparation works for the internal and



external walls of the balance tank and the baffle walls are continued for both western and eastern compartments. The performed water tightness test at the western compartment of the balance tank failed. The construction works for the foundations of the living quarter and disinfection building are ready. The slab-on-grade for the living quarter is completed.

Along the conveyance system, the plan for the partial handing over was officially submitted for Engineer's review and returned back with action code C to be resubmitted for review and approval.

Construction submittals continued during this reporting period. Some of the main construction submittals during this reporting period are listed hereunder and included in the attached updated submittal log.

3.1.2. Submittals for Task Order 00006

A summary of significant submittals follows, however a table covering all submittals for the reporting period is included in the Appendix:

- Completion of the pre-construction submittals.
- Continue of the following construction submittals:
 - Booster pumps Manufactures and Material;
 - PRV for well Pump Discharge;
 - Flow control valve for the metering branch of Qabatiya Town;
 - pressure reducing Valve at booster pump discharge header;
 - Electrical shop drawing for Disinfection building;
 - Padmount Transformer Manufacturer Qualifications & Transformer Material Selection;
 - Method statement for fabrication and installation of HDPE pipes;
 - HDPE Siphon and coupler;
 - Heavy Duty clear PVC cement and Primer;
 - Manifolds for living Quarter plumbing;
 - security Doors' manufacturer qualifications and certificates;
 - Revised Mechanical shop drawing for septic -seepage system;
 - Updated Submittal Registry (up to 31 March 2015);
 - Updated risk management plan for March 2015;
 - Monthly update Environmental Monitoring and Mitigation plan for March 2015;
 - Revised Quality Control Plan;
 - Monthly QC\QA and Safety Plan updates for March 2015;
 - Profile and Certifications for the Manufacturer of painting materials;
 - Delivery ticket for the edge foundation of the living quarter;
 - As Built drawings for Qabatiya Conveyance system;
 - Mechanical Shop Drawings for Yard Piping at Qabatiya Pump Station,;
 - Xylem Gould WT Vertical Turbine Can Pumps;
 - Test report of steel reinforcement bars;
 - Detail of Wooden Doors for Living Quarter;
 - PN40 20mm Air vent;
 - Well Pump Column Pipes;
 - Hydro-pneumatic system control manufacturer qualification & material selection;
 - Test report concrete compressive strength (7days)for Edge foundation of living quarter Ref: M/1504/124);



- Manufacturers Certification and material sample for Terrazzo Tiles;
- Operation & Maintenance Manual Outline For Conveyance System.
- CMU Manufacturer's Certifications;
- Test report on concrete compressive strength for edge foundation and pit of the disinfection building (7-day result). Ref: M/1504/203;
- PRV for well pump discharge;

3.2. Labor and Equipment

3.2.1. Geo MIS

All Implementing Partners working for the West Bank and Gaza Mission track and record labor (work force) data relative to employment of Palestinian people. The Geo MIS system includes assignment of a job classification to each worker and summation of Job Days for each classification on the project. The following table includes the Geo MIS data recorded and submitted to the Mission relative to the reporting period.

Date	Management (Person day)	Engineers (Person day)	Skilled Labor (Person day)	Unskilled Labor (Person day)	Other (Person day)	Total (Person day)
May 2013	86.88	44.13	0.00	0.00	2.50	133.50
June 2013	125.25	50.88	3.63	0.00	0.00	179.75
July 2013	114.75	44.00	79.25	46.00	16.63	300.63
Aug 2013	93.38	72.63	0.00	22.00	0.00	188.00
Sep 2013	127.13	179.00	72.38	32.13	3.75	414.38
Oct. 2013	124.63	179.13	88.63	39.13	8.13	439.63
Nov.2013	101.25	172.63	49.13	36.50	0.00	359.50
Dec. 2013	109.00	164.38	139.25	67.13	0.00	479.75
Jan. 2014	105.13	174.25	205.00	166.88	7.88	659.13
Feb. 2014	102.63	190.00	193.00	211.63	42.13	739.38
March 2014	114.00	207.25	129.50	122.38	21.13	594.25
April 2014	115.50	233.13	78.38	79.13	0.00	506.13
May 2014	105.63	173.38	213.88	112.88	0.00	605.75
June 2014	107.00	150.38	151.13	117.50	6.00	532.00
July 2014	81.50	65.00	16.75	114.88	0.50	278.63
August 2014	112.25	101.50	131.25	215.63	4.13	565.75
Sept. 2014	107.13	78.63	207.88	93.75	4.13	491.50
Oct. 2014	84.38	60.50	186.13	185.75	0.00	516.13
Nov. 2014	109.63	59.25	194.38	183.50	9.38	556.13
Dec. 2014	127.63	52.88	195.38	122.50	3.38	501.75
Jan. 2015	94.88	95.13	145.50	67.25	4.13	406.88
Feb.2015	88.38	117.25	40.75	43.50	0.00	289.88
Mar.2015	89.50	159.50	31.38	87.63	9.50	377.50
April. 2015	92.25	152.00	36.13	70.63	13.75	364.75

The total cumulative generated Man-Days to date are 9996.63

Female employment generated to date is 484.



3.2.2. Project Beneficiaries

Total number of Beneficiaries is 81,951:

- Number of Male Beneficiaries 41,623 Male = 50.79%
- Number of Female Beneficiaries 40,328 Female = 49.21%
- Male Beneficiaries to Age 17 19,663 47.24%
- Female Beneficiaries to Age 17 19,051 47.24%
- Male Beneficiaries 18 to 25 6,568 15.78%
- Female Beneficiaries 18 to 25 6,364 15.78%
- Male Beneficiaries 26 and older 15,392 36.98%
- Female Beneficiaries 26 and older 14,913 36.98%

3.2.3. Equipment

Equipment List used during the reporting period is attached in the Appendix.

3.3. Meetings and Correspondence with USAID

- No CO meeting was scheduled for this period. A CO meeting is scheduled for May 07, 2015.

3.4. Meetings and Correspondence with CMC and Subcontractors

- Wednesday - 04/01/2015 – Technical Coordination meeting with BV in presence of ABC.
- Tuesday – 04/14/2015 - Technical coordination meeting with CDM Smith – USA office and BV via conference call in presence of ABC.
- Tuesday – 04/14/2015 – Coordination meeting with BV in presence of ABC.
- Wednesday – 04/15/2015 – Technical coordination meeting with ABC.
- Sunday – 04/19/2015 - Quality coordination meeting between BV's QA/QC Safety engineer and CDM Smith's QC/QA Manager.
- Tuesday – 04/21/2015 - Technical coordination meeting with CDM Smith – USA office and BV via conference call in presence of ABC.
- Thursday – 04/23/2015 – Biweekly meeting # 32 with BV was held at Engineer's Primary Field Office.
- Monday – 04/27/2015 – Field coordination meeting in the presence of ABC at Qabatiya Well Site and technical coordination meeting at Engineer's Primary Field Office..
- Tuesday – 04/28/2015 - Technical coordination meeting with CDM Smith – USA office and BV via conference call in presence of ABC.

3.5. Procurement/Subcontract Actions

- The subcontract that has been awarded to Site Group Company for the development of Qabatiya Well has kept open until the delivery of the Well Pump where Site Group shall be responsible for



fishing of the missing pump and the installation of the Well Pump upon delivery of the pump by the pump supplier. The second subcontract to Arab Brothers Contracting Co. for the installation of the conveyance system and construct all civil, mechanical and electrical works related to Qabatiya Well Site has been amended to include the VO's received from USAID.

- A subcontract has been awarded to MOREX 71 LTD. – Institute for Non-Destructive Testing to do all the required Radiographic testing for this project.
- Purchase Orders was issued for the well pumping system, the transformer and will be issued soon for the major electrical/ mechanical equipment after finalizing the required submittals and getting the required approvals.

3.6. Quality Control

The Quality Control Manager prepared updated monthly submittal register log and Quality Control Plan. He also worked with Subcontractors to review and prepare subcontractors' QC plans. Request for Information log is also prepared. Please see the attached updated logs.

During the reporting period the CDM Smith's Quality Control Manager made sure that all concrete delivered to the construction site is in full compliance with contract's documents and specifications. During this reporting period CDM Smith's QC/QA Manager coordinated a site visit by HC lab technician to collect the required concrete samples and perform the required tests for the concrete delivered to construct the edge foundations of both living quarters and disinfection building.

Moreover, the CDM Smith's Quality Control Manager coordinated and attended a meeting with BV's QC/QA safety engineer to discuss some submittals' and inspection requests procedures and make sure that the three-phase inspection is being successfully implemented..

3.7. Safety

Considering all activities that took place during this report period, the task order has not experienced any serious safety issues. CDM Smith as well as USAID and B&V objective is to implement a Health and Safety Program that will reduce the number of injuries, exposures, and illnesses to an absolute minimum. Our mutual goal is ZERO accidents, exposures, and injuries.

Despite of Qabatiya well site is a restricted area it has various construction activities such as excavation for buildings and implementation of electrical and mechanical utilities, therefore under this challenging condition CDM Smith and subcontractor have organized the site to comply with safety procedure and create safely work environment .

CDM smith's safety Engineer conducted Toolbox on April 27, 2015 explained to the new labors and the second tier subcontractor the important of wearing the PPE and How to do in emergency cases and the location of contact emergency numbers.

CDM Smith's safety engineer has confirmed to the labors the important of using proper tools to achieve the activities and how to deal with unexpected accidental occur.

Lesson Learned?

The prospect of getting into an accident is something no one likes to think about. From time to time again we hear our managers, supervisors or co-workers telling us to be careful, work safely and use personal protective equipment. Yet, do we really listen? We hear the words, but do we really believe we'll be the one who will have an accident?



There are those who take the safety message at work seriously, and those who do not. Safe work procedures have a purpose. Experience tells us that if we do things right, we'll complete our work correctly and safely. When personal protective equipment (PPE) is provided, this is also for good reason. PPE prevents or minimizes injury or illness to the user.

Sometimes accidents happen when you least expect them. The following provides this, along with a reminder that sometimes they do happen to us....

Lesson: CDM Smith and Subcontractor all the time reviewing the safety plan to the labors, training the new labors and check the tools, as well as masseurs for Qabatiya well project since the project has been extended and more utilities will be constructed. They continuously flowing up the housekeeping and provide the needed signs, PPE, safety tools and first aid for the site, moreover comfortable satire to balance tank roof slab has been constructed.

Lesson learned 1

Recognize the labors for safety procedure = minimizes injury or illness.

Lesson learned 2

Proper tools, wearing PPE to achieve the activities = prevents or minimizes injury or illness to the user.

Lesson learned 3

TIDY SITE = SAFE SITE

Lack of adherence with safety tool a/o equipment + Lack of housekeeping = Painful injuries.

Despite that conveyance system has been almost completed and the works are restricted at Qabatiya well site more safety awareness by supporting of subcontractor will be kept during of construction of the buildings activities (excavations, concrete casting, and confined space entry inside balancing tank). The followings will be checked on Daly basis:

- Housekeeping to be maintained all time.
- Toolbox meeting and training for new labors.
- Periodic check of safety tools and equipment.

CDM Smith safety Engineer as part of his job is always trying to make sure that the jobsite has the basic first-aid kit and that a procedure is in place to replace expended, used or outdated items. First-aid kits are available in all CDM Smith and CMC offices as well as project vehicles

3.8. Public Relations

CDM Smith continued the coordination and public relations activities during the reporting period. Coordination with both Azzababdeh and Qabatiya Municipalities is always on the highest level to resolve any issue and / or obstacle that might be encountered during the construction activities. Both Municipalities always show full cooperation and commitment to ease all obstacles and other project related issues (if any). The relocation of the existing system feeding Qabatiya at the well site was conducted in coordination with WBWD staff.



3.9. Project Permitting & Security

The location of the project in the north of the West Bank with parts of the project located in area C requires continuous coordination with civil administration to facilitate the mobility of CDM Smith and subcontractors' personnel and vehicles to the project site if checkpoints exist or if any activity needs coordination.

CDM Smith Logistics and Security Manager has regular coordination meetings with the coordination office in Beit El. CDM Smith Logistics and Security Manager is always ready to coordinate with the required authority, or with the civil administration to facilitate any difficulty that may face the project construction.

4. SCHEDULE

4.1. Progress vs. Planned

Updated CPM Schedule till end of April 2015 attached. Below is a summary for the project percentages of completion.

Performance % Complete =	19.4 %
Schedule % Complete=	22.36 %

5. OUTLOOK FOR NEXT REPORTING PERIOD

The following subsections provide information on anticipated activities through the next reporting period.

5.1. Planned Submission of Next Invoices

CDM Smith is planning to prepare Invoice No. 9 that is expected to be issued to CMC around end of May 2015. This invoice will cover the excavation works and reinforced concrete of the living quarter and disinfection building foundations, civil works for the septic tank and seepage pit and any other activity completed to the day of invoicing.

5.2. Planned Activities Anticipated During May 2015

The Following activities are anticipated to be submitted, constructed or implemented during May 2015:

- Start excavation and construction of the buildings other than the balance tank and the retaining walls.
- Continue submitting all required shop-drawings, submittals and requests to allow proceeding with the works at the well site.
- Continue conducting the water tightness test for the balancing tank.
- Starting installation of the metal works for the balancing tank.
- Continue working on Partial Handover Plan for Qabatiya Conveyance System to be resubmitted to CMC for approval.

5.3. Planned Staff Changes

The CDM Smith teams will actively searching for additional staff to serve in any area required to complete the project with the best quality and safe procedure. Any required position will be filled as needed and as



the overall workload increases. Various technical specialists will also work from other CDM Smith offices and/or work TDY in the West Bank as needed.

5.4. Planned Meetings and Correspondence with USAID

Monthly CO meeting is scheduled at 7th May, 2015.

5.5. Planned Meetings and Correspondence with CMC

Coordination meetings are scheduled for each Task Order every two weeks. Task Order 00006 meetings are expected every two weeks in each reporting period

5.6. Planned Meetings and Correspondence with Others

CDM Smith stands ready to meet with other stakeholders as needed.

6. ISSUES AND CONSTRAINTS

CDM Smith works to actively communicate potential problems to the CMC and USAID. The following subsections cover current and anticipated issues and constraints.

6.1. Administration

No Administrative Constraints were faced during the reporting period. The cooperation and the understanding of the project situation between the Contractor and the CMC allowed resolving all minor problems appeared during the reporting period.

6.2. Qabatiya Conveyance System :

No issues at this time.

6.3 Qabatiya Well Site:

Procurement of major (long lead) items. Performing construction activities on an operational well (minimize down time for the well).

6.4 Others

No other issues at this time.

