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MONTHLY PROGRESS REPORT

TASK ORDER NO. 13-00016

Deir Sha'ar Main Pipeline Project (SHT)

APCO/ArCon

February, 2015

MONTHLY TASK ORDER PROGRESS REPORT

INFRASTRUCTURE NEEDS PROGRAM

Contract No. 294-I-00-12-00005
Task Order No. AID-294-TO-13-00016

From Feb. 01, 2015 to Feb. 28, 2015

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USAID Contract No.:	294-I-00-12-00005
TO No.:	13-00016
Contractor:	APCO/ArCon Construction and Services
T.O Key Personnel:	Eng. Mohammad Halayqa Eng. Nidal Marziq- Q.C.M Eng. Ahmad Najajreh- S.E.O Eng. Fadi Najajrah- P.E Eng. Vijay Kumar Alapati – CWI

Monthly Progress Report number 16

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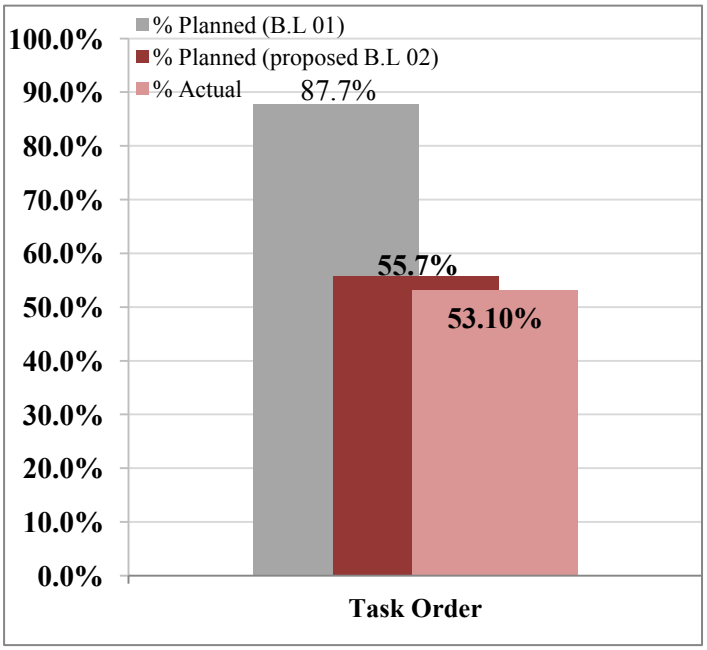
TASK ORDER OVERVIEW:

Task Order Project Name	Deir Sha'ar Main Pipeline Project (SHT)
Project Description	This project consists of: 1. Installation of a new 12 kilometer, 750mm (30 inch) diameter main transmission pipeline from the Deir Sha'ar booster station to the existing 25,000m3 reservoir in Halhul. The pipeline starts at the Deir Sha'ar booster station, passes alongside and supplies water from metered turn-outs to Beit Ummar, Karmi Tzur, Al-Arrub Camp, and Halhul, and ends at the existing reservoir in Halhul. 2. Installation of 13 kilometers of network connections ranging from 300mm to 75mm, except 250mm diameter for the cities of Beit Ummar and Halhul. 3. Upgrading approximately 10 kilometers of existing road along the pipeline alignment. This includes upgrading a 6.6 km stretch of a two-lane road, upgrading a 0.67 km section of a four-lane road, and milling and overlay of 2.8 kilometers of the existing roadway surface.
Statement of Work (SOW)	The road works consist of excavation works, backfilling excavated areas, embankment backfilling, pavement layer construction and/or milling and overlay of the existing roadway surface, construction of retaining structures, installation of storm water culverts and storm water drainage system, installation of safety features (signage, road marking, cat eyes, and guardrails) and other works as required by the contract documents. Water piping scope of works includes excavation, supply and installation of pipelines and associated accessories for the transmission main and chambers, related civil and mechanical works, trench backfill, pipe pressure testing, pipe disinfection and cleaning, and other works required by the contract documents to provide a fully operational water delivery system.
Project Location	Beit Ummar, Al-Arrub Camp, and Halhul in Hebron District (Areas A, B and C)
Contract No.	294-I-00-12-00005
Task Order No.	AID-294-TO-13-00016
Employer	USAID
Contractor	APCO/ArCon
Engineer / CMC	Black and Veatch
Subcontractor Name	Self-Performance
Notice of Award (NOA)	Sep. 23, 2013
Notice To Proceed (NTP)	Nov. 06, 2013
Task Order Contract Value	$16,512,214
Projects Total Value	$15,612,214
Day Work	$ 900,000
Modified Projects Total Value	$15,752,462.50(VO#03)
Modified Day Work	$759,751.50 (VO#03)
Start of Construction	February 01, 2014
Contractual period of Performance	550 Calendar Days
Contractual End Date	May 09, 2015
Modified period of Performance	580 Calendar Days
Modified End Date	June 08, 2015 (VO#03)
Estimated Completion Date	June 08, 2015
Planned Percentage of Completion	87.7% (B.L. 01)
Planned Percentage of Completion	55.7% (proposed B.L. 02- Not approved yet)
Actual Percentage of Completion	53.1%
Total Float	-6 Days



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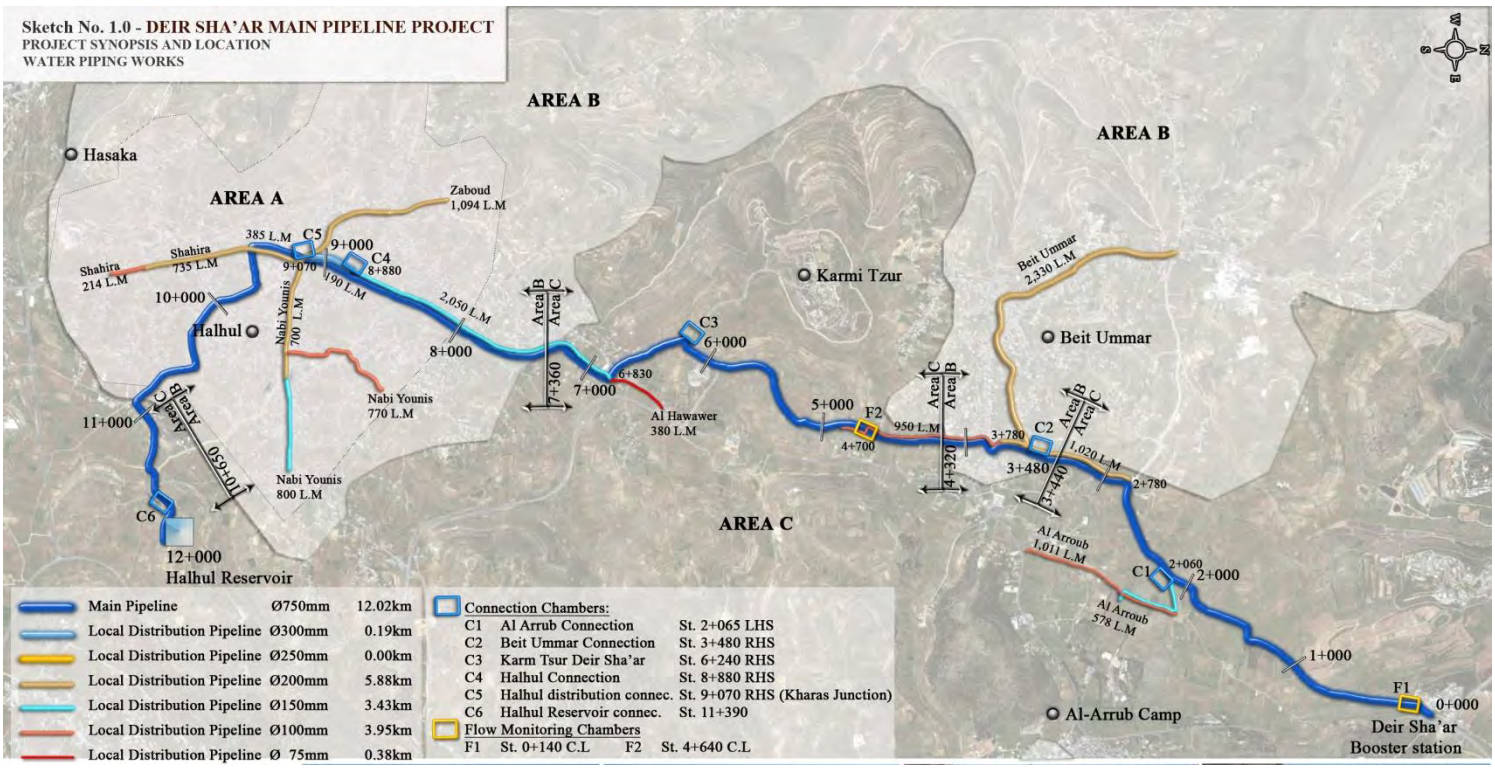

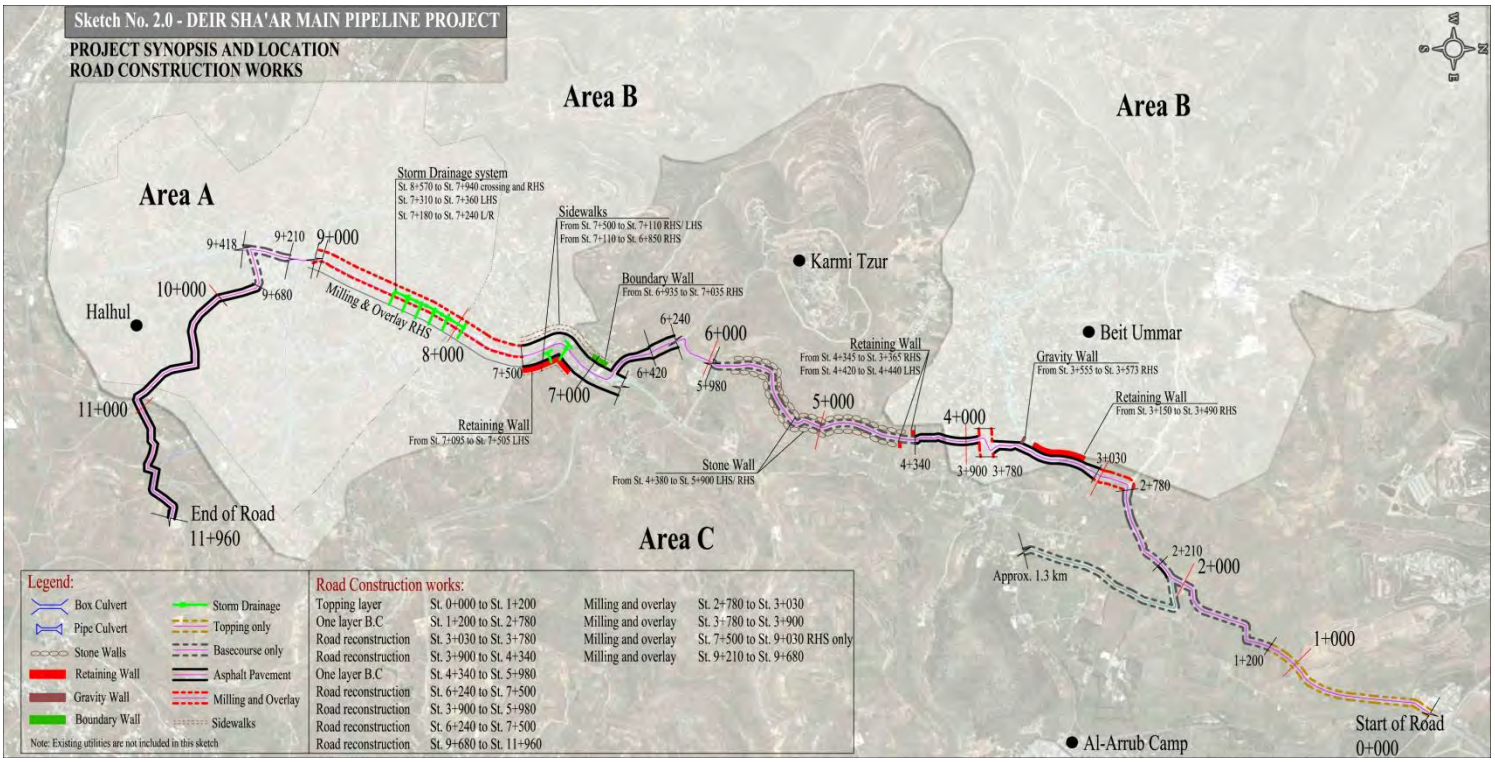

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SAFETY:
During this reporting period, no accidents were reported, zero Notices of Unsafe Condition (NUCs) were issued and 2 toolbox talks were conducted as detailed below:

Date	Tool Box No.	Location	Description
February 11, 2015	STBM-00016-C-E-017	Beit Ummar Site	PPE, Scaffolding safety measures and housekeeping.
February 15, 2015	STBM-00016-C-E-018	Halhul Storage Yard	General safety refreshment.

ENVIRONMENTAL COMPLIANCE:
Environmental mitigation plan addressing the responsive actions to special conditions was submitted to CMC. Approval on this plan was received on Feb. 02, 2014. Environmental mitigation plan measures; public and labors safety measures were implemented during this reporting period. January 2015 ECL was received on Feb. 04, 2015 indicating the following site-specific concerns: 1) stockpiling and dumping in private lands 2) Excavated materials along project roads and 3) land restoration for several used sites by the contractor. APCO will work on CMC notifications to close pending ECLs (November, December and January) in March 2015.

TRAFFIC CONTROL MEASURES:
For road segments that are located in Area A and B, copies were prepared, stamped and approved by the Traffic Higher Council at the Palestinian Ministry of Transport and local councils.

Traffic control plans for Halhul water distribution network - Zaboud water pipeline was submitted and approved on June 19th, 2014. Halhul water distribution network – Shahera water pipeline, traffic plan was submitted to CMC and returned back Action C (revise resubmit). Traffic Control Plan for Al Arrub internal networks was submitted on July 08, 2014 and returned back on July 09, 2014 as Action C (revise resubmit). Traffic control plan for Al Nabi Younes Intersection from St.9+040 to St. 9+100 was submitted and approved on July 15, 2014. Traffic control plan for Al Nabi Younes Intersection 6" & 8" from Sta.0+000 to Sta.1+300 was submitted and approved on Sep. 22, 2014. Traffic control plan for main pipeline from St. 7+500 to St. 9+100 was approved on Sep. 11, 2014, from 2+800 to St. 4+200 was approved on Oct. 15, 1014 and from St. 6+280 to St.6+820 was submitted on Dec. 28, 2014 . Traffic control plan for Al Nabi Younes Intersection 4" internal network from Sta.0+000 to Sta.0+600 was approved on Dec. 14, 2014. Traffic control plan for works from St.9+400 to St. 12+007 was submitted and approved on Feb. 16, 2015.

Traffic plans for road segments located in Area C were stamped and approved by Israeli and Palestinian related authorities and submitted to CMC. A conditional written approval from DCL was received on February 20, 2014 for traffic plan from St. 0+000 to St. 2+800, and Maatz approval was received for phase 01 traffic plan from St. 0+000 to St. 2+800 on April 8th, 2014. Final written approval for Phase I was received from DCL on May 04th, 2014. Traffic plan for road and water works from St. 6+800 to St. 7+500 was prepared and submitted for CMC's approval on May 13th, 2014, and from St. 4+220 to St. 5+500 was submitted and approved on Sep. 22, 2014. APCO/ArCon is working on preparing and approving traffic plans for remaining road segments that are located in Area C and receiving the required approvals from the Traffic Department at ICA on traffic plans in Area C.

APCO conducted coordination meeting, calls and emails with both Hebron and Bethlehem DCL regarding the pipeline stretch in Area C (from St. 4+300 to St. 5+900) and survey works near Gush Ezyon at the start of the project. Coordination where also conducted in January and verbal approval was received on January 12, 2015 to start pipeline installation works in Area C (from St. 0+140 to St. 0+000) near Gush Ezyon between Jan. 18 and Jan. 22, 2015 then to move and work from St. 6+220 to St. 5+800 on Jan. 24, 2015.

Maatz and Israeli police approvals to commence the work near Karmi Tzur were received, Israeli Army approval was received on Dec. 04, 2014, APCO mobilized immediately upon getting the Israeli Army approval, multiple equipment were delivered, detour was made passable by 8:15 pm, safety was implemented according to permit requirements with Israeli approved company, work started in earnest and continued all night long, housekeeping and washing of the road were performed as well. APCO started coordination with Maatz to receive an approval to start 30" pipeline installation beside Karmi Tzur Entrance Road.

COMMUNITY OUTREACH, PUBLIC INFORMATION AND GENDER CONSIDERATION:
Coordination with local councils, utility owners continued to be conducted during this reporting period as detailed below:

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COORDINATION:
During this reporting period, the following coordinations and meetings occurred :

Date	Attendees	Subject	Description
February 04, 2015	Beit Ummar Municipality – Nabil Alqam. APCO/ArCon- Eng. Mohammad Halayqa,	Coordination meeting	Follow up progress of chambers construction at St.3+780 and St.2+320.
February 07, 2015	Halhul Municipality- Mohammad Dhaidel Black & Veatch – Ghaleb Najajra APCO ArCon – Mohammad Halayqa & Hadi Wreidat.	Coordination meeting	To determine the location and depth of proposed storm water pipes.
February 11, 2015	USAID – Sonia Massis (By telephone) PWA – Taher Safi Black & Veatch – Adnan Safi, Maher Awawdeh, Ghaleb Najajra, Malek Najajra and Isra'a Odeh. APCO ArCon- Mohammad Halayqa, Najim Saymuah, Amani Krunz, Ibrahem Hinde and Ahmad Najajra.	Bi-weekly Progress meeting	Review progress of work, safety, quality and discuss project issues.
February 24, 2015	PWA/WPWD- Taher Safi, Zaidan Huraini USAID- Sonia Massis, Fouad Salman Mekorot - Kineret Cohen , Yair Siskel Black & Veatch- Dr. Daoud Qawasmeh, Ryan Shy, Khaled Haramy, Ibrahim Ansari, Maher Awadeh, Ghaleb Najajreh APCO ArCon- Najim Saymuah, Ibrahim Hinde, Mohammad Halayqa, Hadi Wreidat, and Helal Shakarneh	Coordination meeting	This meeting was organized to coordinate the following aspects that require input from all parties involved: 1- Surge Tank placement within or nearby Deir Sha'ar pump station. 2- Connection of 30 inch pipeline to existing Deir Sha'ar pump station. 3- Karmi Tzur connection.
February 25, 2015	Halhul Municipality- Dr. Wajdi Melhem, Mohammad Dhaidel, Hani Mereb. Black & Veatch- Dr. Daoud Al Qawasmeh, Adnan Azazmeh, Maher Awawdeh and Adnan Safi. APCO/ArCon – Mahmoud Jaradat, Amani Krunz, Ahmad Najajra and Najim Saymuah	Coordination meeting	Emergency meeting to assess the condition of Halhul roads after the recent snow storm and to agree on remedial and rehabilitation works.
February 28, 2015	Beit Ummar Municipality- Nabil Alqam APCO/ArCon – Mohammad Halayqa, and Fadi Najajra	Coordination meeting	Discuss entrance of land beside retaining wall at St.3+224, and Beit Ummar Municipality action to remove accumulated backfill materials within R.O.W. from St.2+680 to St.2+780 as a result of Municipality excavation works and relocation of electricity pole at St.2+780.
February 28 , 2015	Halhul Municipality- Mohammad Dhaidel Black & Veatch – Ghaleb Najajra APCO ArCon – Ahmad Najajra	Coordination meeting	Follow up progress of remedial and rehabilitation work in Halhul roads as agreed on Feb. 25 coordination meeting.

SITE VISITORS: During this reporting period, the following visits have occurred:

Date	Organization	Location	Description
Task Order 16			
February 11, 2015	USAID- Mr. Sonia Massis	30" main pipeline – Halhul site	Site visit to follow-up work progress.
February 17, 2015	USAID- Ms. Sonia Massis	30" main pipeline – Halhul site	Site visit to follow-up work progress, quality and Safety.
February 24, 2015	USAID- Ms. Sonia Massis PWA – Taher Safi	30" main pipeline – Deir Sha'ar pump station site	Site visit and meeting to follow-up and coordinate Surge Tank placement within or nearby Deir Sha'ar pump station and connection of 30 inch pipeline to existing pump station.
February 26, 2015	USAID - Sophie Taintor. Mark Peters and Kamal Kasbary PWA- Minister Mazen Ghunaim, WPWD- Khalil Ghabeish	30" main pipeline – Halhul site	Site visit to follow-up work progress, quality and Safety.

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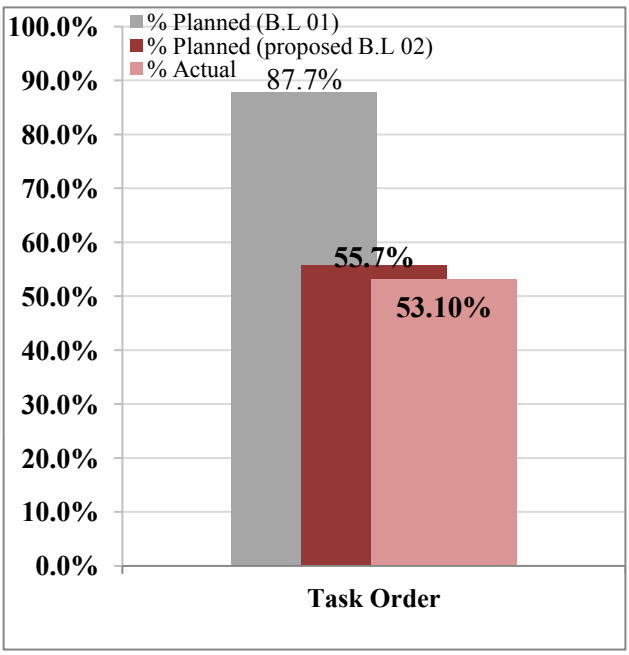
MATERIAL OR EQUIPMENT DELIVERED TO SITE:

Please refer to **Annex A-** Equipment and Material receiving log.

PROGRESS and SCHEDULING:

% of Completion:

- Excavation	55%
- Topping	25%
- Basecourse 20cm	33%
- Concrete works	88%
- Installation steel pipes (100mm)	95%
- Installation steel pipes (150mm)	85%
- Installation steel pipes (200mm)	100%
- Installation steel pipes (300mm)	100%
- Installation steel pipes (760mm)	76.5%
- Chambers Construction	60%
- Asphalt reinstatement (internal networks)	75%
- Asphalt reinstatement (main pipeline)	51%



Overall percentages of completion are :

Completion%	T.O
Planned BL1 %	87.7%
Planned BL2-Proposed %	55.7%
Actual %	53.1%
Total Float	-6 Days

Refer to **Appendix C** Progress s-curve planned versus Actual.

Project is 6 days behind schedule according to proposed baseline 02. During February works slowed down due to bad weather (rainy and snow weather) that totally stopped works for several days. USAID COR sent an email expressing progress concerns regarding 1) 30" pipeline installation and 2) delivery and installation of valves and fittings. APCO responded on Feb. 10, 2015 including an updated chambers construction progress log, long lead items schedule and APCO work plan in 3 phases to mitigate the encountered delay in chambers and fittings installation by working on multiple concurrent activities at more than one phase. APCO will also increase resources and benefit from the coming good weather and long daylight to mitigate occurred delays; night work will be performed also when applicable. In addition APCO will continue efforts to increase the productivity of 30" pipeline installation per day by increasing the number of welders to maximize the number of pipe installed. APCO will also increase work forces and resources working on chambers construction.

ACTIVITIES DURING THIS REPORTING PERIOD:

- Continue survey works and preparation and submitting of material and shop drawing submittals.
- Continue implementation of traffic control plan.
- Continue delivery of pipes and fittings.
- Continue construction of retaining wall from St.3+226 to St.3+275 RHS (90% complete).
- Continue construction of retaining wall from St.3+420 to St.3+460 RHS (50% complete).
- Complete construction of retaining wall from St.4+420 to St.4+440 LHS (100% complete).
- Finish Backfill works in front of retaining walls from St. 7+365 to St.7+389 LHS (100% complete).
- Continue construction of retaining wall from St.3+150 to St.3+200 RHS (10% complete).
- Continue excavation of trench, bedding, installation of 760 mm steel pipes and backfill from St. 7+527 to St. 6+824 and from St. 9+417 to St. 9+538. Total length of 30" pipes installed through end of February 2015 is 9,137.58 l.m.
- Continue base course layer preparation for 30" main pipeline from St. 5+600 to St. 5+300, and from St. 3+900 to St.4+270, St.3+620 to St. 3+780 and from St.6+240 to St. 6+800 (80% complete).
- Continue construction of flow monitoring chamber at St. 1+280 for (90% complete)
- Finish construction works for the chambers' civil work at main road connection to existing at St. 3+780, air release valve at St. 4+082, St.4+993, air release valve at St.6+600 and St. 5+607 connection to existing and washout at St. 2+320, washout and gate valve at St. 4+593 (100% complete).
- Continue civil works for chambers at: washout at mainline St. 2+857, washout at St. 7+192, flow monitoring at St. 4+625, and flow monitoring at St. 11+900.
- Total pipes installed up to the end of this reporting period:

30" pipes	9,137.58 l.m
8" pipes	6,246.91 l.m
6" pipes	3,054.84 l.m
4" pipes	3,240.38 l.m

PLANNED ACTIVITIES FOR NEXT MONTH:

- Continue survey works, preparation and submitting of material and shop drawing submittals.
- Continue implementation of traffic control plan.
- Continue delivery of pipes and fittings.
- Continue excavation and installation of 30" pipeline from St. 5+838 to St. 6+220.
- Continue excavation and installation of 30" main pipeline from St. 9+538 to St. 11+000.
- Start excavation and installation of 500 and 800 mm storm water drainage system from St.8+540 to St.7+960 and from St.7+180 to St. 7+240.
- Continue civil works for chambers at main pipeline as the following: washout at St. 2+857, St. 5+894 and at St.7+192, air release valve at St. 8+875, St. 9+210, St. 9+240, St. 6+040, 3 flow monitoring chambers at St. 4+625, St.1+280 and St.11+900, gate valve chamber at St.0+804 (Beit Ummar network), Halhul main connections at St. 8+890, and Zaboud network chambers (air release valve at St. 0+208 and gate valve at St. 0+160).
- Continue sub-grade works at 30" main pipeline from St. 5+040 to St. 4+630 and from St. 6+800 to St. 7+500.
- Milling and overlay for road from St. 7+950 to St. 7+500 and from St. 8+600 to St. 9+060.
- Continue construction of retaining wall from St.3+234 to St.3+276 RHS.
- Continue construction of retaining wall from St.3+380 to St.3+464 RHS.
- Continue construction of retaining wall from St.3+150 to St.3+224 LHS.
- Start excavation and installation of Al Hawawer 3" internal network from St. 0+000 to St. 0+380.
- Start works for stone walls from St. 4+370 to St. 5+200.

Refer to **Appendix B** for detailed time schedule for each project, completed and in-progress activities.

INDICATOR NO. 01- Number of pipelines installed, road constructed or repaired through USG assistance:

Road Sector-	
Total Road reconstruction (100% Completed)	0.00 Km
Target value	10.0 Km
Number of kilometers constructed or repaired through end of this reporting period	**0.00** Km
Water Sector-	
Total Pipelines installed (100% Completed)	0.00 Km
Target value	24.5 Km
Number of kilometers of pipelines installed through end of this reporting period=	**0.00** Km

WORKING / NON-WORKING DAYS

1	Total Period of Performance (Original)	550
2	Total Excusable delays/approved extensions	30
3	Modified Period of Performance	580
4	Modified Completion Date	June 08, 2015
5	No. of Working Days during this reporting Period	21
6	Accumulated Working Days	382
7	Total No. of non-working days (Holidays and weekends) during this reporting Period	4
8	Accumulated non-working days (Holidays and weekends)	76
9	No. of other non-working days during this month**	3
10	Accumulated other non-working days	22

** Work stopped due to snow storm and rainy weather.

INDICATOR NO. 2: GENERATED PERSON-DAYS OF EMPLOYMENT:

All reported materials are up to date and meet the five quality data standards (Clause H.9).

This indicator count only local Palestinian staff whose time is charged to the USAID activity (the Contractor at the "prime" and "first tier" subcontractor level only). Neither expatriate person days of employment (i.e. those worked by American or

other Third Country National staff) nor management nor administrative person days of employment (i.e. program level and other general and administrative staff shared among multiple task orders) are included. All reported person-days are calculated based on the approved Daily Joint Reports.

Task Order

- Target value= **23,058**
- Employment generated previously = 16,454.6≈ 16,455 Man-Days (Audited up to Oct. 31, 2013)
- Employment generated this month =1,238.4 ≈ 1,238 Man-Days
- Total cumulative employment generated to-date (Male and Female) =**17,693** Man-Days
- Total cumulative female employment generated previously = 1,527 Hours = 191 Man-Days
- Total female employment generated this month=0 Hours = 0 Man-Days
- Total cumulative female employment to-date=1,527 Hours = **191** Man-Days

Total Job Days	**No. of Full Time Equivalent (FTE) Jobs =** (Total Job Days / 23.8)
Generated previously = 16,455 Man-days	Generated previously = 691.4≈ 691
During this reporting period = 1,238 Man-days	During this reporting period = 52
Total generated to-date = **17,693** Man-days	Total generated to-date = **743.4≈ 743** (numbers are rounded to nearest FTE)

SITE MEMO:

See Appendix D Site Memos log up to this reporting period.

PROCUREMENT:

Feb. 01, 2015	30" Pipes	QTY 146.40 l.m
Feb. 02, 2015	30" Pipes	QTY 146.40 l.m
Feb. 03, 2015	30" Pipes	QTY 146.40 l.m
Feb. 05, 2015	30" Pipes	QTY 146.40 l.m
Feb. 08, 2015	30" Pipes	QTY 146.40 l.m
Feb. 09, 2015	30" Pipes	QTY 146.40 l.m
Feb. 23, 2015	30" Pipes	QTY 036.60 l.m
	6" Pipes	QTY 122.00 l.m
Feb. 26, 2015	4" Pipes	QTY 549.00 l.m

APCO submitted a donation number request letter to USAID on Oct. 21, 2014 and then to the Finance Ministry on Oct. 23, 2014 for items to be purchased from India (Stainless steel stud bolts, nuts, washers and Flanges). On November 06, 2014 donation number was approved by the PA customs (#7995) and final approval was received from the Israeli customs department on November 23, 2014. These materials shipment arrived Ashdod port on Feb. 25, 2015.

For the Bladder Surge Tank donation number request letter was submitted to USAID on Dec. 07, 2014 and then to the Finance Ministry on Dec. 17, 2014 on the same day donation number was approved by the PA customs (#8090) and final approval was received from the Israeli customs department on January 22, 2015. A meeting was conducted on Feb. 24, 2015 with Mekorot, DCL, USAID, BV and PWA to coordinate surge tank placement within or nearby Deir Sha'ar pump station. Mekorot supplied the contractor with names and telephone numbers of two Mekorot engineers from separate Mekorot departments who keep records of all as-built works, the contractor will contact them and supply them with necessary information.
USAID and BV reminded that this project has been permitted by COGAT and ICA including the surge tank, and data in connection with the work was submitted on different occasions.

INSPECTION REQUEST:

Up to this reporting period **860** inspection requests were issued as follow:

SHT	**No. of IRs**	**No. Reviewed**	**No. Pending**	**% No Exception Noted**	**% Make Corrections Noted**	**% Amend-Resubmit**	**% Rejected-Resubmit**
Total	859	859	0	719	6	127	7
%		100%	0.0%	83.7%	0.7%	14.8%	0.8%

Please refer to **Appendix E-** Inspection Requests log.

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Non Compliance Report Log - NCR -

No NCRs were issued during this reporting period.

QUALITY CONTROL AND TEST RESULTS:

Up to this reporting period **324** test reports were submitted as follow:

SHT	No. of Tests	No. Reviewed	No. Pending	% No Exception Noted	% Make Corrections Noted	% Amend-Resubmit	% Rejected-Resubmit	% Review No Required
No.	324	320	4	299	4	16	1	0
%		98.8%	1.2%	92.3%	1.2%	4.9%	0.3%	0.0%

Tests Log summary table up to this reporting period

Material Description	Test description	Number of tests	Pass	Fail	Notes (Action taken for failed tests)
Concrete	Concrete Compressive Strength Report	143	143	0	Material passed but 2 Submittals were returned as R.R as the CMC requested to modify the stations. And 1 submittal was returned as Revision E (review not required) as the test was submitted twice.
Bedding Material Aggregates	Crushed Limestone Aggregates	24	24	0	Material passed but the 2 Submittals were returned as R.R as the CMC requested to modify the stations.
Base Course	Base Course / Loose Sample	9	9	0	Material passed but the 2 Submittals were returned as R.R as the CMC requested more data to be added to the reports description
Fill Materials	Single Size Aggregates	16	16	0	
Radiographic Examination Interpretation	Welded Joints	7	6	1	3 Submittals were returned as revise resubmit, the CMC requested RT negative films and pipe book to be attached to the submittals and more quality assurance for tested welds in one submittal. APCO submitted requested data for one submittal and will close all pending submittals. 1 report returned as 2 welds were not acceptable, repairs were conducted and approved.
Steel	Reinforcement Steel Bars	4	4	0	
Soil	Backfill aggregate comprehensive	1	1	0	
Asphalt	Bituminous mixture	16	16	0	
Backfill Materials	Field Density Test	48	48	0	Material passed but the 2 Submittals were returned as R.R as the CMC requested to modify the stations.
Topping & Base course material	Soil Aggregate Material Test	43	41	2	Material was improved and tested.
Ultrasonic Inspection Report	Welded Joints	16	12	0	Two submittals were requested to be revised to include a pipe book and additional data. The two reports were revised according to CMC comments and approved. 4 pending submittals
Cast Iron Cover	Strength test	1	1	0	

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SUBMITTALS:

- **See Appendix F** Submittals log for this reporting period including test submittals.

Up to this reporting period **535** submittals were submitted as follow:

SHT	No. of Submittals	No. Reviewed	No. Pending	% No Exception Noted	% Make Corrections Noted	% Amend-Resubmit	% Rejected-Resubmit	% Review No Required
No.	535	531	4	24	301	166	5	35
%		99.3%	0.7%	4.5%	56.3%	31.0%	0.9%	6.5%

RFI:

- **See Appendix G** RFI's log for this reporting period.