7 APPENDIX

- Photos
- Meeting Minutes
- Submittals summary table
- Invoices log
- RFI Log
- Geo MIS logs
- Inspection Request Log



- Variation Order Log
- Equipment List
- Updated CPM Schedule

END OF REPORT

Task Order 00006 - Qabatiya Well, Pump Station and Conveyance

Appendix

Task Order 00006 Photos



HCL technician collecting samples of steel reinforcement bars 16mm , 01 April 2015



Formwork for the edge foundation of the living quarter , 02 April 2015



Third -party design engineer checking formwork of the edge foundation of the living quarter , 04 April 2015



Formwork and steel reinforcement for the edge foundations of both the living quarter and the disinfection building, 06 April 2015



Galvanized earthing metal strip welded with the steel reinforcement at the edge foundation of the living quarter, 08 April 2015



Installation of U-PVC electrical conduit pipes at the living quarter , 08 April 2015



Formwork, steel reinforcement and electrical piping at the living quarter, 09 April 2015



Installation of HDPE pipes for the sewage system of the living quarter, 09 April 2015



Casting concrete for the edge foundation of the living quarter, 13 April 2015



Applying approved damp-proofing material (Nitoproof 30) at the surfaces of edge foundation of the living quarter, 14 April 2015



CMC's Environmental Inspector visited Qabatiya Well Site , 14 April 2015



Concrete encasement for electrical pipes below the slab-on-grade of the living quarter , 15 April 2015



Installation of HDPE pipes and fitting for the sewage line of the living quarter by a qualified welder , 16 April 2015



Welded and fabricated HDPE pipes and fittings for the sewage line of the living quarter , 18 April 2015



U-PVC pipes delivered to Qabatiya Project, 19 April 2015



Welded and fabricated HDPE pipes and fittings for the sewage line of the living quarter , 20 April 2015



Casting concrete for the edge foundation of the disinfection building, 20 April 2015



HCL technician collecting concrete samples for the compressive test , 20 April 2015



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De-shuttering the formwork of the edge foundation of the disinfection building , 22 April 2015



Casting lean concrete at the AAUJ chamber as per CMC instructions, 23 April 2015



Installation of HDPE siphons for the sewage line below SOG of living quarter, 25 April 2015



Applying damp-proofing material for the edge foundation of the disinfection building , 25 April 2015



Preparations to cast concrete as an encasement for the sewage line below the SOG of living quarter, 26 April 2015



Safety toolbox meeting at Qabatiya Well Site, 27 April 2015



Formwork for the SOG and walls of the living quarter , 27April 2015



Mechanical parts inside Raba chamber, 28 April 2015



Casting concrete for the slab-on-grade of the living quarter, 30 April 2015



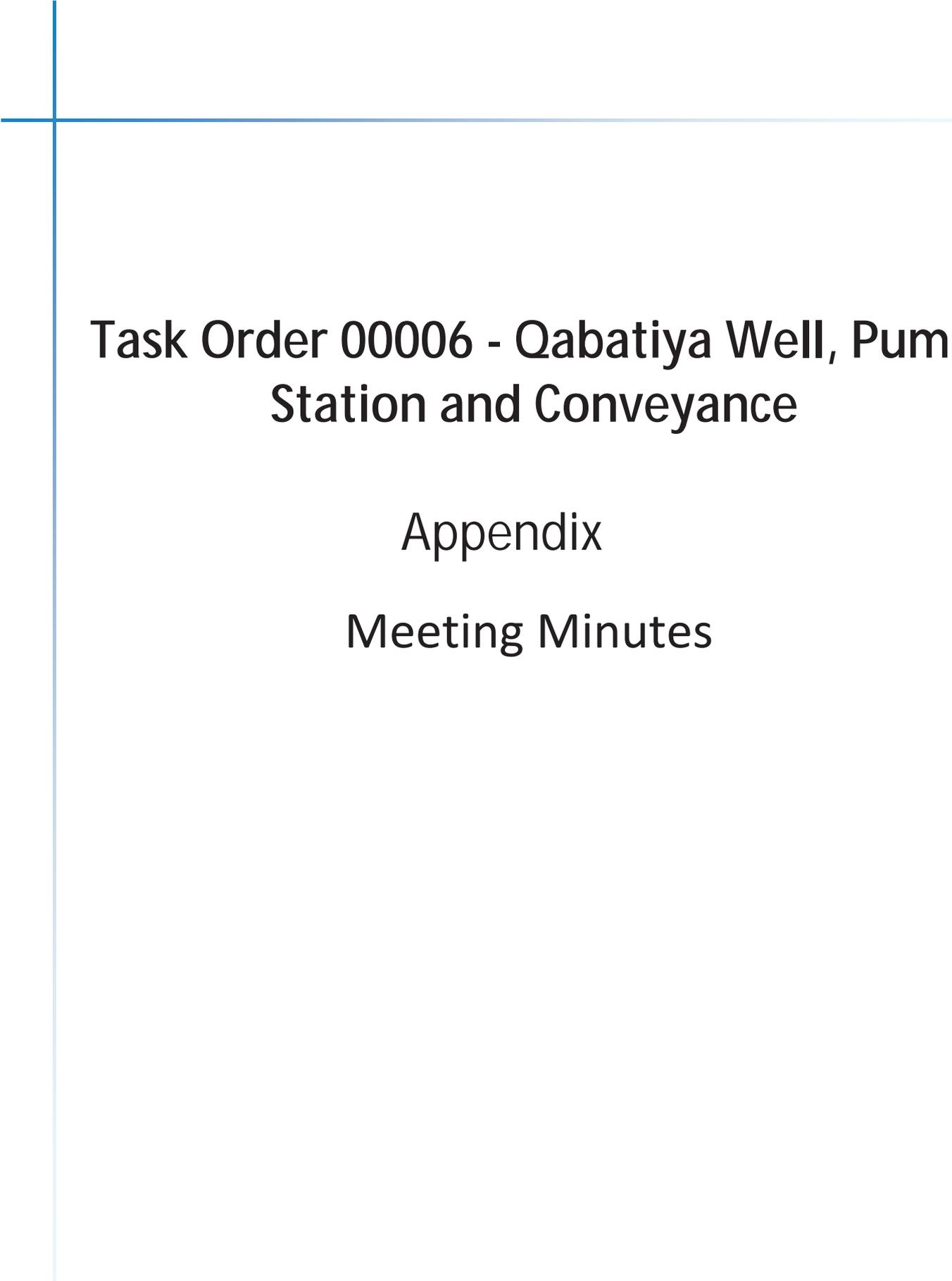
Using vibrator for concrete of the SOG of the living quarter, 30 April 2015



HCL technician collected concrete samples for the compression test, 30 April 2015



Concrete troweling for the Slab-on-grade of the living quarter, 30 April 2015



Task Order 00006 - Qabatiya Well, Pump Station and Conveyance

Appendix

Meeting Minutes



Meeting Minutes
Qabatiya Well Pump Station TO 13-00006
Bi-Weekly Progress Meeting #32

Date:

Thursday April 23, 2015

Timing:

12:00 PM – 01:30 PM

Location:

Primary Field Office
Al Zababida, Palestine

Attendees:

PWA/WBWD	USAID	Black and Veatch	CDM Smith and Subcontractors
--	--	Mr. Adnan Safi	Mr. Ghassan Thaher
		Mr. Abe Siag	Mr. Talal Mahasin
		Ms. Renee Saad	Mr. Abed Baker
		Mr. Mukhles Najajreh	Mr. Ali Odeh
		Mr. Murad Daoud	Mr. Yousef Alqam
		Ms. Lubna Haj Hamad	
		Mr. Tamer Assaf	

Notes Prepared by:

Mukhles Najajreh, Black & Veatch

Purpose:

Bi-weekly Progress Meeting for Qabatiya Well Pump Station and Conveyance System Project– TO 13-00006; aimed to review progress of work, discuss project issues and provide solutions where required.

We believe that these minutes accurately reflect what transpired at the meeting. Unless we are notified in writing to the contrary by 2 working days, the minutes will stand as written.

Abbreviation List:

AAUJ: Arab American University Jenin, **ASAP:** As Soon As Possible, **BV:** Black and Veatch, **CM:** Coordination Meeting, **CO:** Contracting Officer, **DCL:** District Coordination Liaison, **CDM:** Camp Dresser & McKee, **DJR:** Daily Joint Report. **INFO:** Information, **MOM:** Minutes of Meeting, **NCR:** Non Compliance Report, **PM:** Progress Meeting, **PWA:** Palestinian Water Authority, **QBW:** Qabatiya Well, **USAID:** United States Agency for International Development, **VOR:** Variation Order Request, **VO:** Variation Order, **WBWD:** West Bank Water Department,



1. Project Key Data:

- Notice of Award April 02, 2013
- Contract Signing April 02, 2013
- Notice to Proceed May 14, 2013
- Project Duration 550 Days
- Modified Project Duration 996 Days
- Project Planned Completion Date November 14, 2014
- Modified Completion Date February 03, 2016
- Project Elapsed Time 709 Days (71.18%)
- Project Planned Overall % of Completion NA
- Project Actual Overall % of Completion NA
- Total Float (Variance Duration) NA

2. Documents distributed at this meeting:

- Copy of Progress Meeting Agenda #32.
- Copy of Project Key Data.
- Two Weeks Look Ahead by CDM Smith.
- Equipment Procurement Schedule by CDM Smith.

3. Documents Attached:

- Progress Meeting Agenda #32.
- Attendees List.
- Two Weeks Look Ahead by CDM Smith.
- Equipment Procurement Schedule by CDM Smith.

4. Next Meeting is scheduled at 11:00 AM on Thursday, May 07, 2015 at Al Zababida, Palestine.



Items Discussed:

No.	Ref.	Description	Action By	Date
1	PM #01	<p><u>Safety.</u> 1.1 General Site Safety.</p> <p>BV advised that the current safety levels are acceptable. Furthermore; CDM Smith was reminded to maintain and follow up the housekeeping at site all the times in order to avoid work accidents.</p>	CDM Smith	All Times
	PM#29	<p>1.2 Dust Control.</p> <p>BV advised that a visit was conducted to Az-Zababdeh municipality to solve the issue of dust caused by unpaved sections above connection chambers.</p> <p>CDM Smith stated that pouring concrete -as a temporary remedy- has been accomplished to control the dust.</p>	Info	
	New	<p>1.3 Asbestos Deck.</p> <p>BV reminded CDM Smith to submit a plan for handling, dismantling and removal of the asbestos deck and emphasized on the importance of this issue as an environmental concern.</p>	CDM Smith	ASAP
2	PM #01	<p><u>Quality.</u> 2.1 Three Phase Inspection.</p> <p>BV requested from CDM Smith to conduct three phase inspection prior to any inspection request as per CDM Smith's accepted quality control plan. Furthermore, BV mentioned that any inspection request that does not follow the three phase inspection procedure will be rejected.</p>	CDM Smith	All Times
	New	<p>2.2 Asphalt Reinstatement for Transmission Line.</p> <p>BV enquired from CDM Smith about the submission date for the remedial works plan of asphalt reinstatement for transmission line.</p> <p>CDM Smith stated that the method statement for repair works along with work plan will be submitted on April 28, 2015.</p>	Info CDM Smith	Apr 28, 2015
3	PM #01	<p><u>Progress of Work.</u> 3.1 Progress Summary by CDM Smith.</p> <p>CDM Smith presented a brief progress of work and distributed a progress percentages (refer to attached copy) comparing the actual completion percentage and planned percentages for the project.</p> <p>BV advised that 41 days recorded as negative float up to date. BV raised</p>	Info	



		concern with respect to the reported delays and requested CDM Smith to take corrective measures.	CDM Smith	ASAP
3	New	3.2 Balance Tank. CDM Smith stated that the water leakage was observed in the divider wall of the balance tank and further stated that concrete surface repair for the divider wall of balance tank (eastern side) has been started as per accepted method statement submittal # SUB-13-00006-QBW-359-B.	Info	
	New	3.3 Living Quarter Building. CDM Smith stated that the pouring concrete for the edge foundation of the living quarter has been completed on April 13, 2015. Furthermore, CDM Smith stated that preparations works below slab-on-grade for the Living Quarter are currently ongoing.	Info	Apr 13, 2015
	New	3.4 Disinfection Building. CDM Smith stated that the pouring concrete for the edge foundation of the disinfection building has been completed on April 20, 2015. Furthermore, CDM Smith stated that preparations works below slab-on-grade for the disinfection building are currently ongoing.	Info	Apr 20, 2015
	PM #01	3.5 Two Weeks Look Ahead. CDM Smith distributed the Two Weeks Look Ahead schedule during the meeting (refer to attached copy). BV requested from CDM Smith to send the schedule enough time prior the meeting to allow for CMC review.	Info CDM Smith	All Times
	PM#26	3.6 Equipment Procurement Schedule. CDM Smith distributed the long lead item schedule which was sent earlier by email (refer to attached copy). BV requested from CDM Smith to revise the list as the followings: 1. A column listing “anticipated donation no. submission date” shall be added taking into consideration technical approval date. 2. A column listing “donation no. approval date” taking into consideration 45 days after donation no. submission. 3. Time consuming submittals such as operation & maintenance and training to be added to the list.	Info CDM Smith	All Times
4	PM #26	Submittals. 4.1 Record Drawings. BV reminded CDM Smith that only approved for construction drawings shall be available on site, Furthermore, BV reminded CDM Smith to		



		<p>maintain a full set of record drawings to reflect all changes and field orders/site memos in accordance with specification 01300 and 01700.</p> <p>CDM Smith stated that a set of record drawings is available and ready to be inspected by CMC.</p> <p>BV & CDM Smith confirmed the inspection date to be on April 29, 2015.</p>	<p>Info</p> <p>Info</p> <p>CDM Smith</p>	<p>Apr 29, 2015</p>
	New	<p>4.2 Submittals Sequences Schedule.</p> <p>BV reminded CDM Smith to expedite the submission of the followings and reminded them that according to the contract requirements, the Engineer has 30 calendar days to review the submittals:</p> <ul style="list-style-type: none"> • Electrical long lead item equipment; • O&M preliminary schedule as per contract documents and • Training Plan Schedule as per contract documents including all required training tests in order to allow for CMC coordination with PWA/WBWD in this regard. 	<p>Info</p> <p>CDM Smith</p>	<p>ASAP</p>
5	PM #01	<p><u>Financial.</u></p> <p>5.1 Variation Order.</p> <p>BV advised that the VO # 06 was signed by BV and CDM Smith. Furthermore, BV advised that VO # 07 “partial handover” is currently being prepared by BV and will be sent to CDM Smith next week.</p>	<p>Info</p>	
6	PM #01	<p><u>Reports.</u></p> <p>6.1 Monthly Report.</p> <p>No issues were reported during the meeting.</p>	<p>Info</p>	
	PM #01	<p>6.2 Daily Joint Report.</p> <p>No issues were reported during the meeting.</p>	<p>Info</p>	
7	New	<p><u>Others.</u></p> <p>7.1 Request for Information.</p> <p>BV requested from CDM Smith to include the followings a long with submitted RFI to allow CMC to properly review and provide final response:</p> <ul style="list-style-type: none"> • Proper reasoning supporting contractor requests or proposed deviations. • A complete and comprehensive technical comparison between alternatives being proposed – if any. • Initial cost comparison as a heads up with no additional entitlement. 	<p>CDM Smith</p>	<p>All Times</p>



New	<p>7.2 Variation Orders Request.</p> <p>BV reminded CDM Smith to submit the required variation orders requests that were requested in both the site memos and RFIs responses especially</p> <ul style="list-style-type: none"> Chlorination System and Building that was requested under SM-13-00006-QBW-E-C-010 on February 03, 2015 and Modification of HVAC System for Electrical and Control Building that was requested under SM-13-00006-QBW-E-C-013 on April 05, 2015. <p>Furthermore, BV emphasized on the importance of the VORs' submission and further stated that any delays caused thereby shall be the total responsibility of CDM Smith.</p> <p>CDM Smith stated that that an email will be sent out in this regard on April 26, 2015 to establish the specified date for the submission.</p> <p>Furthermore, BV invited CDM Smith to a coordination meeting to confirm the submission planned date for the required variation orders requests.</p> <p>BV & CDM Smith confirmed conducting the meeting on April 28, 2015.</p>	<p>Info</p> <p>CDM Smith</p> <p>Info</p> <p>BV & CDM Smith</p>	<p>Apr 26, 2015</p> <p>Apr 28, 2015</p>
New	<p>7.3 Submersible Pump.</p> <p>BV enquired from CDM Smith about the status of project submersible pump.</p> <p>CDM Smith advised that the purchase order was issued on March 23, 2015 and that the production schedule will be received from the manufacturer by next week. Furthermore, CDM Smith advised that the factory test is expected to be performed during August, 2015.</p> <p>BV requested from CDM Smith to send a copy of the production schedule once received and urged CDM Smith to start preparation of the required logistics for OWNER/ENGINEER attendance to witness manufacturer factory test in USA.</p>	<p>Info</p> <p>Info</p> <p>CDM Smith</p>	<p>Mar 23, 2015</p> <p>Aug 2015</p> <p>ASAP</p>
New	<p>7.4 Pump Station Layout.</p> <p>CDM Smith advised that the current location of the electrical metering building overlaps with the proposed electrical building, and accordingly RFI # RFI-13-00006-QBW-C-E-091 was submitted to CMC in this regard.</p> <p>Furthermore, CDM Smith requested from BV to accelerate the review</p>	<p>Info</p> <p>Info</p>	



	<p>period for SUB-13-00006-QBW-471-A “Shop-Drawing for Yard Piping” in order to start the excavation works.</p> <p>BV stressed that yard coordination drawings for all disciplines shall be taken into consideration when preparing shop-drawings. Furthermore, BV stated that the yard piping shop-drawing was submitted to CMC on April 14, 2015, and it is currently being reviewed by the Engineer, and the response will be issued to CDM Smith on April 27, 2015.</p>	<p>CDM Smith</p> <p>BV</p>	<p>All Times</p> <p>Apr 27, 2015</p>
New	<p>7.5 Finishes' Change List.</p> <p>CDM Smith advised that they are proposing alternations for finishes materials and requested from BV to conduct a technical meeting to discuss the change reasons and present their proposals prior to preparing a comprehensive RFI incorporating all changes.</p> <p>BV requested from CDM Smith to prepare a list for the proposed items prior to conducting the technical meeting.</p>	<p>Info</p> <p>CDM Smith</p>	<p>ASAP</p>

End of Minutes

**USAID WEST BANK/GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
TO 13-00006, QABATIYA WELL PROJECT (QBW)
BI-WEEKLY PROGRESS MEETING AGENDA #32**

Date:

Thursday, April 23, 2015

Timing:

11:00 AM – 12:00 PM

Location:

Primary Field Office
Al Zababida, Palestine

Attendees:

- PWA/WBWD.
- USAID.
- Black & Veatch.
- CDM Smith and Sub-Contractors.

Agenda:

- 1. Safety & Environment.**
 - 1.1 General Site Safety.
- 2. Quality.**
 - 2.1 CQC Three Phase Inspection.
- 3. Progress of Work.**
 - 3.1 Progress Summary by CDM Smith.
 - 3.2 Two Weeks Look Ahead.
 - 3.3 Long Lead Items.
 - 3.4 Balance Tank Leakage Test.
- 4. Submittals.**
 - 4.1 Record Drawings.

5. Financial.

6. Reports.

6.1. Daily Joint Reports.

6.2. Monthly Reports.

7. Others.



Subject: TO13-00006 QBW: Progress Meeting #32

West Bank/Gaza INP II

Date: April 23, 2015

Time: From 12:00 PM to 01:30 PM

Attendees List

No.	Name	Title	Organization	Mobile Number	E-mail	Signature
1	Abu M Saad	SRPM	BV	056890778		
2	Adnan Safi	CM	BV	0568930960	SafiA@BV.com	
3	Lubna Haj Hamad	OE	BV	0598934661	HajhamadL@BV.com	
4	Renee Saad	SPM	BV	0568930474	SaadR@bv.com	
5	Murad Daoud	QA	BV	0598934662	DaoudM@bv.com	
6	Yusef Alqan	PM	ARC	0597088619	Yusef@arc-brothers.com	
7	Ali Odeh	Planning	CDMSmith	0592997723	odeha@cdmsmith.com	
8	Talal Mahasin	QC Manager	CDMSmith	0592997702	mahasiut@cdmsmith.com	
9	Abdul Rahman Bakeer	safety Eng.	CDMSmith	0592-997700	bakeerar@cdmsmith.com	
10	Ghassan Thaher	TOH	CDMSmith	0592 997701	thaherg@cdmsmith.com	
11	Tamer Assaf	OE	BKV	0592026121	assafT@bv.com	
12	Mukles Najjreh	PM	BKV	0598934660	NajjrehM@bv.com	
13						
14						
15						
16						
17						

Date: 23rd April, 2015

Updated CPM Schedule Till: 23rd April, 2015

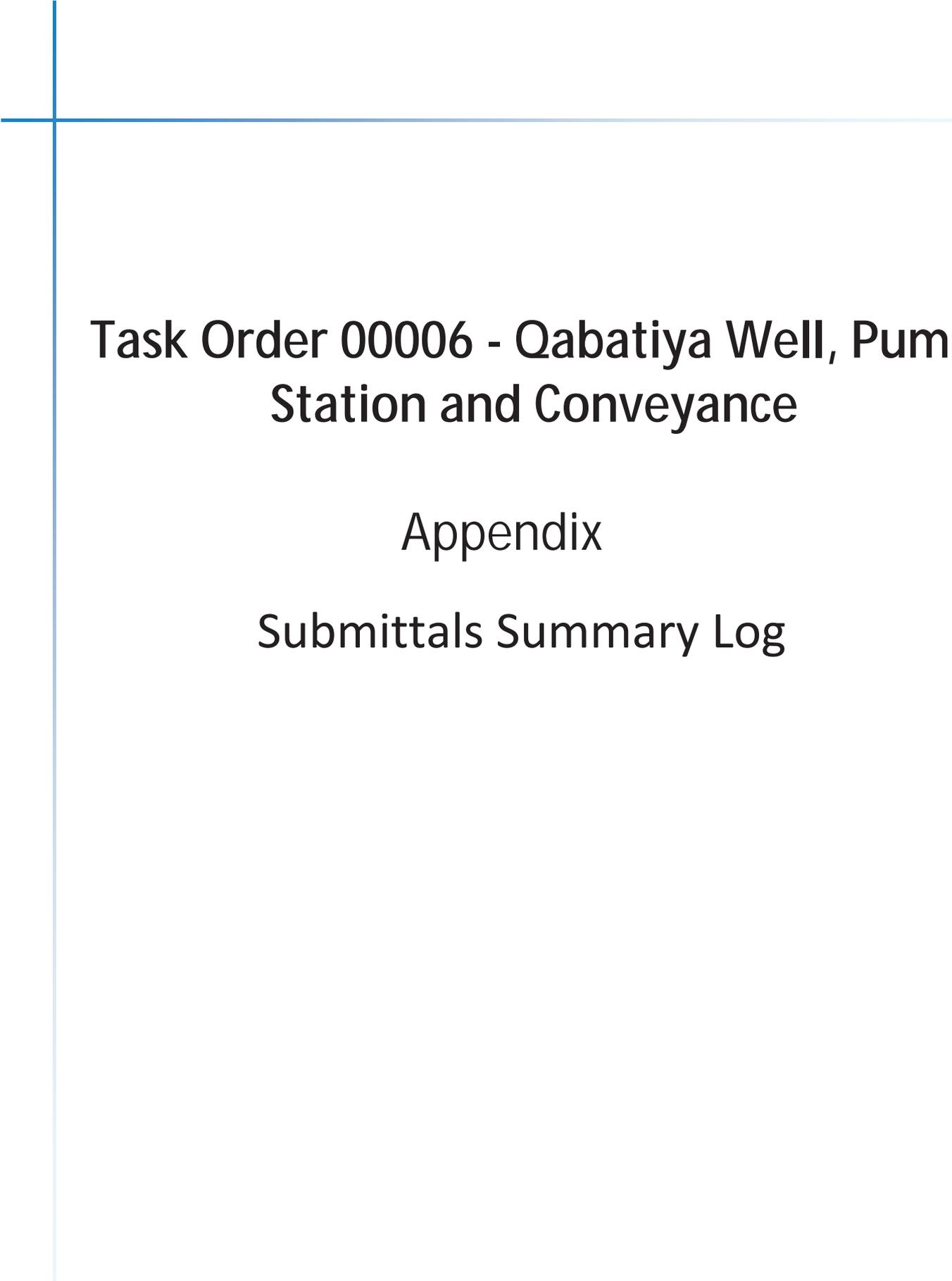
• Qabatiya Well Pump Station and Conveyance System:

- Planned Start Date = 14th May 2013
- Planned Finish Date = 3rd February, 2016
- Project Duration after modification = 996 days

- Planned % complete = 22.13%
- Performance % complete = 19.34 %
- Float = - 41 Days