TRANSMITTALS:

Outgoing / Incoming USAID Transmittals (USAID/ APCO/ArCon)

Date	Contractor Trans. No.	Sender/Recipient	Subject
February 01 ,2015	By Email	APCO/ArCon/ USAID	RE: COR Approval: T.O 16- Monthly Report- December 2014- COR comments - Revised
February 02 ,2015	By Email	USAID/ APCO/ArCon	Contracting Officer's Monthly Meeting No. 14
February 02 ,2015	By Email	USAID/ APCO/ArCon	Re: 30" Pipe Connection to Deir Shaar Station
February 02 ,2015	By Email	USAID/ APCO/ArCon	Task Order 13-00016- Progress Concern Notice
February 02 ,2015	By Email	USAID/ APCO/ArCon	CPARS Notification
February 02 ,2015	By Email	USAID/ APCO/ArCon	Revised agenda for the Monthly CO Meeting No. 14
February 04 ,2015	By Email	USAID/ APCO/ArCon	Re: 30" Pipe Connection to Deir Shaar Station
February 04 ,2015	By Email	USAID / APCO/ArCon	Re: Kurdieh Site Visit - February 03 2015
February 04 ,2015	By Email	APCO/ArCon/ USAID	T.O 16- Monthly Report- January 2015- Draft
February 09 ,2015	By Email	USAID / APCO/ArCon	CPARS Notification
February 10 ,2015	By Email	APCO/ArCon/ USAID	RE: Task Order 13-00016- Progress Concern Notice
February 13 ,2015	By Email	USAID / APCO/ArCon	COR COMMENTS: T.O 16- Monthly Report- January 2015- Draft
February 14 ,2015	By Email	APCO/ArCon/ USAID	RE: COR COMMENTS: T.O 16- Monthly Report- January 2015- Modified
February 16 ,2015	By Email	APCO/ArCon/ USAID	REMINDER: COR Approval: T.O 16- Monthly Report- December 2014- COR comments - Revised
February 16 ,2015	By Email	USAID / APCO/ArCon	Re: REMINDER: COR Approval: T.O 16- Monthly Report- December 2014- COR comments - Revised
February 16 ,2015	By Email	APCO/ArCon/ USAID	Re: REMINDER: COR Approval: T.O 16- Monthly Report- December 2014- COR comments - Revised
February 18 ,2015	By Email	USAID / APCO/ArCon	COR Approval: T.O 16- Monthly Report- January 2015- Modified
February 18 ,2015	By Email	APCO/ArCon/ USAID	RE: COR Approval: T.O 16- Monthly Report- January 2015- Modified
February 21 ,2015	By Email	USAID / APCO/ArCon	Re: Preparation for inclement weather
February 23 ,2015	By Email	USAID / APCO/ArCon	Long Lead Equipment/Material - Task Order 13-00016
February 23 ,2015	By Email	APCO/ArCon/ USAID	RE: Long Lead Equipment/Material - Task Order 13-00016
February 27 ,2015	By Email	APCO/ArCon/ USAID	RE: Long Lead Equipment/Material - Task Order 13-00016

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Outgoing / Incoming Consultant Correspondences (B&V/ APCO/ArCon)

Date	Contractor Trans. No.	Sender/Recipient	Subject
February 02 ,2015	By Email	B&V/APCO/ArCon	RE: 30" Pipe Connection to Deir Shaar Station
February 03 ,2015	By Email	APCO/ArCon/B&V	Kurdieh Site Visit - February 03 2015
February 04 ,2015	By Email	APCO/ArCon/B&V	RE: Kurdieh Site Visit - February 03 2015
February 04 ,2015	By Email	B&V/APCO/ArCon	RE: 30" Pipe Connection to Deir Shaar Station
February 04 ,2015	By Email	APCO/ArCon/B&V	bladder tank manufacturing/Delivery
February 05 ,2015	By Email	APCO/ArCon/B&V	All Task Orders- Geo-MIS Data - January 2015
February 05 ,2015	By Email	APCO/ArCon/B&V	planned activities for Saturday Feb.07,2015
February 05 ,2015	By Email	B&V/APCO/ArCon	RE: bladder tank manufacturing/Delivery
February 06 ,2015	By Email	B&V/APCO/ArCon	Deir Shaar pipeline
February 06 ,2015	By Email	APCO/ArCon/B&V	FW: Shipment at Mumbai port pictures- TO15 and TO16
February 07 ,2015	By Email	APCO/ArCon/B&V	RE: bladder tank manufacturing/Delivery
February 07 ,2015	By Email	B&V/APCO/ArCon	RE: TO 13-00016 SHT: Cameras for SHT
February 07 ,2015	By Email	B&V/APCO/ArCon	RE: bladder tank manufacturing/Delivery
February 08 ,2015	By Email	APCO/ArCon/B&V	Camera's replacement - (7) -TO 13-00016
February 09 ,2015	By Email	B&V/APCO/ArCon	TO 13-00016 SHT: Progress Meeting #019_Agenda
February 09 ,2015	By Email	APCO/ArCon/B&V	RE: TO 13-00016 SHT: Progress Meeting #019_Agenda
February 09 ,2015	By Email	B&V/APCO/ArCon	RE: TO 13-00016 SHT: Progress Meeting #019_Agenda
February 09 ,2015	By Email	APCO/ArCon/B&V	RE: TO 13-00016 SHT: Progress Meeting #019_Agenda
February 10 ,2015	By Email	APCO/ArCon/B&V	FW: 30" Pipe Connection to Deir Shaar Station
February 10 ,2015	By Email	B&V/APCO/ArCon	TO 13-00016SHT: 30" installation works near Karmi Tzur
February 10 ,2015	By Email	APCO/ArCon/B&V	Update chambers log
February 10 ,2015	By Email	APCO/ArCon/B&V	RE: TO 13-00016SHT: 30" installation works near Karmi Tzur
February 12 ,2015	By Email	APCO/ArCon/B&V	Planned Activities
February 12 ,2015	By Email	B&V/APCO/ArCon	Traffic Sign Materials Specifications - All roads
February 16 ,2015	By Email	B&V/APCO/ArCon	RE: TO13-00016SHT:As-Built Red Marks
February 16 ,2015	By Email	B&V/APCO/ArCon	All Task Orders: As-Built Drawings Submittal delays
February 16 ,2015	By Email	B&V/APCO/ArCon	TO 13-00016 SHT: Draft MOM-13-00016-SHT-019-Feb 11 2015
February 16 ,2015	By Email	APCO/ArCon/B&V	RE: TO13-00016SHT:As-Built Red Marks
February 16 ,2015	By Email	B&V/APCO/ArCon	RE: TO13-00016SHT:As-Built Red Marks
February 16 ,2015	By Email	B&V/APCO/ArCon	RE: All Task Orders: As-Built Drawings Submittal delays
February 16 ,2015	By Email	B&V/APCO/ArCon	RE: All Task Orders: As-Built Drawings Submittal delays
February 17 ,2015	By Email	APCO/ArCon/B&V	FW: Surge System_Quotation_A01142BA2
February 17 ,2015	By Email	B&V/APCO/ArCon	RE: Revised agenda for the Monthly CO Meeting No. 14
February 17 ,2015	By Email	B&V/APCO/ArCon	All TO: Expected rainy Weather and snow fall
February 18 ,2015	By Email	B&V/APCO/ArCon	TO 13-00016 SHT: MOM-13-00016-SHT-019-Feb 11 2014
February 18 ,2015	By Email	APCO/ArCon/B&V	As-Built Drawings Submittal
February 19,2015	By Email	APCO/ArCon/B&V	Expected Inclement Weather
February 19 ,2015	By Email	B&V/APCO/ArCon	RE: As-Built Drawings Submittal
February 19 ,2015	By Email	APCO/ArCon/B&V	Preparation for inclement weather
February 21 ,2015	By Email	APCO/ArCon/B&V	RE: Preparation for inclement weather
February 21 ,2015	By Email	B&V/APCO/ArCon	RE: Preparation for inclement weather
February 22 ,2015	By Email	APCO/ArCon/B&V	RE: As-Built Drawings Submittal - meeting
February 22 ,2015	By Email	B&V/APCO/ArCon	RE: As-Built Drawings Submittal - meeting
February 22 ,2015	By Email	APCO/ArCon/B&V	RE: As-Built Drawings Submittal - meeting
February 22 ,2015	By Email	B&V/APCO/ArCon	RE: As-Built Drawings Submittal - meeting
February 22 ,2015	By Email	APCO/ArCon/B&V	Stoppage Works
February 23 ,2015	By Email	APCO/ArCon/B&V	Poles To Be Relocated
February 23 ,2015	By Email	B&V/APCO/ArCon	RE: Stoppage Works
February 23 ,2015	By Email	APCO/ArCon/B&V	RE: Stoppage Works

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Date	Contractor Trans. No.	Sender/Recipient	Subject
February 23 ,2015	By Email	B&V/APCO/ArCon	RE: Stoppage Works
February 24 ,2015	By Email	B&V/APCO/ArCon	FW: TO 13-00016 SHT: Letter from Hebron Electric
February 24 ,2015	By Email	B&V/APCO/ArCon	All Task Orders: Core Tests Practice - Testing Labs
February 25 ,2015	By Email	B&V/APCO/ArCon	RE: 30" Pipe Connection to Deir Shaar Station
February 25 ,2015	By Email	APCO/ArCon/B&V	Night Work
February 25 ,2015	By Email	B&V/APCO/ArCon	TO 13-00016SHT: Night Work
February 25 ,2015	By Email	B&V/APCO/ArCon	Deir Shaar Hydraulic BODR Formatted Version
February 26 ,2015	By Email	B&V/APCO/ArCon	TO13-00016:Emergency Meeting with Halhul Municipality
February 26 ,2015	By Email	APCO/ArCon/B&V	Saturday works
February 26 ,2015	By Email	APCO/ArCon/B&V	RE: TO13-00016SHT:Emergency Meeting with Halhul Municipality
February 28 ,2015	By Email	B&V/APCO/ArCon	RE: TO 13-00016: CMC review comments on SUB No. 344A - Storm water shop drawings from sta. 7+940 to sta. 8+570.
February 28,2015	By Email	APCO/ArCon/B&V	RE: TO 13-00016: CMC review comments on SUB No. 344A - Storm water shop drawings from sta. 7+940 to sta. 8+570.

PAYMENTS:

Voucher Number	Submitted Date	Amount	Retention Amount	Amount Received	Date Received
01	January 21, 2014	$ 565,013.45	$0.00	$ 565,013.45	January 31, 2014
02	April 07, 2014	$ 59,047.20	$0.00	$ 59,047.20	April 30, 2014
03	May 07, 2014	$ 65,195.75	$0.00	$ 65,195.75	May 23, 2014
04	June 12, 2014	$ 260,650.49	$0.00	$ 260,650.49	June 27, 2014
05	July 17, 2014	$ 584,233.29	$0.00	$ 584,233.29	August 13, 2014
06	Sep. 09, 2014	$ 900,255.02	$0.00	$ 900,255.02	Sep. 22, 2014
07	Oct. 27, 2014	$ 1,499,506.90	$0.00	$ 1,499,506.90	Nov. 07, 2014
08	Nov. 30, 2014	$ 862,294.92	$0.00	$ 862,294.92	Dec. 15, 2014
09	Jan. 15, 2015	$ 1,115,674.52	$0.00	$ 1,115,674.52	Jan. 29, 2015
10	Feb. 11, 2015	$ 785,754.80	$0.00	$ 785,754.80	Feb. 19, 2015
Total		**$6,697,626.34**	**$0.00**	**$6,697,626.34**	
APCO/ArCon total accrued expenditures			**$1,662,931.89**		

VARIATION ORDERS

VO No.	DESCRIPTION	VO Status (AP/PE/RE/RJ)			Date Sent to B&V	USAD Approval Date	Variation order Amount	Time Ex.
		APCO	B&V	USAID				
01	Substitution of Concrete New Jersey Barriers with Steel Guardrails. New Definitive Quantities due to Substitution of Boulders Wall (Marabee) with Reinforced Concrete Walls and Correction of Typo Errors in the Bill of Quantities.	AP	AP	AP	June 23, 2014	July 02, 2014	$210,185.00	00
02	De-scoping of Dirt Roads Asphalt Overlay in Area C, Asphalt Reinstatement Over Distribution Pipelines' Trenches, Substitution of the Surge Control System with Bladder Surge System and New Project Definitive Quantities	AP	AP	AP	Nov. 17, 2014	Nov. 26, 2014	$(600,830.50)	00
03	New Alignment For the 30" Transmission Pipeline, Additional Asphalt Work and Time Extension.	AP	AP	AP	Dec. 31, 2014	Jan. 21, 2015	$530,894.00	30

AP: Approved PE: Pending RE: Revise RJ: Rejected

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VARIATION ORDER REQUESTS:

VOR No.	DESCRIPTION	Date Sent to B&V	Variation order Amount	Time Ex.
01-A	Use of steel protection rail instead of New Jersey barriers.	March 23, 2014	$0.00 Approved - VO#01	00 Day
02-A	New definitive quantities (Concrete, Steel Bar, Structural excavation, & Stone Boulders)	May 15, 2014	$465,250.00 Approved -VO#01	00 Day
03-A	New Item; 1) Construction of Road Embankment due to elimination of Stone Boulders with Concrete walls. 2) Asphalt reinstatement over trenches.	June 12, 2014	$534,110.12 Revise Resubmit	00 Day
03-B	New item- Asphalt restoration works over 8", 6", 4" and 3" water network trenches.	Aug. 20, 2014	$163,251.68 Revise Resubmit	00 Day
03-C	New item (Asphalt restoration works over 8", 6", 4" and 3" water network trenches)		$ 136,341.36 Closed under VO#02	00 Day
04-A	New item- Bladder Surge System	Sep. 30, 2014	$89,560 Rejected	00 Day
04-B		Nov. 9, 2014	$ 43,450.00 Closed under VO#02	00 Day
05-A	New items- Additional backfilling works from sta. 7+100 to sta. 7+500.	Oct. 12, 2014	$60,720 Rejected	00 Day
05-B	New items- Additional backfilling works from sta. 7+100 to sta. 7+500.	Dec. 30, 2014	$43,501.6 In Progress	00 Day
06-A	New items- Connection chamber at sta. 1+280 changes in the requirements.	Oct. 12, 2014	$11,716 In Progress	00 Day
07-A	Time extension - Changing 30" waterline alignment from sta. 9+070 to sta. 11+500 (revised design), cost and time impact.	Oct. 30, 2014	$266,750 Closed under VO#03	37 Days
08-A	New items- Changing 30" waterline alignment from sta. 9+070 to sta. 11+500 (revised design).	Oct. 30, 2014	$110,700 Closed under VO#03	00 Day
09-A	Changes in requirements, revised scope of work and new items: Revised design chamber requirements.	Nov. 18, 2014	To be Evaluated In progress	00 Day
10-A	Changes in the requirements and additional works: Geotechnical Investigation for the Revised Pipeline Alignment from Sta. 9+070 to Sta. 12+000.	Dec. 04, 2014	$7,500 Closed under VO#03	00 Day
11-A	Changes in the requirements and revised scope of work: New common Trench details.	Dec. 22, 2014	To be Evaluated In progress	00 Day
12-A	Additional works: Cathodic Protection for certain segments of main water pipeline.	Dec. 23, 2014	$149,593.50 Revised	18 weeks from start to finish
12-B	Additional works: Cathodic Protection for certain segments of main water pipeline.	Dec. 29, 2014	$139,944.50 Closed under VO#03	18 weeks from start to finish
13-A	Changes in the requirements and revised scope of work: New Storm Water Pipe line (500,800 and 1000) mm	Feb. 05, 2015	To be Evaluated Revised	To be submitted later
13-B		Feb. 26, 2015	To be Evaluated In progress	
14-A	Changes in the requirements and revised scope of work: Trench zone and final backfill and Asphalt reinstatement	Feb. 18, 2015	To be Evaluated In progress	00 Day

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OBSTACLES AND CHALLENGES

Obstacle	Action
1. Slow work progress of 30" pipeline installation and chambers construction due to rainy and snow weather during February, work was stopped totally during the snow storm between Feb. 21, 2015 and Feb. 22, 2015.	1. APCO performed digging only during rainy weather and will increase resources and benefit from the coming good weather and long daylight to mitigate occurred delays, night work will be performed also when applicable.
2. Landowners' objections on sub-grade preparation and work stoppage from St. 3+580 to St. 3+620 on Dec. 31, 2014 up to date.	2. APCO informed the CMC via. email and will coordinate with Beit Ummar Municipality to solve this issue. Issue is still pending.
3. Subgrade preparation works stoppage due to changing road centerline by Beit Ummar and Halhul Municipalities after finishing all excavation works from Sta. 4+880 to Sta.5+640 requesting road widening.	3. CMC was informed regarding the two Municipalities decision to change the road centerline at mentioned section. A joint visit with was conducted with CMC, APCO and Halhul and Beit Ummar Municipalities to agree the revised centerline from all parties. APCO performed the survey works for the revised road center. CMC will issue a site memorandum to confirm the change).
4. Work disruption due to accumulated backfill materials within R.O.W. from St.2+680 to St.2+780 as a result of Municipality excavation works and relocation of electricity pole at St.2+780.	4. APCO/ArCon coordinated with the Municipality and conducted a meeting on Feb. 28, 2015 to expedite removal of the excess material but this issue was not resolved, CMC assistance is needed.
5. Work Stoppage (30" trench digging) at Karmi Tzur St.6+040 by) Israeli Public Works on Feb.21, 2015 due to security reasons claiming that we do not have approval to work in mentioned location	5. APCO informed the CMC immediately via email and indicated that coordination for this location was carried out including submitting names of workers to DCL for approval; some were rejected and alternates were submitted. This stoppage was instigated by the Karmi Tzur "security officer" who felt threatened by the activity; he contacted Maatz to stop the works. A meeting with Maatz was scheduled on March 03, 2015 to show them again what we will be doing to make all Israeli parties comfortable. Issue is still pending.
6. Delay in relocation of electrical poles in "Al Hawawer area" along the project by Hebron Electric Company. It is important to note the cost demanded by Hebron Electric was very high and not only for pole relocation, it included also replacing the entire network without providing breakdown for their price.	6. USAID and CMC were informed and are assisting to resolve this issue. Issue is still pending, works started at this road section and existing poles will present a safety hazard.

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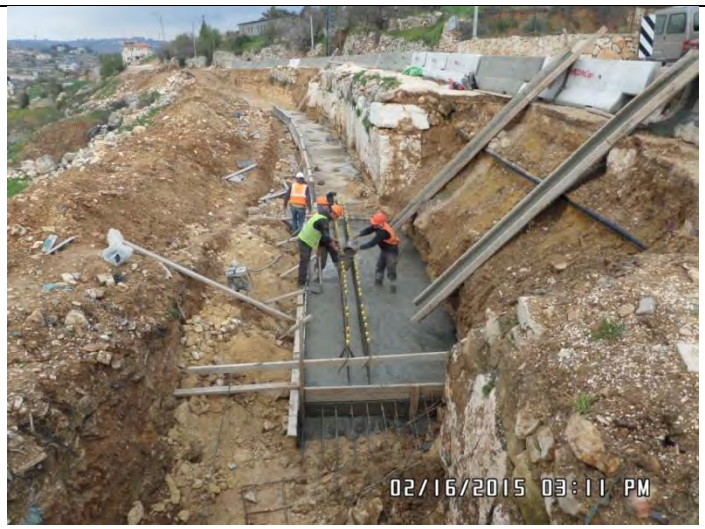
PROGRESS PHOTOS:

First shipment of Stainless steel stud bolts, nuts, washers and Flanges- donation No. 7995 arrived Ashdod port on Feb. 25, 2015.

Trench asphalt reinstatement along 4" pipeline - Al Ramooz site from St.0+300 to St.0+460

Backfill for main connection chamber at St.1+280.

Casting concrete for foundation of the retaining wall from St.3+420 to St.3+452.



Casting concrete for foundation of retaining wall from St.3+452 to St.3+460 - Beit Ummar site.

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Casting concrete for fixed roof slab of Beit Ummar flow monitoring chamber at St.4+625.

Casting concrete for roof slab of air release valve chamber at St.6+600.

Casting concrete for wall of the retaining wall from St.4+431 to St.4+440.

Backfill works behind retaining walls from St.7+315 to St.7+390 - Halhul site.

Digging works for 30" main pipeline from St.6+055 to St.6+040.

Digging works for 30" main pipeline at St.6+949- Halhul Site.

Digging works for 30" main pipeline - Halhul site from St. 9+500 to St.9+540.

Formwork for retaining wall from St. 4+420 to St. 4+440.

Installation & backfilling for 30" main pipeline- Halhul site from St. 6+840 to St. 6+824.46.

Installation & backfilling for 30" main pipeline- Halhul site from St.7+310 to St.7+274.

Steel work for roof slab of Beit Ummar flow monitoring chamber at St.4+625.

Concrete samples for testing by building center lab.

A | Materials- Equipments Receiving Log

Project: Deir Sha'ar Main Pipeline Project
USAID Contract No. 294-I-00-12-00005
Contractor: APCO/ArCon

Title: Equipment receiving log/February 2015

Date	Grader		Bob Cat		Road Marking Machine		Trailer		Compactor		JCB		Excavator		Trencher		Welding Machine		Bulldozer		MC Spraying Tank		Steel Roller		Truck		Crane		WATER TANK 10M3		Wheel Excavator		Pick Up(4*4) or Van		Asphalt Steel Roller		Asphalt Finisher		Mercedes Benz Van		Asphalt Cutting Machine		Small compactor (Jabca)	
	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle
1-Feb-15	1	1							1	1	1		1												1														1				1	
2-Feb-15	1	1							1	1	1		1				2								2		2												1				1	
3-Feb-15	1	1							1	1			1												1														1					1
4-Feb-15	2								1	1	1		1				2		1						4		2												1					1
5-Feb-15	1	1							1	1	1		2				1		1						4		2												1					
6-Feb-15																																												
7-Feb-15	1	1							1	1	1		2				2		1						3		2												1				1	
8-Feb-15	1	1							1	1			2				2		1						3		2												1				1	
9-Feb-15	1	1							1	1	1		2				2		1						3		2												1				1	
10-Feb-15	1	1							1	1			2				2		1						3		2												1				1	
11-Feb-15	1	1							1	1			1	1												1													1					1
12-Feb-15		2								2			2																										1					1
13-Feb-15																																												
14-Feb-15	1	1							1	1	1		2				2								4		2												1					
15-Feb-15	1	1							1	1	1		2				2								4		2												1					1
16-Feb-15	1	1							1	1	1		2				2								4		2												1					1
17-Feb-15	1	1							1	1	1		2				2		1						4		2												1					1
18-Feb-15		2								2	1		1	1											1														1					1
19-Feb-15		2								2			1	1											1														1					1
20-Feb-15																																												
21-Feb-15		2								2			1	1				2								1		2											1					1
22-Feb-15		2								2			1	1				2								1		2											1		1			1
23-Feb-15		2								2			1	1				2								1		2											1		1			1
24-Feb-15		2							1	1			1	1				2							1	1		2											1		1			1
25-Feb-15	1	1							1	1	1		2				2								4		1				1								1		1		1	
26-Feb-15	1	1							1	1	1		2				2								4		1				1								1		1		1	
27-Feb-15																																												
28-Feb-15	1	1							1	1	1		2				2								4		1				1								1		1		1	

Project: Deir Sha'ar Main Pipeline Project
USAID Contract No. 294-I-00-12-00005
Contractor: APCO/ArCon

Title: Materials Receiving Log/ February , 2015

Date	Material Delivered to Site	Quantity
1-Feb	30" steel pipes	146.28
2-Feb	Bedding material (Semsem)	300 m3
	Single size	300 m3
	Base course	100 ton
	30" steel pipes	146.40
	Concrete B350	2.5 m3
3-Feb	30" steel pipes	146.40
4-Feb	Bedding material (Semsem)	350 m3
	Single size	100 m3
	Base course	120 ton
	Concrete B350	5.5 m3
5-Feb	Bedding material (Semsem)	350 m3
	Single size	300 m3
	Concrete B250	16 m3
	30" steel pipes	146.40
6-Feb		
7-Feb	Bedding material (Semsem)	150 m3
	Single size	100 m3
	Concrete B350	8 m3
8-Feb	Bedding material (Semsem)	150 m3
	Single size	150 m3
	Concrete B250	9 m3
	30" steel pipes	146.40
9-Feb	Bedding material (Semsem)	150 m3
	Single size	100 m3
	Concrete B350	6 m3
	Concrete B250	4 m3
	Concrete B200	19 m3
	30" steel pipes	146.40
10-Feb	Bedding material (Semsem)	100 m3
	Single size	100 m3
11-Feb		0.00
12-Feb		0.00
13-Feb		
14-Feb	Bedding material (Semsem)	180 m3
	Single size	120 m3

Project: Deir Sha'ar Main Pipeline Project
USAID Contract No. 294-I-00-12-00005
Contractor: APCO/ArCon

Title: Materials Receiving Log/ February , 2015

Date	Material Delivered to Site	Quantity
15-Feb	Bedding material (Semsem)	100 m3
	Single size	100 m3
	Concrete B350	12.5 m3
16-Feb	Bedding material (Semsem)	100 m3
	Single size	100 m3
	Concrete B250	22.5 m3
17-Feb	Bedding material (Semsem)	130 m3
	Single size	100 m3
	Concrete B350 Cylinder	4 m3
18-Feb		0.00
19-Feb		0.00
20-Feb		
21-Feb		0.00
22-Feb		0.00
23-Feb	Concrete B350	7 m3
	30" Steel pipes	36.60
	6" Steel pipes	122.00
24-Feb		0.00
25-Feb	Bedding material (Semsem)	150 m3
	Single size	100 m3
26-Feb	Bedding material (Semsem)	150 m3
	Single size	150 m3
	Concrete B350 Cylinder	3 m3
	Concrete B200	21 m3
	4" Steel pipes	549.00
27-Feb		
28-Feb	Bedding material (Semsem)	150 m3
	Single size	150 m3
	Concrete B350 Cylinder	15 m3
	Concrete B300	27 m3
	Concrete B200	7.5 m3

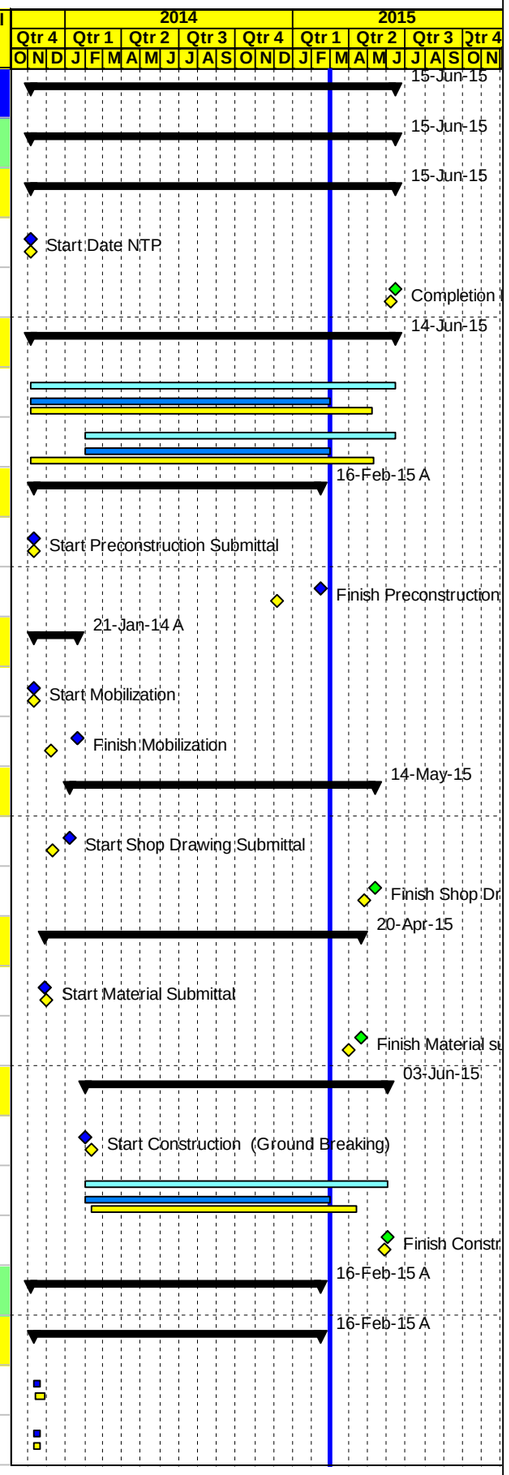
B | Detailed Time Schedule for the Project
Proposed Baseline Schedule

APCO ArCon
CONSTRUCTION AND SERVICES

Updated Construction Program
February 28, 2015

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	BL2 Start	BL2 Finish	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost
Deir Sha'aar Main Pipeline Project		586d		106d	06-Nov-13	08-Jun-15	06-Nov-13 A	15-Jun-15	-6d	$15,752,463	$8,360,558
Milestones		586d		106d	06-Nov-13	08-Jun-15	06-Nov-13 A	15-Jun-15	-6d	$0	$0
General Milestones		586d		0d	06-Nov-13	08-Jun-15	06-Nov-13 A	15-Jun-15	-6d	$0	$0
SHT0010	Start Date NTP	0d	100%	0d	06-Nov-13		06-Nov-13 A			$0	$0
SHT0020	Completion Project	0d	0%	0d		08-Jun-15		15-Jun-15	-6d	$0	$0
Task order Duration		553d		106d	06-Nov-13	12-May-15	06-Nov-13 A	14-Jun-15	-6d	$0	$0
SHT0030	Project Duration (Calendar Days)	550d	80.75%	106d	06-Nov-13	09-May-15	06-Nov-13 A	14-Jun-15	-6d	$0	$0
SHT0040	Project Duration (Working Days)	425d	79.04%	89d	06-Nov-13	12-May-15	01-Feb-14 A	14-Jun-15	-5d	$0	$0
Pre Construction Milestones		280d		0d	10-Nov-13	07-Dec-14	10-Nov-13 A	16-Feb-15 A		$0	$0
SHT0050	Start Preconstruction Submittal	0d	100%	0d	10-Nov-13		10-Nov-13 A			$0	$0
SHT0060	Finish Preconstruction Submittal	0d	100%	0d		07-Dec-14		16-Feb-15 A		$0	$0
Mobilization Milestones		24d		0d	10-Nov-13	08-Dec-13	10-Nov-13 A	21-Jan-14 A		$0	$0
SHT0065	Start Mobilization	0d	100%	0d	10-Nov-13		10-Nov-13 A			$0	$0
SHT0070	Finish Mobilization	0d	100%	0d		08-Dec-13		21-Jan-14 A		$0	$0
Shop Drawing Milestones		399d		0d	10-Dec-13	27-Apr-15	07-Jan-14 A	14-May-15	21d	$0	$0
SHT0075	Start Shop Drawing Submittal	0d	100%	0d	10-Dec-13		07-Jan-14 A			$0	$0
SHT0080	Finish Shop Drawing Submittal	0d	0%	0d		27-Apr-15		14-May-15	21d	$0	$0
Material Milestones		385d		0d	01-Dec-13	01-Apr-15	28-Nov-13 A	20-Apr-15	42d	$0	$0
SHT0090	Start Material Submittal	0d	100%	0d	01-Dec-13		28-Nov-13 A			$0	$0
SHT0095	Finish Material submittal	0d	0%	0d		01-Apr-15		20-Apr-15	42d	$0	$0
Construction Milestones		368d		80d	12-Feb-14	28-May-15	01-Feb-14 A	03-Jun-15	-5d	$0	$0
SHT1100	Start Construction (Ground Breaking)	0d	100%	0d	12-Feb-14		01-Feb-14 A			$0	$0
SHT1105	Construction Duration (Working Days)	325d	75.4%	80d	12-Feb-14	14-Apr-15	01-Feb-14 A	03-Jun-15	-5d	$0	$0
SHT1110	Finish Construction Phase	0d	0%	0d		28-May-15		03-Jun-15	-5d	$0	$0
Pre Construction Phase		492d		0d	06-Nov-13	14-Jan-15	06-Nov-13 A	16-Feb-15 A		$594,751	$594,751
Pre Construction Submittals		349d		0d	10-Nov-13	14-Jan-15	10-Nov-13 A	16-Feb-15 A		$0	$0
SHT0120	Scheduling Qualification Submittals	10d	100%	0d	14-Nov-13	27-Nov-13	10-Nov-13 A	20-Nov-13 A		$0	$0
SHT0114	Bank Guarantee Certificates	10d	100%	0d	10-Nov-13	21-Nov-13	10-Nov-13 A	20-Nov-13 A		$0	$0



Project Baseline Bar | Baseline Milestone | Actual Level of Effort | Level of Effort
Level of effort Baseline | Actual Work | Early Bar | Summary
Milestone Early Bar | Milestone Actual | Critical Bar

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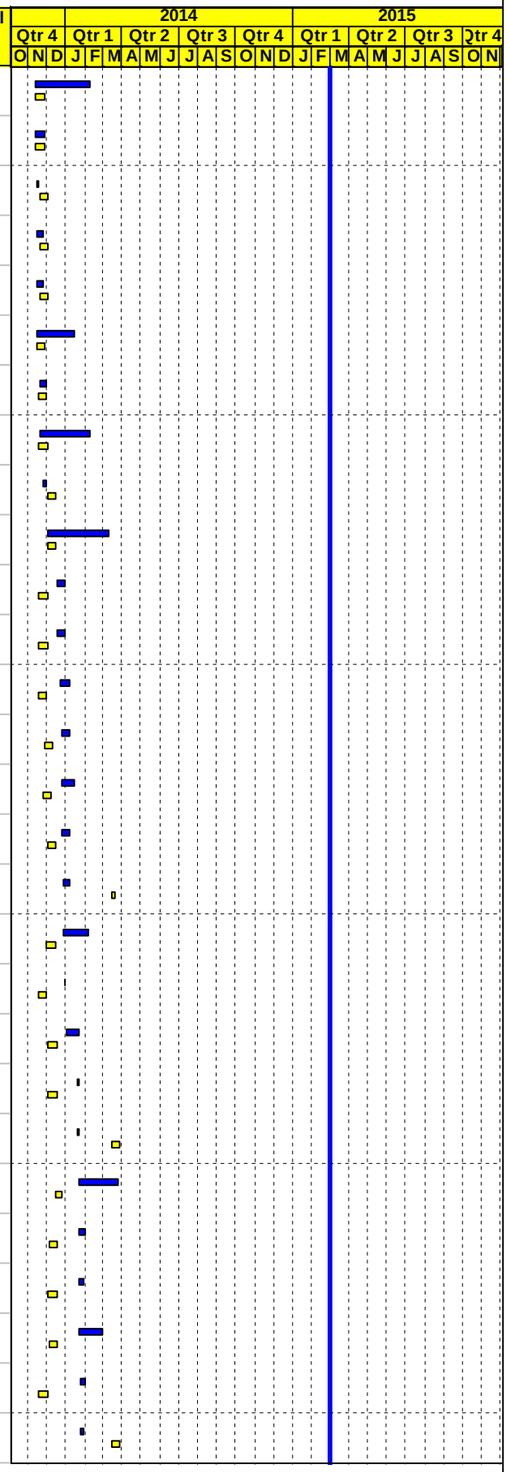
Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	BL2 Start	BL2 Finish	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost
SHT0118	Field Offices Furniture & Equipment Plan	10d	100%	0d	14-Nov-13	27-Nov-13	13-Nov-13 A	09-Feb-14 A		$0	$0
SHT0116	Field Offices Location & Layout	10d	100%	0d	14-Nov-13	27-Nov-13	13-Nov-13 A	27-Nov-13 A		$0	$0
SHT0136	Temporary and Permanent Project Sign Plan	10d	100%	0d	21-Nov-13	04-Dec-13	17-Nov-13 A	19-Nov-13 A		$0	$0
SHT0138	60-Day Plan of Operation	10d	100%	0d	21-Nov-13	04-Dec-13	17-Nov-13 A	27-Nov-13 A		$0	$0
SHT0140	Project Overview Bar Chart	10d	100%	0d	21-Nov-13	04-Dec-13	17-Nov-13 A	27-Nov-13 A		$0	$0
SHT0122	Submittals Schedule	10d	100%	0d	17-Nov-13	28-Nov-13	17-Nov-13 A	16-Jan-14 A		$0	$0
SHT0124	Testing Lab	10d	100%	0d	18-Nov-13	01-Dec-13	20-Nov-13 A	01-Dec-13 A		$0	$0
SHT0134	Existing Survey Plan from Sta.0+000 to Sta.2+700	10d	100%	0d	19-Nov-13	02-Dec-13	21-Nov-13 A	09-Feb-14 A		$0	$0
SHT0146	Coordination with local Authorities Plan including list of permits & and licenses	10d	100%	0d	03-Dec-13	16-Dec-13	26-Nov-13 A	01-Dec-13 A		$0	$0
SHT0150	CPM-Construction Schedule and S-Curve	10d	100%	0d	03-Dec-13	16-Dec-13	03-Dec-13 A	11-Mar-14 A		$0	$0
SHT0134-new	Survey Plan from Sta.2+700 to Sta.6+000	10d	100%	0d	19-Nov-13	02-Dec-13	19-Dec-13 A	31-Dec-13 A		$0	$0
SHT0135-new	Survey Plan from Sta.6+000 to Sta.7+650	10d	100%	0d	19-Nov-13	02-Dec-13	19-Dec-13 A	31-Dec-13 A		$0	$0
SHT0128	Insurances	10d	100%	0d	18-Nov-13	01-Dec-13	23-Dec-13 A	07-Jan-14 A		$0	$0
SHT0143	QCP-Quality Control Program (QC/QA PLAN)	10d	100%	0d	28-Nov-13	11-Dec-13	25-Dec-13 A	08-Jan-14 A		$0	$0
SHT0142	Safety Plan	10d	100%	0d	25-Nov-13	08-Dec-13	25-Dec-13 A	14-Jan-14 A		$0	$0
SHT0152	USAID Branding Plan	10d	100%	0d	03-Dec-13	16-Dec-13	25-Dec-13 A	07-Jan-14 A		$0	$0
SHT0144-new	Traffic Control Plan from Sta.7+090 to Sta.7+500 LHS	5d	100%	0d	16-Mar-14	20-Mar-14	29-Dec-13 A	08-Jan-14 A		$0	$0
SHT0144	Method Statement including asphalt disposal,pipeline install,formworks,curing,storm sys., paint curb., patching &R. mark	10d	100%	0d	02-Dec-13	15-Dec-13	29-Dec-13 A	06-Feb-14 A		$0	$0
SHT0126	Key Personnel Plan	10d	100%	0d	18-Nov-13	01-Dec-13	30-Dec-13 A	31-Dec-13 A		$0	$0
SHT0155	Dilapidation Survey/Phase 01- From St. 0+700 to St. 4+400 and From St. 6+230 to St. 11+460	10d	100%	0d	04-Dec-13	17-Dec-13	02-Jan-14 A	22-Jan-14 A		$0	$0
SHT0155-new	Dilapidation Survey - Phase 02- From St. 0+000 to St.0+700 and From St. 4+400 to St. 6+200.	10d	100%	0d	04-Dec-13	17-Dec-13	20-Jan-14 A	22-Jan-14 A		$0	$0
SHT0148	Proposed Staging and Storage area location	10d	100%	0d	16-Mar-14	27-Mar-14	20-Jan-14 A	23-Jan-14 A		$0	$0
SHT0163	Welding procedure	10d	100%	0d	15-Dec-13	26-Dec-13	22-Jan-14 A	26-Mar-14 A		$0	$0
SHT0157	Environmental Mitigation Plan	10d	100%	0d	05-Dec-13	18-Dec-13	23-Jan-14 A	02-Feb-14 A		$0	$0
SHT0156	Risk Management Program - Phase 01- From St. 0+000 to St.2+700 and From St. 6+800 to St. 7+515	10d	100%	0d	04-Dec-13	17-Dec-13	23-Jan-14 A	30-Jan-14 A		$0	$0
SHT0158	Traffic Control Plan from Sta.0+000 to Sta.2+374 -Deir Sha'ar distribution pipeline 8" pipe in Beit Ummer town	10d	100%	0d	05-Dec-13	18-Dec-13	23-Jan-14 A	02-Mar-14 A		$0	$0
SHT0136-new	Survey Plan from Sta.7+093 to Sta.7+220	10d	100%	0d	19-Nov-13	02-Dec-13	26-Jan-14 A	03-Feb-14 A		$0	$0
SHT0157-new	Proposed Dumping area	10d	100%	0d	16-Mar-14	27-Mar-14	26-Jan-14 A	30-Jan-14 A		$0	$0