Equipment Procurement Schedule																									
Item	Description	Unit	Quantity	Manufacturer/Supplier Info.	Source	Donation Number	Submittals		Submittal Status	Ordering		Order Status	Manufacturing & Testing		Manufacturing Duration	Manufacturing status	Shipping		Shipping Duration	Clearance/ Ashdod Port	Transport to Project Site	since approval - Over all duration (days)			
A. Mechanical																									
1. Pumps																									
1.1	Well Pump																								
1.1.1	Submersible pump with motor and all related.	No	1	Baker Hughes.	America/Out Source	Required	24-Dec-14	20-Feb-15	Approved	23-Mar-15	24-Mar-15	Ordered	25-Mar-15	20-Sep-15	179	-	-	21-Sep-15	8-Dec-15	78	9-Dec-15	19-Dec-15	20-Dec-15	21-Dec-15	304
1.1.2	400 V to 3.3 KV step-up transformer	No	1	Baker Hughes.	America/Out Source	Required	24-Dec-14	20-Feb-15	Approved	23-Mar-15	24-Mar-15	Ordered	25-Mar-15	20-Sep-15	179	-	-	21-Sep-15	8-Dec-15	78	9-Dec-15	19-Dec-15	20-Dec-15	21-Dec-15	304
1.1.3	Standby LV VFDs	No	2	Baker Hughes.	America/Out Source	Required	24-Dec-14	20-Feb-15	Approved	23-Mar-15	24-Mar-15	Ordered	25-Mar-15	20-Sep-15	179	-	-	21-Sep-15	8-Dec-15	78	9-Dec-15	19-Dec-15	20-Dec-15	21-Dec-15	304
1.1.4	Columns pipes	M L	430	Harmehdesh, ABC, Al Wael.	America/Out Source	-	24-Dec-14	10-Mar-15	Expected approval date	4-May-15	5-May-15	-	6-May-15	20-Aug-15	106	-	-	21-Aug-15	9-Sep-15	19	10-Sep-15	25-Sep-15	26-Sep-15	27-Sep-15	201
1.1.6	Access pipes	No	1290	Baker Hughes.	America/Out Source	Required	24-Dec-14	20-Feb-15	Approved	23-Mar-15	24-Mar-15	Ordered	25-Mar-15	20-Sep-15	179	-	-	21-Sep-15	8-Dec-15	78	9-Dec-15	19-Dec-15	20-Dec-15	21-Dec-15	304
1.2 Well pump (Standby)																									
1.2.1	well pumping unit (Spare)	No	1	Baker Hughes.	America/Out Source	Required	24-Dec-14	20-Feb-15	Approved	23-Mar-15	24-Mar-15	Ordered	25-Mar-15	20-Sep-15	179	-	-	21-Sep-15	8-Dec-15	78	9-Dec-15	19-Dec-15	20-Dec-15	21-Dec-15	304
1.3 Booster pumps																									
1.3.1	Booster can pump	No	2	Morex	America/Out Source	Required	23-Feb-15	25-Apr-15	Expected approval date	26-Apr-15	28-Apr-15	-	29-Apr-15	21-Sep-15	145	-	-	22-Sep-15	15-Nov-15	54	16-Nov-15	27-Nov-15	28-Nov-15	29-Nov-15	218
1.3.2	Spare barrel for future	No	1	Morex	America/Out Source	Required	23-Feb-15	25-Apr-15	Expected approval date	26-Apr-15	28-Apr-15	-	29-Apr-15	21-Sep-15	145	-	-	22-Sep-15	15-Nov-15	54	16-Nov-15	27-Nov-15	28-Nov-15	29-Nov-15	218
1.3.3	Motor	No	2	Morex	America/Out Source	Required	23-Feb-15	25-Apr-15	Expected approval date	26-Apr-15	28-Apr-15	-	29-Apr-15	21-Sep-15	145	-	-	22-Sep-15	15-Nov-15	54	16-Nov-15	27-Nov-15	28-Nov-15	29-Nov-15	218
1.3.4	Spare parts	No	2	Morex	America/Out Source	Required	23-Feb-15	25-Apr-15	Expected approval date	26-Apr-15	28-Apr-15	-	29-Apr-15	21-Sep-15	145	-	-	22-Sep-15	15-Nov-15	54	16-Nov-15	27-Nov-15	28-Nov-15	29-Nov-15	218
1.4	Sump pump			Canceled																					
1.4.1	Sump pump	No	1	Canceled																					
2. Hydropneumatic tank																									
2.1	Hydropneumatic tank	No	1	Morex	America/Out Source	Required	19-Apr-15	17-May-15	Expected approval date	18-May-15	19-May-15	-	20-May-15	22-Sep-15	125	-	-	23-Sep-15	22-Oct-15	29	25-Oct-15	3-Nov-15	4-Nov-15	5-Nov-15	172
2.2	Spare parts	No	1	Morex	America/Out Source	Required	19-Apr-15	17-May-15	Expected approval date	18-May-15	19-May-15	-	20-May-15	22-Sep-15	125	-	-	23-Sep-15	22-Oct-15	29	25-Oct-15	3-Nov-15	4-Nov-15	5-Nov-15	172
3. Air compressor																									
3.1	Air compressor	No	1	Atlascopco	Local	-	19-Apr-15	17-Jun-15	Expected approval date	18-Jun-15	19-Jun-15	-	20-Jun-15	12-Sep-16	84	-	-	-	-	-	-	13-Sep-16	16-Sep-16	90	
4. Chlorination System																									
4.1	1000L tanks	No	2	ABC to provide	Local	-	23-Feb-15	15-May-15	Expected approval date	16-May-15	17-May-15	-	18-May-15	10-Oct-15	145	-	-	-	-	-	-	11-Oct-15	18-Oct-15	156	
4.2	Dosing pump and spare parts	No	3	ABC to provide	Local	-	23-Feb-15	15-May-15	Expected approval date	16-May-15	17-May-15	-	18-May-15	10-Oct-15	145	-	-	-	-	-	-	11-Oct-15	18-Oct-15	156	
4.3	Elc. Transfer pump	No	1	ABC to provide	Local	-	23-Feb-15	15-May-15	Expected approval date	16-May-15	17-May-15	-	18-May-15	10-Oct-15	145	-	-	-	-	-	-	11-Oct-15	18-Oct-15	156	
4.4	Eye wash and shower (inside)	No	1	ABC to provide	Local	-	23-Feb-15	15-May-15	Expected approval date	16-May-15	17-May-15	-	18-May-15	10-Oct-15	145	-	-	-	-	-	-	11-Oct-15	18-Oct-15	156	
4.5	Eye wash and shower (outside)	No	1	ABC to provide	Local	-	23-Feb-15	15-May-15	Expected approval date	16-May-15	17-May-15	-	18-May-15	10-Oct-15	145	-	-	-	-	-	-	11-Oct-15	18-Oct-15	156	
4.6	injector	No	2	ABC to provide	Local	-	23-Feb-15	15-May-15	Expected approval date	16-May-15	17-May-15	-	18-May-15	10-Oct-15	145	-	-	-	-	-	-	11-Oct-15	18-Oct-15	156	
5. HVAC (E.C. & E.M)																									
5.1	Packaged roof top air conditioning units	No	1	ABC to provide	America/Out Source	-	6-Apr-15	1-Aug-15	Expected approval date	2-Aug-15	3-Aug-15	-	4-Aug-15	28-Nov-16	116	-	-	-	-	-	-	29-Nov-16	1-Dec-16	122	
5.2	Split units 2 ton	No	1	ABC to provide	Israel / Local	-	6-Apr-15	30-Apr-15	Expected approval date	1-May-15	2-May-15	-	3-May-15	3-Sep-15	123	-	-	-	-	-	-	4-Sep-15	7-Sep-15	130	
5.3	Multi split unit	No	1	ABC to provide	Israel / Local	-	6-Apr-15	30-Apr-15	Expected approval date	1-May-15	2-May-15	-	3-May-15	3-Sep-15	123	-	-	-	-	-	-	4-Sep-15	7-Sep-15	130	
5.4	Dry filter and sight glass	No	3	ABC to provide	Israel / Local	-	6-Apr-15	30-Apr-15	Expected approval date	1-May-15	2-May-15	-	3-May-15	3-Sep-15	123	-	-	-	-	-	-	4-Sep-15	7-Sep-15	130	
5.5	Fans for metering building	No	2	ABC to provide	Israel / Local	-	6-Apr-15	16-Apr-14	Expected approval date	17-Apr-14	18-Apr-14	-	19-Apr-14	3-Sep-15	602	-	-	-	-	-	-	4-Sep-15	7-Sep-15	130	
5.6	Temperature Controller	No	8	ABC to provide	Israel / Local	-	6-Apr-15	1-Jun-15	Expected approval date	2-Jun-15	3-Jun-15	-	4-Jun-15	3-Sep-16	91	-	-	-	-	-	-	4-Sep-16	7-Sep-16	90	
6. Electrical																									
2.1 Equipment																									
2.1.1	Motor Control Centers (MCC)	No	1	EMCO (Eaton), ABB, Siemens	Israel / Local	-	23-Feb-15	1-May-15	Expected approval date	2-May-15	3-May-15	-	4-May-15	22-Jul-15	79	-	-	23-Jul-15	5-Sep-15	44	6-Sep-15	15-Sep-15	16-Sep-15	17-Sep-15	130
2.1.2	Variable Frequency Drive (VFD) & Spare parts	No	2	ABB, Siemens	Israel / Local	-	23-Apr-15	18-May-15	Expected approval date	19-May-15	20-May-15	-	21-May-15	7-Oct-15	139	-	-	8-Oct-15	1-Dec-15	54	2-Dec-15	14-Dec-15	15-Dec-15	16-Dec-15	212
2.1.4	Medium Voltage Switch Gear (MVSG)	No	1	ABB, Siemens	Israel / Local	-	4-Mar-15	1-May-15	Expected approval date	2-May-15	3-May-15	-	11-Jun-15	19-Sep-15	100	-	-	20-Sep-15	18-Nov-15	59	19-Nov-15	30-Nov-15	1-Dec-15	2-Dec-15	216
2.1.5	Transformer	No	1	COOPER	America/Out Source	-	16-Feb-15	1-May-15	Expected approval date	2-May-15	3-May-15	P.O	11-Jun-15	22-Sep-15	103	-	-	23-Sep-15	11-Dec-15	79	13-Dec-15	22-Dec-15	23-Dec-15	24-Dec-15	237
2.1.6	Electrical Panels	No	2	EMCO	Israel / Local	-	23-Jan-15	23-May-16	Expected approval date	24-May-15	25-May-15	-	26-May-15	29-Oct-15	156	-	-	-	-	-	-	30-Oct-15	1-Nov-15	162	
2.2 Control Equipment																									
2.2.1	Program Logical Controller (PLC) Panel	No	1	BCI, IC System	Israel / Local	-	10-Apr-15	2-May-15	Expected approval date	4-May-15	8-May-15	-	9-May-15	17-Aug-15	100	-	-	18-Aug-15	16-Sep-15	29	17-Sep-15	2-Oct-15	3-Oct-15	4-Oct-15	155
2.2.2	SCADA server, printer, computer	No	1	BCI, IC System	Israel / Local	-	10-Apr-15	2-May-15	Expected approval date	4-May-15	8-May-15	-	9-May-15	17-Aug-15	100	-	-	18-Aug-15	16-Sep-15	29	17-Sep-15	2-Oct-15	3-Oct-15	4-Oct-15	155
2.2.3	Display Panel and UPS	No	1	BCI, IC System	Israel / Local	-	10-Apr-15	2-May-15	Expected approval date	4-May-15	8-May-15	-	9-May-15	17-Aug-15	100	-	-	18-Aug-15	16-Sep-15	29	17-Sep-15	2-Oct-15	3-Oct-15	4-Oct-15	155
2.2.4	RTU Panel	No	1	BCI, IC System	Israel / Local	-	10-Apr-15	2-May-15	Expected approval date	4-May-15	8-May-15	-	9-May-15	17-Aug-15	100	-	-	18-Aug-15	16-Sep-15	29	17-Sep-15	2-Oct-15	3-Oct-15	4-Oct-15	155
2.3 Instruments																									
2.3.1 Instruments(Discharge head well pump)																									
2.3.1.1	Flow element 200mm, 16bar	No	1	ABB	Israel / Local	-		1-Jul-14	Approved	6-Jun-15	8-Jun-15	-	9-Jun-15	7-Sep-15	90	-	-	-	-	-	-	8-Sep-15	10-Sep-16	96	
2.3.1.2	Flow indicating transmitter 16bar	No	1	ABB	Israel / Local	-		1-Jul-14	Approved	6-Jun-15	8-Jun-15	-	9-Jun-15	7-Sep-15	90	-	-	-	-	-	-	8-Sep-15	10-Sep-16	96	
2.3.1.3	Level transmitter 10bar	No	1	ABC to provide	Israel / Local	-	10-Apr-15	12-May-15	Expected approval date	13-May-15	14-May-15	-	15-May-15	13-Aug-15	90	-	-	-	-	-	-	14-Aug-15	16-Aug-16	95	
2.3.1.4	Pressure indicator 10bar	No	1	ABC to provide	Israel / Local	-	10-Apr-15	12-May-15	Expected approval date	13-May-15	14-May-15	-	15-May-15	13-Aug-15	90	-	-	-	-	-	-	14-Aug-15	16-Aug-16	95	
2.3.1.5	Pressure switch high/low 16bar	No	1	ABC to provide	Israel / Local	-	10-Apr-15	14-May-15	Expected approval date	15-May-15	16-May-15	-	17-May-15	15-Aug-15	90	-	-	-	-	-	-	16-Aug-15	17-Aug-16	95	
2.3.1.6	Pressure transmitter 16bar	No	1	ABC to provide	Israel / Local	-	10-Apr-15	14-May-15	Expected approval date	15-May-15	16-May-15	-	17-May-15	15-Aug-15	90	-	-	-	-	-	-	16-Aug-15	17-Aug-16	95	
2.3.2 Instrumental(Balance tank)																									
2.3.2.1	Balance tank intrusion switch	No	4	UTC	Israel / Local	-	10-Apr-15	25-Nov-15	Expected approval date	26-Nov-15	27-Nov-15	-	28-Nov-15	28-Dec-16	30	-	-	-	-	-	-	29-Dec-16	30-Dec-16	35	
2.3.2.2	Balance tank level switch high high	No	2	Cynergy	Israel / Local	-		6-Oct-13	Approved	10-Jul-15	12-Jul-15	-	13-Jul-15	11-Oct-16	90	-	-	-	-	-	-	12-Oct-16	15-Oct-16	97	
2.3.2.3	Balance tank level switch low low	No	2	Cynergy	Israel / Local	-		6-Oct-13	Approved	10-Jul-15	12-Jul-15	-	13-Jul-15	11-Oct-16	90	-	-	-	-	-	-	12-Oct-16	15-Oct-16	97	
2.3.2.4	Balance tank level indicating transmitter	No	2	Siemens	Israel / Local	-	10-Apr-15	13-Nov-15	Expected approval date	14-Nov-15	15-Nov-15	-	16-Nov-15	18-Dec-16	30	-	-	-	-	-	-	17-Dec-16	18-Dec-16	95	
2.3.2.6	Balance tank level element	No	2	Siemens	Israel / Local	-	10-Apr-15	13-Nov-15	Expected approval date	14-Nov-15	15-Nov-15	-	16-Nov-15	18-Dec-16	30	-	-	-	-	-	-	17-Dec-16	18-Dec-16	95	
2.3.2.6	Balance tank level transmitter fail switch	No	2	ABC to provide	Israel / Local	-	10-Apr-15	16-Apr-15	Expected approval date	17-Apr-16	18-Apr-15	-	19-Apr-16	18-Jul-16	90	-	-	-	-	-	-	19-Jul-15	20-Jul-16	95	
2.3.2.7	Emergency eyewash/shower in use flow switch	No	1	ABC to provide	Israel / Local	-	10-Apr-15	20-May-15	Expected approval date	21-May-15	22-May-15	-	23-May-16	21-Aug-16	90	-	-	-	-	-	-	22-Aug-16			

Equipment Procurement Schedule																								
Item	Description	Unit	Quantity	Manufacturer/Supplier Info.	Source	Donation Number	Submittals		Submittal Status	Ordering	Order Status	Manufacturing & Testing	Manufacturing Duration	Manufacturing status	Shipping	Shipping Duration	Clearance/ Ashdod Port	Transport to Project Site	since approval - Over all duration (days)					
2.3.3.2	booster pump suction pressure indicator - 10bar	No	2	ABC to provide	Israel / Local	-	10-Apr-15	30-Apr-15	Suspended till System approval	1-May-15	2-May-15	-	3-May-16	1-Aug-15	90	-	-	-	-	2-Aug-16	3-Aug-16	95		
2.3.3.3	booster pump discharge pressure switch high	No	2	ABC to provide	Israel / Local	-	10-Apr-15	30-Apr-15	-	1-May-16	2-May-15	-	3-May-16	1-Aug-15	90	-	-	-	-	2-Aug-16	3-Aug-16	95		
2.3.3.4	surge tank level transmitter	No	1	Morex	America/Out Source	Required	19-Apr-15	17-May-15	Expected approval date	18-May-15	19-May-15	-	20-May-15	22-Sep-15	125	-	23-Sep-15	22-Oct-15	29	25-Oct-15	3-Nov-15	4-Nov-15	5-Nov-15	172
2.3.3.6	surge tank pressure indicator -40bar	No	1	Morex	America/Out Source	Required	19-Apr-15	17-May-15	-	18-May-15	19-May-15	-	20-May-15	22-Sep-15	125	-	23-Sep-15	22-Oct-15	29	25-Oct-15	3-Nov-15	4-Nov-15	5-Nov-15	172
2.3.3.6	booster motor winding phase temperature transmitter	No	6	Morex	America/Out Source	Required	23-Feb-15	25-Apr-15	Expected approval date	26-Apr-15	28-Apr-15	-	29-Apr-15	21-Sep-15	145	-	22-Sep-15	15-Nov-15	54	16-Nov-15	27-Nov-15	28-Nov-15	29-Nov-15	218
2.3.3.7	booster pump bearing temperature transmitter	No	2	Morex	America/Out Source	Required	23-Feb-15	26-Apr-15	-	26-Apr-15	28-Apr-15	-	29-Apr-15	21-Sep-15	145	-	22-Sep-15	15-Nov-15	54	16-Nov-15	27-Nov-15	28-Nov-15	29-Nov-15	218
2.3.3.8	booster pump vibration transmitter	No	2	Morex	America/Out Source	Required	23-Feb-15	27-Apr-15	-	26-Apr-15	28-Apr-15	-	29-Apr-15	21-Sep-15	145	-	22-Sep-15	15-Nov-15	54	16-Nov-15	27-Nov-15	28-Nov-15	29-Nov-15	218
2.3.3.9	booster pump discharge pressure indicator - 40bar	No	2	Morex	America/Out Source	Required	23-Feb-15	27-Apr-15	-	26-Apr-15	28-Apr-15	-	29-Apr-15	21-Sep-15	145	-	22-Sep-15	15-Nov-15	54	16-Nov-15	27-Nov-15	28-Nov-15	29-Nov-15	218
2.3.3.9	Booster Control Valve		2	BERMAD	Israel / Local	-	20-Jan-15	28-Jan-15	Approved	20-Apr-15	22-Apr-15	-	23-Apr-15	4-Aug-15	103	-	-	-	-	5-Aug-15	14-Aug-15	108		
2.3.3.10	sump pump flood level switch	No	1	Cancelled																				
2.3.3.11	sump pump start level switch	No	1	Cancelled																				
2.3.3.12	sump pump shutdown level switch	No	1	Cancelled																				
2.3.3.13	booster station discharge flow element 250mm, 40bar	No	2	ABB	Israel / Local	-		1-Jul-14	Approved	6-Jun-15	8-Jun-15	-	9-Jun-16	7-Sep-16	90	-	-	-	-	-	8-Sep-16	10-Sep-16	96	
2.3.3.14	balance tank ps startup relief flow orifice 150mm, 40bar	No	2	ABC to provide	Israel / Local	-	6-Apr-15	9-May-15	Suspended till System approval	10-May-15	11-May-15	-	12-May-15	10-Aug-15	90	-	-	-	-	-	-	-	-	
2.3.3.16	balance tank ps discharge flow indicating transmitter	No	1	ABB	Israel / Local	-		1-Jul-14	Approved	6-Jun-15	8-Jun-15	-	9-Jun-16	7-Sep-16	90	-	-	-	-	-	8-Sep-16	10-Sep-16	96	
2.3.3.16	balance tank ps discharge pressure transmitter -40bar	No	1	ABC to provide	Israel / Local	-	6-Apr-15	14-May-16	Expected approval date	15-May-15	16-May-15	-	17-May-15	15-Aug-15	90	-	-	-	-	-	16-Aug-15	17-Aug-15	95	
2.3.4	Instrumental (Chlorination)																							
2.3.4.1	Intrusion switch	No	5	UTC	Israel / Local	-		25-Nov-15	Expected approval dates	26-Nov-15	27-Nov-15	-	28-Nov-15	28-Dec-15	30	-	-	-	-	-	29-Dec-16	30-Dec-16	35	
2.3.4.2	Fire alarm horn	No	1	ABC to provide	Israel / Local	-	6-Apr-15	12-Apr-15	-	13-Apr-15	14-Apr-15	-	15-Apr-15	14-Jul-15	90	-	-	-	-	-	15-Jul-16	16-Jul-16	95	
2.3.4.3	Smoke detector	No	2	ABC to provide	Israel / Local	-	6-Apr-15	12-Apr-15	-	13-Apr-15	14-Apr-15	-	15-Apr-15	14-Jul-15	90	-	-	-	-	-	15-Jul-16	16-Jul-16	95	
2.3.4.4	Eyewash/shower in use flow switch	No	1	ABC to provide	Israel / Local	-	6-Apr-15	20-May-15	-	21-May-15	22-May-15	-	23-May-15	21-Aug-15	90	-	-	-	-	-	22-Aug-15	23-Aug-15	95	
2.3.4.5	Level switch high	No	2	ABC to provide	Israel / Local	-	6-Apr-15	20-May-15	-	21-May-15	22-May-15	-	23-May-15	21-Aug-15	90	-	-	-	-	-	22-Aug-15	23-Aug-15	95	
2.3.4.6	Level switch low low	No	3	ABC to provide	Israel / Local	-	6-Apr-15	20-May-15	-	21-May-15	22-May-15	-	23-May-15	21-Aug-15	90	-	-	-	-	-	22-Aug-15	23-Aug-15	95	
2.3.4.7	Level switch high high	No	2	ABC to provide	Israel / Local	-	6-Apr-15	20-May-15	-	21-May-15	22-May-15	-	23-May-15	21-Aug-15	90	-	-	-	-	-	22-Aug-15	23-Aug-15	95	
2.3.4.8	Level element	No	2	ABC to provide	Israel / Local	-	6-Apr-15	20-May-15	-	21-May-15	22-May-15	-	23-May-15	21-Aug-15	90	-	-	-	-	-	22-Aug-15	23-Aug-15	95	
2.3.4.9	Level indicating transmitter	No	2	ABC to provide	Israel / Local	-	6-Apr-15	20-May-15	-	21-May-15	22-May-15	-	23-May-15	21-Aug-15	90	-	-	-	-	-	22-Aug-15	23-Aug-15	95	
2.3.4.10	Level transmitter fail switch	No	2	ABC to provide	Israel / Local	-	6-Apr-15	20-May-15	-	21-May-15	22-May-15	-	23-May-15	21-Aug-15	90	-	-	-	-	-	22-Aug-15	23-Aug-15	95	
2.3.4.11	Pressure indicator	No	2	ABC to provide	Israel / Local	-	6-Apr-15	20-May-15	Expected approval dates - Suspended due Chlorination System VOR	21-May-15	22-May-15	-	23-May-15	21-Aug-15	90	-	-	-	-	-	22-Aug-15	23-Aug-15	95	
2.3.4.12	PH analyzer element	No	1	ABC to provide	Israel / Local	-	6-Apr-15	20-May-15	-	21-May-15	22-May-15	-	23-May-15	21-Aug-15	90	-	-	-	-	-	22-Aug-15	23-Aug-15	95	
2.3.4.13	Chlorine analyzer element	No	1	ABC to provide	Israel / Local	-	6-Apr-15	20-May-15	-	21-May-15	22-May-15	-	23-May-15	21-Aug-15	90	-	-	-	-	-	22-Aug-15	23-Aug-15	95	
2.3.4.14	Analyzer indicating transmitter	No	1	ABC to provide	Israel / Local	-	6-Apr-15	20-May-15	-	21-May-15	22-May-15	-	23-May-15	21-Aug-15	90	-	-	-	-	-	22-Aug-15	23-Aug-15	95	
2.3.4.16	Chlorine analyzer sample flow indicator	No	1	ABC to provide	Israel / Local	-	6-Apr-15	20-May-15	-	21-May-15	22-May-15	-	23-May-15	21-Aug-15	90	-	-	-	-	-	22-Aug-15	23-Aug-15	95	
2.3.4.16	Chlorine analyzer sample pressure indicator	No	1	ABC to provide	Israel / Local	-	6-Apr-15	20-May-15	-	21-May-15	22-May-15	-	23-May-15	21-Aug-15	90	-	-	-	-	-	22-Aug-15	23-Aug-15	95	
2.3.4.17	Analyzer fail switch	No	1	ABC to provide	Israel / Local	-	6-Apr-15	20-May-15	-	21-May-15	22-May-15	-	23-May-15	21-Aug-15	90	-	-	-	-	-	22-Aug-15	23-Aug-16	95	
2.3.5	Instrumental (miscellaneous)																							
2.3.5.1	Intrusion switch	No	5	UTC	Israel / Local	-		25-Nov-15	Expected approval dates	26-Nov-15	27-Nov-15	-	28-Nov-15	28-Dec-15	30	-	-	-	-	-	29-Dec-16	30-Dec-16	35	
2.3.5.2	Fire alarm horn	No	1	ABC to provide	Israel / Local	-	6-Apr-15	12-Apr-15	-	13-Apr-15	14-Apr-15	-	15-Apr-15	14-Jul-15	90	-	-	-	-	-	15-Jul-16	16-Jul-16	95	
2.3.5.3	Smoke detector	No	2	ABC to provide	Israel / Local	-	6-Apr-15	12-Apr-15	-	13-Apr-15	14-Apr-15	-	15-Apr-15	14-Jul-15	90	-	-	-	-	-	15-Jul-16	16-Jul-16	95	
C	Miscellaneous Equipment																							
1.1	Double Leaf Aluminum Access hatches	No	2	ABC to provide	Israel / Local	-	Delivered to the Site																	