Project Baseline Bar
Level of effort Baseline
Milestone Early Bar
Baseline Milestone
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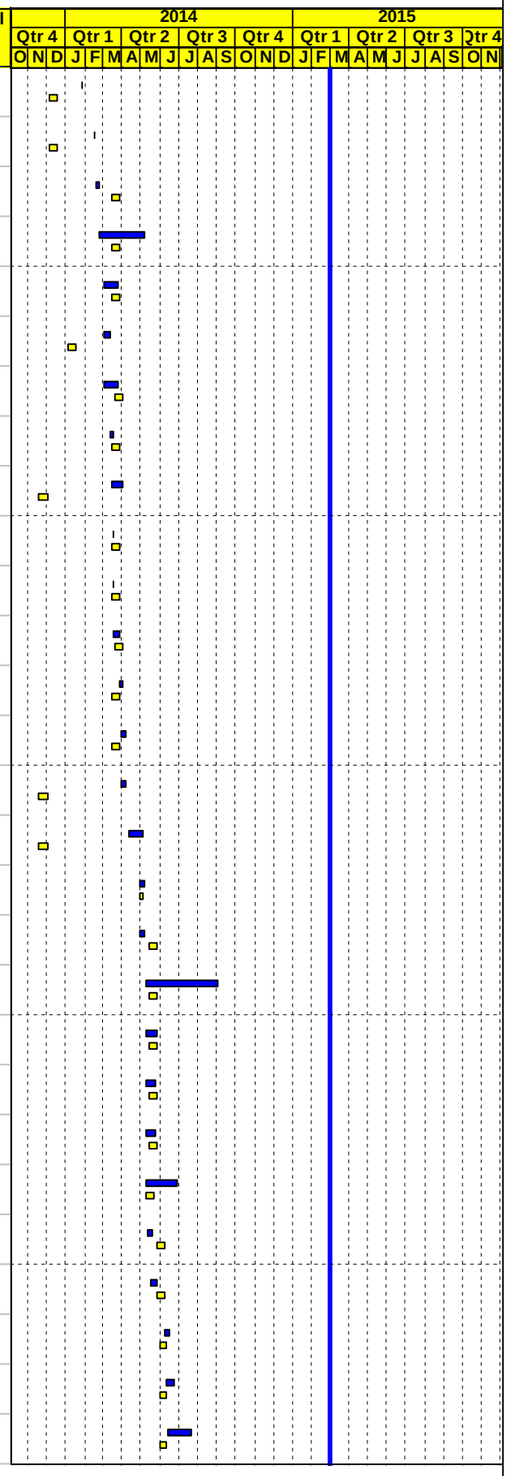
SHT0162	Public relation plan	10d	100%	0d	05-Dec-13	18-Dec-13	27-Jan-14 A	29-Jan-14 A		$0	$0
SHT0160	Trench safety plan	10d	100%	0d	05-Dec-13	18-Dec-13	16-Feb-14 A	17-Feb-14 A		$0	$0
SHT0164-new	3 inch Procedure Qualification Record (PQR)	10d	100%	0d	16-Mar-14	27-Mar-14	20-Feb-14 A	24-Feb-14 A		$0	$0
SHT0159-new	Traffic Control Plan -Phase I -from Sta.0+000 to Sta.2+800-Deir Sha'ar Water Transmission Project	10d	100%	0d	16-Mar-14	27-Mar-14	24-Feb-14 A	08-May-14 A		$0	$0
SHT0200-new	Radiographic Testing Safety Plan	10d	100%	0d	16-Mar-14	27-Mar-14	03-Mar-14 A	27-Mar-14 A		$0	$0
SHT0165	Welders Qualifications (Certificate for Welder Fadi Shuebeha)	10d	100%	0d	05-Jan-14	16-Jan-14	05-Mar-14 A	13-Mar-14 A		$0	$0
SHT0166-new	8"-12" Procedure Qualification Record (PQR)	10d	100%	0d	20-Mar-14	02-Apr-14	05-Mar-14 A	27-Mar-14 A		$0	$0
SHT0203-new	Radiographic Testing (RT) Method Statement	10d	100%	0d	16-Mar-14	27-Mar-14	15-Mar-14 A	20-Mar-14 A		$0	$0
SHT0138-new	Specific Method Statement -3" To 12" Pipeline Installation ,welding procedure and Testing	10d	100%	0d	19-Nov-13	02-Dec-13	16-Mar-14 A	02-Apr-14 A		$0	$0
SHT0168-new	Dilapidation Survey -Beit Ummar 8" Network	10d	100%	0d	16-Mar-14	27-Mar-14	18-Mar-14 A	19-Mar-14 A		$0	$0
SHT0196-new	Risk Management Program - Beit Ummar 8" Network	10d	100%	0d	16-Mar-14	27-Mar-14	18-Mar-14 A	19-Mar-14 A		$0	$0
SHT0167-new	Survey Plan from Sta.0+000 to Sta.1+225-Al Aroub Road	10d	100%	0d	20-Mar-14	02-Apr-14	20-Mar-14 A	30-Mar-14 A		$0	$0
SHT0197-new	Dilapidation Survey -Al-Aroub Connection 4" & 6"	10d	100%	0d	16-Mar-14	27-Mar-14	30-Mar-14 A	02-Apr-14 A		$0	$0
SHT0198-new	Risk Management Program -Al-Aroub Connection 4" & 6"	10d	100%	0d	16-Mar-14	27-Mar-14	31-Mar-14 A	08-Apr-14 A		$0	$0
SHT0199-new	8" Water steel pipe work installation -Method of Statement	10d	100%	0d	19-Nov-13	02-Dec-13	31-Mar-14 A	08-Apr-14 A		$0	$0
SHT0137-new	Survey Plan from Sta. 9+890 to Sta. 11+463	10d	100%	0d	19-Nov-13	02-Dec-13	13-Apr-14 A	05-May-14 A		$0	$0
SHT0201-new	Survey Plan from Sta. 7+650 to Sta. 9+890	5d	100%	0d	29-Apr-14	05-May-14	29-Apr-14 A	08-May-14 A		$0	$0
SHT0209-new	Revised Survey Plan from Sta. 4+200 to Sta. 5+700	10d	100%	0d	14-May-14	27-May-14	30-Apr-14 A	08-May-14 A		$0	$0
SHT0202-new	Specific Method Statement -Testing (Hydrostatic, Disinfection /Flushing) -760 mm steel pipe Sch 20 /WT 12.7 mm	10d	100%	0d	14-May-14	27-May-14	11-May-14 A	04-Sep-14 A		$0	$0
SHT0204-new	30 inch Pipeline Entry -Safety Method Statement (Confined Space)	10d	100%	0d	14-May-14	27-May-14	11-May-14 A	29-May-14 A		$0	$0
SHT0207-new	Internal Cement Lining Repair Method Statement	10d	100%	0d	14-May-14	27-May-14	11-May-14 A	26-May-14 A		$0	$0
SHT0208-new	Mortar Fill after welding / layback Space closure Method Statement	10d	100%	0d	14-May-14	27-May-14	11-May-14 A	26-May-14 A		$0	$0
SHT0206-new	Pipes Loading & Unloading -Specific Method Statement	10d	100%	0d	11-May-14	22-May-14	11-May-14 A	29-Jun-14 A		$0	$0
SHT0178-new	Traffic Control Plan from Sta.6+800 to Sta.7+500	10d	100%	0d	28-May-14	10-Jun-14	13-May-14 A	20-May-14 A		$0	$0
SHT0177-new	30 inch Pipe Welding Procedure Qualification Record	10d	100%	0d	28-May-14	10-Jun-14	18-May-14 A	28-May-14 A		$0	$0
SHT0180-new	Risk Management Program –Phase 02 from Sta.2+800 to Sta.6+800 and from Sta. 7 +515 to the End of the Project	10d	100%	0d	01-Jun-14	12-Jun-14	10-Jun-14 A	17-Jun-14 A		$0	$0
SHT0185-new	Specific Method Statement - 30" pipe installation 0+000 - 1+200	10d	100%	0d	01-Jun-14	12-Jun-14	11-Jun-14 A	24-Jun-14 A		$0	$0
SHT0190-new	Ultrasonic Weld Inspection Procedure 12" -30" Pipe line welds	10d	100%	0d	01-Jun-14	12-Jun-14	15-Jun-14 A	23-Jul-14 A		$0	$0



Project Baseline Bar
Level of effort Baseline
Milestone Early Bar
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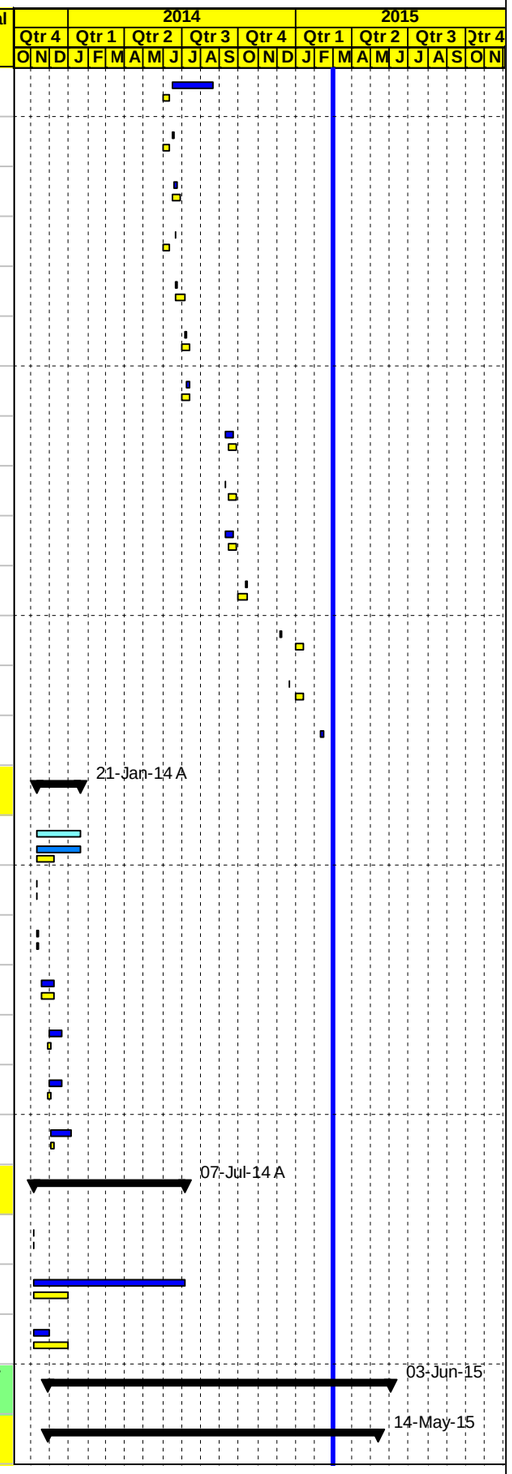
SHT0195-new	Traffic Control Plan from Sta.0+000 to Sta.1+350 -Halhul Water Distribution Network -Shahera Water Pipeline	10d	100%	0d	01-Jun-14	12-Jun-14	18-Jun-14 A	20-Aug-14 A		$0	$0
SHT0220-new	Traffic Control Plan from Sta.0+000 to Sta.1+110 -Halhul Water Distribution Network -Zaboud Water Pipeline	10d	100%	0d	01-Jun-14	12-Jun-14	18-Jun-14 A	19-Jun-14 A		$0	$0
SHT0225-new	Dilapidation Survey- 8" Halhul Network (Zaboud)	10d	100%	0d	17-Jun-14	30-Jun-14	19-Jun-14 A	25-Jun-14 A		$0	$0
SHT0300-new	Qualified Welder Resume and Certificates (Jihad Ghatasheh)	10d	100%	0d	01-Jun-14	12-Jun-14	22-Jun-14 A	22-Jun-14 A		$0	$0
SHT0310-new	Risk Management Program - 8" Halhul Network (Zaboud)	10d	100%	0d	23-Jun-14	06-Jul-14	22-Jun-14 A	25-Jun-14 A		$0	$0
SHT0325-new	Traffic Control Plan for Al Arrub Water Networks	10d	100%	0d	01-Jul-14	14-Jul-14	08-Jul-14 A	09-Jul-14 A		$0	$0
SHT0326-new	Traffic Control Plan for Al Nabi Younes Intersection	10d	100%	0d	01-Jul-14	14-Jul-14	10-Jul-14 A	15-Jul-14 A		$0	$0
SHT0327-new	Traffic Control Plan for Al Nabi Younes Intersection 6" & 8" from Sta.0+000 to Sta.1+300	10d	100%	0d	15-Sep-14	28-Sep-14	11-Sep-14 A	22-Sep-14 A		$0	$0
SHT0328-new	Traffic Control Plan from Sta.7+500 to Sta.9+100	10d	100%	0d	15-Sep-14	28-Sep-14	11-Sep-14 A	11-Sep-14 A		$0	$0
SHT0329-new	Traffic Control Plan from Sta.4+220 to Sta.5+500	10d	100%	0d	15-Sep-14	28-Sep-14	11-Sep-14 A	22-Sep-14 A		$0	$0
SHT0332-new	Traffic Control Plan from Sta.2+800 to Sta.4+200 –Beit Ummar -30" Main Pipeline	10d	100%	0d	01-Oct-14	14-Oct-14	13-Oct-14 A	15-Oct-14 A		$0	$0
SHT0345-new	Risk Management Program for Al Ramooz -Al Nabi Younis 4" Network	10d	100%	0d	01-Jan-15	14-Jan-15	08-Dec-14 A	09-Dec-14 A		$0	$0
SHT0350-new	A second third party source for Radiography and ultrasound testing	10d	100%	0d	01-Jan-15	14-Jan-15	21-Dec-14 A	22-Dec-14 A		$0	$0
SHT0360-new	Traffic Control Plan from Sta.9+400 to Sta. 12+007	10d	100%	0d			11-Feb-15 A	16-Feb-15 A		$0	$0
Mobilization		24d		0d	10-Nov-13	08-Dec-13	11-Nov-13 A	21-Jan-14 A		$594,751	$594,751
SHT0168	Mobilization Total Cost (4.0%)	24d	100%	0d	10-Nov-13	08-Dec-13	11-Nov-13 A	21-Jan-14 A		$594,751	$594,751
SHT0170	Site Hand Over	1d	100%	0d	11-Nov-13	11-Nov-13	11-Nov-13 A	11-Nov-13 A		$0	$0
SHT0172	Checking With CMC Existing-Bench Marks, Survey Control Points	2d	100%	0d	11-Nov-13	12-Nov-13	11-Nov-13 A	12-Nov-13 A		$0	$0
SHT0174	Start Preparation Construction Submittals (Survey plan , Shop Drawings & Materials)	15d	100%	0d	19-Nov-13	07-Dec-13	19-Nov-13 A	08-Dec-13 A		$0	$0
SHT0176	Supply and install Office Furniture's and Supplies	5d	100%	0d	27-Nov-13	03-Dec-13	30-Nov-13 A	22-Dec-13 A		$0	$0
SHT0178	Supply and install Office IT Equipments & Applience	5d	100%	0d	28-Nov-13	04-Dec-13	30-Nov-13 A	22-Dec-13 A		$0	$0
SHT0180	Install Temporary Project Sign	1d	100%	0d	04-Dec-13	07-Dec-13	04-Dec-13 A	04-Jan-14 A		$0	$0
Conformed Drawings and Coordination		40d		0d	06-Nov-13	30-Dec-13	06-Nov-13 A	07-Jul-14 A		$0	$0
SHT0106	Final for Construction Drawing (Conformed)	1d	100%	0d	06-Nov-13	06-Nov-13	06-Nov-13 A	06-Nov-13 A		$0	$0
SHT0266	Coordination with Israeli authorities for approval and permit area C	40d	100%	0d	06-Nov-13	30-Dec-13	06-Nov-13 A	07-Jul-14 A		$0	$0
SHT0286	Coordination with local Authorities before Construction Project	40d	100%	0d	06-Nov-13	30-Dec-13	06-Nov-13 A	30-Nov-13 A		$0	$0
Construction Phase		575d		95d	06-Nov-13	28-May-15	28-Nov-13 A	03-Jun-15	5d	$15,009,024	$7,765,807
Construction Submittals		555d		75d	06-Nov-13	27-Apr-15	28-Nov-13 A	14-May-15	25d	$0	$0



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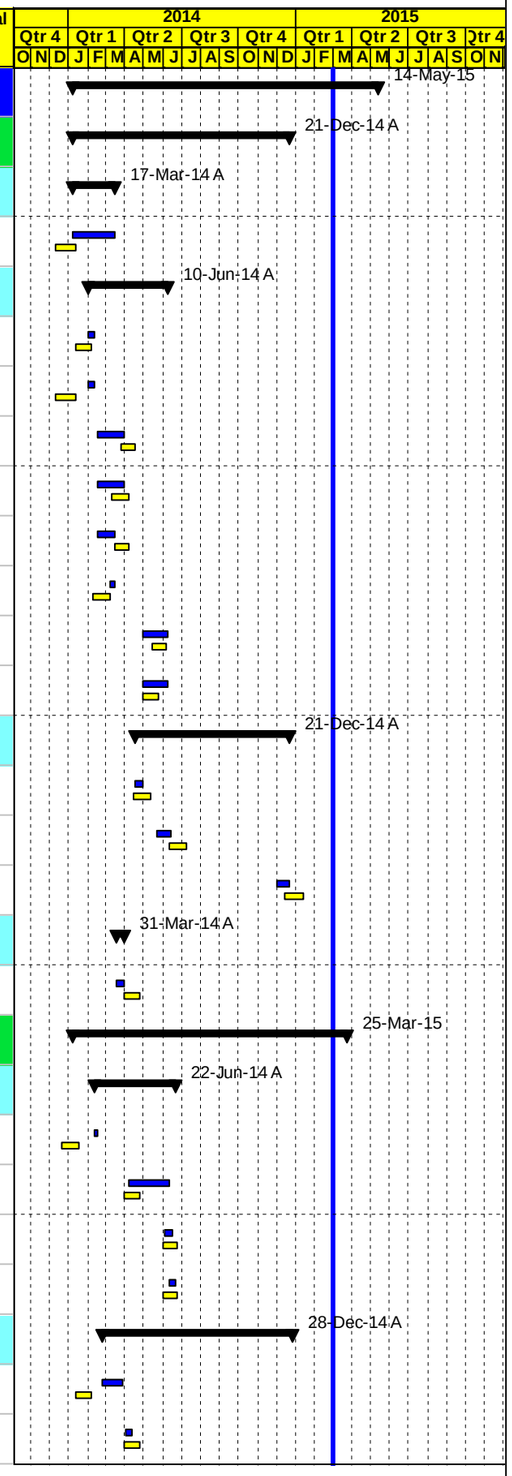
Shop Drawing Submittals		555d		75d	06-Nov-13	27-Apr-15	07-Jan-14 A	14-May-15	25d	$0	$0
Plan Profile and Cross Sections		299d		0d	10-Dec-13	14-Jan-15	07-Jan-14 A	21-Dec-14 A		$0	$0
Plan Profile and Cross Sections From St.7+515 to 6+840 Phase One		21d		0d	10-Dec-13	12-Jan-14	07-Jan-14 A	17-Mar-14 A		$0	$0
SHT0188	From St.7+515 to 6+840	21d	100%	0d	10-Dec-13	12-Jan-14	07-Jan-14 A	17-Mar-14 A		$0	$0
Plan Profile and Cross Sections from St. 0+000 to 5+980 Phase Three		139d		0d	10-Dec-13	07-Jun-14	03-Feb-14 A	10-Jun-14 A		$0	$0
SHT0192	From St.0+630 to 1+200	21d	100%	0d	13-Jan-14	05-Feb-14	03-Feb-14 A	13-Feb-14 A		$0	$0
SHT0190	From St.0+000 to 0+630	21d	100%	0d	10-Dec-13	12-Jan-14	03-Feb-14 A	13-Feb-14 A		$0	$0
SHT0200	From St.3+030 to 3+780	21d	100%	0d	25-Mar-14	17-Apr-14	17-Feb-14 A	31-Mar-14 A		$0	$0
SHT0198	From St. 2+780 to 3+030	21d	100%	0d	11-Mar-14	06-Apr-14	17-Feb-14 A	31-Mar-14 A		$0	$0
SHT0202	From St. 3+780 to 3+900	21d	100%	0d	15-Mar-14	07-Apr-14	17-Feb-14 A	17-Mar-14 A		$0	$0
SHT0194	From St.1+200 to 2+780	21d	100%	0d	10-Feb-14	09-Mar-14	09-Mar-14 A	17-Mar-14 A		$0	$0
SHT0206	From St.4+950 to 6+000	21d	100%	0d	14-May-14	07-Jun-14	30-Apr-14 A	09-Jun-14 A		$0	$0
SHT0204	From St. 3+900 to 4+950	21d	100%	0d	29-Apr-14	25-May-14	30-Apr-14 A	10-Jun-14 A		$0	$0
Plan Profile and Cross Sections from St. 12+000 to 7+515 & 6+840 to 5+980 Phase Four		203d		0d	16-Apr-14	14-Jan-15	17-Apr-14 A	21-Dec-14 A		$0	$0
SHT0210	From St. 11+460 to 09+890 old	21d	100%	0d	16-Apr-14	13-May-14	17-Apr-14 A	30-Apr-14 A		$0	$0
SHT0217	Milling and Overlay from Sta.7+515 to Sta.9+880	21d	100%	0d	11-Jun-14	08-Jul-14	22-May-14 A	15-Jun-14 A		$0	$0
SHT0218	From St.6+850 to 6+150	21d	100%	0d	13-Dec-14	14-Jan-15	02-Dec-14 A	21-Dec-14 A		$0	$0
Plan Profile and Cross Sections Networks		21d		0d	01-Apr-14	26-Apr-14	20-Mar-14 A	31-Mar-14 A		$0	$0
SHT0219-new	from Sta.0+000 to Sta.1+225-Al Aroub Road	21d	100%	0d	01-Apr-14	26-Apr-14	20-Mar-14 A	31-Mar-14 A		$0	$0
Pipeline		352d		21d	22-Dec-13	04-Mar-15	07-Jan-14 A	25-Mar-15	52d	$0	$0
Waterline Beit Ummar, Al Arrub-Beit Ummar & Halhul Networks		148d		0d	22-Dec-13	24-Jun-14	12-Feb-14 A	22-Jun-14 A		$0	$0
SHT0220	Beit Ummar Water Distribution network From Sta. 0+000 to Sta. 2+295	21d	100%	0d	22-Dec-13	18-Jan-14	12-Feb-14 A	18-Feb-14 A		$0	$0
SHT0221	Al Arrub-Beit Ummar Water Distribution network From Sta. 0+000 to Sta. 1+218	21d	100%	0d	01-Apr-14	26-Apr-14	07-Apr-14 A	11-Jun-14 A		$0	$0
SHT0222	Zaboud Water Pipeline-Halhul Distribution Network from Sta.0+000 to Sta.1+110	21d	100%	0d	01-Jun-14	24-Jun-14	04-Jun-14 A	17-Jun-14 A		$0	$0
SHT0226-new	Water Distribution Network -Shahera Water Pipeline from Sta.0+000 to Sta.1+350-Halhul	21d	100%	0d	01-Jun-14	24-Jun-14	11-Jun-14 A	22-Jun-14 A		$0	$0
Waterline from St. 0+000 to 6+000		294d		0d	13-Jan-14	03-Feb-15	24-Feb-14 A	28-Dec-14 A		$0	$0
SHT0224	Waterline From St.0+000 to 1+200	21d	100%	0d	13-Jan-14	05-Feb-14	24-Feb-14 A	30-Mar-14 A		$0	$0
SHT0228	Waterline From St.1+200 to 2+780	21d	100%	0d	01-Apr-14	26-Apr-14	02-Apr-14 A	14-Apr-14 A		$0	$0



Project Baseline Bar | Baseline Milestone | Actual Level of Effort | Level of Effort
Level of effort Baseline | Actual Work | Early Bar | Summary
Milestone Early Bar | Milestone Actual | Critical Bar

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APCO/ArCon CONSTRUCTION AND SERVICES

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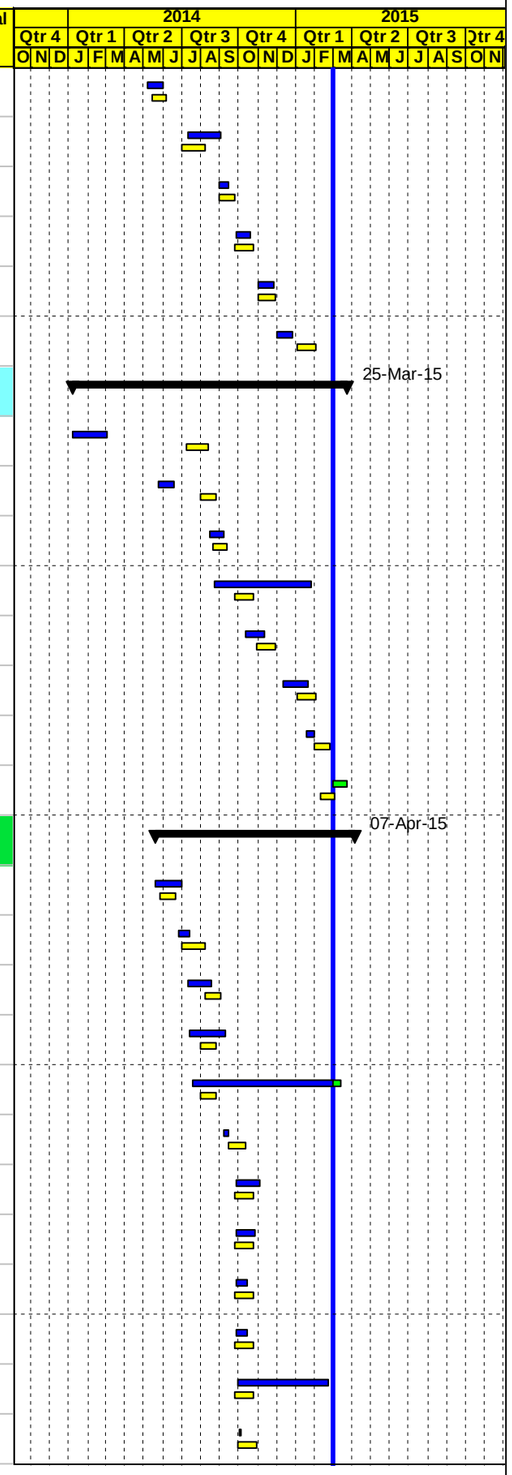
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	BL2 Start	BL2 Finish	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost
SHT0232	Waterline From St. 2+780 to 3+900	21d	100%	0d	14-May-14	07-Jun-14	07-May-14 A	01-Jun-14 A		$0	$0
SHT0238	Waterline From St. 3+900 to 4+950	21d	100%	0d	01-Jul-14	07-Aug-14	13-Jul-14 A	04-Sep-14 A		$0	$0
SHT0240	Waterline From St. 4+950 to 6+000	21d	100%	0d	01-Sep-14	24-Sep-14	31-Aug-14 A	15-Sep-14 A		$0	$0
SHT0250-new	Waterline from Sta.0+100 to Sta.0+725 -Al Nabi Younis Water Pipeline (8")	21d	100%	0d	25-Sep-14	25-Oct-14	29-Sep-14 A	20-Oct-14 A		$0	$0
SHT0255-new	Waterline from Sta.0+000 to Sta.0+810 - Al Nabi Younis Water Pipeline (6")	21d	100%	0d	01-Nov-14	30-Nov-14	03-Nov-14 A	27-Nov-14 A		$0	$0
SHT0260-new	Waterline 3" from Sta.0+000 to Sta.0+385 -Al Hawawer Water Pipeline	21d	100%	0d	03-Jan-15	03-Feb-15	03-Dec-14 A	28-Dec-14 A		$0	$0
Waterline from St. 11+460 to 6+000		194d		21d	09-Jul-14	04-Mar-15	07-Jan-14 A	25-Mar-15	52d	$0	$0
SHT0254	Waterline From St.7+515 to 6+840	21d	100%	0d	09-Jul-14	13-Aug-14	07-Jan-14 A	03-Mar-14 A		$0	$0
SHT0252	Waterline:Typical Section from Sta.8+700 to Sta.9+300	21d	100%	0d	02-Aug-14	25-Aug-14	26-May-14 A	19-Jun-14 A		$0	$0
SHT0268-new	Waterline from Sta.9+090 to Sta.9+450 - New Alignment for water pipe line	21d	100%	0d	20-Aug-14	13-Sep-14	17-Aug-14 A	09-Sep-14 A		$0	$0
SHT0256	Waterline From St.7+500 to 8+700	21d	100%	0d	25-Sep-14	25-Oct-14	24-Aug-14 A	25-Jan-15 A		$0	$0
SHT0258	Waterline From St. 6+780 to 6+000	21d	100%	0d	30-Oct-14	29-Nov-14	12-Oct-14 A	11-Nov-14 A		$0	$0
SHT0244	Waterline From Sta. 9+415 to Sta.10+730	21d	100%	0d	03-Jan-15	03-Feb-15	11-Dec-14 A	22-Jan-15 A		$0	$0
SHT0264	Waterline From Sta. 10+730 to Sta.11+610	21d	100%	0d	01-Feb-15	25-Feb-15	18-Jan-15 A	01-Feb-15 A		$0	$0
SHT0274	Waterline From Sta. 11+610 to Sta.12+010	21d	0%	21d	09-Feb-15	04-Mar-15	01-Mar-15	25-Mar-15	52d	$0	$0
Connection and Valves Chambers		249d		32d	28-May-14	05-Apr-15	21-May-14 A	07-Apr-15	53d	$0	$0
SHT0259-new	Structural and Mechanical Detail for valve chambers for 8" Beit Ummar Internal Network Water Pipeline	21d	100%	0d	28-May-14	21-Jun-14	21-May-14 A	02-Jul-14 A		$0	$0
SHT0227-new	Structural and Mechanical Detail for valve chambers for 8" Zaboud Internal Network Water Pipeline	21d	100%	0d	01-Jul-14	07-Aug-14	26-Jun-14 A	15-Jul-14 A		$0	$0
SHT0276	Halhul distribution connection chamber (Kharas junction) @ Sta.9+070 RHS	21d	100%	0d	09-Aug-14	01-Sep-14	13-Jul-14 A	18-Aug-14 A		$0	$0
SHT0269-new	Structural and Mechanical Detail for wash out Chamber at Sta.0+620 & ARV Valve Chamber @ Sta.0+743	21d	100%	0d	02-Aug-14	25-Aug-14	14-Jul-14 A	11-Sep-14 A		$0	$0
SHT0259	Structural and Mechanical detail For wash out Chamber For 30"*10" at St .7+223& Wash out chamb For 6"*3" at St.7+230	21d	50%	11d	02-Aug-14	25-Aug-14	20-Jul-14 A	14-Mar-15	74d	$0	$0
SHT0277-new	Structural and Mechanical Detail for Washout at Sta.1+530 and Washout at Sta.2+230 & ARV Valve at Sta.1+942	21d	100%	0d	15-Sep-14	13-Oct-14	07-Sep-14 A	15-Sep-14 A		$0	$0
SHT3855-new	Structural&Mechanical detail For ARV Chamber@St.2+782& ARV Chamber@St.3+303& ARV Chamber@St.3+745&WO Chamber@St.3+857	21d	100%	0d	25-Sep-14	25-Oct-14	28-Sep-14 A	05-Nov-14 A		$0	$0
SHT3860-new	Structural and Mechanical detail For ALAROUB CAMP Connection @ Sta.0+020	21d	100%	0d	25-Sep-14	25-Oct-14	28-Sep-14 A	29-Oct-14 A		$0	$0
SHT3865-new	Structural&Mechanical Detail For AlAROUB-75mm WO@St.0+537&50mmWO@St.0+540&100mm GV@St.0+710	21d	100%	0d	25-Sep-14	25-Oct-14	28-Sep-14 A	16-Oct-14 A		$0	$0
SHT3870-new	Structural & Mechanical Detail For AlAROUB- Gate Valve @ Sta.0+584&Gate Valve @ Sta.1+214	21d	100%	0d	25-Sep-14	25-Oct-14	28-Sep-14 A	16-Oct-14 A		$0	$0
SHT3875-new	Structural & Mechanical Detail For Washout@Sta.5+894&Washout@Sta.7+192 &Washout @ Sta.10+600	21d	100%	0d	25-Sep-14	25-Oct-14	30-Sep-14 A	23-Feb-15 A		$0	$0
SHT0289	Structural & Mechanical for ARV at4+082 ,W.O at Sta.4+593 , ARV.4+991 , ARV 5+607 , ARV 6+040 & ARV 6+600	21d	100%	0d	01-Oct-14	30-Oct-14	02-Oct-14 A	05-Oct-14 A		$0	$0



Project Baseline Bar | Baseline Milestone | Actual Level of Effort | Level of Effort
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Milestone Early Bar | Milestone Actual | Critical Bar

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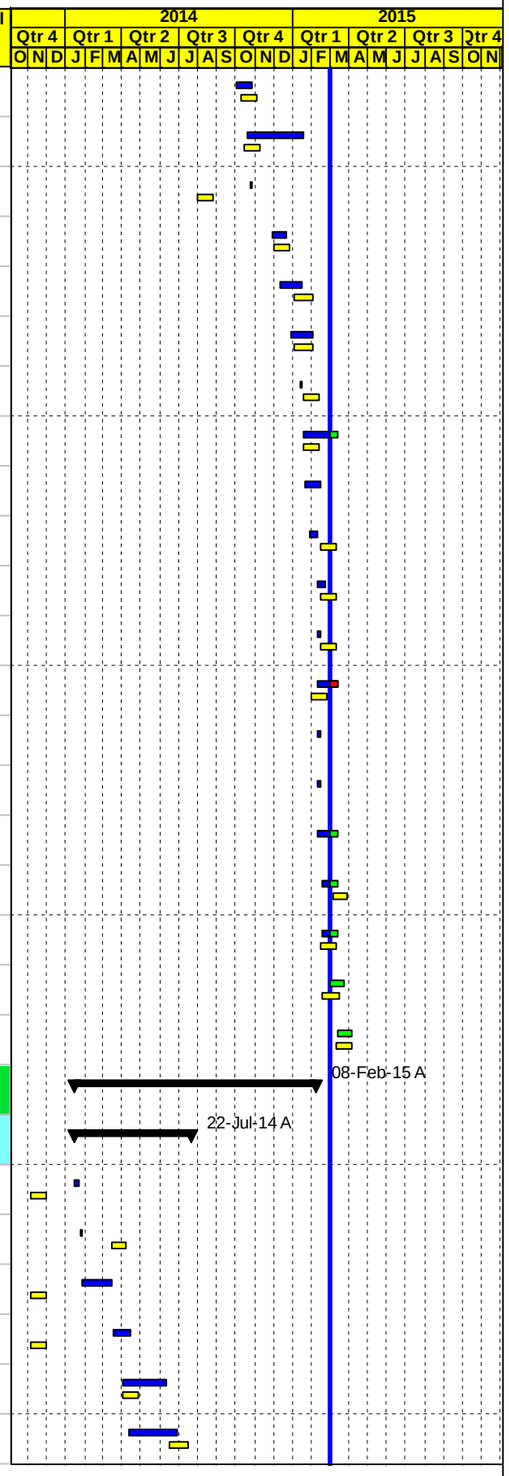
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	BL2 Start	BL2 Finish	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost
SHT0281	Structural and Mechanical Detail for Beit Ummar Connection Chamber at Sta.3+485	21d	100%	0d	11-Oct-14	05-Nov-14	02-Oct-14 A	29-Oct-14 A		$0	$0
SHT0279	Structural and Mechanical Detail for Beit Ummar Flow Monitoring Chamber at Sta.4+625	21d	100%	0d	15-Oct-14	10-Nov-14	20-Oct-14 A	19-Jan-15 A		$0	$0
SHT0267	Structural and Mechanical detail For Deir Sha'ar Connection Chamber @ Sta.1+280	21d	100%	0d	02-Aug-14	25-Aug-14	26-Oct-14 A	28-Oct-14 A		$0	$0
SHT0280-new	Structural &Mech detail for 6" ARV Chamber at St.8+400, 6" ARV Chamber at St.8+878 &10" ARV Chamber at Sta.9+210	21d	100%	0d	01-Dec-14	27-Dec-14	30-Nov-14 A	22-Dec-14 A		$0	$0
SHT0273	Beit Ummar Connection & Washout at Sta.2+290 –and Al Aroub Connection at Sta.0+204	21d	100%	0d	03-Jan-15	03-Feb-15	11-Dec-14 A	17-Jan-15 A		$0	$0
SHT0287	Structural and Mechanical Detail for Karmi Tzure Connection Chamber at Sta.6+240	21d	100%	0d	03-Jan-15	03-Feb-15	29-Dec-14 A	02-Feb-15 A		$0	$0
SHT0297	Structural and Mechanical Detail for 100mm G.V at Sta.6+820 , 75mm ARV at Sta.8+397 and 75mm ARV at Sta.9+210	21d	100%	0d	19-Jan-15	12-Feb-15	14-Jan-15 A	17-Jan-15 A		$0	$0
SHT0278	Structural and Mechanical detail for Halhul Main Connection Chamber and Halhul Connection to Existing at Sta.8+890	21d	50%	11d	19-Jan-15	12-Feb-15	18-Jan-15 A	14-Mar-15	21d	$0	$0
SHT0265-new	Structural and Mechanical detail for Halhul Reservoir Flow Monitoring Chamber at Sta.11+900	21d	100%	0d			22-Jan-15 A	16-Feb-15 A		$0	$0
SHT0280	Structural and Mechanical 10" Indirect WO at St.9+600, 6" Indirect ARV at St.9+680 and 6" Indirect ARV at St. 10+460	21d	100%	0d	14-Feb-15	11-Mar-15	28-Jan-15 A	09-Feb-15 A		$0	$0
SHT0290	Structural and Mechanical Detail for Connection to Existing for Shahera Sta.1+111	21d	100%	0d	14-Feb-15	11-Mar-15	11-Feb-15 A	23-Feb-15 A		$0	$0
SHT4090	Structural and Mechanical Detail for Al Nabi Younis Gate Valve and Washout at Sta. 0+815	21d	100%	0d	14-Feb-15	11-Mar-15	11-Feb-15 A	16-Feb-15 A		$0	$0
SHT4110	Structural and Mechanical Detail for Zaboud Connection to existing @ Sta. 1+111	21d	50%	11d	01-Feb-15	25-Feb-15	11-Feb-15 A	14-Mar-15	1d	$0	$0
SHT4120-new	Structural and Mechanical Detail for 75mm Washout at Shahera Sta.0+557	21d	100%	0d			11-Feb-15 A	16-Feb-15 A		$0	$0
SHT4130-new	Structural and Mechanical Detail for Al Nabi Younis Connection to Existing at Sta.0+780	21d	100%	0d			11-Feb-15 A	16-Feb-15 A		$0	$0
SHT0266-new	Structural and Mechanical Detail for Al Nabi Younis Connection to Existing at Sta.0+000	21d	50%	11d			11-Feb-15 A	14-Mar-15	74d	$0	$0
SHT0300	Structural and Mechanical detail for: 6" Indirect ARV at Sta.11+210 and 10" Indirect W.O. at Sta.11+390	21d	50%	11d	07-Mar-15	30-Mar-15	17-Feb-15 A	14-Mar-15	28d	$0	$0
SHT0270	Structural and Mechanical Detail for Halhul Reservoir Connection at Sta.11+850	21d	50%	11d	14-Feb-15	11-Mar-15	17-Feb-15 A	14-Mar-15	21d	$0	$0
SHT4100	Structural and Mechanical Detail for Hawawer chamber	21d	0%	21d	18-Feb-15	16-Mar-15	01-Mar-15	25-Mar-15	13d	$0	$0
SHT0288	Surge Tank Detail for concrete	21d	0%	21d	11-Mar-15	05-Apr-15	14-Mar-15	07-Apr-15	21d	$0	$0
Concrete walls		351d		0d	06-Nov-13	12-Feb-15	16-Jan-14 A	08-Feb-15 A		$0	$0
Concrete walls Phase One		207d		0d	06-Nov-13	07-Aug-14	16-Jan-14 A	22-Jul-14 A		$0	$0
SHT0304-new	Retaining wall from Sta. Sta.7+093 to Sta.7+220 LHS total length (127LM)	21d	100%	0d	06-Nov-13	30-Nov-13	16-Jan-14 A	23-Jan-14 A		$0	$0
SHT0306-new	Formwork Design for Retaining Work	21d	100%	0d	15-Mar-14	07-Apr-14	26-Jan-14 A	29-Jan-14 A		$0	$0
SHT0305-new	Retaining wall from Sta.7+389 to Sta.7+419.5 LHS and from Sta.7+441 to Sta.7+505 LHS	21d	100%	0d	06-Nov-13	30-Nov-13	28-Jan-14 A	17-Mar-14 A		$0	$0
SHT0308-new	Retaining Wall from Sta.7+220 to Sta.7+376 LHS	21d	100%	0d	06-Nov-13	30-Nov-13	19-Mar-14 A	15-Apr-14 A		$0	$0
SHT0307-new	Retaining Wall from Sta.7+375 to Sta.7+391 LHS and from Sta.7+432 to Sta.7+438 LHS	21d	100%	0d	03-Apr-14	28-Apr-14	03-Apr-14 A	11-Jun-14 A		$0	$0
SHT0313-new	Retaining Wall from Sta.7+200 to Sta.7+220 LHS	21d	100%	0d	16-Jun-14	16-Jul-14	14-Apr-14 A	29-Jun-14 A		$0	$0