Task Order 00006 - Qabatiya Well, Pump Station and Conveyance

Appendix

Submittals Summary Log

USAID/West Bank-Gaza-AID-296-TO-13-00006
Qabatiya Well Pump Station Conveyance Pipeline
Submittal Log

Submittal #	Submittal Name	Date Submitted To Client	Date Returned From Engineer	Status
SUB-13-00006-QBW-102B	Mechanical Shop Drawing for QBW Pumping Station	26/04/2015	27/04/2015	E
SUB-13-00006-QBW-126B	Living Quarter Earthing System	20/04/2015	20/04/2015	E
SUB-13-00006-QBW-134B	Structural Shop Drawing for Scepage Pit	20/04/2015	20/04/2015	E
SUB-13-00006-QBW-144B	Earthing System for Chlorination & Storage Building	22/04/2015	22/04/2015	E
SUB-13-00006-QBW-247B	Electrical shop drawing for sump pump pit	26/04/2015	27/04/2015	E
SUB-13-00006-QBW-391C	Shop drawing for external ladder and handrail for Balance Tank	28/04/2015		
SUB-13-00006-QBW-415C	Revised Quality Control plan	13/04/2015	14/04/2015	A
SUB-13-00006-QBW-422B	Mechanical Shop Drawings for Living Quarter Drain System (Scupper Drain)	22/04/2015	22/04/2015	A
SUB-13-00006-QBW-437B	Air Conditioning Split Units for Living Quarter & Electrical and Control Building	28/04/2015		
SUB-13-00006-QBW-450A	Booster pumps Manufactures and Material	05/04/2015	14/4/2015	B
SUB-13-00006-QBW-451A	Monthly QC\QA and Safety Plan updates for March 2015	01/04/2015	07/04/2015	B
SUB-13-00006-QBW-452A	Monthly update Environmental Monitoring and Mitigation plan for March 2015	01/04/2015	07/04/2015	B
SUB-13-00006-QBW-453A	Up date risk management plan for February 2015	01/04/2015	07/04/2015	B
SUB-13-00006-QBW-454A	PRV for well Pump Discharge	01/04/2015	retracted 7/4/2015	
SUB-13-00006-QBW-454A	PRV for well Pump Discharge	14/04/2015	19/04/2015	D
SUB-13-00006-QBW-455A	Folow control valve for the meeting branch of Qabatiya Town	01/04/2015	retracted 7/4/2015	
SUB-13-00006-QBW-455A	Folow control valve for the meeting branch of Qabatiya Town	14/04/2015	19/04/2015	C
SUB-13-00006-QBW-456A	pressure reducing Valve at booster pump discharge header(Tag SJo5-PS2-PRV-325G,page 28)	01/04/2015	retracted 7/4/2015	
SUB-13-00006-QBW-456A	pressure reducing Valve at booster pump discharge header(Tag SJo5-PS2-PRV-325G)	15/04/2015	19/04/2015	C
SUB-13-00006-QBW-456B	pressure reducing Valve at booster pump discharge header(Tag SJo5-PS2-PRV-325G)	29/04/2015		
SUB-13-00006-QBW-457A	pressure reducing Valve at booster pump discharge header Tag SJo5-PS2-PRV-525A,page 28)	01/04/2015	retracted 7/4/2015	
SUB-13-00006-QBW-457A	pressure reducing Valve at booster pump discharge header	14/04/2015	19/04/2015	C
SUB-13-00006-QBW-458A	Electrical shop drawing for Disinfection building	02/04/2015	07/04/2015	B
SUB-13-00006-QBW-459A	High-Density Poly -Ethylene pipes and fitting	05/04/2015	07/04/2015	B
SUB-13-00006-QBW-460A	Updated Submittal Registry (up to 31 March 2015)	05/04/2015	07/04/2015	B
SUB-13-00006-QBW-461A	Padmount Transformer Manufacturer Qualifications & Transformer Material Selection	06/04/2015	30/04/2015	B
SUB-13-00006-QBW-462B	Method statement for fabrication and installation of HDPE pipes	13/04/2015	15/04/2015	A
SUB-13-00006-QBW-463A	HDPE Siphon and coupler	06/04/2015	07/04/2015	B
SUB-13-00006-QBW-464A	Heavy Duty clear PVC cement and Primer	07/04/2015	08/04/2015	A
SUB-13-00006-QBW-465A	Manifolds for living Quarter plumbing	07/04/2015	08/04/2015	B
SUB-13-00006-QBW-466A	security Doors' manufacturer qualifications and certificates	08/04/2015	13/04/2015	B
SUB-13-00006-QBW-467A	Revised Mechanical shop drawing for septic -seepage system	09/04/2015	09/04/2015	B
SUB-13-00006-QBW-468A	Profile and Certifications for the Manufacturer of painting materials	13/04/2015	15/04/2015	C
SUB-13-00006-QBW-468B	Profile and Certifications for the Manufacturer of painting materials	21/04/2015	22/04/2015	A
SUB-13-00006-QBW-469A	Delivery ticket for the edge foundation of the living quarter	13/04/2015	14/4/2015	E
SUB-13-00006-QBW-470A	As Built drawings for qabatiya Convrnyance system	14/04/2015		
SUB-13-00006-QBW-471A	Mechanical Shop Drawings for Yard Piping at Qabatiya Pump Station	14/04/2015	23/04/2015	C
SUB-13-00006-QBW-472A	Xylem Gould WT Vertical Turbine Can Pumps	15/04/2015		
SUB-13-00006-QBW-473A	Test report of steel reinforcement bars	15/04/2015	15/04/2015	A
SUB-13-00006-QBW-474A	Detail of Wooden Doors for Living Quarter	15/04/2015	16/04/2015	C
SUB-13-00006-QBW-475A	PN40 20mm Air vent	15/04/2015	22/04/2015	B
SUB-13-00006-QBW-476A	Well Pump Column Pipes	20/04/2015	21/04/2015	B
SUB-13-00006-QBW-477A	Hydro-pneumatic system control manufacturer qualification & material selection	20/04/2015		
SUB-13-00006-QBW-478A	Test report concrete compressive strength (7days)for Edge foundation of living quarter Ref:M/1504/124)	21/04/2015	22/04/2015	C
SUB-13-00006-QBW-478B	Test report concrete compressive strength (7days)for Edge foundation of living quarter Ref:M/1504/124)	23/04/2015	27/04/2015	A
SUB-13-00006-QBW-479A	Manufacturers Certification and material sample for Terazzo Tiles	22/04/2015	27/04/2015	C
SUB-13-00006-QBW-480A	Operation & Maintenance Manual Outline For Conveyance System	23/04/2015	27/04/2015	B
SUB-13-00006-QBW-481A	Manufacturer's Profile & Material Properties of Concrete Block	27/04/2015		
SUB-13-00006-QBW-482A	Test Report on Concrete Compressive Strength for Edge Foundation and Pit of The Disinfection Building (7-Day Result). Ref: M/1504/203	29/04/2015		
SUB-13-00006-QBW-483A	Method Statement for Asphalt Repair and Restoration	29/04/2015		
SUB-13-00006-QBW-484A	PRV for Well Pump Discharge	29/04/2015		

Task Order 00006 - Qabatiya Well, Pump Station and Conveyance

Appendix

Invoices Log

Task Order 00006 - Qabatiya Well, Pump Station and Conveyance

Appendix

Request for Information log

USAID Contract No.: AID-294-I-00-12-00001

TASK ORDER NO. : AID-294-TO-13-00006

Qabatiya Well Pump Station And Conveyance System

Request For Information Log

RFI No.	Description	submitted Date to CMC	Date Returned from CMC
RFI-00006-QBW-089	Replacemenet of concrete Masonry units(CMU)	14/04/2015	28/04/2015
RFI-00006-QBW-090	System Single Manufacturer	15/04/2015	20/04/2015
RFI-00006-QBW-091	Construction of electrical control building	16/04/2015	
RFI-00006-QBW-092	Replacement of roof insulation material	16/04/2015	19/04/2015
RFI-00006-QBW-093	Replacement of window sills	16/04/2015	28/04/2015
RFI-00006-QBW-094	Standard AC spilt units for electrical &control building	19/04/2015	22/04/2015
RFI-00006-QBW-095	Replacement of cold -hot potable water tubes and fittings	21/04/2015	22/04/2015
RFI-00006-QBW-096	MV Switch Gear	26/04/2015	
RFI-00006-QBW-097	Rest Room Fan Replacement	29/04/2015	
RFI-00006-QBW-098	Replacement of Window Sills	29/04/2015	
RFI-00006-QBW-099	Replacement of Cold-Hot Potable Water Tubes and Fittings	29/04/2015	

Task Order 00006 - Qabatiya Well, Pump Station and Conveyance

Appendix

Geo MIS logs

**USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. :AID-294-I-00-12-00001**

TASK ORDER NO. : AID-294-TO-13-00006

Qabatiya Well Pump Station and Conveyance System

Temporay Job Days Summary Report

Task Order Name: To-13-00006

PERIOD FROM: 5/14/2013

Sub-project or Activity Name: Qabatiya Well Pump Station and Conveyance System

PERIOD TO: 4/30/2015

CONTRACTOR: CDM Smith

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Notes of Comments
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other			
May	2013	86.88	44.13	0.00	0.00	2.50	133.50	6	
June	2013	125.25	50.88	3.63	0.00	0.00	179.75	8	
July	2013	114.75	44.00	79.25	46.00	16.63	300.63	13	
August	2013	93.38	72.63	0.00	22.00	0.00	188.00	8	
September	2013	127.13	179.00	72.38	32.13	3.75	414.38	17	
Total of FY 2013							1216.25	51	
October	2013	124.63	179.13	88.63	39.13	8.13	439.63	18	
November	2013	101.25	172.63	49.13	36.50	0.00	359.50	15	
December	2013	109.00	164.38	139.25	67.13	0.00	479.75	20	
January	2014	105.13	174.25	205.00	166.88	7.88	659.13	28	
February	2014	102.63	190.00	193.00	211.63	42.13	739.38	31	
March	2014	114.00	207.25	129.50	122.38	21.13	594.25	25	
April	2014	115.50	233.13	78.38	79.13	0.00	506.13	21	
May	2014	105.63	173.38	213.88	112.88	0.00	605.75	25	
June	2014	107.00	150.38	151.13	117.50	6.00	532.00	22	
July	2014	81.50	65.00	16.75	114.88	0.50	278.63	12	
August	2014	112.25	101.50	131.25	216.63	4.13	565.75	24	
September	2014	107.13	78.63	207.88	93.75	4.13	491.50	21	
Total of FY 2014							6251.38	263	
October	2014	84.38	60.50	186.13	185.13	0.00	516.13	21.69	
November	2014	109.63	59.25	195.13	183.50	9.38	556.88	23.40	
December	2014	127.63	52.88	195.38	122.50	3.38	501.75	21.08	
January	2015	94.88	95.13	145.50	67.25	4.13	406.88	17.10	
February	2015	88.38	117.25	40.75	43.50	0.00	289.88	12.18	
March	2015	89.50	159.50	31.38	87.63	9.50	377.50	15.86	
April	2015	92.25	152.00	36.13	70.63	13.75	364.75	15.33	