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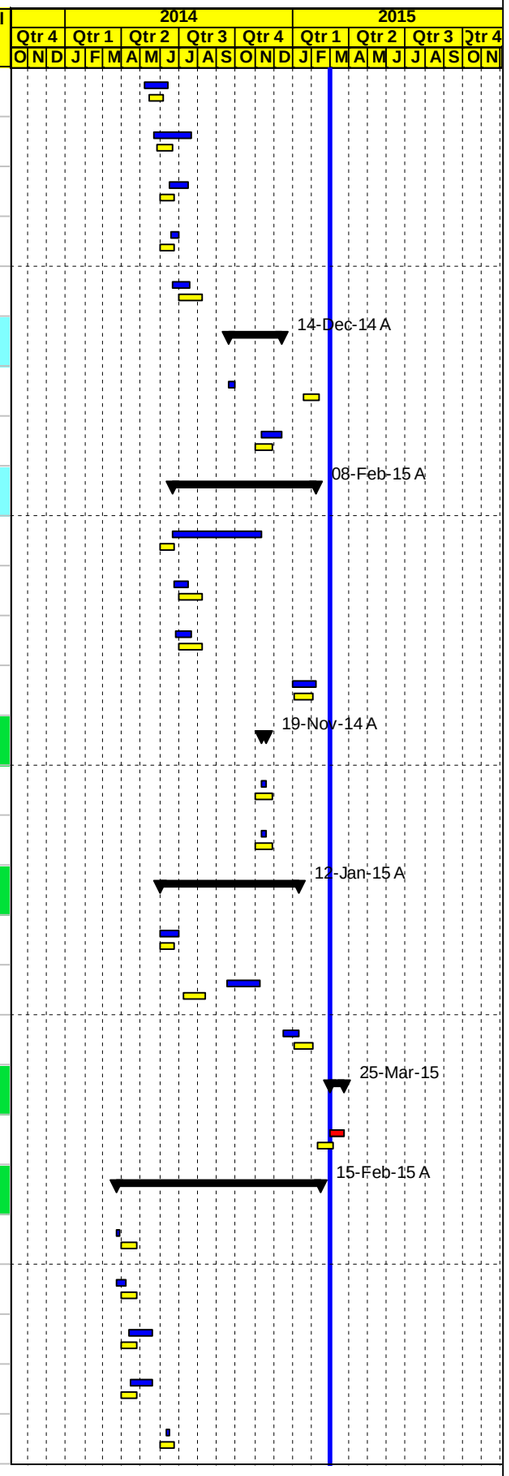
SHT0373-new	Stair @ Sta.7+505 LHS	21d	100%	0d	14-May-14	07-Jun-14	07-May-14 A	15-Jun-14 A		$0	$0
SHT0309-new	Retaining Wall at the access road at Sta.7+185 LHS	21d	100%	0d	28-May-14	21-Jun-14	22-May-14 A	22-Jul-14 A		$0	$0
SHT0312-new	Boundary Wall from Sta.6+935 to Sta.6+966 RHS and Retaining Wall from Sta.6+971 to Sta.7+036 RHS	21d	100%	0d	01-Jun-14	24-Jun-14	16-Jun-14 A	16-Jul-14 A		$0	$0
SHT0314-new	Retaining Wall from Sta.7+425 to Sta.7+430 RHS	21d	100%	0d	01-Jun-14	24-Jun-14	19-Jun-14 A	02-Jul-14 A		$0	$0
SHT0316-new	Retaining Wall from Sta.6+873 to Sta.6+950 LHS	21d	100%	0d	01-Jul-14	07-Aug-14	23-Jun-14 A	20-Jul-14 A		$0	$0
Concrete walls PhaseTwo		77d		0d	01-Nov-14	12-Feb-15	21-Sep-14 A	14-Dec-14 A		$0	$0
SHT0340-new	Retaining Wall from Sta.4+345 to Sta.4+365 RHS	21d	100%	0d	19-Jan-15	12-Feb-15	21-Sep-14 A	30-Sep-14 A		$0	$0
SHT0335-new	Retaining Wall from Sta.4+422 to Sta.4+440 LHS	21d	100%	0d	01-Nov-14	30-Nov-14	12-Nov-14 A	14-Dec-14 A		$0	$0
Concrete walls Phase Three		183d		0d	01-Jun-14	03-Feb-15	22-Jun-14 A	08-Feb-15 A		$0	$0
SHT0315-new	Retaining Wall from Sta.3+226.97 to Sta.3+295 RHS	21d	100%	0d	01-Jun-14	24-Jun-14	22-Jun-14 A	12-Nov-14 A		$0	$0
SHT0313	Concrete Gravity Wall from Sta.3+523 to Sta.3+537 RHS and from Sta.3+555 to Sta.3+573 RHS	21d	100%	0d	01-Jul-14	07-Aug-14	24-Jun-14 A	17-Jul-14 A		$0	$0
SHT0318-new	Retaining Wall from Sta.3+380 to Sta.3+464.92 RHS	21d	100%	0d	01-Jul-14	07-Aug-14	26-Jun-14 A	21-Jul-14 A		$0	$0
SHT0319-new	Retaining Wall from Sta.3+150 to Sta.3+220 RHS	21d	100%	0d	03-Jan-15	03-Feb-15	31-Dec-14 A	08-Feb-15 A		$0	$0
Stone Walls		21d		0d	01-Nov-14	30-Nov-14	12-Nov-14 A	19-Nov-14 A		$0	$0
SHT0320-new	Stone Walls St.4+335-4+343 R , St.4+370-4+379 R, .4+386-4+401 R, St.4+404-4+480 R, 4+483-St.4+491 R& St.4+498-4+520	21d	100%	0d	01-Nov-14	30-Nov-14	12-Nov-14 A	19-Nov-14 A		$0	$0
SHT0330-new	Stone Walls from Sta.4+440 to Sta.4+475 LHS , from Sta.4+478 to Sta.4+505 LHS and from Sta.4+509 to Sta.4+640 LHS	21d	100%	0d	01-Nov-14	30-Nov-14	12-Nov-14 A	19-Nov-14 A		$0	$0
Pipe Culverts		183d		0d	01-Jun-14	03-Feb-15	02-Jun-14 A	12-Jan-15 A		$0	$0
SHT0317-new	Pipe Culvert at Sta.0+543 -Al Aroub Road	21d	100%	0d	01-Jun-14	24-Jun-14	02-Jun-14 A	02-Jul-14 A		$0	$0
SHT0333	Storm Water from Sta.7+940 to Sta.8+570	21d	100%	0d	08-Jul-14	12-Aug-14	17-Sep-14 A	10-Nov-14 A		$0	$0
SHT0336	Storm concrete system from Sta.7+180 to Sta.7+240 and from Sta.7+300 to Sta.7+345	21d	100%	0d	03-Jan-15	03-Feb-15	18-Dec-14 A	12-Jan-15 A		$0	$0
Concrete curbstone and side walk		21d		21d	10-Feb-15	08-Mar-15	01-Mar-15	25-Mar-15	-1d	$0	$0
SHT0349	From St.7+515 to 6+840	21d	0%	21d	10-Feb-15	08-Mar-15	01-Mar-15	25-Mar-15	-1d	$0	$0
Mitered Bends Schedule and fabrication		359d		0d	01-Apr-14	27-Dec-14	23-Mar-14 A	15-Feb-15 A		$0	$0
SHT1060-new	Mitered Bends Schedule and fabrication -8" Beit Ummar Local Network	21d	100%	0d	01-Apr-14	26-Apr-14	23-Mar-14 A	30-Mar-14 A		$0	$0
SHT0370-new	Manufacturer "Bermad" sizing of Deir Shaar Pressure Reducing Valve	21d	100%	0d	01-Apr-14	26-Apr-14	24-Mar-14 A	07-Apr-14 A		$0	$0
SHT0371-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 0+000 to St. 1+200.	21d	100%	0d	01-Apr-14	26-Apr-14	13-Apr-14 A	21-May-14 A		$0	$0
SHT0372-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 6+780 to St. 7+500	21d	100%	0d	01-Apr-14	26-Apr-14	15-Apr-14 A	21-May-14 A		$0	$0
SHT0375-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 1+200 to St. 2+780	21d	100%	0d	01-Jun-14	24-Jun-14	11-Jun-14 A	18-Jun-14 A		$0	$0



Project Baseline Bar | Baseline Milestone | Actual Level of Effort | Level of Effort
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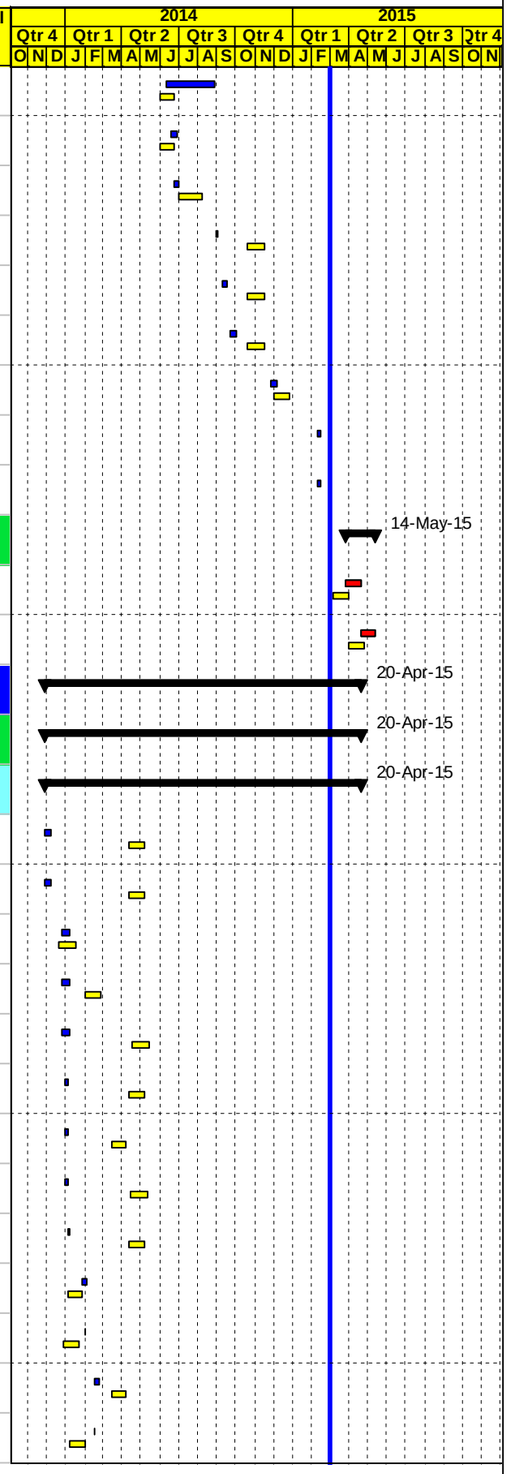
SHT0374-new	Tee Fabrication Shop Drawings and calculation sheets 760 x 150 mm and 760 x 250 mm	21d	100%	0d	01-Jun-14	24-Jun-14	11-Jun-14 A	28-Aug-14 A		$0	$0
SHT0380-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 8+700 to St. 9+300	21d	100%	0d	01-Jun-14	24-Jun-14	19-Jun-14 A	30-Jun-14 A		$0	$0
SHT0381-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 2+780 to St. 3+900	21d	100%	0d	01-Jul-14	07-Aug-14	24-Jun-14 A	02-Jul-14 A		$0	$0
SHT0385-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 3+900 to St. 4+950	21d	100%	0d	21-Oct-14	15-Nov-14	01-Sep-14 A	04-Sep-14 A		$0	$0
SHT0386-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 7+500 to St. 8+700	21d	100%	0d	21-Oct-14	15-Nov-14	11-Sep-14 A	18-Sep-14 A		$0	$0
SHT0387-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 4+950 to St. 6+000	21d	100%	0d	21-Oct-14	15-Nov-14	23-Sep-14 A	02-Oct-14 A		$0	$0
SHT0388-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 6+000 to St. 6+780	21d	100%	0d	01-Dec-14	27-Dec-14	27-Nov-14 A	08-Dec-14 A		$0	$0
SHT0389-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 9+400 to St. 10+700	21d	100%	0d			09-Feb-15 A	15-Feb-15 A		$0	$0
SHT0390-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 10+700 to St. 11+610	21d	100%	0d			09-Feb-15 A	15-Feb-15 A		$0	$0
Others		42d		42d	08-Mar-15	27-Apr-15	26-Mar-15	14-May-15	-1d	$0	$0
SHT0355	Street Lighting	21d	0%	21d	08-Mar-15	01-Apr-15	26-Mar-15	20-Apr-15	-1d	$0	$0
SHT0361	Road furnishing/Guard Rail	21d	0%	21d	01-Apr-15	27-Apr-15	21-Apr-15	14-May-15	-1d	$0	$0
Material Submittals		385d		21d	01-Dec-13	01-Apr-15	28-Nov-13 A	20-Apr-15	42d	$0	$0
Submittals including Manufacturers Qualifications , Shop Test, Product Data		385d		21d	01-Dec-13	01-Apr-15	28-Nov-13 A	20-Apr-15	42d	$0	$0
Material Submittal Roads		373d		21d	22-Dec-13	01-Apr-15	28-Nov-13 A	20-Apr-15	42d	$0	$0
SHT0480	Cat eyes	21d	100%	0d	12-Apr-14	07-May-14	28-Nov-13 A	09-Dec-13 A		$0	$0
SHT0485	Thermoplastic paint	21d	100%	0d	12-Apr-14	07-May-14	28-Nov-13 A	09-Dec-13 A		$0	$0
SHT0380	Concrete Mix Design including cement type	21d	100%	0d	22-Dec-13	18-Jan-14	25-Dec-13 A	07-Jan-14 A		$0	$0
SHT0445	Bituminous Wearing Course-Mix Design	21d	100%	0d	02-Feb-14	27-Feb-14	25-Dec-13 A	08-Jan-14 A		$0	$0
SHT0500	Curbstone paint material	21d	100%	0d	17-Apr-14	14-May-14	25-Dec-13 A	08-Jan-14 A		$0	$0
SHT0490	Guard Rail	21d	100%	0d	12-Apr-14	07-May-14	30-Dec-13 A	06-Jan-14 A		$0	$0
SHT0460	Concrete joint sealant material	21d	100%	0d	15-Mar-14	07-Apr-14	30-Dec-13 A	06-Jan-14 A		$0	$0
SHT0425	Curbstone	21d	100%	0d	16-Apr-14	13-May-14	30-Dec-13 A	06-Jan-14 A		$0	$0
SHT0495	Traffic sign	21d	100%	0d	12-Apr-14	07-May-14	05-Jan-14 A	08-Jan-14 A		$0	$0
SHT0405	Base Course Source	21d	100%	0d	04-Jan-14	28-Jan-14	29-Jan-14 A	04-Feb-14 A		$0	$0
SHT0390	Steel Reinforcement	21d	100%	0d	29-Dec-13	23-Jan-14	02-Feb-14 A	03-Feb-14 A		$0	$0
SHT0455	Concrete Repair	21d	100%	0d	15-Mar-14	07-Apr-14	16-Feb-14 A	25-Feb-14 A		$0	$0
SHT0385	Formwork material	21d	100%	0d	08-Jan-14	01-Feb-14	16-Feb-14 A	18-Feb-14 A		$0	$0



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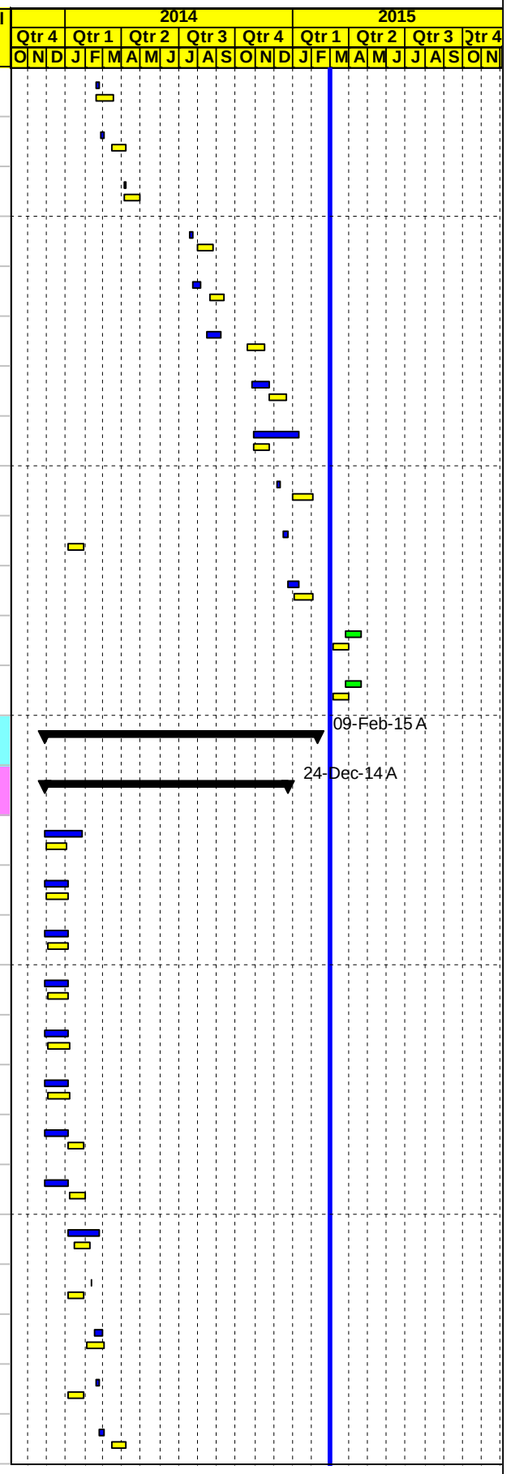
SHT0566-new	Damp proofing	21d	100%	0d	20-Feb-14	19-Mar-14	20-Feb-14 A	24-Feb-14 A		$0	$0
SHT0565-new	Protection Board Sample	21d	100%	0d	15-Mar-14	07-Apr-14	26-Feb-14 A	03-Mar-14 A		$0	$0
SHT0567-new	Second source of base course	21d	100%	0d	06-Apr-14	30-Apr-14	06-Apr-14 A	08-Apr-14 A		$0	$0
SHT0440	Asphalt wearing	21d	100%	0d	02-Aug-14	25-Aug-14	20-Jul-14 A	24-Jul-14 A		$0	$0
SHT0445-new	Concrete Ready-Mix Design Class B35-Size 20 mm	21d	100%	0d	20-Aug-14	13-Sep-14	24-Jul-14 A	05-Aug-14 A		$0	$0
SHT0395	Precast water manhole	21d	100%	0d	21-Oct-14	15-Nov-14	17-Aug-14 A	09-Sep-14 A		$0	$0
SHT0505	Flexible electrical conduit	21d	100%	0d	24-Nov-14	21-Dec-14	29-Oct-14 A	24-Nov-14 A		$0	$0
SHT0465	Street Lighting including poles	21d	100%	0d	29-Oct-14	25-Nov-14	30-Oct-14 A	12-Jan-15 A		$0	$0
SHT0680-new	Concrete curing compound material	21d	100%	0d	01-Jan-15	02-Feb-15	08-Dec-14 A	11-Dec-14 A		$0	$0
SHT0415	Storm water pipes- PCP factory	21d	100%	0d	06-Jan-14	30-Jan-14	17-Dec-14 A	24-Dec-14 A		$0	$0
SHT0640	Cover for Storm water	21d	100%	0d	03-Jan-15	03-Feb-15	24-Dec-14 A	12-Jan-15 A		$0	$0
SHT0475	Galvanized steel Handrail	21d	0%	21d	08-Mar-15	01-Apr-15	26-Mar-15	20-Apr-15	20d	$0	$0
SHT0470	Interlocking Blocks	21d	0%	21d	08-Mar-15	01-Apr-15	26-Mar-15	20-Apr-15	42d	$0	$0
Material Submittals Pipelines including Hydraulic calculation and wiring diagrams, lab		364d		0d	01-Dec-13	21-Feb-15	28-Nov-13 A	09-Feb-15 A		$0	$0
Pipes		322d		0d	01-Dec-13	02-Feb-15	28-Nov-13 A	24-Dec-14 A		$0	$0
SHT0510	Steel pipeline 760 mm	21d	100%	0d	01-Dec-13	02-Jan-14	28-Nov-13 A	28-Jan-14 A		$0	$0
SHT0515	Steel pipeline 300 mm	21d	100%	0d	02-Dec-13	04-Jan-14	28-Nov-13 A	05-Jan-14 A		$0	$0
SHT0520	Steel pipeline 200 mm	21d	100%	0d	03-Dec-13	05-Jan-14	28-Nov-13 A	05-Jan-14 A		$0	$0
SHT0525	Steel pipeline 150 mm	21d	100%	0d	03-Dec-13	05-Jan-14	28-Nov-13 A	05-Jan-14 A		$0	$0
SHT0530	Steel pipeline 100 mm	21d	100%	0d	04-Dec-13	06-Jan-14	28-Nov-13 A	05-Jan-14 A		$0	$0
SHT0535	Steel pipeline 75 mm	21d	100%	0d	04-Dec-13	06-Jan-14	28-Nov-13 A	05-Jan-14 A		$0	$0
SHT0548	Steel pipeline 250 mm	21d	100%	0d	06-Jan-14	30-Jan-14	28-Nov-13 A	05-Jan-14 A		$0	$0
SHT0557	Steel pipeline 50 mm	21d	100%	0d	08-Jan-14	01-Feb-14	28-Nov-13 A	05-Jan-14 A		$0	$0
SHT0559	Shrinkable sheet	21d	100%	0d	15-Jan-14	08-Feb-14	05-Jan-14 A	24-Feb-14 A		$0	$0
SHT0543	Bedding material	21d	100%	0d	05-Jan-14	29-Jan-14	12-Feb-14 A	13-Feb-14 A		$0	$0
SHT0560	Warning tape	21d	100%	0d	04-Feb-14	02-Mar-14	18-Feb-14 A	02-Mar-14 A		$0	$0
SHT0547	Backfilling material	21d	100%	0d	06-Jan-14	30-Jan-14	20-Feb-14 A	24-Feb-14 A		$0	$0
SHT0561-new	Non-shrink cementation mortar - Fosroc	21d	100%	0d	15-Mar-14	07-Apr-14	25-Feb-14 A	05-Mar-14 A		$0	$0



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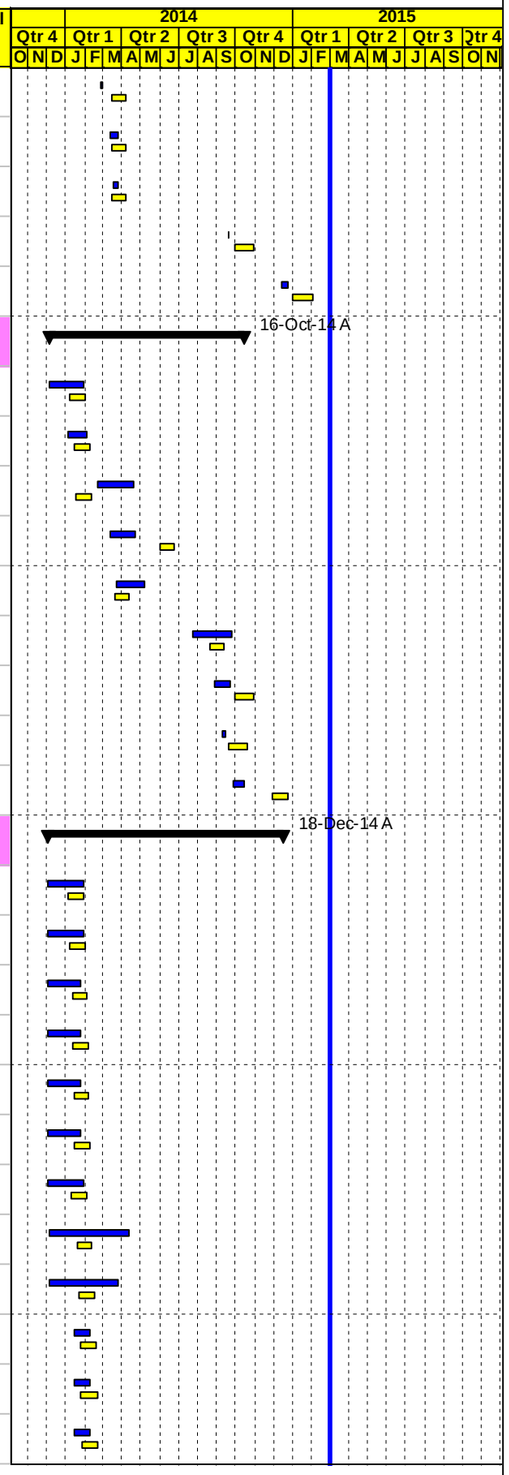
SHT0562-new	4" PVC Weep Pipe	21d	100%	0d	15-Mar-14	07-Apr-14	26-Feb-14 A	02-Mar-14 A		$0	$0
SHT0564-new	Finish paint for exposed pipes/fittings and pipes/fittings inside chambers_ FOSROC_Nitocote EP	21d	100%	0d	15-Mar-14	07-Apr-14	13-Mar-14 A	27-Mar-14 A		$0	$0
SHT0563-new	Galvanized Steel pipeline 0.5", 0.75",1",1.5",2"	21d	100%	0d	15-Mar-14	07-Apr-14	19-Mar-14 A	26-Mar-14 A		$0	$0
SHT0569-new	Steel pipes -16", 20" and 24"	21d	100%	0d	01-Oct-14	30-Oct-14	20-Sep-14 A	21-Sep-14 A		$0	$0
SHT0570-new	400 mm UPVC pipes SN 8	21d	100%	0d	01-Jan-15	02-Feb-15	15-Dec-14 A	24-Dec-14 A		$0	$0
Manholes and chambers		270d		0d	08-Jan-14	23-Dec-14	05-Dec-13 A	16-Oct-14 A		$0	$0
SHT0563	Air ventilation pipes	21d	100%	0d	08-Jan-14	01-Feb-14	05-Dec-13 A	30-Jan-14 A		$0	$0
SHT0575	Steel flanges	21d	100%	0d	15-Jan-14	08-Feb-14	05-Jan-14 A	04-Feb-14 A		$0	$0
SHT0580	Flange Gaskets_Klinger	21d	100%	0d	18-Jan-14	10-Feb-14	23-Feb-14 A	20-Apr-14 A		$0	$0
SHT0590	Epoxy coating	21d	100%	0d	01-Jun-14	24-Jun-14	13-Mar-14 A	23-Apr-14 A		$0	$0
SHT0585	Bolts ,washers & nuts	21d	100%	0d	20-Mar-14	13-Apr-14	24-Mar-14 A	07-May-14 A		$0	$0
SHT0584-new	Pre Cast Concrete for Water Chamber 1.50m *1.5m*2.0m	21d	100%	0d	20-Aug-14	13-Sep-14	24-Jul-14 A	25-Sep-14 A		$0	$0
SHT0568	Steel Manhole Cover for Storm System and Water System	21d	100%	0d	01-Oct-14	30-Oct-14	28-Aug-14 A	24-Sep-14 A		$0	$0
SHT0592-new	Adjustable support for pipes & Fittings inside chambers.	21d	100%	0d	21-Sep-14	20-Oct-14	11-Sep-14 A	15-Sep-14 A		$0	$0
SHT0570	Manholes Rungs	21d	100%	0d	29-Nov-14	23-Dec-14	28-Sep-14 A	16-Oct-14 A		$0	$0
Valves & fittings including Design calculations of fitting		298d		0d	06-Jan-14	02-Feb-15	04-Dec-13 A	18-Dec-14 A		$0	$0
SHT0600	Butterfly. valves 760 mm	21d	100%	0d	06-Jan-14	30-Jan-14	04-Dec-13 A	30-Jan-14 A		$0	$0
SHT0605	Butterfly.valves 500 mm	21d	100%	0d	08-Jan-14	01-Feb-14	04-Dec-13 A	30-Jan-14 A		$0	$0
SHT0615	Gate valves 250. with Actuators	21d	100%	0d	12-Jan-14	04-Feb-14	04-Dec-13 A	26-Jan-14 A		$0	$0
SHT0620	Gate valves 150 with Actuators	21d	100%	0d	13-Jan-14	05-Feb-14	04-Dec-13 A	26-Jan-14 A		$0	$0
SHT0625	Gate valves 100. with Actuators	21d	100%	0d	14-Jan-14	06-Feb-14	04-Dec-13 A	26-Jan-14 A		$0	$0
SHT0630	Gate valves 75.	21d	100%	0d	15-Jan-14	08-Feb-14	04-Dec-13 A	26-Jan-14 A		$0	$0
SHT0610	Butterfly. valves400 mm	21d	100%	0d	11-Jan-14	03-Feb-14	04-Dec-13 A	30-Jan-14 A		$0	$0
SHT0645	Combination Air relief valves	21d	100%	0d	20-Jan-14	12-Feb-14	05-Dec-13 A	14-Apr-14 A		$0	$0
SHT0655	Dismantling Joint	21d	100%	0d	22-Jan-14	17-Feb-14	05-Dec-13 A	27-Mar-14 A		$0	$0
SHT0660	Steel Elbows	21d	100%	0d	25-Jan-14	19-Feb-14	16-Jan-14 A	09-Feb-14 A		$0	$0
SHT0665	Steel Tees	21d	100%	0d	26-Jan-14	20-Feb-14	16-Jan-14 A	09-Feb-14 A		$0	$0
SHT0670	Steel reducers	21d	100%	0d	27-Jan-14	22-Feb-14	16-Jan-14 A	09-Feb-14 A		$0	$0



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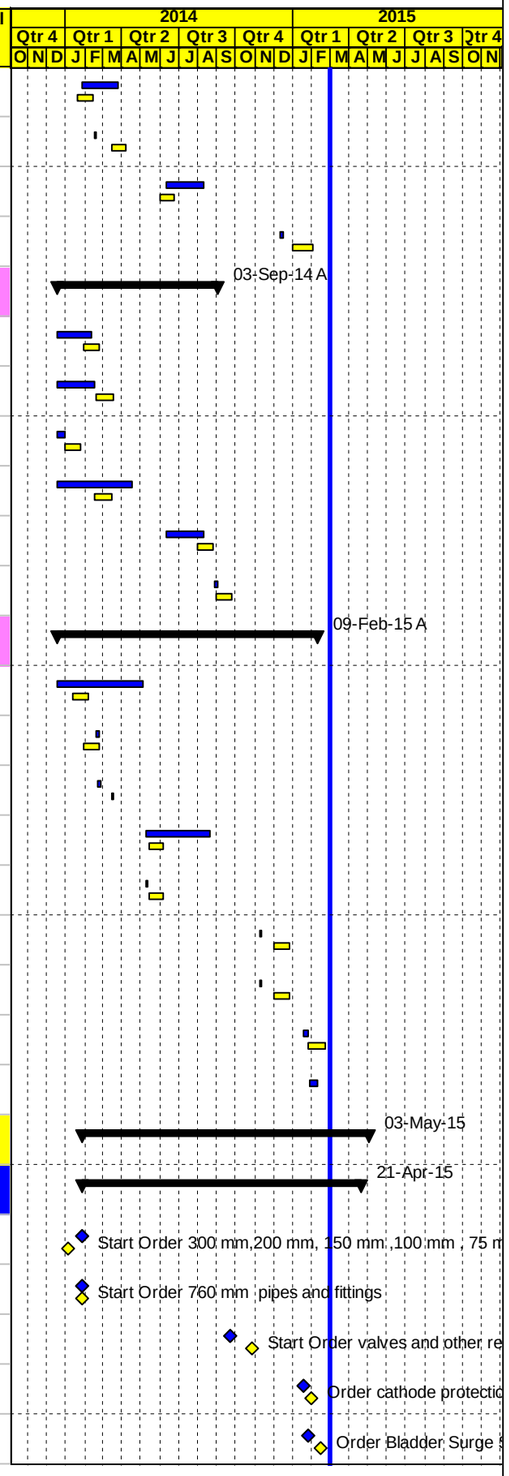
SHT0650	Mechanical coupling	21d	100%	0d	21-Jan-14	13-Feb-14	29-Jan-14 A	27-Mar-14 A		$0	$0
SHT0691-new	Galvanized Malleable Iron Fittings up to 2"- Modal	21d	100%	0d	15-Mar-14	07-Apr-14	18-Feb-14 A	20-Feb-14 A		$0	$0
SHT0675	Electro magnetic flow Water meters	21d	100%	0d	01-Jun-14	24-Jun-14	11-Jun-14 A	12-Aug-14 A		$0	$0
SHT0685-new	Washout Flap Valve	21d	100%	0d	01-Jan-15	02-Feb-15	11-Dec-14 A	18-Dec-14 A		$0	$0
Control Valves		209d		0d	30-Dec-13	24-Sep-14	19-Dec-13 A	03-Sep-14 A		$0	$0
SHT0700	Pressure reducing valves	21d	100%	0d	29-Jan-14	24-Feb-14	19-Dec-13 A	13-Feb-14 A		$0	$0
SHT0705	Flow control valves	21d	100%	0d	18-Feb-14	17-Mar-14	19-Dec-13 A	16-Feb-14 A		$0	$0
SHT0710	Pressure relief valves	21d	100%	0d	30-Dec-13	25-Jan-14	19-Dec-13 A	31-Dec-13 A		$0	$0
SHT0740	Swing check valve (8"-PN16)	21d	100%	0d	17-Feb-14	16-Mar-14	19-Dec-13 A	17-Apr-14 A		$0	$0
SHT0730	Electro-Magnetic water meter-Siemens	21d	100%	0d	02-Aug-14	25-Aug-14	11-Jun-14 A	12-Aug-14 A		$0	$0
SHT0750-new	Ball Valve-Tyco F120 for Pressure Gauge	21d	100%	0d	01-Sep-14	24-Sep-14	28-Aug-14 A	03-Sep-14 A		$0	$0
Others		336d		0d	13-Jan-14	21-Feb-15	19-Dec-13 A	09-Feb-15 A		$0	$0
SHT0785	Strainers.	21d	100%	0d	13-Jan-14	05-Feb-14	19-Dec-13 A	05-May-14 A		$0	$0
SHT0788	protective lining and coating	21d	100%	0d	29-Jan-14	24-Feb-14	20-Feb-14 A	24-Feb-14 A		$0	$0
SHT0911-new	Spacers	5d	100%	0d	15-Mar-14	19-Mar-14	23-Feb-14 A	27-Feb-14 A		$0	$0
SHT1065-new	Pressure Gauge	21d	100%	0d	14-May-14	07-Jun-14	11-May-14 A	21-Aug-14 A		$0	$0
SHT1067-new	Elcometer 280	21d	100%	0d	14-May-14	07-Jun-14	11-May-14 A	12-May-14 A		$0	$0
SHT1070-new	Electrical cables for lighting poles	21d	100%	0d	01-Dec-14	27-Dec-14	09-Nov-14 A	12-Nov-14 A		$0	$0
SHT1075-new	Street luminaries-lamp and accessories	21d	100%	0d	01-Dec-14	27-Dec-14	09-Nov-14 A	12-Nov-14 A		$0	$0
SHT1001	Bladder Surge System	21d	100%	0d	27-Jan-15	21-Feb-15	18-Jan-15 A	25-Jan-15 A		$0	$0
SHT1011-new	Electrical panel for water metering chambers	21d	100%	0d			29-Jan-15 A	09-Feb-15 A		$0	$0
Procurements		483d		64d	06-Jan-14	03-May-15	27-Jan-14 A	03-May-15	11d	$532,299	$447,484
Order		379d		0d	06-Jan-14	01-Apr-15	27-Jan-14 A	21-Apr-15	10d	$0	$0
SHT0920	Start Order 300 mm,200 mm, 150 mm ,100 mm , 75 mm pipes and fittings	0d	100%	0d	06-Jan-14		27-Jan-14 A			$0	$0
SHT0930	Start Order 760 mm pipes and fittings	0d	100%	0d	27-Jan-14		27-Jan-14 A			$0	$0
SHT0940	Start Order valves and other related materials	0d	100%	0d	27-Oct-14		22-Sep-14 A			$0	$0
SHT1120-new	Order cathode protection	0d	100%	0d	01-Feb-15		19-Jan-15 A			$0	$0
SHT1071-new	Order Bladder Surge System	0d	100%	0d	15-Feb-15		25-Jan-15 A			$0	$0



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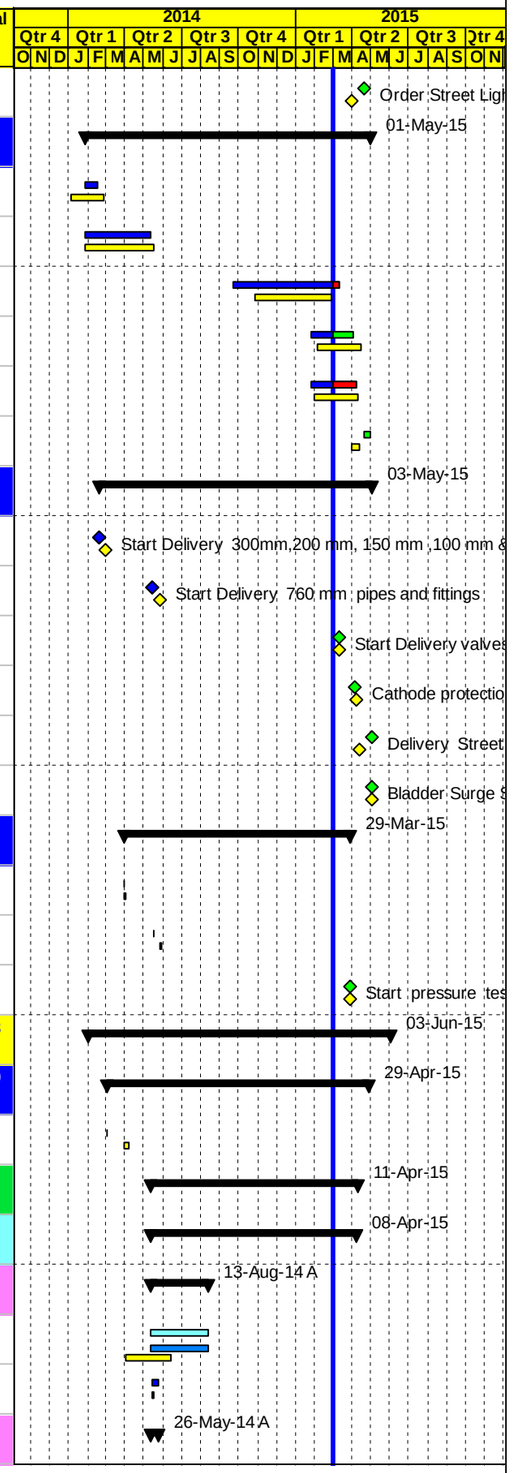
SHT0950	Order Street Lighting Poles	0d	0%	0d	01-Apr-15		21-Apr-15		10d	$0	$0
Manufacturing		481d		62d	06-Jan-14	16-Apr-15	27-Jan-14 A	01-May-15	12d	$532,299	$447,484
SHT0960	300 mm,200 mm, 150 mm ,100 mm , 75 mm pipes and fittings	46d	100%	0d	06-Jan-14	27-Feb-14	27-Jan-14 A	18-Feb-14 A		$0	$0
SHT0970	760 mm pipes and fittings	87d	100%	0d	27-Jan-14	18-May-14	27-Jan-14 A	14-May-14 A		$0	$0
SHT0980	valves and other related materials	100d	90%	10d	27-Oct-14	26-Feb-15	23-Sep-14 A	11-Mar-15	0d	$459,000	$413,100
SHT1130-new	Cathode protection	70d	50%	35d	06-Feb-15	16-Apr-15	26-Jan-15 A	04-Apr-15	30d	$27,989	$13,994
SHT1080-new	Bladder Surge System	70d	45%	39d	01-Feb-15	11-Apr-15	26-Jan-15 A	08-Apr-15	0d	$45,310	$20,390
SHT0990	Street Lighting Poles	10d	0%	10d	01-Apr-15	13-Apr-15	21-Apr-15	01-May-15	10d	$0	$0
Delivery		430d		53d	28-Feb-14	03-May-15	19-Feb-14 A	03-May-15	11d	$0	$0
SHT1000	Start Delivery 300mm,200 mm, 150 mm ,100 mm & 75 mm pipes and fittings	0d	100%	0d	28-Feb-14		19-Feb-14 A			$0	$0
SHT1010	Start Delivery 760 mm pipes and fittings	0d	100%	0d	28-May-14		15-May-14 A			$0	$0
SHT1020	Start Delivery valves and other related materials	0d	0%	0d	12-Mar-15		12-Mar-15		0d	$0	$0
SHT1140-new	Cathode protection	0d	0%	0d	09-Apr-15		05-Apr-15		30d	$0	$0
SHT1030	Delivery Street Lighting Poles	0d	0%	0d	13-Apr-15		03-May-15		10d	$0	$0
SHT1090-new	Bladder Surge System	0d	0%	0d	03-May-15		03-May-15		0d	$0	$0
Testing		363d		0d	01-Apr-14	29-Mar-15	31-Mar-14 A	29-Mar-15	15d	$0	$0
SHT1040	Start Testing 300 mm,200 mm, 150 mm ,100 mm , 75 mm pipes and fittings	3d	100%	0d	01-Apr-14	03-Apr-14	31-Mar-14 A	31-Mar-14 A		$0	$0
SHT1050	Start Testing 760 mm pipes and fittings	3d	100%	0d	28-May-14	30-May-14	18-May-14 A	18-May-14 A		$0	$0
SHT1062-new	Start pressure testing	0d	0%	0d	29-Mar-15		29-Mar-15		12d	$0	$0
Construction		446d		95d	15-Mar-14	28-May-15	01-Feb-14 A	03-Jun-15	5d	$14,476,725	$7,318,323
Phase #1 Beit Ummar, Al Arrub-Beit Ummar & Halhul Networks		394d		60d	01-Apr-14	29-Apr-15	04-Mar-14 A	29-Apr-15	29d	$1,349,453	$1,152,219
SHT1174	Start Implement traffic control Phase one	5d	100%	0d	01-Apr-14	06-Apr-14	04-Mar-14 A	04-Mar-14 A		$0	$0
Beit Ummar Water Distribution network		286d		35d	03-Apr-14	11-Apr-15	13-May-14 A	11-Apr-15	17d	$390,083	$365,571
Beit Ummar Water Distribution network From Sta. 0+000 to Sta. 1+200		284d		33d	03-Apr-14	08-Apr-15	13-May-14 A	08-Apr-15	17d	$211,791	$196,239
Safety, saw cut asphalt and milling		59d		0d	03-Apr-14	14-Jun-14	13-May-14 A	13-Aug-14 A		$0	$0
SHT1175	Maintain traffic control and safety plan ,coordination with local and all parties	59d	100%	0d	03-Apr-14	14-Jun-14	13-May-14 A	13-Aug-14 A		$0	$0
SHT1180	saw cut asphalt	3d	100%	0d	14-May-14	17-May-14	14-May-14 A	26-May-14 A		$0	$0
Pipe Installation		31d		0d	17-May-14	21-Jun-14	14-May-14 A	26-May-14 A		$152,040	$152,040



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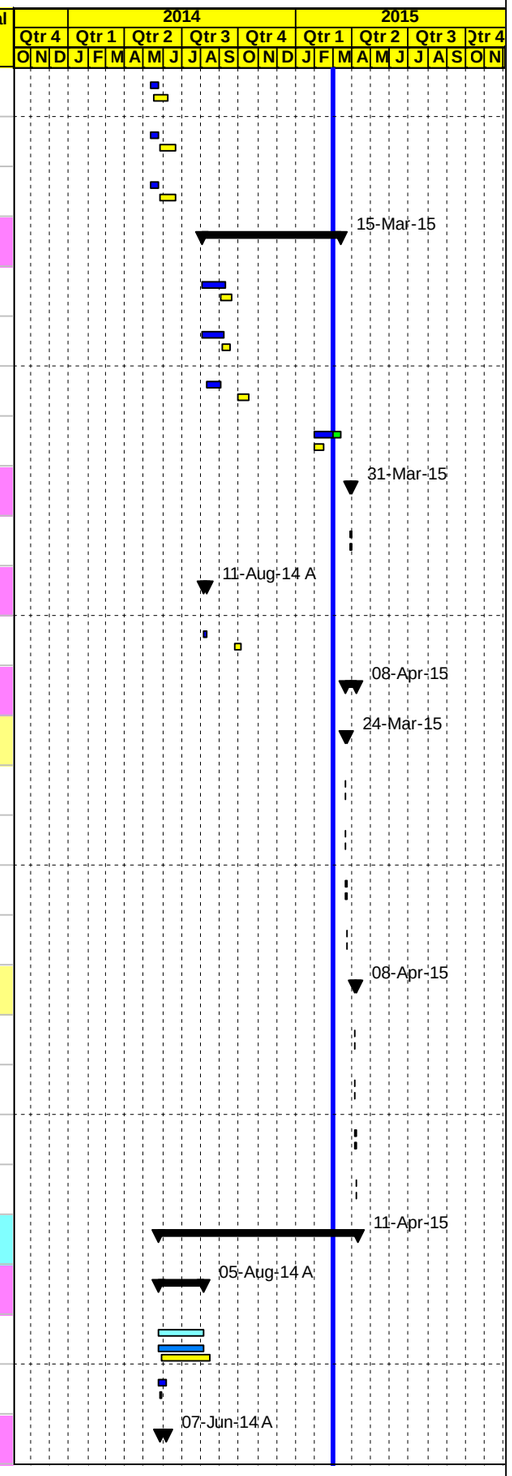
SHT1185	Trench excavation for 200 mm Dist. pipeline with length approx. (1200 LM)	21d	100%	0d	17-May-14	09-Jun-14	14-May-14 A	26-May-14 A		$21,000	$21,000
SHT1190	Bedding layer & install the above dist.Steel pipeline including required welding inspection	21d	100%	0d	27-May-14	21-Jun-14	14-May-14 A	26-May-14 A		$113,400	$113,400
SHT1195	Backfill the pipe trench with approved materials to the required level including 20 cm base course	21d	100%	0d	27-May-14	21-Jun-14	14-May-14 A	26-May-14 A		$17,640	$17,640
Civil Chamber work		126d		11d	01-Sep-14	15-Feb-15	04-Aug-14 A	15-Mar-15	25d	$12,360	$9,168
SHT1200	Construct - Gate Valve chamber (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.0+011	16d	100%	0d	01-Sep-14	20-Sep-14	04-Aug-14 A	10-Sep-14 A		$3,680	$3,680
SHT1205	Construct - Wash out chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.0+060	12d	100%	0d	04-Sep-14	18-Sep-14	04-Aug-14 A	07-Sep-14 A		$2,800	$2,800
SHT1255-new	Construct - ARV chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.1+092	12d	100%	0d	30-Sep-14	18-Oct-14	11-Aug-14 A	03-Sep-14 A		$2,520	$2,520
SHT1400-new	Construct - Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ Sta.0+804	12d	5%	11d	01-Feb-15	15-Feb-15	31-Jan-15 A	15-Mar-15	25d	$3,360	$168
Testing		2d		2d	29-Mar-15	31-Mar-15	29-Mar-15	31-Mar-15	12d	$0	$0
SHT1210	Pressure Testing	2d	0%	2d	29-Mar-15	31-Mar-15	29-Mar-15	31-Mar-15	12d	$0	$0
Asphalt		7d		0d	25-Sep-14	04-Oct-14	06-Aug-14 A	11-Aug-14 A		$35,031	$35,031
SHT1215	Asphalt Reinstatement over pipe trench including prime coat and 5 cm asphalt wearing layer	7d	100%	0d	25-Sep-14	04-Oct-14	06-Aug-14 A	11-Aug-14 A		$35,031	$35,031
Mechanical Chambers work		17d		17d	21-Mar-15	08-Apr-15	21-Mar-15	08-Apr-15	17d	$12,360	$0
Welding flanges		4d		4d	21-Mar-15	24-Mar-15	21-Mar-15	24-Mar-15	5d	$0	$0
SHT-1000-MECH	Welding flanges for Gate Valve chamber (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.0+011	1d	0%	1d	21-Mar-15	21-Mar-15	21-Mar-15	21-Mar-15	5d	$0	$0
SHT-1010-MECH	Welding flanges for Wash out chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.0+060	1d	0%	1d	22-Mar-15	22-Mar-15	22-Mar-15	22-Mar-15	5d	$0	$0
SHT-1020-MECH	Welding flanges for Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ Sta.0+804	1d	0%	1d	23-Mar-15	23-Mar-15	23-Mar-15	23-Mar-15	5d	$0	$0
SHT-1030-MECH	Welding flanges for ARV chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.1+092	1d	0%	1d	24-Mar-15	24-Mar-15	24-Mar-15	24-Mar-15	5d	$0	$0
Mechanical fittings installation		4d		4d	05-Apr-15	08-Apr-15	05-Apr-15	08-Apr-15	17d	$12,360	$0
SHT-1040-MECH	Fittings installation for Gate Valve chamber (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.0+011	1d	0%	1d	05-Apr-15	05-Apr-15	05-Apr-15	05-Apr-15	17d	$3,680	$0
SHT-1050-MECH	Fittings installation for Wash out chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.0+060	1d	0%	1d	06-Apr-15	06-Apr-15	06-Apr-15	06-Apr-15	17d	$2,800	$0
SHT-1060-MECH	Fittings installation for Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ Sta.0+804	1d	0%	1d	07-Apr-15	07-Apr-15	07-Apr-15	07-Apr-15	17d	$3,360	$0
SHT-1070-MECH	Fittings installation for ARV chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.1+092	1d	0%	1d	08-Apr-15	08-Apr-15	08-Apr-15	08-Apr-15	17d	$2,520	$0
Beit Ummar Water Distribution network From Sta. 1+200 to Sta. 2+311		242d		15d	28-May-14	11-Apr-15	26-May-14 A	11-Apr-15	17d	$178,292	$169,332
Safety, saw cut asphalt and milling		56d		0d	28-May-14	16-Aug-14	26-May-14 A	05-Aug-14 A		$0	$0
SHT1220	Maintain traffic control and safety plan ,coordination with local and all parties	54d	100%	0d	31-May-14	16-Aug-14	26-May-14 A	05-Aug-14 A		$0	$0
SHT1225	Saw cut asphalt	3d	100%	0d	28-May-14	31-May-14	26-May-14 A	07-Jun-14 A		$0	$0
Pipe Installation		21d		0d	01-Jun-14	24-Jun-14	27-May-14 A	07-Jun-14 A		$140,764	$140,764



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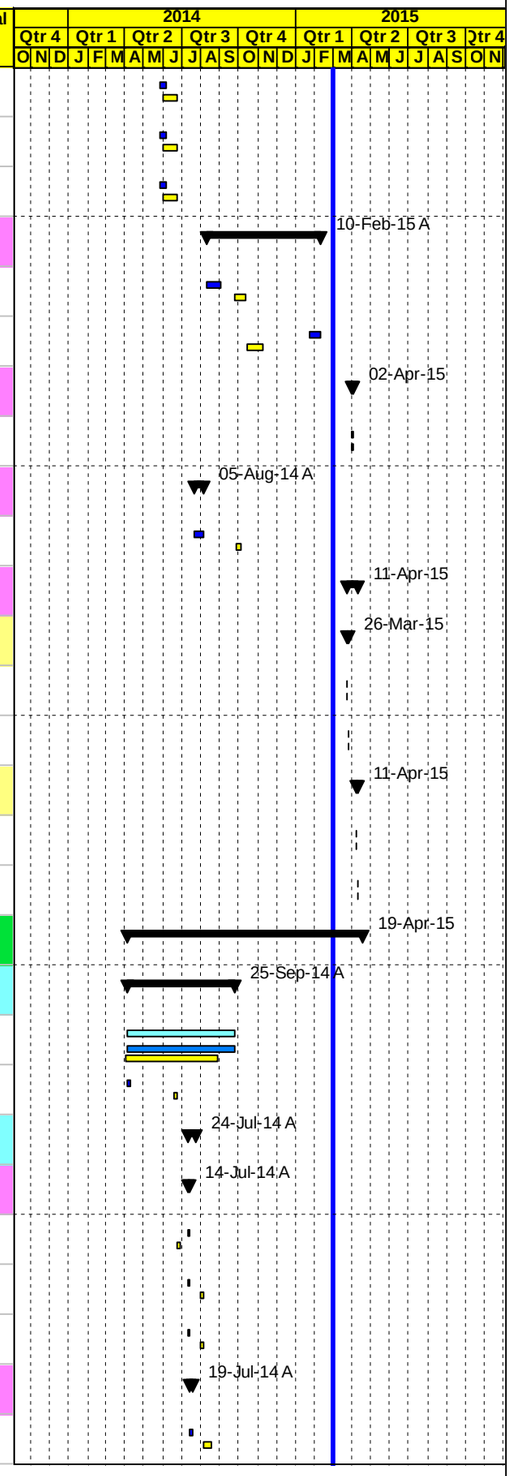
SHT1235	Bedding layer & install the above dist.Steel pipeline including required welding inspection	21d	100%	0d	01-Jun-14	24-Jun-14	27-May-14 A	07-Jun-14 A		$104,990	$104,990
SHT1240	Backfill the pipe trench with approved materials to the required level including 20 cm base course	21d	100%	0d	01-Jun-14	24-Jun-14	27-May-14 A	07-Jun-14 A		$16,332	$16,332
SHT1230	Trench excavation for 200 mm Dist. pipeline with length approx. (1111 LM)	21d	100%	0d	01-Jun-14	24-Jun-14	27-May-14 A	07-Jun-14 A		$19,443	$19,443
Civil Chamber work		34d		0d	25-Sep-14	10-Nov-14	10-Aug-14 A	10-Feb-15 A		$8,960	$8,960
SHT1245	Construct - Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ 1+227	12d	100%	0d	25-Sep-14	13-Oct-14	10-Aug-14 A	03-Sep-14 A		$3,360	$3,360
SHT1250	Construct - Connection to existing and Wash out chamber (DN 200&75mm, pipeline Dia 200mm, PN16) @ 2+272	21d	100%	0d	15-Oct-14	10-Nov-14	24-Jan-15 A	10-Feb-15 A		$5,600	$5,600
Testing		2d		2d	31-Mar-15	02-Apr-15	31-Mar-15	02-Apr-15	12d	$0	$0
SHT1255	Pressure Testing	2d	0%	2d	31-Mar-15	02-Apr-15	31-Mar-15	02-Apr-15	12d	$0	$0
Asphalt		7d		0d	28-Sep-14	05-Oct-14	21-Jul-14 A	05-Aug-14 A		$19,608	$19,608
SHT1260	Asphalt Reinstatement over pipe trench including prime coat and 5 cm asphalt wearing layer	7d	100%	0d	28-Sep-14	05-Oct-14	21-Jul-14 A	05-Aug-14 A		$19,608	$19,608
Mechanical Chambers work		15d		15d	25-Mar-15	11-Apr-15	25-Mar-15	11-Apr-15	17d	$8,960	$0
Welding flanges		2d		2d	25-Mar-15	26-Mar-15	25-Mar-15	26-Mar-15	5d	$0	$0
SHT-1080-MECH	Welding flanges for Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ 1+227	1d	0%	1d	25-Mar-15	25-Mar-15	25-Mar-15	25-Mar-15	5d	$0	$0
SHT-1090-MECH	Welding flanges for Connection to existing and Wash out chamber (DN 200&75mm, pipeline Dia 200mm, PN16) @ 2+272	1d	0%	1d	26-Mar-15	26-Mar-15	26-Mar-15	26-Mar-15	5d	$0	$0
Mechanical fittings installation		2d		2d	09-Apr-15	11-Apr-15	09-Apr-15	11-Apr-15	17d	$8,960	$0
SHT-1100-MECH	Fittings installation for Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ 1+227	1d	0%	1d	09-Apr-15	09-Apr-15	09-Apr-15	09-Apr-15	17d	$3,360	$0
SHT-1110-MECH	Fittings installation for Connection to existing and Wash out chamber (DN 200&75mm, pipeline Dia 200mm, PN16) @ 2+272	1d	0%	1d	11-Apr-15	11-Apr-15	11-Apr-15	11-Apr-15	17d	$5,600	$0
Al Arrub-Beit Ummar Water Distribution network From Sta. 0+000 to Sta. 1+086		383d		50d	02-Apr-14	19-Apr-15	05-Apr-14 A	19-Apr-15	20d	$181,343	$160,823
Safety, saw cut asphalt and milling		112d		0d	02-Apr-14	28-Aug-14	05-Apr-14 A	25-Sep-14 A		$3,184	$3,184
SHT1265	Maintain traffic control and safety plan ,coordination with local and all parties	112d	100%	0d	02-Apr-14	28-Aug-14	05-Apr-14 A	25-Sep-14 A		$0	$0
SHT1270	Road excavation and backfilling to the required sub grade levels	3d	100%	0d	19-Jun-14	23-Jun-14	06-Apr-14 A	11-Apr-14 A		$3,184	$3,184
Pipe Installation		45d		0d	23-Jun-14	28-Aug-14	12-Jul-14 A	24-Jul-14 A		$126,402	$126,402
150 mm Dist. pipelines		26d		0d	23-Jun-14	06-Aug-14	12-Jul-14 A	14-Jul-14 A		$23,000	$23,000
SHT1275	Trench excavation for 150 mm Dist. pipelines from Sta. 0+000 - 0+200) with length approx. (200 LM)	5d	100%	0d	23-Jun-14	30-Jun-14	12-Jul-14 A	14-Jul-14 A		$3,400	$3,400
SHT1280	Bedding layer & install the above dist.Steel pipelines including required welding inspection	5d	100%	0d	02-Aug-14	06-Aug-14	12-Jul-14 A	14-Jul-14 A		$16,700	$16,700
SHT1282	Backfill the pipe trench with approved materials to the required level including 20 cm base course	5d	100%	0d	02-Aug-14	06-Aug-14	12-Jul-14 A	14-Jul-14 A		$2,900	$2,900
Double 150 & 100 mm Dist. pipelines		10d		0d	07-Aug-14	18-Aug-14	14-Jul-14 A	19-Jul-14 A		$63,533	$63,533
SHT1285	Trench excavation for Double 150 & 100 mm Dist. pipelines from Sta. 0+200 - 0+595 with length approx. (395 LM)	9d	100%	0d	07-Aug-14	17-Aug-14	14-Jul-14 A	19-Jul-14 A		$10,060	$10,060



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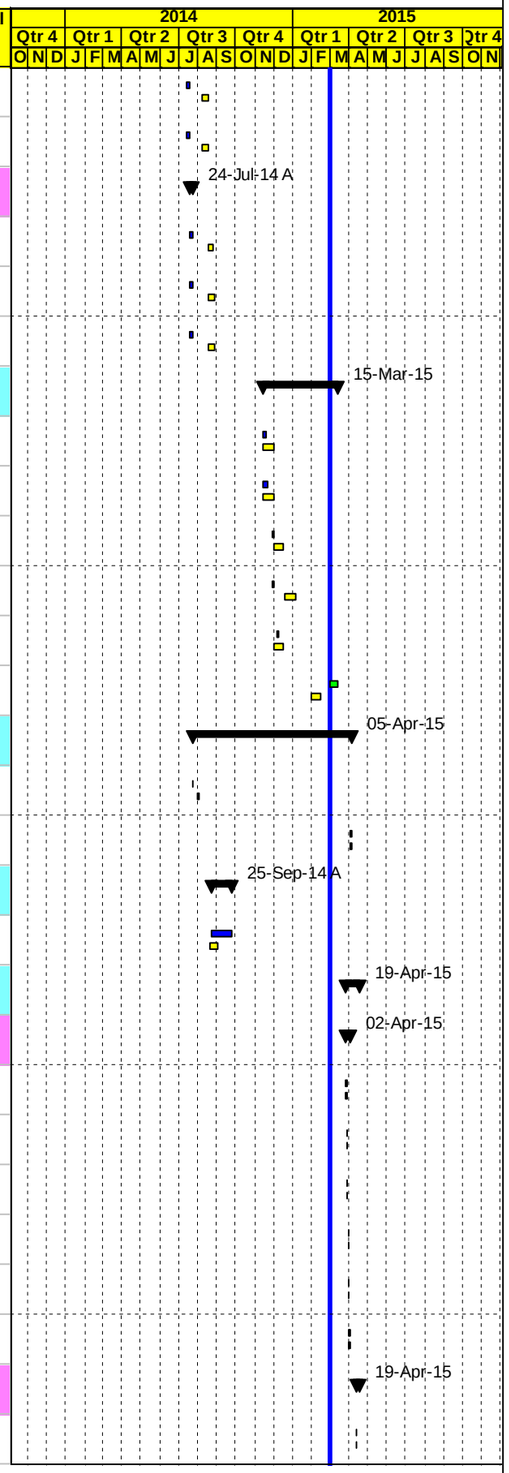
SHT1287	Bedding layer & install the above dist.Steel pipelines including required welding inspection	9d	100%	0d	09-Aug-14	18-Aug-14	14-Jul-14 A	19-Jul-14 A		$45,069	$45,069
SHT1289	Backfill the pipe trench with approved materials to the required level including 20 cm base course	9d	100%	0d	09-Aug-14	18-Aug-14	14-Jul-14 A	19-Jul-14 A		$8,404	$8,404
100 mm Dist. pipeline		10d		0d	18-Aug-14	28-Aug-14	19-Jul-14 A	24-Jul-14 A		$39,869	$39,869
SHT1290	Trench excavation for 100 mm Dist. pipeline from sta. 0+595 to 1+086 with length approx. (491 LM)	8d	100%	0d	18-Aug-14	26-Aug-14	19-Jul-14 A	24-Jul-14 A		$7,365	$7,365
SHT1293	Bedding layer & install the above dist.Steel pipelines including required welding inspection	9d	100%	0d	19-Aug-14	28-Aug-14	19-Jul-14 A	24-Jul-14 A		$26,612	$26,612
SHT1298	Backfill the pipe trench with approved materials to the required level including 20 cm base course	9d	100%	0d	19-Aug-14	28-Aug-14	19-Jul-14 A	24-Jul-14 A		$5,892	$5,892
Civil Chamber work		92d		12d	13-Nov-14	15-Feb-15	14-Nov-14 A	15-Mar-15	28d	$17,520	$14,520
SHT1295	Construct - Wash out chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.0+537	13d	100%	0d	13-Nov-14	02-Dec-14	14-Nov-14 A	19-Nov-14 A		$2,800	$2,800
SHT1295-new	Construct - Wash out chamber (DN 50mm, pipeline Dia 100mm, PN16) @ Sta. 0+540	13d	100%	0d	13-Nov-14	02-Dec-14	14-Nov-14 A	23-Nov-14 A		$2,360	$2,360
SHT1305	Construct - Gate Valve chamber (DN 100mm, pipeline Dia 100mm, PN16) @ Sta.0+710,	13d	100%	0d	01-Dec-14	16-Dec-14	30-Nov-14 A	03-Dec-14 A		$3,000	$3,000
SHT1309-new	Construct - Connection chamber to existing (DN 150mm, pipeline Dia150mm, PN16) @ Sta.0+584	14d	100%	0d	20-Dec-14	05-Jan-15	30-Nov-14 A	03-Dec-14 A		$3,360	$3,360
SHT1307-new	Construct - Connection chamber to existing (DN 100mm, pipeline Dia100mm, PN16) @ Sta.0+204	13d	100%	0d	02-Dec-14	17-Dec-14	08-Dec-14 A	09-Dec-14 A		$3,000	$3,000
SHT1311-new	Construct - Connection chamber to existing (DN 100mm, pipeline Dia 100mm, PN16)@ Sta.1+214	12d	0%	12d	01-Feb-15	15-Feb-15	01-Mar-15	15-Mar-15	28d	$3,000	$0
Testing		247d		2d	02-Aug-14	05-Apr-15	24-Jul-14 A	05-Apr-15	15d	$0	$0
SHT1307	Radiographic Testing (RT)	1d	100%	0d	02-Aug-14	02-Aug-14	24-Jul-14 A	24-Jul-14 A		$0	$0
SHT1310	Pressure Testing	2d	0%	2d	04-Apr-15	05-Apr-15	04-Apr-15	05-Apr-15	12d	$0	$0
Base course and Asphalt		12d		0d	20-Aug-14	02-Sep-14	23-Aug-14 A	25-Sep-14 A		$16,717	$16,717
SHT1324	Basecourse 20 cm layer	12d	100%	0d	20-Aug-14	02-Sep-14	23-Aug-14 A	25-Sep-14 A		$16,717	$16,717
Mechanical Chambers work		19d		19d	28-Mar-15	19-Apr-15	28-Mar-15	19-Apr-15	17d	$17,520	$0
Welding flanges		6d		6d	28-Mar-15	02-Apr-15	28-Mar-15	02-Apr-15	5d	$0	$0
SHT-1120-MECH	Welding flanges for Connection chamber to existing (DN 100mm, pipeline Dia100mm, PN16) @ Sta.0+204	1d	0%	1d	28-Mar-15	28-Mar-15	28-Mar-15	28-Mar-15	5d	$0	$0
SHT-1130-MECH	Welding flanges for Wash out chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.0+537	1d	0%	1d	29-Mar-15	29-Mar-15	29-Mar-15	29-Mar-15	5d	$0	$0
SHT-1140-MECH	Welding flanges for Wash out chamber (DN 50mm, pipeline Dia 100mm, PN16) @ Sta. 0+540	1d	0%	1d	30-Mar-15	30-Mar-15	30-Mar-15	30-Mar-15	5d	$0	$0
SHT-1150-MECH	Welding flanges for Connection chamber to existing (DN 150mm, pipeline Dia150mm, PN16) @ Sta.0+584	1d	0%	1d	31-Mar-15	31-Mar-15	31-Mar-15	31-Mar-15	5d	$0	$0
SHT-1160-MECH	Welding flanges for Gate Valve chamber (DN 100mm, pipeline Dia 100mm, PN16) @ Sta.0+710,	1d	0%	1d	01-Apr-15	01-Apr-15	01-Apr-15	01-Apr-15	5d	$0	$0
SHT-1170-MECH	Welding flanges for Connection chamber to existing (DN 100mm, pipeline Dia 100mm, PN16)@ Sta.1+214	1d	0%	1d	02-Apr-15	02-Apr-15	02-Apr-15	02-Apr-15	5d	$0	$0
Mechanical fittings installation		6d		6d	13-Apr-15	19-Apr-15	13-Apr-15	19-Apr-15	17d	$17,520	$0
SHT-1180-MECH	Fittings installation for Connection chamber to existing (DN 100mm, pipeline Dia100mm, PN16) @ Sta.0+204	1d	0%	1d	13-Apr-15	13-Apr-15	13-Apr-15	13-Apr-15	17d	$3,000	$0



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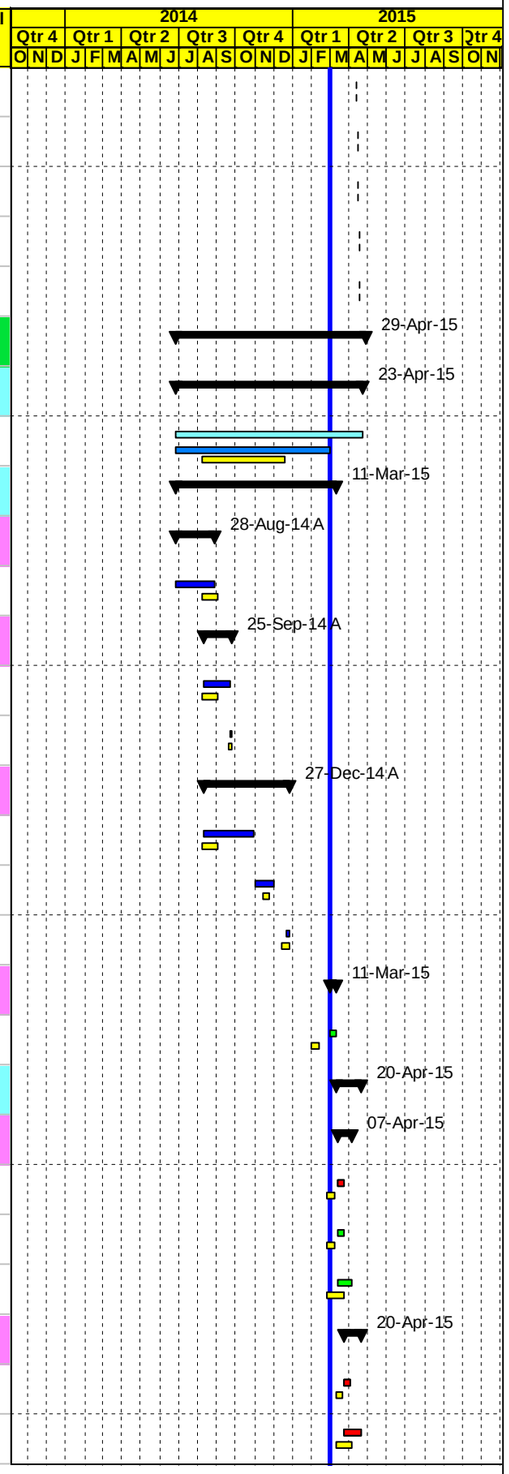
TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	BL2 Start	BL2 Finish	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost
SHT-1190-MECH	Fittings installation for Wash out chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.0+537	1d	0%	1d	14-Apr-15	14-Apr-15	14-Apr-15	14-Apr-15	17d	$2,800	$0
SHT-1200-MECH	Fittings installation for Wash out chamber (DN 50mm, pipeline Dia 100mm, PN16) @ Sta. 0+540	1d	0%	1d	15-Apr-15	15-Apr-15	15-Apr-15	15-Apr-15	17d	$2,360	$0
SHT-1210-MECH	Fittings installation for Connection chamber to existing (DN 150mm, pipeline Dia150mm, PN16) @ Sta.0+584	1d	0%	1d	16-Apr-15	16-Apr-15	16-Apr-15	16-Apr-15	17d	$3,360	$0
SHT-1220-MECH	Fittings installation for Gate Valve chamber (DN 100mm, pipeline Dia 100mm, PN16) @ Sta.0+710,	1d	0%	1d	18-Apr-15	18-Apr-15	18-Apr-15	18-Apr-15	17d	$3,000	$0
SHT-1230-MECH	Fittings installation for Connection chamber to existing (DN 100mm, pipeline Dia 100mm, PN16)@ Sta.1+214	1d	0%	1d	19-Apr-15	19-Apr-15	19-Apr-15	19-Apr-15	17d	$3,000	$0
Halhul Water Distribution Network All Segments		264d		60d	09-Aug-14	29-Apr-15	26-Jun-14 A	29-Apr-15	29d	$778,027	$625,824
Safety, saw cut asphalt and milling		104d		45d	09-Aug-14	18-Dec-14	26-Jun-14 A	23-Apr-15	1d	$0	$0
SHT1320	Maintain traffic control and safety plan ,coordination with local and all parties	104d	90%	45d	09-Aug-14	18-Dec-14	26-Jun-14 A	23-Apr-15	1d	$0	$0
Pipe Installation		166d		9d	09-Aug-14	11-Feb-15	28-Jun-14 A	11-Mar-15	2d	$590,427	$549,071
Zaboud-Halhul		22d		0d	09-Aug-14	02-Sep-14	28-Jun-14 A	28-Aug-14 A		$141,935	$141,935
SHT1330	Trench excavation ,Bedding ,install and backfill for 200 mm Dist.Zaboud Water Pipeline from Sta.0+000 to Sta.1+134	22d	100%	0d	09-Aug-14	02-Sep-14	28-Jun-14 A	28-Aug-14 A		$141,935	$141,935
Shahera-Halhul		41d		0d	09-Aug-14	24-Sep-14	10-Aug-14 A	25-Sep-14 A		$142,027	$142,027
SHT3852-new	Trench excavation ,Bedding ,install and backfill for Shahera Pipeline 200 mm from St.0+000 -1+120	22d	100%	0d	09-Aug-14	02-Sep-14	10-Aug-14 A	22-Sep-14 A		$124,650	$124,650
SHT1340-new	Trench excavation ,Bedding ,install and backfill for Shahera Pipeline 100 mm 1+120 -1+334	4d	100%	0d	21-Sep-14	24-Sep-14	22-Sep-14 A	25-Sep-14 A		$17,377	$17,377
Nabi Yunis-Halhul		111d		0d	09-Aug-14	27-Dec-14	10-Aug-14 A	27-Dec-14 A		$265,110	$265,110
SHT3854-new	Trench excavation ,Bedding ,install and backfill for Al Nabi Younes 200 mm from St.0+000 -0+800	22d	100%	0d	09-Aug-14	02-Sep-14	10-Aug-14 A	30-Oct-14 A		$92,093	$92,093
SHT1335	Trench excavation ,Bedding ,install and backfill for Al Nabi Younes 150 mm 0+800 -1+750	8d	100%	0d	13-Nov-14	23-Nov-14	02-Nov-14 A	02-Dec-14 A		$85,320	$85,320
SHT1340	Trench excavation ,Bedding ,install and backfill Pipeline for Rmoaz 100 mm 0+800 -1+600	10d	100%	0d	15-Dec-14	27-Dec-14	23-Dec-14 A	27-Dec-14 A		$87,697	$87,697
Hawawer-Halhul		9d		9d	01-Feb-15	11-Feb-15	01-Mar-15	11-Mar-15	2d	$41,356	$0
SHT1345	Trench excavation ,Bedding ,install and backfill for 75 mm Dist.Hawawer-Halhul pipeline with length approx. (535 LM) ,	9d	0%	9d	01-Feb-15	11-Feb-15	01-Mar-15	11-Mar-15	2d	$41,356	$0
Civil Chamber work		33d		33d	26-Feb-15	05-Apr-15	12-Mar-15	20-Apr-15	1d	$8,680	$0
Zaboud-Halhul		21d		21d	26-Feb-15	23-Mar-15	14-Mar-15	07-Apr-15	11d	$5,880	$0
SHT1350	Construct Gate Valves (DN 150mm, pipeline Dia 200mm, PN16) @ St. 0+180	8d	0%	8d	26-Feb-15	08-Mar-15	14-Mar-15	23-Mar-15	1d	$3,360	$0
SHT1360	Construct Air Valves (DN 75mm, pipeline Dia 200mm, PN16) @ St. 0+208	8d	0%	8d	26-Feb-15	08-Mar-15	14-Mar-15	23-Mar-15	11d	$2,520	$0
SHT1390-new	Construct - Connection chamber to existing (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.1+133	21d	0%	21d	26-Feb-15	23-Mar-15	14-Mar-15	07-Apr-15	11d	$0	$0
Shahera-Halhul		21d		21d	11-Mar-15	05-Apr-15	25-Mar-15	20-Apr-15	1d	$2,800	$0
SHT1355-new	Construct Washout Valves (DN 75mm, pipeline Dia200mm, PN16) @ St. 0+557	8d	0%	8d	11-Mar-15	21-Mar-15	25-Mar-15	04-Apr-15	1d	$2,800	$0
SHT1357-new	Construct - Connection chamber to existing (DN 200&100mm, pipeline Dia 200&100mm, PN16)@ Sta.1+115	21d	0%	21d	11-Mar-15	05-Apr-15	25-Mar-15	20-Apr-15	1d	$0	$0