DATE	Name of Contractor /Subcontractor	Site Staff Job Days **																										
		Worker/Classification (Hours)																			Man-days*							
		Management				Engineers					Skilled labor			Unskilled labor			Other		Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other					
		Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Manager #1, #2, etc ..	Electrical Engineer	Project Engineer	Office Engineer	Quality Control Engineer	Contract Specialist	Civil Engineer	Site Engineer	Survey Engineer	Mechanical Engineer	Foreman	Skilled Labor*	Equipment Operator	Flagman						Office Boy	Unskilled Labor	Driver		
April 25, 2015	CDM Smith	8	8	8		8	8											8						4	5	0.75	3	0.75
	Arab Brothers				8	6		8			8					6			16	6								
	Site Group																											
April 26, 2015	CDM Smith	8	8	8		8	8											8						4	5	1	3	0
	Arab Brothers				8	6		8			8					8			16									
	Site Group																											
April 27, 2015	CDM Smith	8	8	8		8	8											8						4	6	3	3	0
	Arab Brothers				8	8		8			8				16	8			16									
	Site Group																											
April 28, 2015	CDM Smith	8	8	8		8	8											8						4	6	3	3	0
	Arab Brothers				8	8		8			8				16	8			16									
	Site Group																											
April 29, 2015	CDM Smith	8	8	8		8	8											8						4	6	3	3	0
	Arab Brothers				8	8		8			8				16	8			16									
	Site Group																											
April 30, 2015	CDM Smith	8	8	8		8	8											8						4	3	3	3	0
	Arab Brothers				8					8					24				16									
	Site Group																											
Total of Month		209.00	122.00	208.00	199.00	364.00	209.00	200.00	0.00	0.00	193.00	0.00	89.00	161.00	0.00	153.00	136.00	8.00	208.00	349.00	110.00	0.00	92.25	152.00	36.13	70.63	13.75	

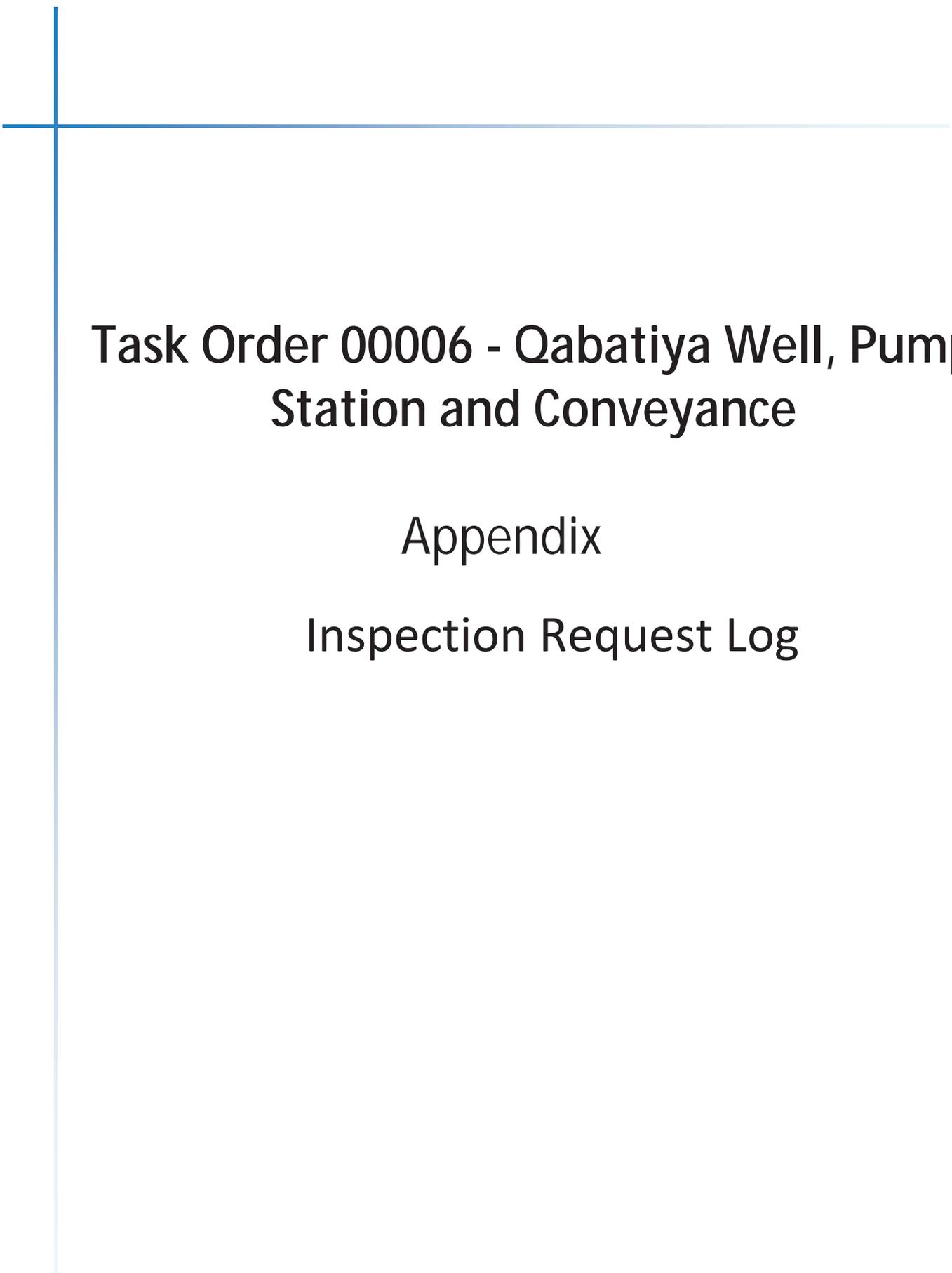
* Total Man-days = Total Hours / 8

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

Electrical Engineer:(Telecomm Department Director,TS&CC Director, Solution Engineer, Senior Software Engineer)

Skilled Labor: Senior Project Technician

Skilled Labor : Certified welding Inspector, Welder's assistant.

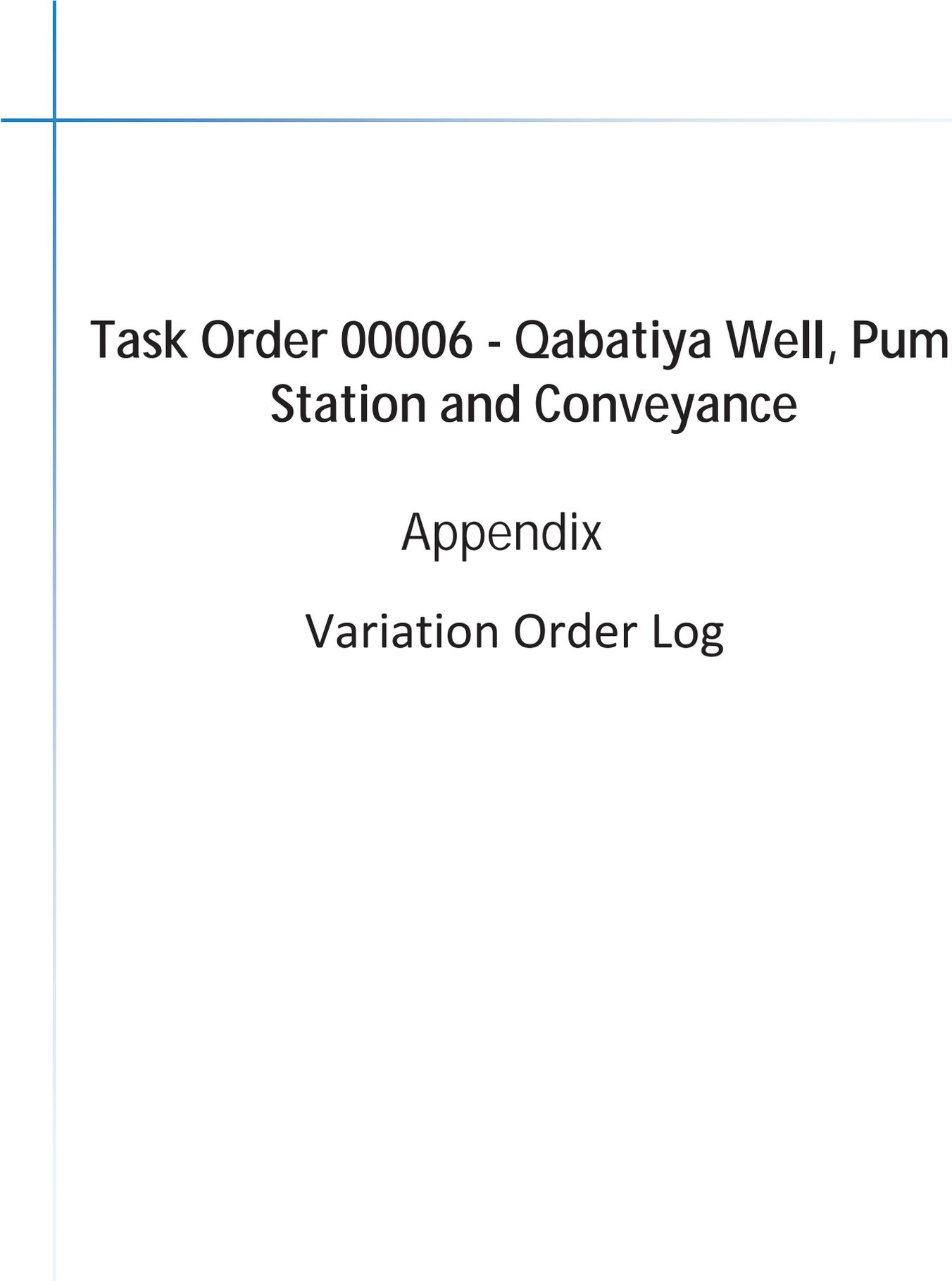


Task Order 00006 - Qabatiya Well, Pump Station and Conveyance

Appendix

Inspection Request Log

USAID Contract No.: AID-294-I-00-12-00001				
TASK ORDER NO. : AID-294-TO-13-00006				
Qabatiya Well Pump Station And Conveyance System				
Inspection Request				
IR No.	Description	submitted Date to CMC	Inspection Date	Degree
IR-13-00006-QBW-146B	Excavation levels for the precast washout valve chamber at station 0+182.24 on the conveyance system	19/04/2015	Retracted 20/4 2015	
IR-1300006-QBW-243C	inspection for MH cover load test_Kurdieh & Sons LTD's source	19/04/2015	Retracted 19/4/ 2015	
IR-1300006-QBW-243C	inspection for MH cover load test_Kurdieh & Sons LTD's source	19/04/2015	19/04/2015	A
IR-1300006-QBW-249B	inspection of initial water level inside the western compartment of the balance tank as part of the leakage test procedure	13/04/2015	13/04/2015	C
IR-1300006-QBW-250B	inspection of the levels for the botton of the foundations of both living quarter and disinfection building and the markings for the centerlins of exterior walls for same.	02/04/2015	05/04/2015	A
IR-1300006-QBW-252A	Inspection of 3"U-PVC pipes and fitting with plastic junction boxes to be used for electrical works.	05/04/2015	06/04/2015	A
IR-1300006-QBW-253A	Inspection of HDPE pipes and fittings in regards of material and fabrication (welding)	05/04/2015	Retracted 5/4/ 2015	
IR-1300006-QBW-253A	Inspection of HDPE pipes and fittings in regards of material and fabrication (welding)	07/04/2015	08/04/2015	A
IR-1300006-QBW-254A	inspection for the installation of electrical conduit pipes and earthing system strips below the slab-on-grade at the edge foundations of the living quarter as shown in the attached drawing	08/04/2015	08/04/2015	A
IR-1300006-QBW-255A	inspection of calvanized steel stripmaterial (attached in the MRR)to be used in the earthing system	08/04/2015	08/04/2015	A
IR-1300006-QBW-256A	inspection for the installation of HDPE sewage /drainage pipes connecting the living quarter with the septic tank, below the slap on grade level of the living quarter as per the attached drawing	09/04/2015	09/04/2015	C
IR-1300006-QBW-256B	inspection for the installation of HDPE sewage /drainage pipes connecting the living quarter with the septic tank, below the slap on grade level of the living quarter as per the attached drawing	13/04/2015	13/04/2015	A
IR-1300006-QBW-257A	inspection of formwork and steel reinforcement for the edge foundation of the living quarter prior to casting concrete as per the attached drawing	09/04/2015	09/04/2015	A
IR-1300006-QBW-258A	inspection of concrete surface preparation for the edge foundations of the living quarter prior to applying damp-proofing material-Nitoproof 30	14/04/2015	14/04/2015	A
IR-1300006-QBW-259A	Inspection of applying the first damp-proofing coat at the external and internalsurfaces of the edge foundation of living quarter using approved material(Nitoproof 30)	14/04/2015	14/04/2015	A
IR-1300006-QBW-260A	Inspection of applying the second damp-proofing coat at the external and internal surfaces of the edge foundation of living quarter using approved material(Nitoproof 30)	14/04/2015	15/04/2015	A
IR-1300006-QBW-261A	inspection of 1",2" and ½" U-PVC pipes, elbows and caps to be used for electrical works. Detailed material description is shown in the attached MRR 003	20/04/2015	Retracted 20/4/ 2015	
IR-1300006-QBW-261A	inspection of 1",2" and ½" U-PVC pipes, elbows and caps to be used for electrical works. Detailed material description is shown in the attached MRR 004	20/04/2015	21/04/2015	C
IR-1300006-QBW-262A	inspection for the installation of electrical conduit pipes and earthing system strips below the slab-on-grade at the edge foundations of the disinfection Building as shown in the attached drawing	20/04/2015	21/04/2015	A
IR-1300006-QBW-263A	Inspection for the installation of mechanical HDPE pipe under the slab-on-grade of the disinfection building serving as sump pit drain pipe as per the attached drawing	20/04/2015	21/04/2015	A
IR-1300006-QBW-264A	inspection of formwork and steel reinforcement for the edge foundation and pit of the disinfection Building as per the attached drawing	20/04/2015	21/04/2015	A
IR-1300006-QBW-265A	Inspection of the installation of HDPE pipes and fittings of the main drain system under the slab-on-grade of the living quarter as per the attached drawing	20/04/2015	21/04/2015	C
IR-1300006-QBW-266A	Inspection for material and fabrication of HDPE,110mm siphons (taking into consideration that all HDPE welding works are performed in full compliance with specefication by the qualified welder (Mohammad Odeh holding ID No:99541531,as noted in the attached MMR #004)	23/04/2015	23/04/2015	A
IR-1300006-QBW-267A	Inspection of concrete surface preparation for the edge foundations of the disinfection building prior to applying damp-proofing material- Nitoproof 30 (as per the attached drawing).	23/04/2015	23/04/2015	A
IR-1300006-QBW-268A	Inspection of Installation ,Welding and Leakage Test for the HDPE Pipes and Fittings of the Sewage System Below the Slab-on-Grade of the Living Quarter Prior to Concrete Encasement.	26/04/2015	26/04/2015	A
IR-1300006-QBW-269A	Inspection for Leakage Test of the Drainage HDPE Pipe for the Pit At the Disinfection Building As Per the attached Drawing.	26/04/2015	26/04/2015	A
IR-1300006-QBW-270A	Inspection of Applying the first Damp-Proofing Coat at the External and Internal Surfaces of the Edge Foundation of the Dinfecction Building Using Approved Material (Nitoproof30)	26/04/2015	26/04/2015	A
IR-1300006-QBW-271A	Inspection of Applying the Second Damp-Proofing Coat at the External and Internal Surfaces of the Edge Foundation of theDisinfection Building Using Approved Material (Nitoproof30)	26/04/2015	26/04/2015	A
IR-1300006-QBW-272A	Inspection of Materials/ Items to Be Used in Electrical Works of Qabatiya Project . Detailed Description of Materials is Illustrated in the Attached MRR #5.	29/04/2015	29/04/2015	A
IR-1300006-QBW-273A	Inspection of Formwork, Steel Reinforcement for the Slab-on Grade of the Living Quarter ,and the Installation of PVC Membrane Sheets Under the SOG of the Same Building.	29/04/2015		