Project Baseline Bar | Baseline Milestone | Actual Level of Effort | Level of Effort
Level of effort Baseline | Actual Work | Early Bar | Summary
Milestone Early Bar | Milestone Actual | Critical Bar

Date	Revision	Checked	Approved
04-Mar-15			

APCO/ArCon CONSTRUCTION AND SERVICES

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February 28, 2015

TO.16
Deir Sha'aar Main Pipeline Project

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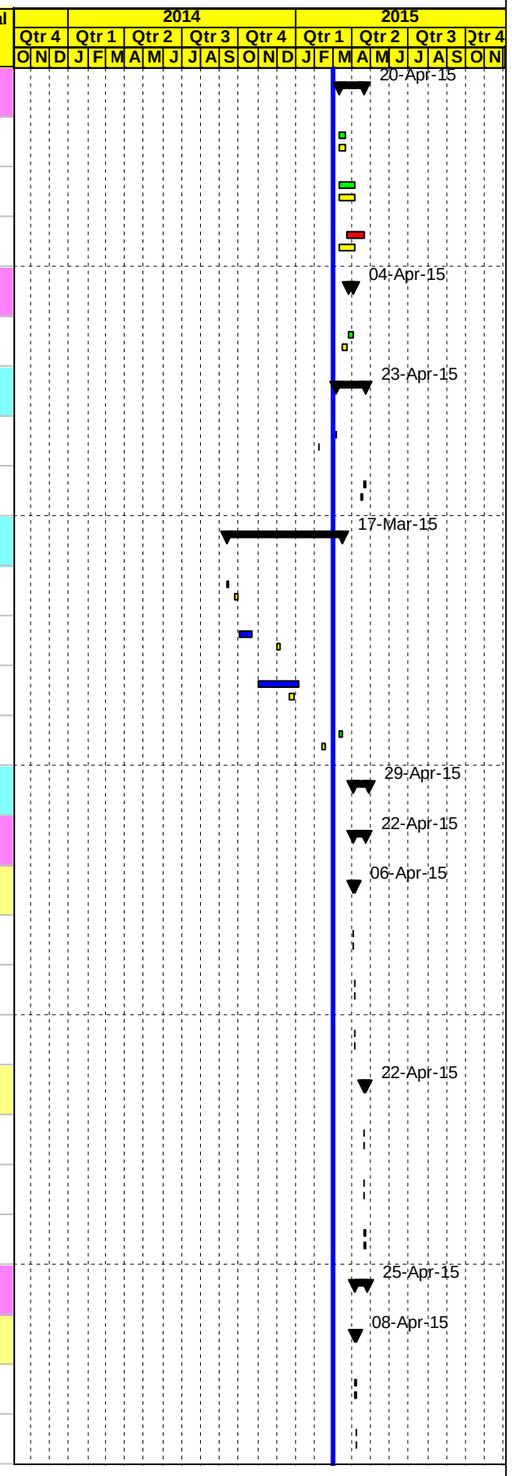
Nabi Yunis-Halhul		33d		33d	11-Mar-15	05-Apr-15	12-Mar-15	20-Apr-15	1d	$0	$0
SHT1359-new	Construct - Connection chamber to existing (DN 100mm, pipeline Dia 100mm, PN16) @ Sta.0+824	8d	0%	8d	11-Mar-15	21-Mar-15	12-Mar-15	21-Mar-15	12d	$0	$0
SHT1367-new	Construct - Connection chamber to existing and Wash out (DN 150&75mm, pipeline Dia 150mm, PN16) @ Sta.0+718	21d	0%	21d	11-Mar-15	05-Apr-15	12-Mar-15	05-Apr-15	12d	$0	$0
SHT1369-new	Construct -Combined 3"ARV, 8"GV,6"GV,4"GV and connection to existing(DN100,200,150,100&200) @ St. 0+650	21d	0%	21d	11-Mar-15	05-Apr-15	25-Mar-15	20-Apr-15	1d	$0	$0
Hawawer-Halhul		8d		8d	16-Mar-15	25-Mar-15	26-Mar-15	04-Apr-15	13d	$0	$0
SHT1370-new	Construct - Connection chamber to existing (DN 75mm, pipeline Dia 75mm, PN16)@ Sta.0+506	8d	0%	8d	16-Mar-15	25-Mar-15	26-Mar-15	04-Apr-15	13d	$0	$0
Testing		48d		48d	07-Feb-15	18-Apr-15	07-Mar-15	23-Apr-15	1d	$0	$0
SHT1365	Radiographic Testing (RT)	1d	0%	1d	07-Feb-15	07-Feb-15	07-Mar-15	07-Mar-15	1d	$0	$0
SHT1370	Pressure Testing	3d	0%	3d	15-Apr-15	18-Apr-15	20-Apr-15	23-Apr-15	1d	$0	$0
Asphalt		130d		5d	25-Sep-14	17-Feb-15	13-Sep-14 A	17-Mar-15	61d	$116,000	$76,753
SHT1485-new	Asphalt Reinstatement Zaboud	5d	100%	0d	25-Sep-14	30-Sep-14	13-Sep-14 A	16-Sep-14 A		$26,867	$26,867
SHT1375	Asphalt Reinstatement Shahera-	5d	100%	0d	01-Dec-14	06-Dec-14	02-Oct-14 A	22-Oct-14 A		$23,341	$23,341
SHT1380	Asphalt Reinstatement Nabi Yunis-Halhul	5d	100%	0d	22-Dec-14	29-Dec-14	03-Nov-14 A	05-Jan-15 A		$26,545	$26,545
SHT1410-new	Asphalt Reinstatement Hawawer-Halhul	5d	0%	5d	12-Feb-15	17-Feb-15	12-Mar-15	17-Mar-15	61d	$39,247	$0
Mechanical Chambers work		22d		22d	04-Apr-15	29-Apr-15	04-Apr-15	29-Apr-15	17d	$62,920	$0
Zaboud-Halhul		16d		16d	04-Apr-15	22-Apr-15	04-Apr-15	22-Apr-15	17d	$12,680	$0
Welding flanges		3d		3d	04-Apr-15	06-Apr-15	04-Apr-15	06-Apr-15	5d	$0	$0
SHT-1240-MECH	Welding flanges for Gate Valves (DN 150mm, pipeline Dia 200mm, PN16) @ St. 0+180	1d	0%	1d	04-Apr-15	04-Apr-15	04-Apr-15	04-Apr-15	5d	$0	$0
SHT-1250-MECH	Welding flanges for Air Valves (DN 75mm, pipeline Dia 200mm, PN16) @ St. 0+208	1d	0%	1d	05-Apr-15	05-Apr-15	05-Apr-15	05-Apr-15	5d	$0	$0
SHT-1260-MECH	Welding flanges for Connection chamber to existing (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.1+133	1d	0%	1d	06-Apr-15	06-Apr-15	06-Apr-15	06-Apr-15	5d	$0	$0
Mechanical fittings installation		3d		3d	20-Apr-15	22-Apr-15	20-Apr-15	22-Apr-15	17d	$12,680	$0
SHT-1270-MECH	Fittings installation for Gate Valves (DN 150mm, pipeline Dia 200mm, PN16) @ St. 0+180	1d	0%	1d	20-Apr-15	20-Apr-15	20-Apr-15	20-Apr-15	17d	$3,360	$0
SHT-1280-MECH	Fittings installation for Air Valves (DN 75mm, pipeline Dia 200mm, PN16) @ St. 0+208	1d	0%	1d	21-Apr-15	21-Apr-15	21-Apr-15	21-Apr-15	17d	$2,520	$0
SHT-1290-MECH	Fittings installation for Connection chamber to existing (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.1+133	1d	0%	1d	22-Apr-15	22-Apr-15	22-Apr-15	22-Apr-15	17d	$6,800	$0
Shahera-Halhul		15d		15d	07-Apr-15	25-Apr-15	07-Apr-15	25-Apr-15	17d	$13,520	$0
Welding flanges		2d		2d	07-Apr-15	08-Apr-15	07-Apr-15	08-Apr-15	5d	$0	$0
SHT-1300-MECH	Welding flanges for Washout Valves (DN 75mm, pipeline Dia200mm, PN16) @ St. 0+557	1d	0%	1d	07-Apr-15	07-Apr-15	07-Apr-15	07-Apr-15	5d	$0	$0
SHT-1310-MECH	Welding flanges for Connection chamber to existing (DN 200&100mm, pipeline Dia 200&100mm, PN16)@ Sta.1+115	1d	0%	1d	08-Apr-15	08-Apr-15	08-Apr-15	08-Apr-15	5d	$0	$0



Project Baseline Bar
Level of effort Baseline
Milestone Early Bar
Baseline Milestone
Actual Work
Milestone Actual
Actual Level of Effort
Early Bar
Critical Bar
Level of Effort
Summary

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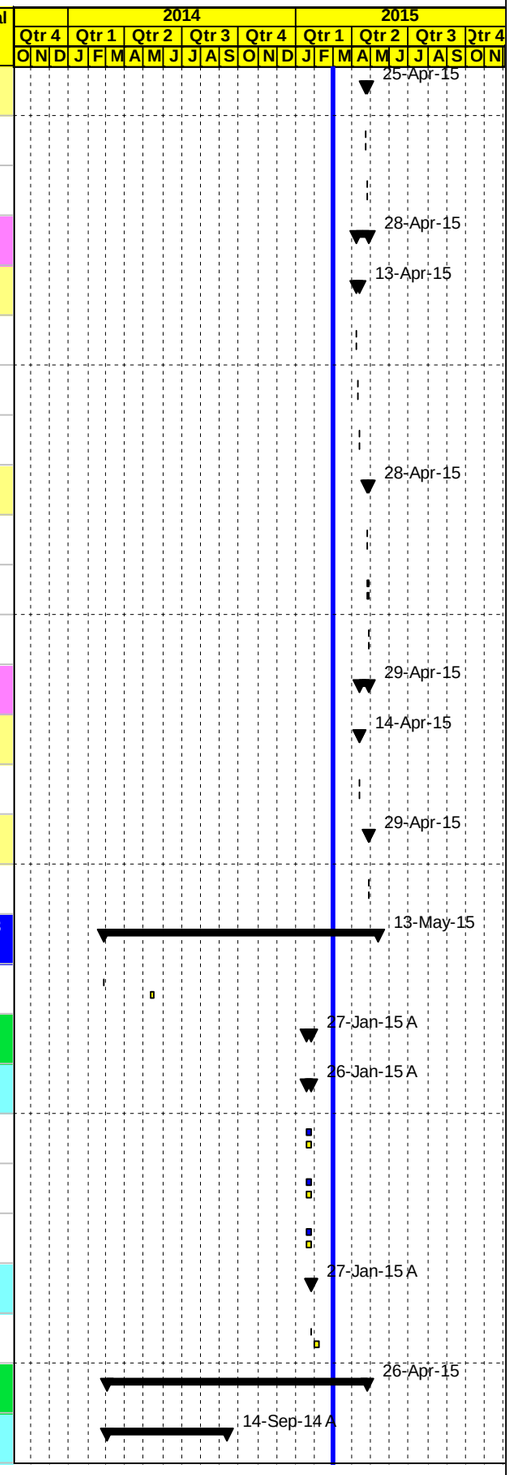
Mechanical fittings installation		2d		2d	23-Apr-15	25-Apr-15	23-Apr-15	25-Apr-15	17d	$13,520	$0
SHT-1320-MECH	Fittings installation for Washout Valves (DN 75mm, pipeline Dia200mm, PN16) @ St. 0+557	1d	0%	1d	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	17d	$2,800	$0
SHT-1330-MECH	Fittings installation for Connection chamber to existing (DN 200&100mm, pipeline Dia 200&100mm, PN16)@ Sta.1+115	1d	0%	1d	25-Apr-15	25-Apr-15	25-Apr-15	25-Apr-15	17d	$10,720	$0
Nabi Yunis-Halhul		16d		16d	09-Apr-15	28-Apr-15	09-Apr-15	28-Apr-15	17d	$29,920	$0
Welding flanges		3d		3d	09-Apr-15	13-Apr-15	09-Apr-15	13-Apr-15	5d	$0	$0
SHT-1340-MECH	Welding flanges for Combined 3"ARV, 8"GV,6"GV,4"GV and connection to existing(DN100,200,150,100&200) @ St. 0+650	1d	0%	1d	09-Apr-15	09-Apr-15	09-Apr-15	09-Apr-15	5d	$0	$0
SHT-1350-MECH	Welding flanges for Connection chamber to existing and Wash out (DN 150&75mm, pipeline Dia 150mm, PN16) @ Sta.0+718	1d	0%	1d	11-Apr-15	11-Apr-15	11-Apr-15	11-Apr-15	5d	$0	$0
SHT-1360-MECH	Welding flanges for Connection chamber to existing (DN 100mm, pipeline Dia 100mm, PN16) @ Sta.0+824	1d	0%	1d	13-Apr-15	13-Apr-15	13-Apr-15	13-Apr-15	5d	$0	$0
Mechanical fittings installation		3d		3d	26-Apr-15	28-Apr-15	26-Apr-15	28-Apr-15	17d	$29,920	$0
SHT-1370-MECH	Fittings installation for Combined 3"ARV, 8"GV,6"GV,4"GV and connection to existing(DN100,200,150,100&200) @ St. 0+650	1d	0%	1d	26-Apr-15	26-Apr-15	26-Apr-15	26-Apr-15	17d	$12,400	$0
SHT-1380-MECH	Fittings installation for Conn .existing & Wash out (DN 150&75mm, pipeline Dia 150mm, PN16) @ Sta.0+718	1d	0%	1d	27-Apr-15	27-Apr-15	27-Apr-15	27-Apr-15	17d	$10,720	$0
SHT-1390-MECH	Fittings installation for Connection chamber to existing (DN 100mm, pipeline Dia 100mm, PN16) @ Sta.0+824	1d	0%	1d	28-Apr-15	28-Apr-15	28-Apr-15	28-Apr-15	17d	$6,800	$0
Hawawer-Halhul		14d		14d	14-Apr-15	29-Apr-15	14-Apr-15	29-Apr-15	17d	$6,800	$0
Welding flanges		1d		1d	14-Apr-15	14-Apr-15	14-Apr-15	14-Apr-15	5d	$0	$0
SHT-1400-MECH	Welding flanges for Connection chamber to existing (DN 75mm, pipeline Dia 75mm, PN16)@ Sta.0+506	1d	0%	1d	14-Apr-15	14-Apr-15	14-Apr-15	14-Apr-15	5d	$0	$0
Mechanical fittings installation		1d		1d	29-Apr-15	29-Apr-15	29-Apr-15	29-Apr-15	17d	$6,800	$0
SHT-1410-MECH	Fittings installation for Connection chamber to existing (DN 75mm, pipeline Dia 75mm, PN16)@ Sta.0+506	1d	0%	1d	29-Apr-15	29-Apr-15	29-Apr-15	29-Apr-15	17d	$6,800	$0
Phase #2 Main pipelines, Network & Road Works St. 0+000 to 6+220		421d		74d	18-Mar-14	07-May-15	26-Feb-14 A	13-May-15	6d	$4,620,012	$3,647,453
SHT1097	Start Implement traffic control Phase Three	5d	100%	0d	13-May-14	18-May-14	26-Feb-14 A	27-Feb-14 A		$0	$0
Main pipelines St.0+000 to 0+143 (Reconstruction Agricultural Road)		16d		0d	19-Jan-15	07-Feb-15	19-Jan-15 A	27-Jan-15 A		$72,937	$72,937
Pipe Installation		7d		0d	19-Jan-15	26-Jan-15	19-Jan-15 A	26-Jan-15 A		$70,857	$70,857
SHT3880	Trench excavation for 760 mm main Pipeline with length approx. (143 LM)	7d	100%	0d	19-Jan-15	26-Jan-15	19-Jan-15 A	26-Jan-15 A		$4,004	$4,004
SHT3890	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	7d	100%	0d	19-Jan-15	26-Jan-15	19-Jan-15 A	26-Jan-15 A		$62,420	$62,420
SHT3900	Backfill the pipe trench with approved materials to the required level	7d	100%	0d	19-Jan-15	26-Jan-15	19-Jan-15 A	26-Jan-15 A		$4,433	$4,433
Topping		5d		0d	01-Feb-15	07-Feb-15	26-Jan-15 A	27-Jan-15 A		$2,080	$2,080
SHT3901	Final Finish Sub grade & Topping	5d	100%	0d	01-Feb-15	07-Feb-15	26-Jan-15 A	27-Jan-15 A		$2,080	$2,080
Main pipelines From Sta.0+143 to Sta.0+630 (Reconstruction Agricultural Road)		404d		31d	18-Mar-14	20-Apr-15	02-Mar-14 A	26-Apr-15	1d	$306,765	$277,965
Safety and Excavation Works		131d		0d	18-Mar-14	06-Sep-14	02-Mar-14 A	14-Sep-14 A		$1,584	$1,584



Project Baseline Bar | Baseline Milestone | Actual Level of Effort | Level of Effort
Level of effort Baseline | Actual Work | Early Bar | Summary
Milestone Early Bar | Milestone Actual | Critical Bar

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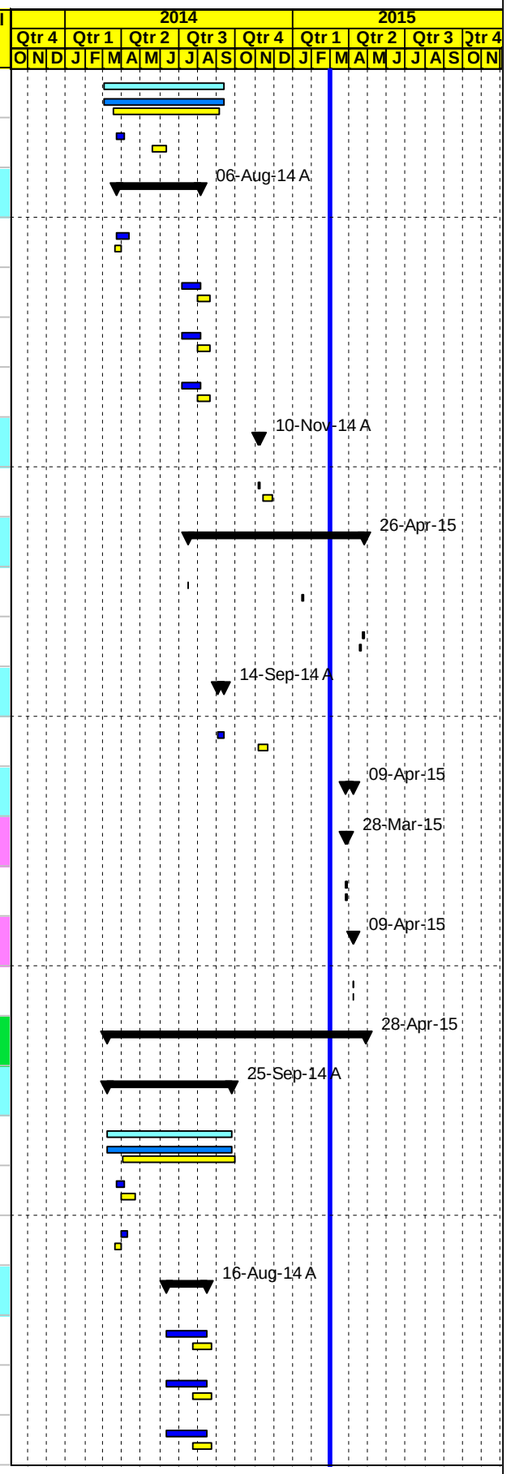
SHT1506	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	131d	100%	0d	18-Mar-14	06-Sep-14	02-Mar-14 A	14-Sep-14 A		$0	$0
SHT1507	Road excavation and backfilling to the required sub grade levels	20d	100%	0d	19-May-14	11-Jun-14	25-Mar-14 A	05-Apr-14 A		$1,584	$1,584
Pipe Installation		118d		0d	20-Mar-14	21-Aug-14	25-Mar-14 A	06-Aug-14 A		$241,309	$241,309
SHT1507-new	Rock breaking (Digging)	10d	100%	0d	20-Mar-14	31-Mar-14	25-Mar-14 A	12-Apr-14 A		$0	$0
SHT1508	Trench excavation for 760 mm main pipeline from 0+143 to sta.0+630 with length approx. (487 LM)	18d	100%	0d	02-Aug-14	21-Aug-14	07-Jul-14 A	06-Aug-14 A		$13,636	$13,636
SHT1520	Backfill the pipe trench with approved materials to the required level	18d	100%	0d	02-Aug-14	21-Aug-14	07-Jul-14 A	06-Aug-14 A		$15,097	$15,097
SHT1510	Bedding layer & install the above main Steel pipeline with required welding inspection and sectional testing (UT)	18d	100%	0d	02-Aug-14	21-Aug-14	07-Jul-14 A	06-Aug-14 A		$212,576	$212,576
Civil Chamber work		11d		0d	13-Nov-14	30-Nov-14	07-Nov-14 A	10-Nov-14 A		$28,800	$28,800
SHT1550	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.0+620	11d	100%	0d	13-Nov-14	30-Nov-14	07-Nov-14 A	10-Nov-14 A		$28,800	$28,800
Testing		100d		3d	17-Jan-15	20-Apr-15	16-Jul-14 A	26-Apr-15	1d	$0	$0
SHT1553	Radiographic Testing (RT)	1d	100%	0d	17-Jan-15	17-Jan-15	16-Jul-14 A	16-Jul-14 A		$0	$0
SHT1555	Pressure Testing	2d	0%	2d	19-Apr-15	20-Apr-15	23-Apr-15	26-Apr-15	1d	$0	$0
Base course & Stone Wall		14d		0d	06-Nov-14	22-Nov-14	02-Sep-14 A	14-Sep-14 A		$6,272	$6,272
SHT1560	Final Finish Sub grade & Topping st. 0+140 to st. 0+630	14d	100%	0d	06-Nov-14	22-Nov-14	02-Sep-14 A	14-Sep-14 A		$6,272	$6,272
Mechanical Chambers work-1		12d		12d	26-Mar-15	09-Apr-15	26-Mar-15	09-Apr-15	0d	$28,800	$0
Welding flanges		1d		1d	26-Mar-15	28-Mar-15	26-Mar-15	28-Mar-15	0d	$0	$0
SHT-1420-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.0+620	1d	0%	1d	26-Mar-15	28-Mar-15	26-Mar-15	28-Mar-15	0d	$0	$0
Mechanical fittings installation		1d		1d	08-Apr-15	09-Apr-15	08-Apr-15	09-Apr-15	0d	$28,800	$0
SHT-1430-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.0+620	1d	0%	1d	08-Apr-15	09-Apr-15	08-Apr-15	09-Apr-15	0d	$28,800	$0
Main pipelines From Sta.0+630 to Sta.1+400 (Reconstruction Agricultural Road)		405d		59d	20-Mar-14	22-Apr-15	08-Mar-14 A	28-Apr-15	1d	$559,657	$469,657
Safety and Excavation Works		151d		0d	20-Mar-14	30-Sep-14	08-Mar-14 A	25-Sep-14 A		$2,680	$2,680
SHT1570	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	140d	100%	0d	02-Apr-14	30-Sep-14	08-Mar-14 A	25-Sep-14 A		$0	$0
SHT1580	Road excavation and backfilling to the required sub grade levels	21d	100%	0d	30-Mar-14	23-Apr-14	25-Mar-14 A	05-Apr-14 A		$2,680	$2,680
SHT1587-new	Rock breaking (Digging)	10d	100%	0d	20-Mar-14	31-Mar-14	01-Apr-14 A	11-Apr-14 A		$0	$0
Pipe Installation		21d		0d	23-Jul-14	23-Aug-14	12-Jun-14 A	16-Aug-14 A		$381,535	$381,535
SHT1590	Trench excavation for 760 mm main pipeline from 0+630 to sta.1+400 with length approx. (770 LM)	21d	100%	0d	23-Jul-14	23-Aug-14	12-Jun-14 A	16-Aug-14 A		$21,560	$21,560
SHT1600	Bedding layer & install the above main Steel pipeline with required welding inspection and sectional testing (UT)	21d	100%	0d	23-Jul-14	23-Aug-14	12-Jun-14 A	16-Aug-14 A		$336,105	$336,105
SHT1610	Backfill the pipe trench with approved materials to the required level	21d	100%	0d	23-Jul-14	23-Aug-14	12-Jun-14 A	16-Aug-14 A		$23,870	$23,870



Project Baseline Bar | Baseline Milestone | Actual Level of Effort | Level of Effort
Level of effort Baseline | Actual Work | Early Bar | Summary
Milestone Early Bar | Milestone Actual | Critical Bar

Date	Revision	Checked	Approved
04-Mar-15			

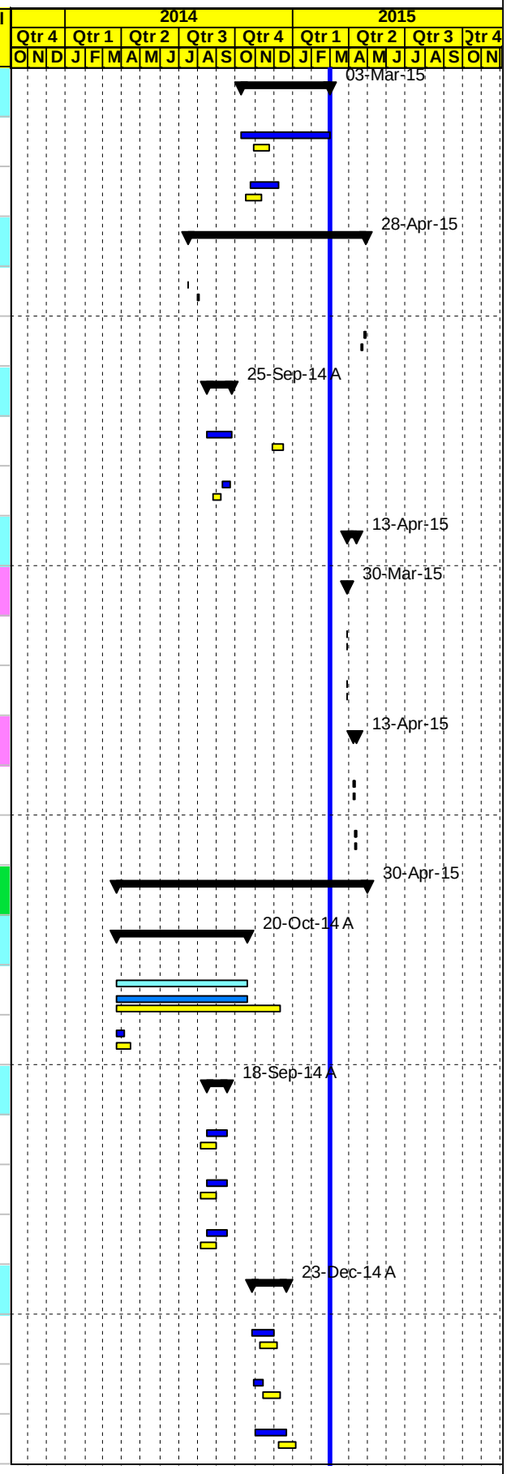
APCO/ArCon CONSTRUCTION AND SERVICES

Updated Construction Program

February 28, 2015

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	BL2 Start	BL2 Finish	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost
Civil Chamber work		31d		2d	18-Oct-14	25-Nov-14	11-Oct-14 A	03-Mar-15	43d	$82,400	$74,800
SHT1540	Construct Main Connection chamber (DN 500mm, pipeline Dia 760mm, PN25)@ Sta.1+280	21d	90%	2d	29-Oct-14	25-Nov-14	11-Oct-14 A	03-Mar-15	43d	$76,000	$68,400
SHT1620	Construct - ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.0+743	21d	100%	0d	18-Oct-14	12-Nov-14	26-Oct-14 A	10-Dec-14 A		$6,400	$6,400
Testing		270d		2d	02-Aug-14	22-Apr-15	16-Jul-14 A	28-Apr-15	1d	$0	$0
SHT1623	Radiographic Testing (RT)	1d	100%	0d	02-Aug-14	02-Aug-14	16-Jul-14 A	16-Jul-14 A		$0	$0
SHT1625	Pressure Testing	2d	0%	2d	21-Apr-15	22-Apr-15	26-Apr-15	28-Apr-15	1d	$0	$0
Topping and Base course		90d		0d	25-Aug-14	17-Dec-14	16-Aug-14 A	25-Sep-14 A		$10,642	$10,642
SHT1630	20 cm base course layer from Sta.1+200 to 1+400	16d	100%	0d	29-Nov-14	17-Dec-14	16-Aug-14 A	25-Sep-14 A		$3,346	$3,346
SHT1920	Topping from Sta.0+630 to 1+200	13d	100%	0d	25-Aug-14	08-Sep-14	10-Sep-14 A	22-Sep-14 A		$7,296	$7,296
Mechanical Chambers work		13d		13d	28-Mar-15	13-Apr-15	28-Mar-15	13-Apr-15	0d	$82,400	$0
Welding flanges		2d		2d	28-Mar-15	30-Mar-15	28-Mar-15	30-Mar-15	1d	$0	$0
SHT-1440-MECH	Welding flanges for ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.0+743	1d	0%	1d	28-Mar-15	29-Mar-15	28-Mar-15	29-Mar-15	1d	$0	$0
SHT-1450-MECH	Welding flanges for Main Connection chamber (DN 500mm, pipeline Dia 760mm, PN25)@ Sta.1+280	1d	0%	1d	29-Mar-15	30-Mar-15	29-Mar-15	30-Mar-15	1d	$0	$0
Mechanical fittings installation		2d		2d	09-Apr-15	13-Apr-15	09-Apr-15	13-Apr-15	0d	$82,400	$0
SHT-1460-MECH	Fittings installation for ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.0+743	1d	0%	1d	09-Apr-15	11-Apr-15	09-Apr-15	11-Apr-15	0d	$6,400	$0
SHT-1470-MECH	Fittings installation for Main Connection chamber (DN 500mm, pipeline Dia 760mm, PN25)@ Sta.1+280	1d	0%	1d	11-Apr-15	13-Apr-15	11-Apr-15	13-Apr-15	0d	$76,000	$0
Main pipelines From Sta.1+400 to Sta.2+200 (Reconstruction Agricultural Road)		403d		31d	23-Mar-14	25-Apr-15	24-Mar-14 A	30-Apr-15	1d	$536,674	$475,074
Safety , Excavation Works and Pipe Culvert		202d		0d	23-Mar-14	11-Dec-14	24-Mar-14 A	20-Oct-14 A		$3,256	$3,256
SHT1640	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	201d	100%	0d	24-Mar-14	11-Dec-14	24-Mar-14 A	20-Oct-14 A		$0	$0
SHT1650	Road excavation and backfilling to the required sub grade levels	20d	100%	0d	23-Mar-14	15-Apr-14	25-Mar-14 A	05-Apr-14 A		$3,256	$3,256
Pipe Installation		21d		0d	07-Aug-14	01-Sep-14	17-Aug-14 A	18-Sep-14 A		$396,400	$396,400
SHT1670	Trench excavation for 760 mm main pipeline from 1+400 to sta.2+200 with length approx. (800 LM)	21d	100%	0d	07-Aug-14	01-Sep-14	17-Aug-14 A	18-Sep-14 A		$22,400	$22,400
SHT1680	Bedding layer & install the above main Steel pipeline with required welding inspection and sectional testing (UT)	21d	100%	0d	07-Aug-14	01-Sep-14	17-Aug-14 A	18-Sep-14 A		$349,200	$349,200
SHT1690	Backfill the pipe trench with approved materials to the required level	21d	100%	0d	07-Aug-14	01-Sep-14	17-Aug-14 A	18-Sep-14 A		$24,800	$24,800
Civil Chamber work		46d		0d	08-Nov-14	06-Jan-15	27-Oct-14 A	23-Dec-14 A		$61,600	$61,600
SHT1710	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 1+942	21d	100%	0d	08-Nov-14	06-Dec-14	27-Oct-14 A	01-Dec-14 A		$6,400	$6,400
SHT1700	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.1+530	21d	100%	0d	13-Nov-14	11-Dec-14	30-Oct-14 A	15-Nov-14 A		$28,800	$28,800
SHT1720	Construct -Al Arrub Connection chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.2+070 LHS	22d	100%	0d	10-Dec-14	06-Jan-15	02-Nov-14 A	23-Dec-14 A		$26,400	$26,400



Project Baseline Bar | Baseline Milestone | Actual Level of Effort | Level of Effort
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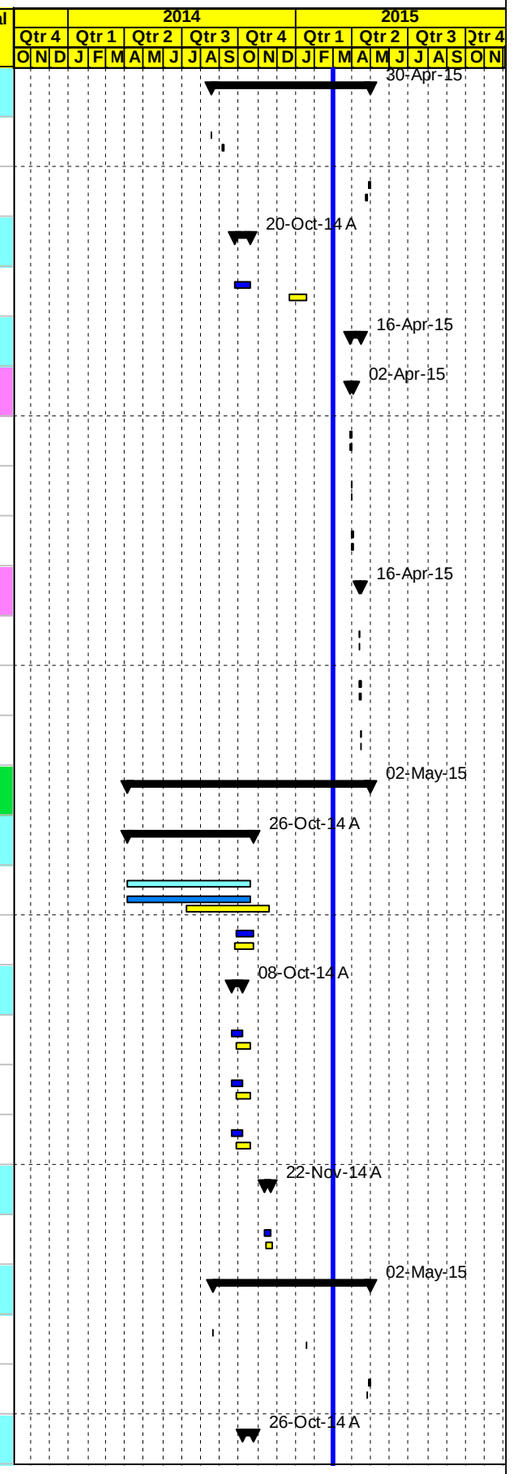
February 28, 2015

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	BL2 Start	BL2 Finish	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost
Testing		237d		2d	06-Sep-14	25-Apr-15	18-Aug-14 A	30-Apr-15	1d	$0	$0
SHT1724	Radiographic Testing (RT) Workshop	1d	100%	0d	06-Sep-14	06-Sep-14	18-Aug-14 A	18-Aug-14 A		$0	$0
SHT1725	Pressure Testing	2d	0%	2d	23-Apr-15	25-Apr-15	28-Apr-15	30-Apr-15	1d	$0	$0
Base course & Stone Wall		16d		0d	21-Dec-14	17-Jan-15	25-Sep-14 A	20-Oct-14 A		$13,818	$13,818
SHT1730	Final Finish Sub grade & 20 cm base course layer from 1+400 to 2+200	16d	100%	0d	21-Dec-14	17-Jan-15	25-Sep-14 A	20-Oct-14 A		$13,818	$13,818
Mechanical Chambers work		14d		14d	30-Mar-15	16-Apr-15	30-Mar-15	16-Apr-15	0d	$61,600	$0
Welding flanges		3d		3d	30-Mar-15	02-Apr-15	30-Mar-15	02-Apr-15	1d	$0	$0
SHT-1480-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.1+530	1d	0%	1d	30-Mar-15	31-Mar-15	30-Mar-15	31-Mar-15	1d	$0	$0
SHT-1490-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 1+942	1d	0%	1d	31-Mar-15	01-Apr-15	31-Mar-15	01-Apr-15	1d	$0	$0
SHT-1500-MECH	Welding flanges for Al Arrub Connection chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.2+070 LHS	1d	0%	1d	01-Apr-15	02-Apr-15	01-Apr-15	02-Apr-15	1d	$0	$0
Mechanical fittings installation		3d		3d	13-Apr-15	16-Apr-15	13-Apr-15	16-Apr-15	0d	$61,600	$0
SHT-1510-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.1+530	1d	0%	1d	13-Apr-15	14-Apr-15	13-Apr-15	14-Apr-15	0d	$28,800	$0
SHT-1520-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 1+942	1d	0%	1d	14-Apr-15	15-Apr-15	14-Apr-15	15-Apr-15	0d	$6,400	$0
SHT-1530-MECH	Fittings installation for Al Arrub Connection chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.2+070 LHS	1d	0%	1d	15-Apr-15	16-Apr-15	15-Apr-15	16-Apr-15	0d	$26,400	$0
Main pipelines From Sta.2+200 to Sta.2+780		298d		30d	08-Jul-14	26-Apr-15	05-Apr-14 A	02-May-15	1d	$354,015	$325,215
Safety , Excavation Works and Pipe Culvert		101d		0d	08-Jul-14	20-Nov-14	05-Apr-14 A	26-Oct-14 A		$800	$800
SHT1740	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	101d	100%	0d	08-Jul-14	20-Nov-14	05-Apr-14 A	20-Oct-14 A		$0	$0
SHT1750	Road excavation and backfilling to the required sub grade levels	21d	100%	0d	25-Sep-14	25-Oct-14	28-Sep-14 A	26-Oct-14 A		$800	$800
Pipe Installation		16d		0d	28-Sep-14	21-Oct-14	20-Sep-14 A	08-Oct-14 A		$287,390	$287,390
SHT1770	Trench excavation for 760 mm main pipeline from 2+200 to sta.2+780 with length approx. (580 LM)	16d	100%	0d	28-Sep-14	21-Oct-14	20-Sep-14 A	08-Oct-14 A		$16,240	$16,240
SHT1780	Bedding layer & install the above main Steel pipeline with required welding inspection and sectional testing (UT)	16d	100%	0d	28-Sep-14	21-Oct-14	20-Sep-14 A	08-Oct-14 A		$253,170	$253,170
SHT1790	Backfill the pipe trench with approved materials to the required level	16d	100%	0d	28-Sep-14	21-Oct-14	20-Sep-14 A	08-Oct-14 A		$17,980	$17,980
Civil Chamber work		8d		0d	13-Nov-14	23-Nov-14	12-Nov-14 A	22-Nov-14 A		$28,800	$28,800
SHT1800	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta. 2+230	8d	100%	0d	13-Nov-14	23-Nov-14	12-Nov-14 A	22-Nov-14 A		$28,800	$28,800
Testing		104d		3d	19-Jan-15	26-Apr-15	20-Aug-14 A	02-May-15	1d	$0	$0
SHT1803	Radiographic Testing (RT) Workshop	1d	100%	0d	19-Jan-15	19-Jan-15	20-Aug-14 A	20-Aug-14 A		$0	$0
SHT1805	Pressure Testing	2d	0%	2d	25-Apr-15	26-Apr-15	29-Apr-15	02-May-15	1d	$0	$0
Basecourse		12d		0d	09-Dec-14	23-Dec-14	08-Oct-14 A	26-Oct-14 A		$8,225	$8,225



Project Baseline Bar
Level of effort Baseline
Milestone Early Bar
Baseline Milestone
Actual Work
Milestone Actual
Actual Level of Effort
Early Bar
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Level of Effort
Summary

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February 28, 2015

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Deir Sha'aar Main Pipeline Project

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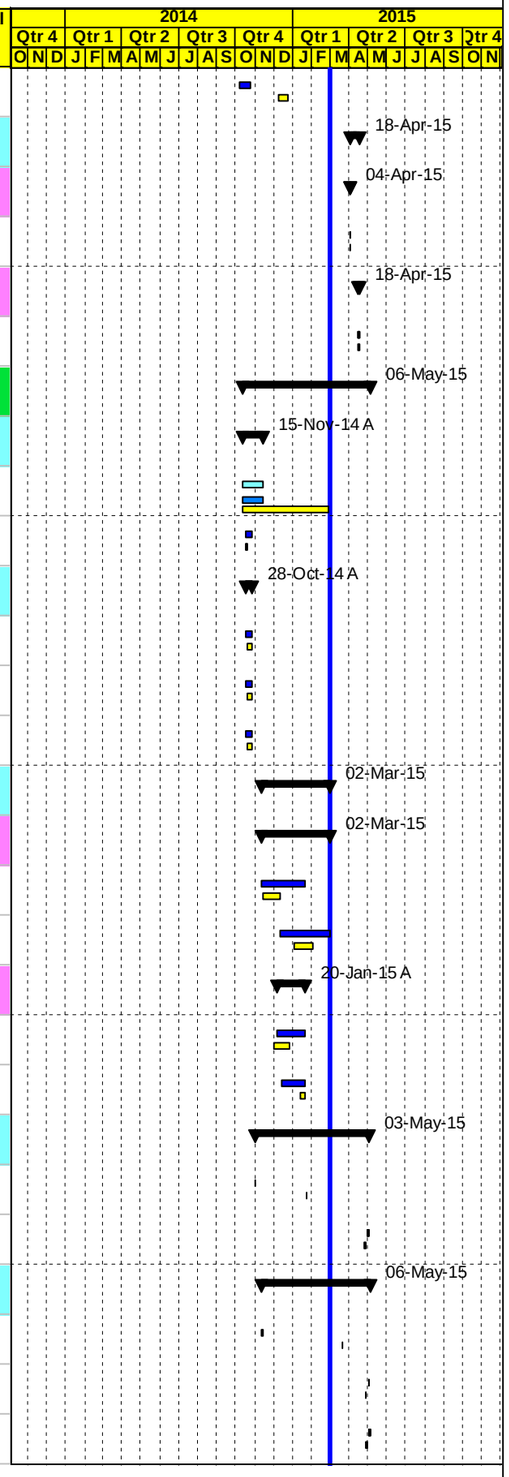
SHT1810	Final Finish Sub grade & 20 cm base course layer from 2+200 to 2+780	12d	100%	0d	09-Dec-14	23-Dec-14	08-Oct-14 A	26-Oct-14 A		$8,225	$8,225
Mechanical Chambers work		12d		12d	02-Apr-15	18-Apr-15	02-Apr-15	18-Apr-15	0d	$28,800	$0
Welding flanges		1d		1d	02-Apr-15	04-Apr-15	02-Apr-15	04-Apr-15	1d	$0	$0
SHT-1540-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta. 2+230	1d	0%	1d	02-Apr-15	04-Apr-15	02-Apr-15	04-Apr-15	1d	$0	$0
Mechanical fittings installation		1d		1d	16-Apr-15	18-Apr-15	16-Apr-15	18-Apr-15	0d	$28,800	$0
SHT-1560-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta. 2+230	1d	0%	1d	16-Apr-15	18-Apr-15	16-Apr-15	18-Apr-15	0d	$28,800	$0
Main pipelines & (Milling & over lay 11m width existing asphalt Road) St. 2+780 to 3+030		207d		67d	12-Oct-14	30-Apr-15	11-Oct-14 A	06-May-15	1d	$278,613	$188,995
Safety , Millings and Pipe Culvert		105d		0d	12-Oct-14	28-Feb-15	11-Oct-14 A	15-Nov-14 A		$0	$0
SHT1830	Maintain traffic control and safety plan ,coordination with local authorities and all other parties	105d	100%	0d	12-Oct-14	28-Feb-15	11-Oct-14 A	15-Nov-14 A		$0	$0
SHT1840	Saw cut asphalt/Road excavation	2d	100%	0d	18-Oct-14	19-Oct-14	18-Oct-14 A	28-Oct-14 A		$0	$0
Pipe Installation		7d		0d	20-Oct-14	27-Oct-14	18-Oct-14 A	28-Oct-14 A		$144,375	$144,375
SHT1850	Trench excavation for 760 mm main pipeline and 200mm dist. Pipeline with length approx. (250 LM)	7d	100%	0d	20-Oct-14	27-Oct-14	18-Oct-14 A	28-Oct-14 A		$7,000	$7,000
SHT1870	Backfill the pipe trench with approved materials to the required level including 20 cm base course	7d	100%	0d	20-Oct-14	27-Oct-14	18-Oct-14 A	28-Oct-14 A		$7,750	$7,750
SHT1860	Bedding layer & install the above main & dist. Steel pipeline with required welding inspection & sectional testing (UT)	7d	100%	0d	20-Oct-14	27-Oct-14	18-Oct-14 A	28-Oct-14 A		$129,625	$129,625
Civil Chamber work		57d		2d	13-Nov-14	01-Feb-15	12-Nov-14 A	02-Mar-15	49d	$38,000	$35,120
Main pipeline chambers		57d		2d	13-Nov-14	01-Feb-15	12-Nov-14 A	02-Mar-15	49d	$35,200	$32,320
SHT1940-new	Construct - ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.2+782	21d	100%	0d	13-Nov-14	11-Dec-14	12-Nov-14 A	20-Jan-15 A		$6,400	$6,400
SHT1880	Construct - Washout chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.2+857	19d	90%	2d	03-Jan-15	01-Feb-15	13-Dec-14 A	02-Mar-15	49d	$28,800	$25,920
Networks chambers		35d		0d	01-Dec-14	20-Jan-15	08-Dec-14 A	20-Jan-15 A		$2,800	$2,800
SHT1880-new	Construct - chamber for Connection to existing (DN 200mm, pipeline Dia 200mm, PN16) @2+781	21d	100%	0d	01-Dec-14	27-Dec-14	08-Dec-14 A	20-Jan-15 A		$0	$0
SHT1885-new	Construct - Washout chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.2+858	5d	100%	0d	13-Jan-15	20-Jan-15	15-Dec-14 A	20-Jan-15 A		$2,800	$2,800
Testing		100d		3d	24-Jan-15	27-Apr-15	03-Nov-14 A	03-May-15	1d	$0	$0
SHT1883	Radiographic Testing (RT) Workshop	1d	100%	0d	24-Jan-15	24-Jan-15	03-Nov-14 A	03-Nov-14 A		$0	$0
SHT1885	Pressure Testing	2d	0%	2d	26-Apr-15	27-Apr-15	30-Apr-15	03-May-15	1d	$0	$0
Asphalt		40d		3d	21-Mar-15	30-Apr-15	13-Nov-14 A	06-May-15	1d	$51,438	$9,500
SHT1900	Asphalt Reinstament over pipe trench including prime coat and 5 cm asphalt wearing layer	2d	100%	0d	21-Mar-15	22-Mar-15	13-Nov-14 A	15-Nov-14 A		$9,500	$9,500
SHT1887	Milling	1d	0%	1d	28-Apr-15	28-Apr-15	03-May-15	04-May-15	1d	$4,125	$0
SHT1910	5 cm asphalt wearing course including tack coat	2d	0%	2d	29-Apr-15	30-Apr-15	04-May-15	06-May-15	1d	$37,813	$0



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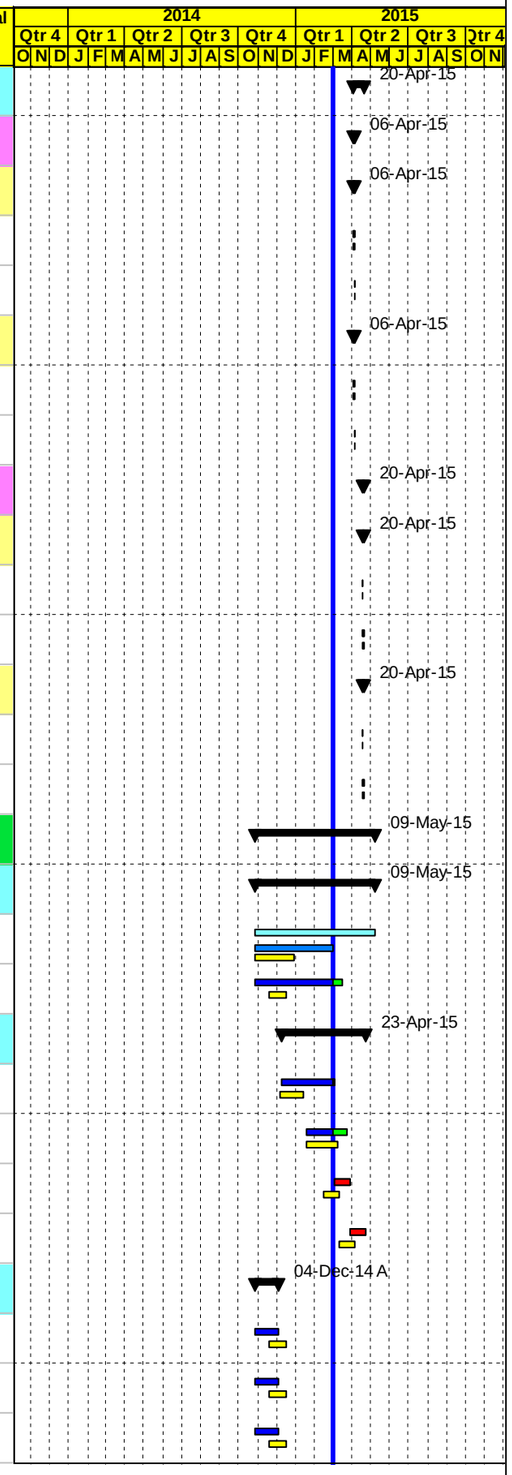
Mechanical Chambers work		13d		13d	04-Apr-15	20-Apr-15	04-Apr-15	20-Apr-15	0d	$44,800	$0
Welding flanges		2d		2d	04-Apr-15	06-Apr-15	04-Apr-15	06-Apr-15	9d	$0	$0
Main pipeline chambers		2d		2d	04-Apr-15	06-Apr-15	04-Apr-15	06-Apr-15	1d	$0	$0
SHT-1570-MECH	Welding flanges for ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.2+782	1d	0%	1d	04-Apr-15	05-Apr-15	04-Apr-15	05-Apr-15	1d	$0	$0
SHT-1580-MECH	Welding flanges for Washout chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.2+857	1d	0%	1d	05-Apr-15	06-Apr-15	05-Apr-15	06-Apr-15	1d	$0	$0
Networks chambers		2d		2d	04-Apr-15	06-Apr-15	04-Apr-15	06-Apr-15	9d	$0	$0
SHT-1590-MECH	Welding flanges for Connection to existing (DN 200mm, pipeline Dia 200mm, PN16) @2+781	1d	0%	1d	04-Apr-15	05-Apr-15	04-Apr-15	05-Apr-15	10d	$0	$0
SHT-1600-MECH	Welding flanges for Washout chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.2+858	1d	0%	1d	05-Apr-15	06-Apr-15	05-Apr-15	06-Apr-15	1d	$0	$0
Mechanical fittings installation		2d		2d	18-Apr-15	20-Apr-15	18-Apr-15	20-Apr-15	0d	$44,800	$0
Main pipeline chambers		2d		2d	18-Apr-15	20-Apr-15	18-Apr-15	20-Apr-15	0d	$35,200	$0
SHT-1610-MECH	Fittings installation for ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.2+782	1d	0%	1d	18-Apr-15	19-Apr-15	18-Apr-15	19-Apr-15	0d	$6,400	$0
SHT-1620-MECH	Fittings installation for Washout chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.2+857	1d	0%	1d	19-Apr-15	20-Apr-15	19-Apr-15	20-Apr-15	0d	$28,800	$0
Networks chambers		2d		2d	18-Apr-15	20-Apr-15	18-Apr-15	20-Apr-15	0d	$9,600	$0
SHT-1630-MECH	Fittings installation for Connection to existing (DN 200mm, pipeline Dia 200mm, PN16) @2+781	1d	0%	1d	18-Apr-15	19-Apr-15	18-Apr-15	19-Apr-15	0d	$6,800	$0
SHT-1640-MECH	Fittings installation for Washout chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.2+858	1d	0%	1d	19-Apr-15	20-Apr-15	19-Apr-15	20-Apr-15	0d	$2,800	$0
Main pipelines &(Reconstruction for exist asphalt Road at residanial area 6 width) St.3+0		195d		70d	27-Oct-14	03-May-15	27-Oct-14 A	09-May-15	1d	$843,667	$582,812
Safety and Excavation Works		49d		58d	27-Oct-14	29-Dec-14	27-Oct-14 A	09-May-15	0d	$12,800	$3,840
SHT1930	Maintain traffic control &safety plan to include local access to residance ,all corrdination & relocate utilities	49d	80%	58d	27-Oct-14	29-Dec-14	27-Oct-14 A	09-May-15	0d	$0	$0
SHT1950	Remove exist asphalt , Road excavation and backfilling to the required subgrade level	20d	30%	14d	19-Nov-14	17-Dec-14	28-Oct-14 A	17-Mar-15	31d	$12,800	$3,840
Concrete Wall		108d		45d	07-Dec-14	06-Apr-15	09-Dec-14 A	23-Apr-15	0d	$163,942	$78,967
SHT1960	Retaining Wall from sta. 3+226to 3+295 RHS	26d	90%	3d	07-Dec-14	14-Jan-15	09-Dec-14 A	03-Mar-15	0d	$59,060	$53,154
SHT2290	Retaining Wall from Sta.3+380 to Sta.3+464.92 RHS	42d	50%	21d	19-Jan-15	10-Mar-15	19-Jan-15 A	25-Mar-15	3d	$51,625	$25,813
SHT2170	Concrete Gravity Wall from Sta.3+523 to Sta.3+537 RHS and from Sta.3+555 to Sta.3+573 RHS	21d	0%	21d	15-Feb-15	12-Mar-15	03-Mar-15	29-Mar-15	0d	$17,052	$0
SHT2840	Retaining Wall from Sta.3+150 to Sta.3+205 RHS	21d	0%	21d	12-Mar-15	06-Apr-15	29-Mar-15	23-Apr-15	0d	$36,205	$0
Pipe Installation		21d		0d	18-Nov-14	16-Dec-14	28-Oct-14 A	04-Dec-14 A		$433,125	$433,125
SHT1970	Trench excavation for 760 mm main and 200 mm dist. Pipelines with length approx. (750 LM)	21d	100%	0d	18-Nov-14	16-Dec-14	28-Oct-14 A	04-Dec-14 A		$21,000	$21,000
SHT1980	Bedding layer & install the above main&dist.Steel pipeline including required welding inspection/sectional testing (UT)	21d	100%	0d	18-Nov-14	16-Dec-14	28-Oct-14 A	04-Dec-14 A		$388,875	$388,875
SHT1990	Backfill the pipe trench with approved materials to the required level	21d	100%	0d	18-Nov-14	16-Dec-14	28-Oct-14 A	04-Dec-14 A		$23,250	$23,250



Project Baseline Bar | Baseline Milestone | Actual Level of Effort | Level of Effort
Level of effort Baseline | Actual Work | Early Bar | Summary
Milestone Early Bar | Milestone Actual | Critical Bar

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APCO/ArCon CONSTRUCTION AND SERVICES

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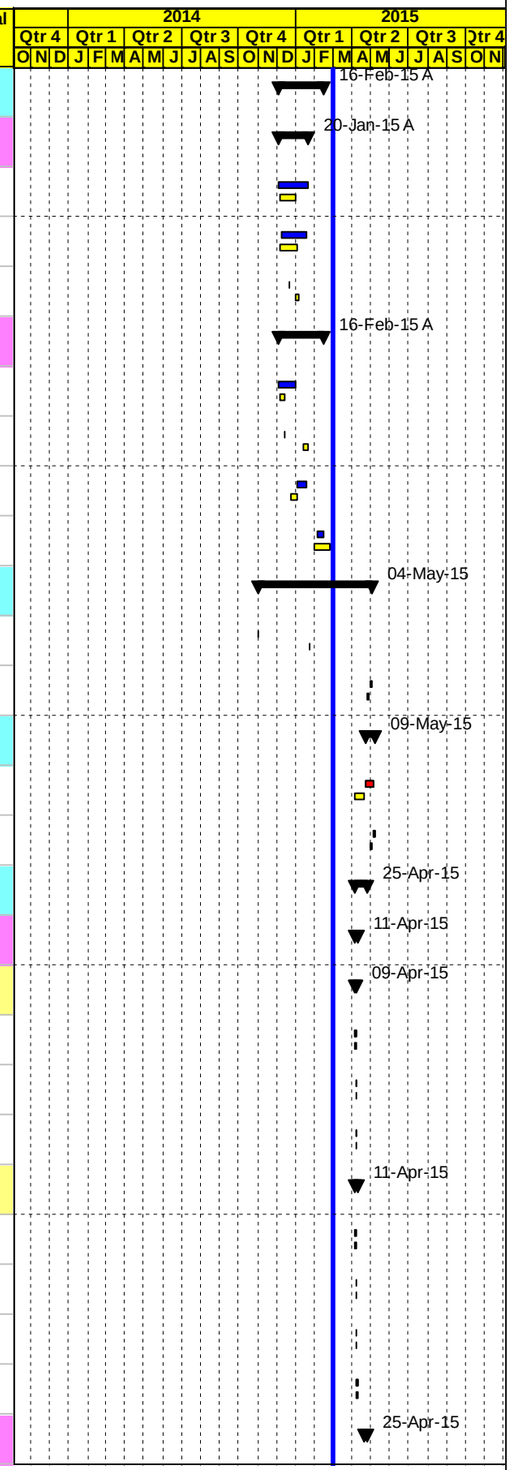
February 28, 2015

TO.16

Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	BL2 Start	BL2 Finish	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost
Civil Chamber work		62d		0d	06-Dec-14	25-Feb-15	04-Dec-14 A	16-Feb-15 A		$66,880	$66,880
Main pipeline chambers		26d		0d	06-Dec-14	06-Jan-15	04-Dec-14 A	20-Jan-15 A		$50,800	$50,800
SHT2010	Construct -Beit Ummar Connection chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.3+485 RHS	21d	100%	0d	06-Dec-14	31-Dec-14	04-Dec-14 A	20-Jan-15 A		$38,000	$38,000
SHT3850-new	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 3+303	22d	100%	0d	07-Dec-14	03-Jan-15	09-Dec-14 A	19-Jan-15 A		$6,400	$6,400
SHT2000	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 3+745	6d	100%	0d	31-Dec-14	06-Jan-15	22-Dec-14 A	23-Dec-14 A		$6,400	$6,400
Networks chambers		62d		0d	06-Dec-14	25-Feb-15	04-Dec-14 A	16-Feb-15 A		$16,080	$16,080
SHT2020-new	Construct - combined chamber gate valve (DN 200&200mm, pipeline Dia 200&200mm, PN16) @ Sta. 3+490	8d	100%	0d	06-Dec-14	15-Dec-14	04-Dec-14 A	01-Jan-15 A		$7,360	$7,360
SHT1895-new	Construct - ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16@ Sta.3+743	7d	100%	0d	13-Jan-15	21-Jan-15	14-Dec-14 A	15-Dec-14 A		$2,520	$2,520
SHT1890-new	Construct - ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.3+301	9d	100%	0d	23-Dec-14	03-Jan-15	04-Jan-15 A	19-Jan-15 A		$2,520	$2,520
SHT1896-new	Construct - chamber for Connection to existing (DN 200&100mm, pipeline Dia 200&100mm, PN16) @3+780	21d	100%	0d	01-Feb-15	25-Feb-15	06-Feb-15 A	16-Feb-15 A		$3,680	$3,680
Testing		101d		2d	24-Jan-15	28-Apr-15	03-Nov-14 A	04-May-15	6d	$0	$0
SHT2013	Radiographic Testing (RT) Workshop	1d	100%	0d	24-Jan-15	24-Jan-15	03-Nov-14 A	03-Nov-14 A		$0	$0
SHT2015	Pressure Testing	2d	0%	2d	27-Apr-15	28-Apr-15	02-May-15	04-May-15	5d	$0	$0
Base course , Stone Wall and Asphalt		13d		13d	06-Apr-15	03-May-15	23-Apr-15	09-May-15	0d	$100,040	$0
SHT2020	Final Finish Sub grade & 20cm base course layer	11d	0%	11d	06-Apr-15	20-Apr-15	23-Apr-15	06-May-15	0d	$24,440	$0
SHT2040	7 cm asphalt wearing course including prime coat	2d	0%	2d	02-May-15	03-May-15	06-May-15	09-May-15	0d	$75,600	$0
Mechanical Chambers work		15d		15d	06-Apr-15	25-Apr-15	06-Apr-15	25-Apr-15	0d	$66,880	$0
Welding flanges		4d		4d	06-Apr-15	11-Apr-15	06-Apr-15	11-Apr-15	9d	$0	$0
Main pipeline chambers		3d		3d	06-Apr-15	09-Apr-15	06-Apr-15	09-Apr-15	1d	$0	$0
SHT-1650-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 3+303	1d	0%	1d	06-Apr-15	07-Apr-15	06-Apr-15	07-Apr-15	1d	$0	$0
SHT-1660-MECH	Welding flanges for Beit Ummar Connection chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.3+485 RHS	1d	0%	1d	07-Apr-15	08-Apr-15	07-Apr-15	08-Apr-15	1d	$0	$0
SHT-1670-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 3+745	1d	0%	1d	08-Apr-15	09-Apr-15	08-Apr-15	09-Apr-15	1d	$0	$0
Networks chambers		4d		4d	06-Apr-15	11-Apr-15	06-Apr-15	11-Apr-15	9d	$0	$0
SHT-1680-MECH	Welding flanges for ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.3+301	1d	0%	1d	06-Apr-15	07-Apr-15	06-Apr-15	07-Apr-15	10d	$0	$0
SHT-1690-MECH	Welding flanges for combined chamber gate valve (DN 200&200mm, pipeline Dia 200&200mm, PN16) @ Sta. 3+490	1d	0%	1d	07-Apr-15	08-Apr-15	07-Apr-15	08-Apr-15	11d	$0	$0
SHT-1700-MECH	Welding flanges for ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16@ Sta.3+743	1d	0%	1d	08-Apr-15	09-Apr-15	08-Apr-15	09-Apr-15	10d	$0	$0
SHT-1710-MECH	Welding flanges for Connection to existing (DN 200&100mm, pipeline Dia 200&100mm, PN16) @3+780	1d	0%	1d	09-Apr-15	11-Apr-15	09-Apr-15	11-Apr-15	1d	$0	$0
Mechanical fittings installation		4d		4d	20-Apr-15	25-Apr-15	20-Apr-15	25-Apr-15	0d	$66,880	$0



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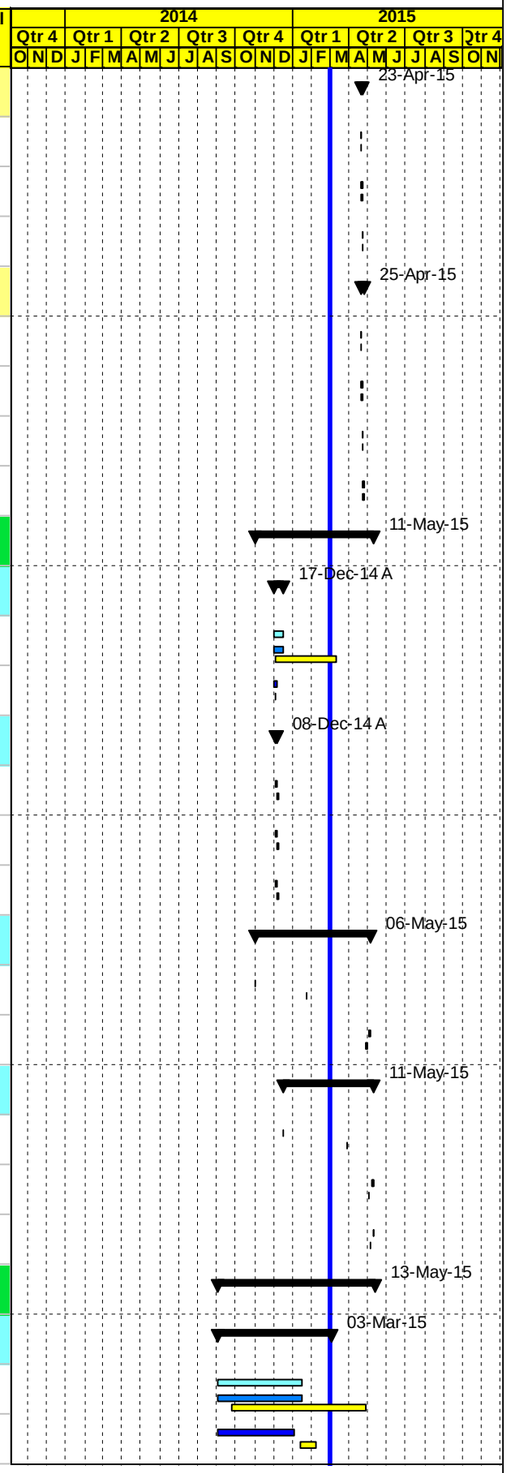
February 28, 2015

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	BL2 Start	BL2 Finish	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost
Main pipeline chambers		3d		3d	20-Apr-15	23-Apr-15	20-Apr-15	23-Apr-15	0d	$50,800	$0
SHT-1720-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 3+303	1d	0%	1d	20-Apr-15	21-Apr-15	20-Apr-15	21-Apr-15	0d	$6,400	$0
SHT-1730-MECH	Fittings installation for Beit Ummar Connection chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.3+485 RHS	1d	0%	1d	21-Apr-15	22-Apr-15	21-Apr-15	22-Apr-15	0d	$38,000	$0
SHT-1740-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 3+745	1d	0%	1d	22-Apr-15	23-Apr-15	22-Apr-15	23-Apr-15	0d	$6,400	$0
Networks chambers		4d		4d	20-Apr-15	25-Apr-15	20-Apr-15	25-Apr-15	0d	$16,080	$0
SHT-1750-MECH	Fittings installation for ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.3+301	1d	0%	1d	20-Apr-15	21-Apr-15	20-Apr-15	21-Apr-15	0d	$2,520	$0
SHT-1760-MECH	Fittings installation for combined chamber gate valve (DN 200&200mm, pipeline Dia 200&200mm, PN16) @ Sta. 3+490	1d	0%	1d	21-Apr-15	22-Apr-15	21-Apr-15	22-Apr-15	1d	$3,680	$0
SHT-1770-MECH	Fittings installation for ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16@ Sta.3+743	1d	0%	1d	22-Apr-15	23-Apr-15	22-Apr-15	23-Apr-15	0d	$2,520	$0
SHT-1780-MECH	Fittings installation for Connection to existing (DN 200&100mm, pipeline Dia 200&100mm, PN16) @3+780	1d	0%	1d	23-Apr-15	25-Apr-15	23-Apr-15	25-Apr-15	0d	$7,360	$0
Main pipelines & (Milling & overlay for 11-13 m width Exist. asphalt Road)St. 3+780 to3+9		160d		7d	03-Dec-14	05-May-15	03-Nov-14 A	11-May-15	1d	$85,370	$64,020
Safety and Milling		76d		0d	03-Dec-14	12-Mar-15	01-Dec-14 A	17-Dec-14 A		$0	$0
SHT2050	Maintain traffic control and safety plan ,coordination with local authorities and all others parties	76d	100%	0d	03-Dec-14	12-Mar-15	01-Dec-14 A	17-Dec-14 A		$0	$0
SHT2060	Saw cut asphalt	1d	100%	0d	03-Dec-14	03-Dec-14	02-Dec-14 A	06-Dec-14 A		$0	$0
Pipe Installation		4d		0d	06-Dec-14	09-Dec-14	04-Dec-14 A	08-Dec-14 A		$59,460	$59,460
SHT2070	Trench excavation for 760 mm main and 100 mm dist. Pipelines with length approx. (120 LM) @ RHS	4d	100%	0d	06-Dec-14	09-Dec-14	04-Dec-14 A	08-Dec-14 A		$3,360	$3,360
SHT2080	Bedding layer & install the above main Steel pipeline with required welding inspection and sectional testing @ RHS (UT)	4d	100%	0d	06-Dec-14	09-Dec-14	04-Dec-14 A	08-Dec-14 A		$52,380	$52,380
SHT2090	Backfill the pipe trench with approved materials to the required level including 20 cm base course @ RHS	4d	100%	0d	06-Dec-14	09-Dec-14	04-Dec-14 A	08-Dec-14 A		$3,720	$3,720
Testing		103d		2d	24-Jan-15	30-Apr-15	03-Nov-14 A	06-May-15	6d	$0	$0
SHT2094	Radiographic Testing (RT) Workshop	1d	100%	0d	24-Jan-15	24-Jan-15	03-Nov-14 A	03-Nov-14 A		$0	$0
SHT2095	Pressure Testing	2d	0%	2d	29-Apr-15	30-Apr-15	04-May-15	06-May-15	5d	$0	$0
Asphalt		36d		2d	30-Mar-15	05-May-15	17-Dec-14 A	11-May-15	0d	$25,910	$4,560
SHT2100	Asphalt Reinstatement over pipe trench including prime coat and 5 cm asphalt wearing layer	1d	100%	0d	30-Mar-15	30-Mar-15	17-Dec-14 A	17-Dec-14 A		$4,560	$4,560
SHT2097	Milling	1d	0%	1d	04-May-15	04-May-15	09-May-15	10-May-15	0d	$2,100	$0
SHT2110	5 cm asphalt wearing course including tack coat	1d	0%	1d	05-May-15	05-May-15	10-May-15	11-May-15	0d	$19,250	$0
Main pipelines & (Reconstruction for 4m width Exist. Asphalt or Dirt Road) St. 3+900 to		231d		74d	25-Sep-14	07-May-15	03-Sep-14 A	13-May-15	1d	$556,565	$484,744
Safety , Excavation Works and Pipe Culvert		166d		3d	25-Sep-14	29-Apr-15	03-Sep-14 A	03-Mar-15	47d	$38,497	$36,896
SHT2120	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	166d	100%	0d	25-Sep-14	29-Apr-15	03-Sep-14 A	15-Jan-15 A		$0	$0
SHT2130	Remove exist asphalt or Road excavation and backfilling to the required subgrade level	21d	100%	0d	13-Jan-15	08-Feb-15	04-Sep-14 A	03-Jan-15 A		$3,768	$3,768



Project Baseline Bar
Level of effort Baseline
Milestone Early Bar
Baseline Milestone
Actual Work
Milestone Actual
Actual Level of Effort
Early Bar
Critical Bar
Level of Effort
Summary