Task Order 00006 - Qabatiya Well, Pump Station and Conveyance

Appendix

Variation Order Log

USAID Contract No.: AID-294-I-00-12-00001

TASK ORDER NO. : AID-294-TO-13-00006

Qabatiya Well, Pump Station and Conveyance System

Variation Order Log

VO NO.	Description	Submitted Date to CMC	Date Returned from CMC
VO-00006-QBW-001	Time Extension	9/9/2013	9/20/2013
VO-00006-QBW-002	Roackfill layer Under the Balancing tank	10/9/2013	10/30/2013
VO-00006-QBW-003	Construction of Retaining Wall around the Balancing Tank	11/26/2013	12/3/2013
VO-00006-QBW-004	Substitution of Pipe Zone Backfill material (Bedding Materials), Mechanical Changes in the Conveyance Pipeline Connection Chambers, Change the staging Area, Change in the Mobilization and New Definitive Project Quantities	08/24/2014	20/10/2014
VO-00006-QBW-005	Modification No.1-Redesign of Qabatiya Pump Station	05/03/2014	24/12/2014
VO-00006-QBW-006	Mechanical Changes in Chambers and final Definitive Quantities for Qabatiya Conveyance System	13/04/2015	22/4/2015

Task Order 00006 - Qabatiya Well, Pump Station and Conveyance

Appendix Equipment List

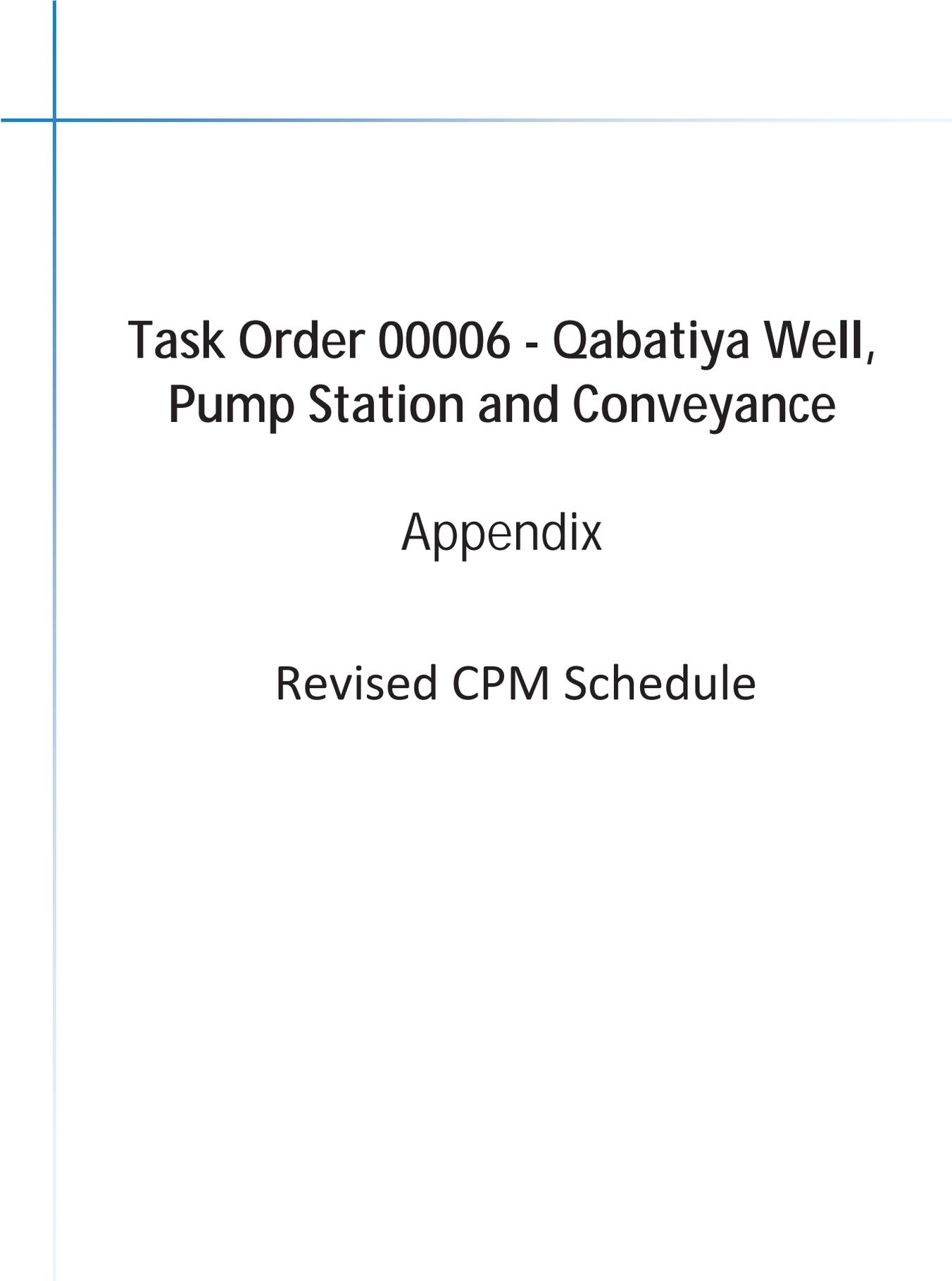
USAID Contract No.: AID-294-I-00-12-00001

Task Order No.: AID-294-TO-13-00006

Qabatiaya Well Pump Station And Conveyqance System

Equipment List- April 2015

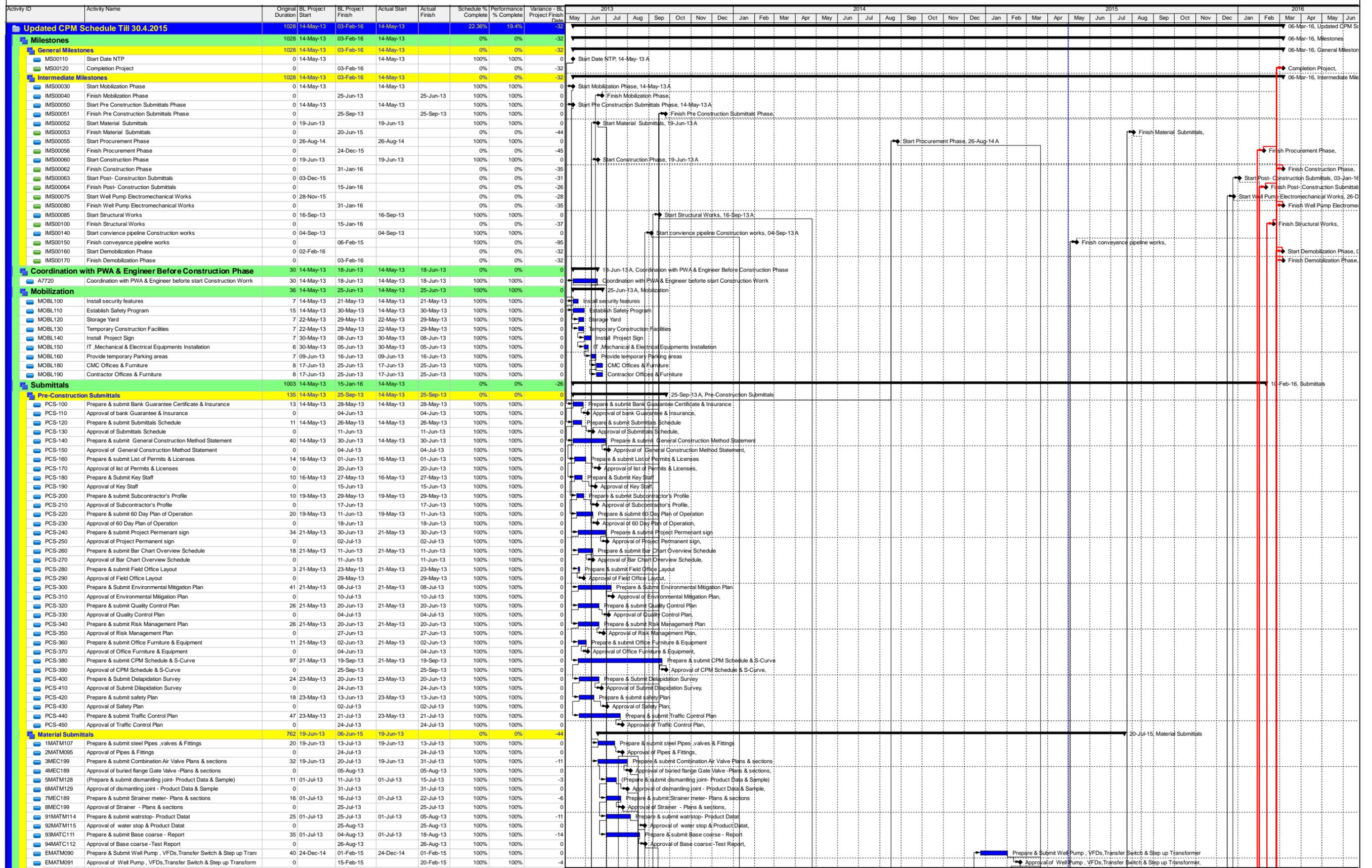
Concrete Pump	13/04/2015	Volvo	2010
Concrete Mixer	13/04/2015	DAF	1998
Concrete Vibrator	20/04/2015		



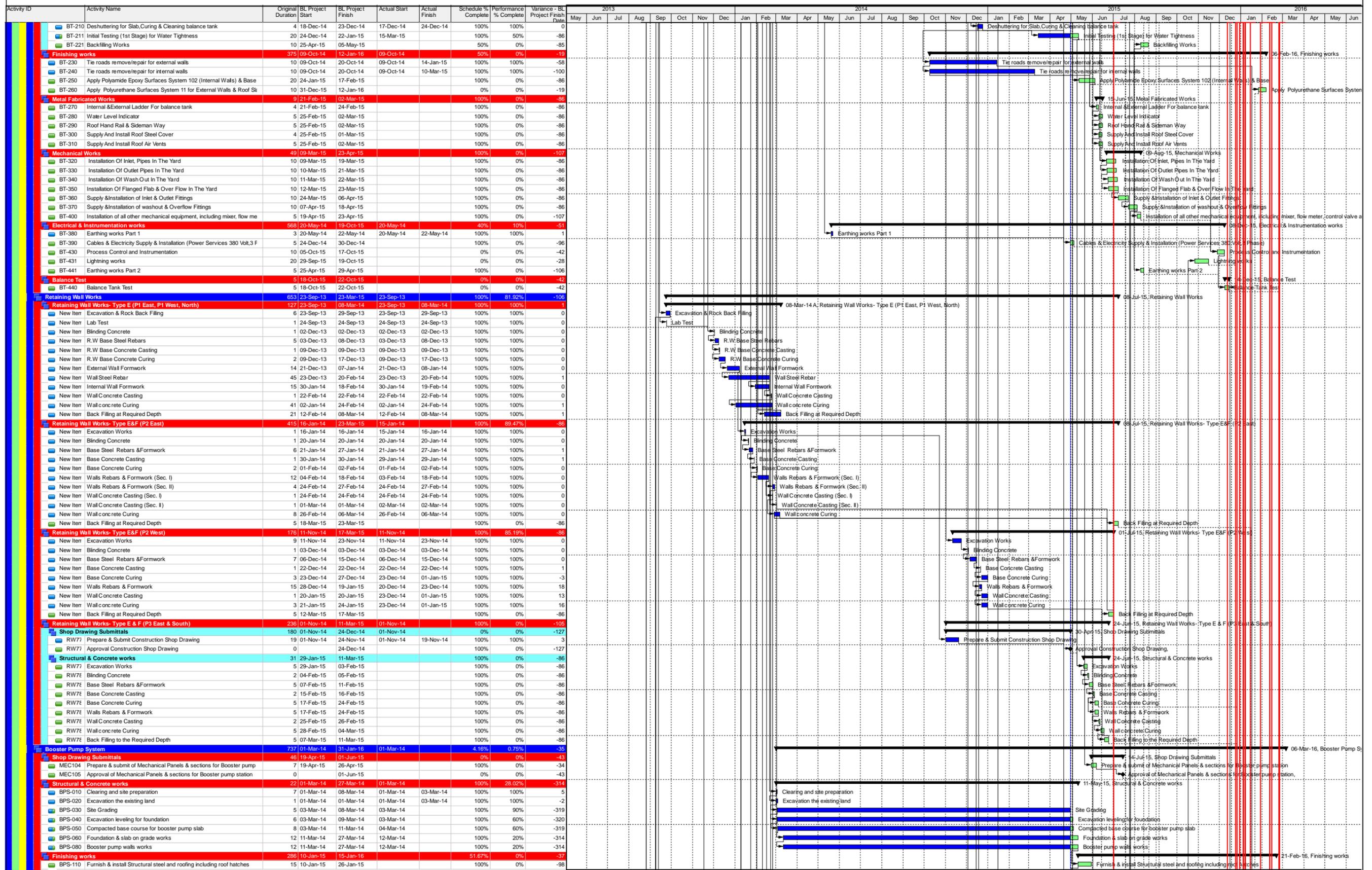
Task Order 00006 - Qabatiya Well, Pump Station and Conveyance

Appendix

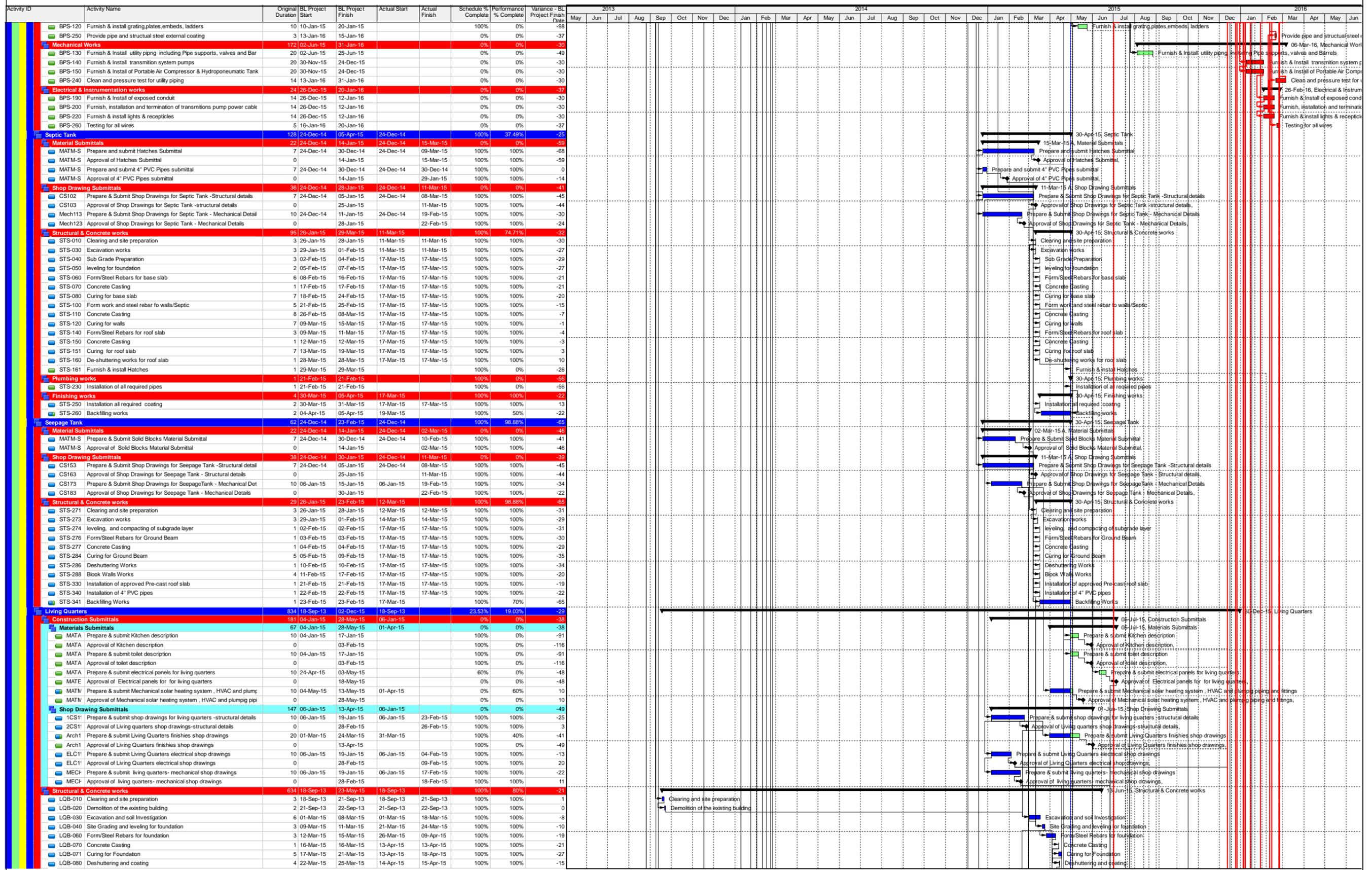
Revised CPM Schedule



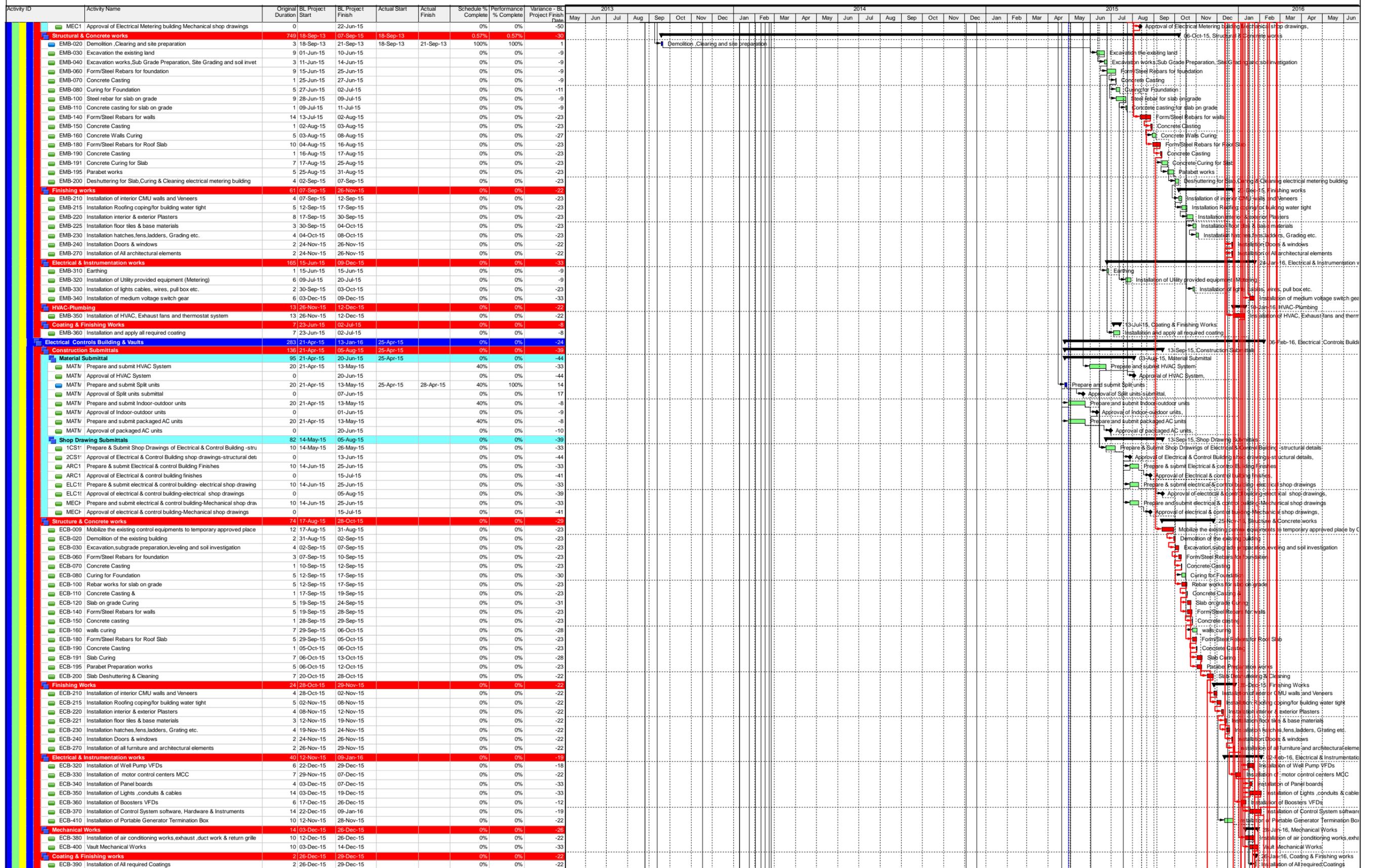
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█ Actual Work █ Critical Remaining Work ▶ summary



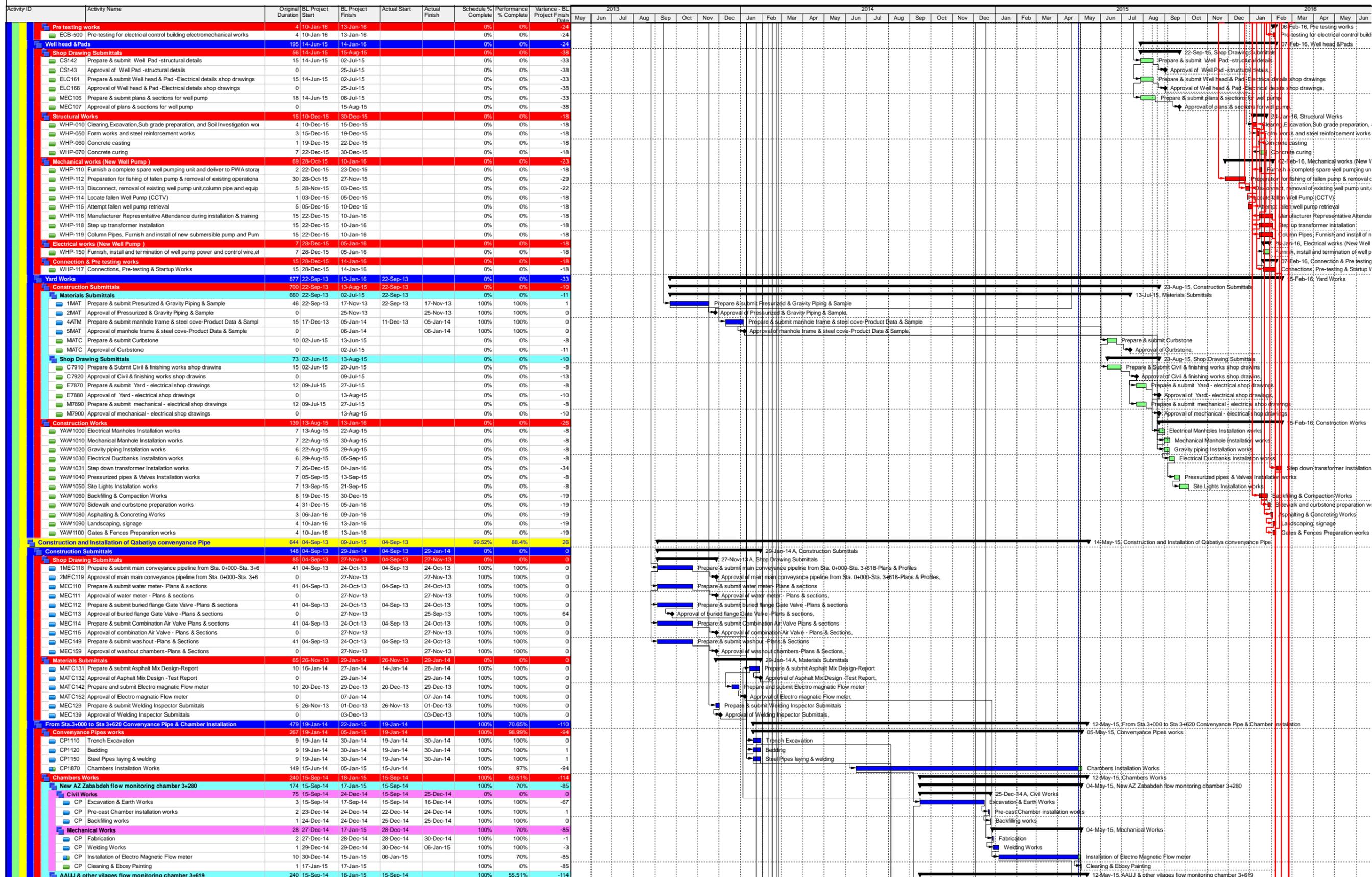
█ Actual Level of Effort
 █ Remaining Work
 █ Critical Remaining Work
 ◆ Milestone
 ◆ summary



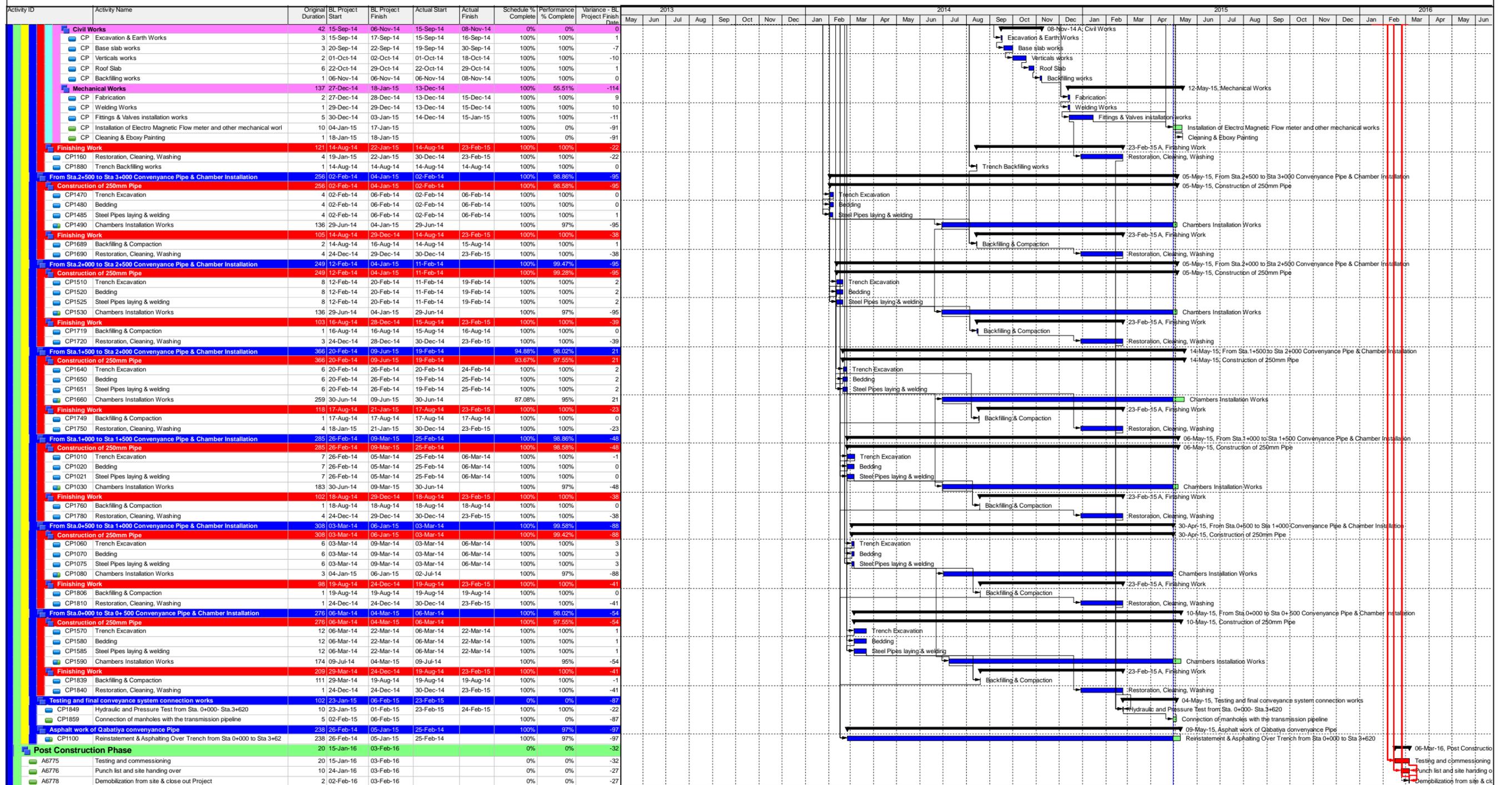
	Actual Level of Effort		Remaining Work		Milestone
	Actual Work		Critical Remaining Work		summary



█ Actual Level of Effort
 █ Remaining Work
 █ Critical Remaining Work
 ◆ Milestone
 ◆ summary



█ Actual Level of Effort
 █ Remaining Work
 ◆ Milestone
█ Actual Work
 █ Critical Remaining Work
 ➤ summary



	Actual Level of Effort		Remaining Work		Milestone
	Actual Work		Critical Remaining Work		summary

Page 9 of 9

TASK filter: All Activities

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