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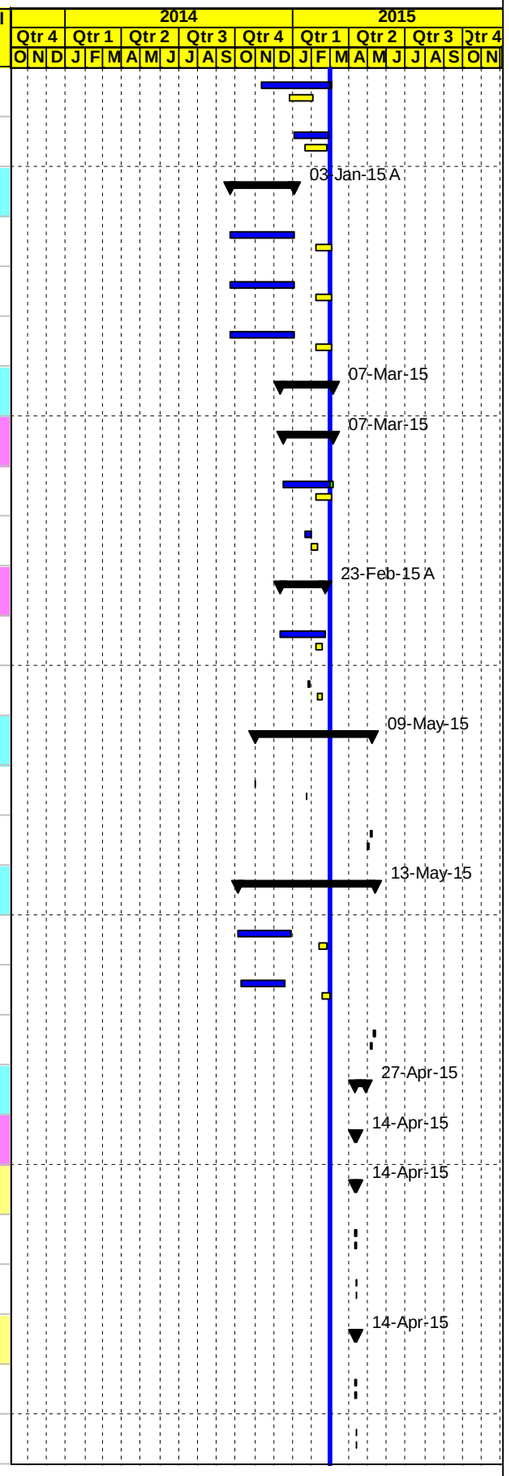
SHT2540	Retaining Wall from Sta.4+345 to Sta.4+365 RHS	27d	90%	3d	27-Dec-14	03-Feb-15	12-Nov-14 A	03-Mar-15	47d	$16,014	$14,413
SHT2590	Retaining Wall from Sta.4+422 to Sta.4+440 LHS	29d	100%	0d	21-Jan-15	25-Feb-15	04-Jan-15 A	28-Feb-15 A		$18,715	$18,715
Pipe Installation		21d		0d	07-Feb-15	03-Mar-15	24-Sep-14 A	03-Jan-15 A		$399,970	$399,970
SHT2150	Bedding layer & install the above main & dist.Steel pipeline including required welding inspection/sectional testing(UT)	21d	100%	0d	07-Feb-15	03-Mar-15	24-Sep-14 A	03-Jan-15 A		$356,310	$356,310
SHT2160	Backfill the pipe trench with approved materials to the required level	21d	100%	0d	07-Feb-15	03-Mar-15	24-Sep-14 A	03-Jan-15 A		$22,940	$22,940
SHT2140	Trench excavation for 760 mm main and 100 mm dist. Pipelines with length approx. (740 LM)	21d	100%	0d	07-Feb-15	03-Mar-15	24-Sep-14 A	03-Jan-15 A		$20,720	$20,720
Civil Chamber work		26d		4d	01-Feb-15	04-Mar-15	13-Dec-14 A	07-Mar-15	57d	$43,760	$38,000
Main pipeline chambers		26d		4d	01-Feb-15	04-Mar-15	17-Dec-14 A	07-Mar-15	57d	$39,000	$33,240
SHT2190	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+593	21d	80%	4d	08-Feb-15	04-Mar-15	17-Dec-14 A	07-Mar-15	57d	$28,800	$23,040
SHT2180	Construct - ARV Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+082	8d	100%	0d	01-Feb-15	10-Feb-15	21-Jan-15 A	31-Jan-15 A		$10,200	$10,200
Networks chambers		9d		0d	08-Feb-15	18-Feb-15	13-Dec-14 A	23-Feb-15 A		$4,760	$4,760
SHT2185-new	Construct - Wash out and Gate valve Valve chamber (DN 50&100mm, pipeline Dia 100mm, PN16@ Sta.4+593	8d	100%	0d	08-Feb-15	17-Feb-15	13-Dec-14 A	23-Feb-15 A		$2,360	$2,360
SHT2190-new	Construct - ARV Valve chamber (DN 50mm, pipeline Dia 100mm, PN16)@ Sta.4+082	8d	100%	0d	09-Feb-15	18-Feb-15	27-Jan-15 A	29-Jan-15 A		$2,400	$2,400
Testing		106d		3d	24-Jan-15	03-May-15	03-Nov-14 A	09-May-15	5d	$0	$0
SHT2193	Radiographic Testing (RT)	1d	100%	0d	24-Jan-15	24-Jan-15	03-Nov-14 A	03-Nov-14 A		$0	$0
SHT2195	Pressure Testing	2d	0%	2d	02-May-15	03-May-15	06-May-15	09-May-15	5d	$0	$0
Base course and Asphalt		90d		2d	12-Feb-15	07-May-15	05-Oct-14 A	13-May-15	0d	$30,578	$9,878
SHT4122	Final Finish Sub grade & 20 cm base course layer From St.4+270 to St. 4+640	10d	100%	0d	12-Feb-15	24-Feb-15	05-Oct-14 A	30-Dec-14 A		$5,635	$5,635
SHT2200	Final Finish Sub grade & 20 cm base course layer From St.3+900 to St. 4+270	10d	100%	0d	17-Feb-15	01-Mar-15	11-Oct-14 A	20-Dec-14 A		$4,243	$4,243
SHT2210	5 cm asphalt wearing course including tack coat From St.3+900 to St. 4+270	2d	0%	2d	06-May-15	07-May-15	11-May-15	13-May-15	0d	$20,700	$0
Mechanical Chambers work		13d		13d	11-Apr-15	27-Apr-15	11-Apr-15	27-Apr-15	0d	$43,760	$0
Welding flanges		2d		2d	11-Apr-15	14-Apr-15	11-Apr-15	14-Apr-15	10d	$0	$0
Main pipeline chambers		2d		2d	11-Apr-15	14-Apr-15	11-Apr-15	14-Apr-15	1d	$0	$0
SHT-1790-MECH	Welding flanges for ARV Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+082	1d	0%	1d	11-Apr-15	13-Apr-15	11-Apr-15	13-Apr-15	1d	$0	$0
SHT-1800-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+593	1d	0%	1d	13-Apr-15	14-Apr-15	13-Apr-15	14-Apr-15	1d	$0	$0
Networks chambers		2d		2d	11-Apr-15	14-Apr-15	11-Apr-15	14-Apr-15	10d	$0	$0
SHT-1810-MECH	Welding flanges for ARV Valve chamber (DN 50mm, pipeline Dia 100mm, PN16)@ Sta.4+082	1d	0%	1d	11-Apr-15	13-Apr-15	11-Apr-15	13-Apr-15	10d	$0	$0
SHT-1820-MECH	Welding flanges for Wash out and Gate valve Valve chamber (DN 50&100mm, pipeline Dia 100mm, PN16@ Sta.4+593	1d	0%	1d	13-Apr-15	14-Apr-15	13-Apr-15	14-Apr-15	10d	$0	$0



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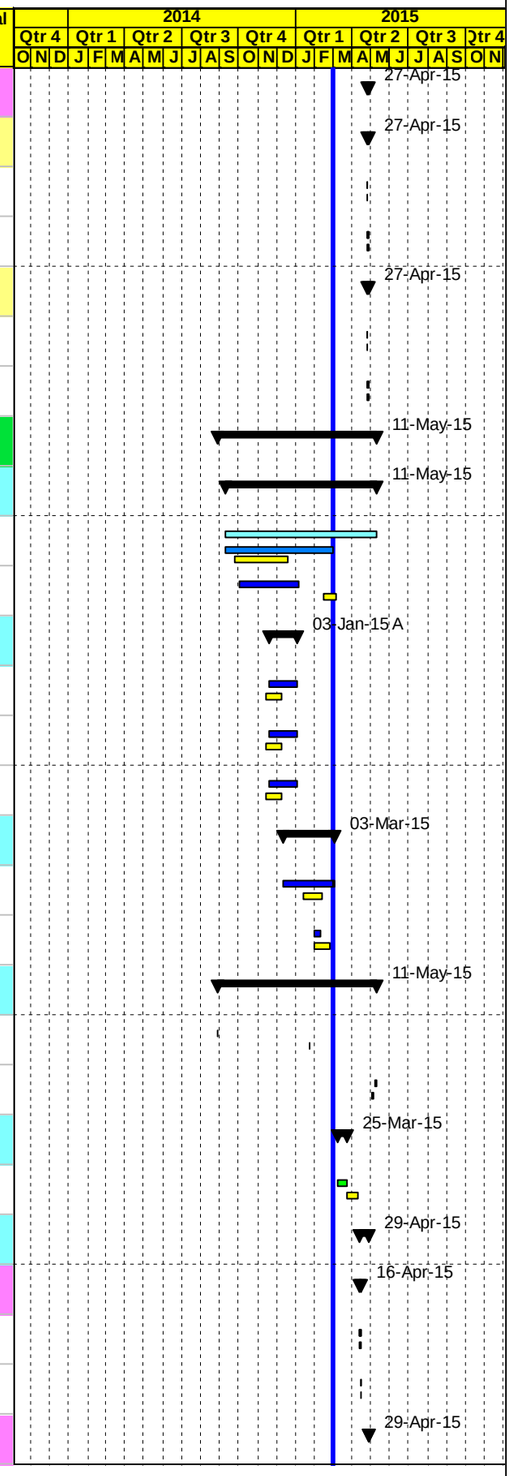
Mechanical fittings installation		2d		2d	25-Apr-15	27-Apr-15	25-Apr-15	27-Apr-15	0d	$43,760	$0
Main pipeline chambers		2d		2d	25-Apr-15	27-Apr-15	25-Apr-15	27-Apr-15	0d	$39,000	$0
SHT-1830-MECH	Fittings installation for ARV Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+082	1d	0%	1d	25-Apr-15	26-Apr-15	25-Apr-15	26-Apr-15	0d	$10,200	$0
SHT-1840-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+593	1d	0%	1d	26-Apr-15	27-Apr-15	26-Apr-15	27-Apr-15	0d	$28,800	$0
Networks chambers		2d		2d	25-Apr-15	27-Apr-15	25-Apr-15	27-Apr-15	0d	$4,760	$0
SHT-1850-MECH	Fittings installation for ARV Valve chamber (DN 50mm, pipeline Dia 100mm, PN16)@ Sta.4+082	1d	0%	1d	25-Apr-15	26-Apr-15	25-Apr-15	26-Apr-15	0d	$2,400	$0
SHT-1860-MECH	Fittings installation for Wash out and Gate valve Valve chamber (DN 50&100mm, pipeline Dia 100mm, PN16@ Sta.4+593	1d	0%	1d	26-Apr-15	27-Apr-15	26-Apr-15	27-Apr-15	0d	$2,360	$0
Main pipelines including (Reconstruction 4m width dirt road at agricultural area)St. 4+		229d		72d	25-Sep-14	05-May-15	28-Aug-14 A	11-May-15	6d	$509,930	$407,030
Safety and Excavation Works		121d		60d	25-Sep-14	07-Mar-15	10-Sep-14 A	11-May-15	5d	$6,400	$6,400
SHT2220	Maintain traffic control plan including road grading and widening ,coordination with local and all parties	64d	80%	60d	25-Sep-14	20-Dec-14	10-Sep-14 A	11-May-15	5d	$0	$0
SHT2230	Road excavation and backfilling to the required subgrade level	18d	100%	0d	14-Feb-15	07-Mar-15	02-Oct-14 A	05-Jan-15 A		$6,400	$6,400
Pipe Installation		18d		0d	13-Nov-14	08-Dec-14	20-Nov-14 A	03-Jan-15 A		$327,030	$327,030
SHT2240	Trench excavation for 760 mm main Pipeline with length approx. (660 LM)	18d	100%	0d	13-Nov-14	08-Dec-14	20-Nov-14 A	03-Jan-15 A		$18,480	$18,480
SHT2250	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	18d	100%	0d	13-Nov-14	08-Dec-14	20-Nov-14 A	03-Jan-15 A		$288,090	$288,090
SHT2260	Backfill the pipe trench with approved materials to the required level	18d	100%	0d	13-Nov-14	08-Dec-14	20-Nov-14 A	03-Jan-15 A		$20,460	$20,460
Chamber work		35d		2d	14-Jan-15	25-Feb-15	13-Dec-14 A	03-Mar-15	24d	$81,200	$73,600
SHT2280	Construct -Beit Ummar Flow Monitoring chamber (DN 500mm, pipeline Dia 760mm, PN25) @ Sta 4+625	24d	90%	2d	14-Jan-15	12-Feb-15	13-Dec-14 A	03-Mar-15	24d	$76,000	$68,400
SHT2270	Construct -ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.4+993	21d	100%	0d	01-Feb-15	25-Feb-15	31-Jan-15 A	10-Feb-15 A		$5,200	$5,200
Testing		108d		2d	24-Jan-15	05-May-15	28-Aug-14 A	11-May-15	6d	$0	$0
SHT2283	Radiographic Testing (RT) Workshop	1d	100%	0d	24-Jan-15	24-Jan-15	28-Aug-14 A	28-Aug-14 A		$0	$0
SHT2285	Pressure Testing	2d	0%	2d	04-May-15	05-May-15	09-May-15	11-May-15	5d	$0	$0
Base course		15d		15d	25-Mar-15	11-Apr-15	09-Mar-15	25-Mar-15	20d	$14,100	$0
SHT2300	Final Finish Sub grade & 20 cm base course layer	15d	0%	15d	25-Mar-15	11-Apr-15	09-Mar-15	25-Mar-15	20d	$14,100	$0
Mechanical Chambers work		13d		13d	14-Apr-15	29-Apr-15	14-Apr-15	29-Apr-15	0d	$81,200	$0
Welding flanges		2d		2d	14-Apr-15	16-Apr-15	14-Apr-15	16-Apr-15	1d	$0	$0
SHT-1890-MECH	Welding flanges for Beit Ummar Flow Monitoring chamber (DN 500mm, pipeline Dia 760mm, PN25) @ Sta 4+625	1d	0%	1d	14-Apr-15	15-Apr-15	14-Apr-15	15-Apr-15	1d	$0	$0
SHT-1900-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.4+993	1d	0%	1d	15-Apr-15	16-Apr-15	15-Apr-15	16-Apr-15	1d	$0	$0
Mechanical fittings installation		2d		2d	27-Apr-15	29-Apr-15	27-Apr-15	29-Apr-15	0d	$81,200	$0



Project Baseline Bar
Level of effort Baseline
Milestone Early Bar
Baseline Milestone
Actual Work
Milestone Actual
Actual Level of Effort
Early Bar
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Summary

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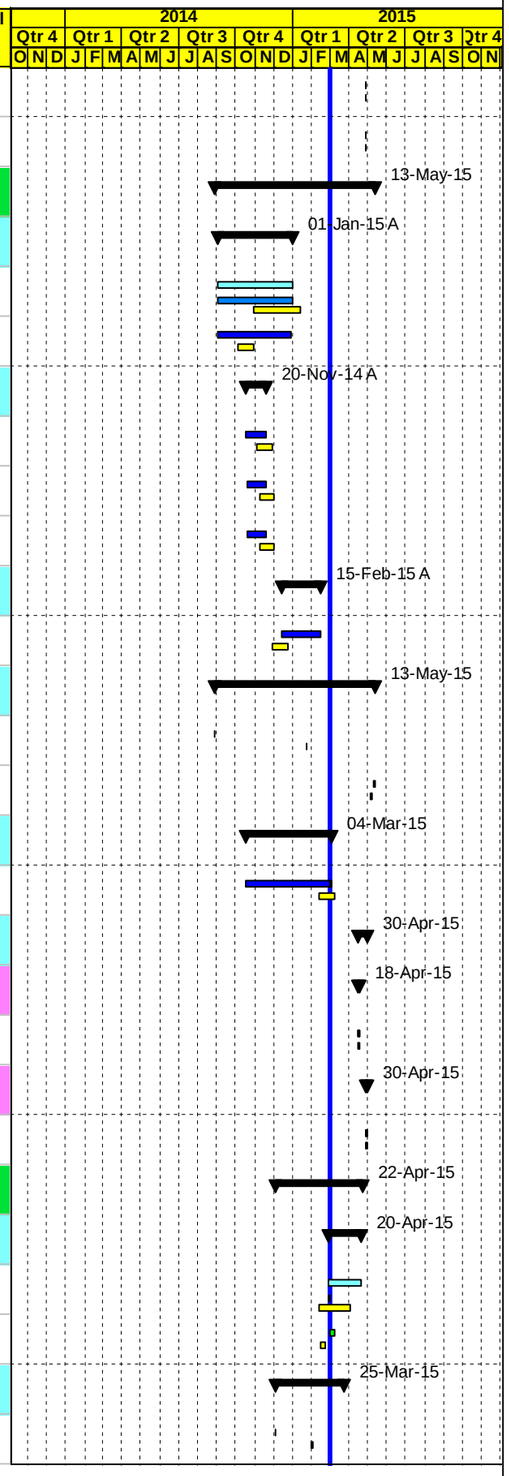
SHT-1910-MECH	Fittings installation for Beit Ummar Flow Monitoring chamber (DN 500mm, pipeline Dia 760mm, PN25) @ Sta 4+625	1d	0%	1d	27-Apr-15	28-Apr-15	27-Apr-15	28-Apr-15	0d	$76,000	$0
SHT-1920-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.4+993	1d	0%	1d	28-Apr-15	29-Apr-15	28-Apr-15	29-Apr-15	0d	$5,200	$0
Main pipelines including (Reconstruction 4m width dirt road at agricultural area)St. 5+		220d		74d	05-Oct-14	07-May-15	28-Aug-14 A	13-May-15	6d	$298,469	$289,591
Safety and Excavation Works		71d		0d	05-Oct-14	14-Jan-15	02-Sep-14 A	01-Jan-15 A		$9,600	$9,600
SHT2320	Maintain traffic control plan including road grading and widening ,coordination with local and all parties	53d	100%	0d	30-Oct-14	14-Jan-15	02-Sep-14 A	01-Jan-15 A		$0	$0
SHT2330	Road excavation and backfilling to the required subgrade level	18d	100%	0d	05-Oct-14	30-Oct-14	03-Sep-14 A	29-Dec-14 A		$9,600	$9,600
Pipe Installation		20d		0d	05-Nov-14	02-Dec-14	19-Oct-14 A	20-Nov-14 A		$266,084	$266,084
SHT2340	Trench excavation for 760 mm main Pipeline with length approx. (537 LM)	18d	100%	0d	05-Nov-14	30-Nov-14	19-Oct-14 A	20-Nov-14 A		$15,036	$15,036
SHT2350	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	18d	100%	0d	08-Nov-14	02-Dec-14	20-Oct-14 A	20-Nov-14 A		$234,401	$234,401
SHT2360	Backfill the pipe trench with approved materials to the required level	18d	100%	0d	08-Nov-14	02-Dec-14	20-Oct-14 A	20-Nov-14 A		$16,647	$16,647
Civil Chamber work		21d		0d	29-Nov-14	23-Dec-14	14-Dec-14 A	15-Feb-15 A		$7,800	$7,800
SHT2380	Construct -AR/AV Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.5+607	21d	100%	0d	29-Nov-14	23-Dec-14	14-Dec-14 A	15-Feb-15 A		$7,800	$7,800
Testing		110d		2d	24-Jan-15	07-May-15	28-Aug-14 A	13-May-15	6d	$0	$0
SHT2383	Radiographic Testing (RT) Workshop	1d	100%	0d	24-Jan-15	24-Jan-15	28-Aug-14 A	28-Aug-14 A		$0	$0
SHT2385	Pressure Testing	2d	0%	2d	06-May-15	07-May-15	11-May-15	13-May-15	5d	$0	$0
Base course		21d		3d	12-Feb-15	09-Mar-15	18-Oct-14 A	04-Mar-15	30d	$7,185	$6,108
SHT2390	Final Finish Sub grade & 20 cm base course layer	21d	85%	3d	12-Feb-15	09-Mar-15	18-Oct-14 A	04-Mar-15	30d	$7,185	$6,108
Mechanical Chambers work		12d		12d	16-Apr-15	30-Apr-15	16-Apr-15	30-Apr-15	0d	$7,800	$0
Welding flanges		1d		1d	16-Apr-15	18-Apr-15	16-Apr-15	18-Apr-15	1d	$0	$0
SHT-1930-MECH	Welding flanges for AR/AV Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.5+607	1d	0%	1d	16-Apr-15	18-Apr-15	16-Apr-15	18-Apr-15	1d	$0	$0
Mechanical fittings installation		1d		1d	29-Apr-15	30-Apr-15	29-Apr-15	30-Apr-15	0d	$7,800	$0
SHT-1940-MECH	Fittings installation for AR/AV Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.5+607	1d	0%	1d	29-Apr-15	30-Apr-15	29-Apr-15	30-Apr-15	0d	$7,800	$0
Main pipelines & (Area C intersection to Karmi Tzur) From St. 5+837 to 6+220		81d		53d	01-Feb-15	22-Apr-15	04-Dec-14 A	22-Apr-15	27d	$212,151	$9,415
Safety and Pipe Culvert		43d		42d	12-Feb-15	04-Apr-15	28-Feb-15 A	20-Apr-15	13d	$4,000	$0
SHT3390	Maintain traffic control & safety plan to include local access to residance , corrdination with israile authorities	43d	2.33%	42d	12-Feb-15	04-Apr-15	28-Feb-15 A	20-Apr-15	13d	$0	$0
SHT3909	Road excavation and backfilling to the required subgrade level from St. 5+837 to St. 6+000	8d	0%	8d	14-Feb-15	22-Feb-15	01-Mar-15	10-Mar-15	13d	$4,000	$0
Pipe Installation		44d		21d	01-Feb-15	10-Mar-15	04-Dec-14 A	25-Mar-15	28d	$199,191	$9,415
SHT3397	Road Crossing Karm Tzur (Working night shift)	1d	100%	0d	01-Feb-15	01-Feb-15	04-Dec-14 A	04-Dec-14 A		$9,415	$9,415



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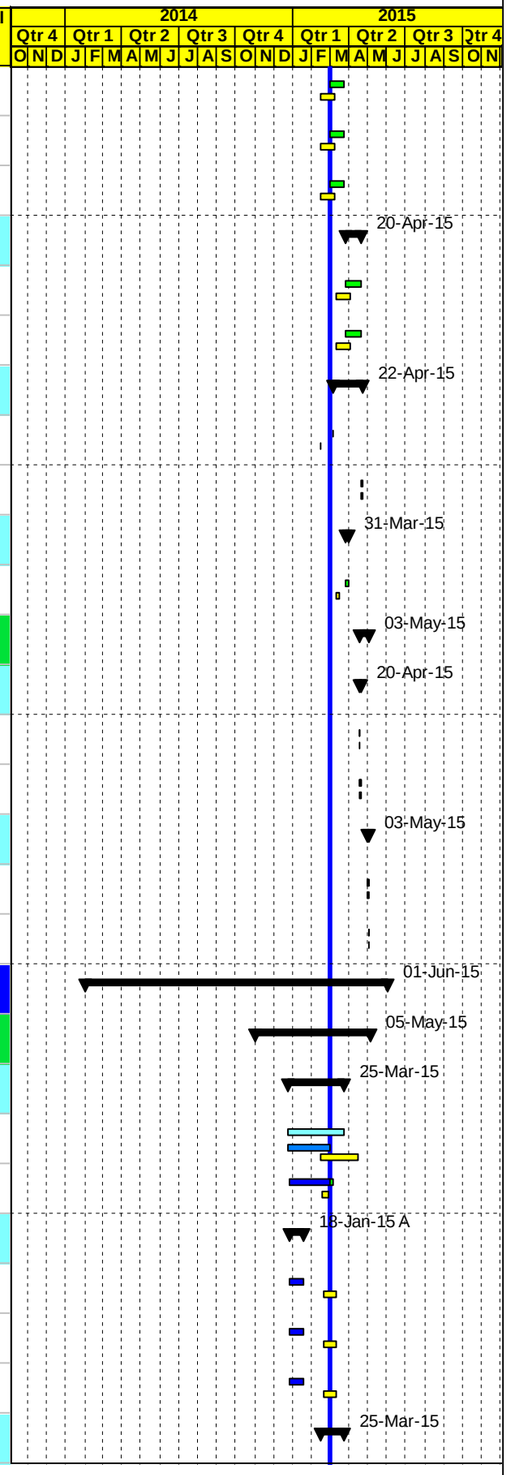
SHT3400	Trench excavation side the road for 760 mm main Pipeline with length approx. (383 LM)	21d	0%	21d	14-Feb-15	10-Mar-15	01-Mar-15	25-Mar-15	13d	$10,724	$0
SHT3405	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	21d	0%	21d	14-Feb-15	10-Mar-15	01-Mar-15	25-Mar-15	13d	$167,180	$0
SHT3407	Backfill the pipe trench with approved materials to the required level	21d	0%	21d	14-Feb-15	10-Mar-15	01-Mar-15	25-Mar-15	28d	$11,873	$0
Civil Chamber work		21d		21d	11-Mar-15	04-Apr-15	26-Mar-15	20-Apr-15	13d	$5,200	$0
SHT3410	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.6+040	21d	0%	21d	11-Mar-15	04-Apr-15	26-Mar-15	20-Apr-15	13d	$5,200	$0
SHT2370	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.5+894	21d	0%	21d	11-Mar-15	04-Apr-15	26-Mar-15	20-Apr-15	13d	$0	$0
Testing		47d		47d	14-Feb-15	22-Apr-15	07-Mar-15	22-Apr-15	27d	$0	$0
SHT3412	Radiographic Testing (RT)	1d	0%	1d	14-Feb-15	14-Feb-15	07-Mar-15	07-Mar-15	7d	$0	$0
SHT3415	Pressure Testing	2d	0%	2d	20-Apr-15	22-Apr-15	21-Apr-15	22-Apr-15	23d	$0	$0
Base course		5d		5d	11-Mar-15	16-Mar-15	26-Mar-15	31-Mar-15	36d	$3,760	$0
SHT3941	Final Finish Sub grade & 20 cm base course layer from St. 5+837 to St. 6+000	5d	0%	5d	11-Mar-15	16-Mar-15	26-Mar-15	31-Mar-15	36d	$3,760	$0
Mechanical Chambers work		13d		13d	18-Apr-15	03-May-15	18-Apr-15	03-May-15	0d	$5,200	$0
Welding flanges		2d		2d	18-Apr-15	20-Apr-15	18-Apr-15	20-Apr-15	1d	$0	$0
SHT-1960-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.5+894	1d	0%	1d	18-Apr-15	19-Apr-15	18-Apr-15	19-Apr-15	1d	$0	$0
SHT-1970-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.6+040	1d	0%	1d	19-Apr-15	20-Apr-15	19-Apr-15	20-Apr-15	1d	$0	$0
Mechanical fittings installation		2d		2d	30-Apr-15	03-May-15	30-Apr-15	03-May-15	0d	$5,200	$0
SHT-1980-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.5+894	1d	0%	1d	30-Apr-15	02-May-15	30-Apr-15	02-May-15	0d	$0	$0
SHT-1990-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.6+040	1d	0%	1d	02-May-15	03-May-15	02-May-15	03-May-15	0d	$5,200	$0
Phase #3 Main pipelines, Network & Road Works St.6+239 to 8+271		444d		93d	15-Mar-14	28-May-15	01-Feb-14 A	01-Jun-15	7d	$2,888,557	$1,514,738
Main pipelines & (Reconstruct 4m width Exist asphalt or dirt road at agricultural) St.6+23		102d		66d	24-Jan-15	05-May-15	03-Nov-14 A	05-May-15	34d	$375,648	$307,448
Safety and Excavation Works		49d		21d	16-Feb-15	15-Apr-15	25-Dec-14 A	25-Mar-15	63d	$6,400	$3,200
SHT3300	Maintain traffic control and safety plan to include local access to residence ,all coordination	49d	80%	21d	16-Feb-15	15-Apr-15	25-Dec-14 A	25-Mar-15	33d	$0	$0
SHT3310	Remove exist asphalt , Road excavation and backfilling to the required subgrade level	9d	50%	5d	17-Feb-15	26-Feb-15	27-Dec-14 A	07-Mar-15	80d	$6,400	$3,200
Pipe Installation		17d		0d	21-Feb-15	12-Mar-15	27-Dec-14 A	18-Jan-15 A		$289,868	$289,868
SHT3320	Trench excavation for 760 mm main Pipeline with length approx. (620 LM)	17d	100%	0d	21-Feb-15	12-Mar-15	27-Dec-14 A	18-Jan-15 A		$16,380	$16,380
SHT3330	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	17d	100%	0d	21-Feb-15	12-Mar-15	27-Dec-14 A	18-Jan-15 A		$255,353	$255,353
SHT3340	Backfill the pipe trench with approved materials to the required level	17d	100%	0d	21-Feb-15	12-Mar-15	27-Dec-14 A	18-Jan-15 A		$18,135	$18,135
Civil Chamber work		23d		21d	25-Feb-15	28-Mar-15	14-Feb-15 A	25-Mar-15	26d	$14,400	$5,200



Project Baseline Bar | Baseline Milestone | Actual Level of Effort | Level of Effort
Level of effort Baseline | Actual Work | Early Bar | Summary
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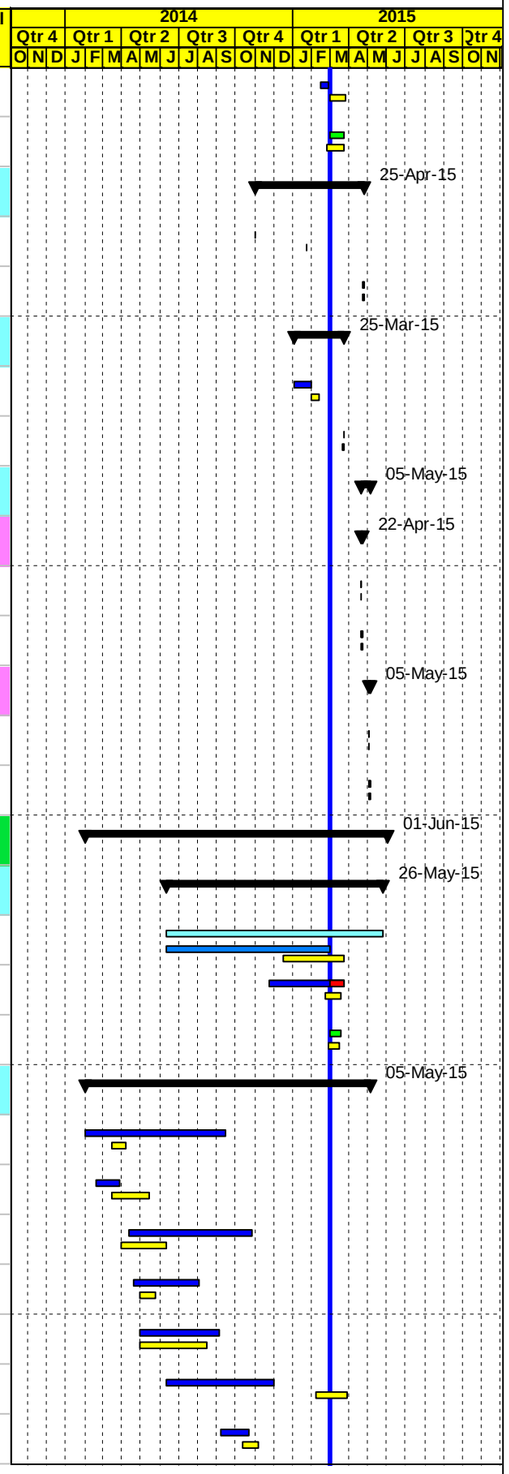
SHT3350	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.6+600	21d	100%	0d	02-Mar-15	28-Mar-15	14-Feb-15 A	28-Feb-15 A		$5,200	$5,200
SHT3360	Construct - Karm Tzur Deir Sha'ar connection chamber (DN 75mm, pipeline Dia 760mm, PN16) @ Sta. 6+240 RHS	21d	0%	21d	25-Feb-15	23-Mar-15	01-Mar-15	25-Mar-15	26d	$9,200	$0
Testing		92d		3d	24-Jan-15	25-Apr-15	03-Nov-14 A	25-Apr-15	3d	$0	$0
SHT3362	Radiographic Testing (RT) Workshop	1d	100%	0d	24-Jan-15	24-Jan-15	03-Nov-14 A	03-Nov-14 A		$0	$0
SHT3365	Pressure Testing	2d	0%	2d	22-Apr-15	25-Apr-15	22-Apr-15	25-Apr-15	3d	$0	$0
Base course and Asphalt		44d		2d	01-Feb-15	23-Mar-15	03-Jan-15 A	25-Mar-15	33d	$50,581	$9,181
SHT3370	Final Finish Sub grade & 20 cm base course layer	9d	100%	0d	01-Feb-15	11-Feb-15	03-Jan-15 A	31-Jan-15 A		$9,181	$9,181
SHT3380	5 cm asphalt wearing course including prime coat	2d	0%	2d	21-Mar-15	23-Mar-15	24-Mar-15	25-Mar-15	33d	$41,400	$0
Mechanical Chambers work		13d		13d	20-Apr-15	05-May-15	20-Apr-15	05-May-15	0d	$14,400	$0
Welding flanges		2d		2d	20-Apr-15	22-Apr-15	20-Apr-15	22-Apr-15	1d	$0	$0
SHT-2000-MECH	Welding flanges for Karm Tzur Deir Sha'ar connection chamber (DN 75mm, pipeline Dia 760mm, PN16) @ Sta. 6+240 RHS	1d	0%	1d	20-Apr-15	21-Apr-15	20-Apr-15	21-Apr-15	1d	$0	$0
SHT-2010-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.6+600	1d	0%	1d	21-Apr-15	22-Apr-15	21-Apr-15	22-Apr-15	1d	$0	$0
Mechanical fittings installation		2d		2d	03-May-15	05-May-15	03-May-15	05-May-15	0d	$14,400	$0
SHT-2020-MECH	Fittings installation for Karm Tzur Deir Sha'ar connection chamber (DN 75mm, pipeline Dia 760mm, PN16) @ Sta. 6+240 RHS	1d	0%	1d	03-May-15	04-May-15	03-May-15	04-May-15	0d	$9,200	$0
SHT-2030-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.6+600	1d	0%	1d	04-May-15	05-May-15	04-May-15	05-May-15	0d	$5,200	$0
Main pipelines(Reconstruct four lane width of Exist road at residential area)St.6+824 to 7		444d		93d	15-Mar-14	28-May-15	01-Feb-14 A	01-Jun-15	7d	$2,023,658	$1,021,020
Safety and Excavation Works		79d		73d	17-Dec-14	23-Mar-15	12-Jun-14 A	26-May-15	-3d	$87,680	$8,768
SHT3010	Implement traffic control and safety plan ,all coordination and relocate utilities if required	73d	25%	73d	17-Dec-14	23-Mar-15	12-Jun-14 A	26-May-15	-3d	$0	$0
SHT3020	Road excavation and backfilling to the required subgrade level RHS & LHS	21d	10%	19d	22-Feb-15	19-Mar-15	25-Nov-14 A	23-Mar-15	-5d	$87,680	$8,768
SHT3220	Storm concrete system from Sta.7+180 to Sta.7+240 and from Sta.7+300 to Sta.7+345	15d	0%	15d	28-Feb-15	18-Mar-15	01-Mar-15	18-Mar-15	3d	$0	$0
Concrete Walls		323d		21d	15-Mar-14	02-May-15	01-Feb-14 A	05-May-15	-1d	$627,876	$627,876
SHT1117	Structural excavation for retaining walls	21d	100%	0d	15-Mar-14	07-Apr-14	01-Feb-14 A	15-Sep-14 A		$63,000	$63,000
SHT1385-new	Concrete retaining wall Retaining Wall from Sta.7+095 to Sta. 7+204.23 LHS (110 LM)	50d	100%	0d	15-Mar-14	14-May-14	20-Feb-14 A	30-Mar-14 A		$84,644	$84,644
SHT1387-new	Concrete Retaining Wall from Sta.7+389.32 to Sta. 7+505 LHS = length (115 LM)	60d	100%	0d	01-Apr-14	12-Jun-14	14-Apr-14 A	29-Oct-14 A		$147,294	$147,294
SHT1389-new	Concrete Retaining Wall from Sta.7+364.35 to Sta. 7+389.32 LHS = length (25 LM)	21d	100%	0d	29-Apr-14	25-May-14	20-Apr-14 A	03-Aug-14 A		$13,859	$13,859
SHT1388-new	Concrete Retaining Wall from Sta.7+204.23 to Sta. 7+364.35 LHS = length (160 LM)	80d	100%	0d	29-Apr-14	17-Aug-14	30-Apr-14 A	06-Sep-14 A		$287,508	$287,508
SHT3190	Backfilling behind retaining wall	40d	100%	0d	08-Feb-15	28-Mar-15	12-Jun-14 A	01-Dec-14 A		$13,744	$13,744
SHT1165	Boundary Wall from Sta.6+971 to Sta.7+036 RHS	21d	100%	0d	12-Oct-14	06-Nov-14	09-Sep-14 A	22-Oct-14 A		$9,617	$9,617



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Baseline Milestone
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Milestone Actual
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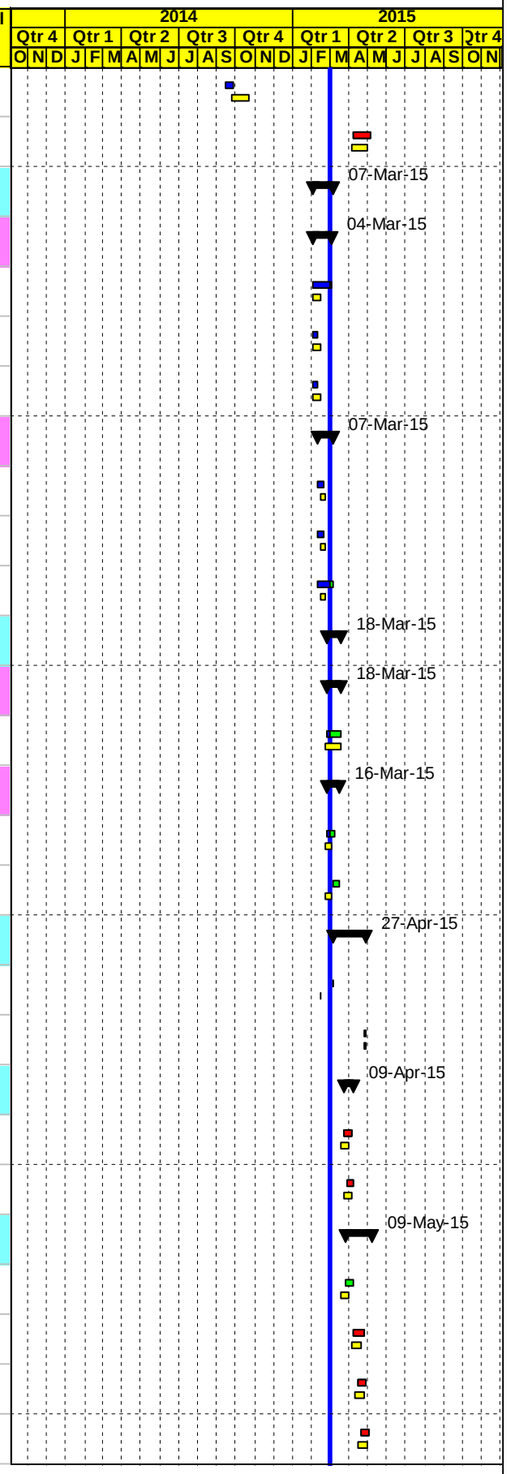
SHT1135	Concrete retaining wall from sta.7+180 to access road.	21d	100%	0d	25-Sep-14	23-Oct-14	15-Sep-14 A	27-Sep-14 A		$8,210	$8,210
SHT1145	Boundary Wall from Sta.6+840 to Sta.6+971 RHS	21d	0%	21d	06-Apr-15	02-May-15	09-Apr-15	05-May-15	-1d	$0	$0
Pipe Installation		15d		5d	03-Feb-15	22-Feb-15	02-Feb-15 A	07-Mar-15	79d	$386,167	$375,456
760 mm main pipeline and 150 mm dist.pipeline		8d		4d	03-Feb-15	14-Feb-15	02-Feb-15 A	04-Mar-15	80d	$203,165	$197,616
SHT3070	Backfill the pipe trench with approved materials to the required level RHS	8d	50%	4d	03-Feb-15	14-Feb-15	02-Feb-15 A	04-Mar-15	80d	$11,098	$5,549
SHT3050	Trench excavation for 760 mm main pipeline and 150 mm dist.pipeline from 7+515 to 7+157 with length approx. (358LM) R	8d	100%	0d	03-Feb-15	14-Feb-15	02-Feb-15 A	09-Feb-15 A		$10,024	$10,024
SHT3060	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT) RHS	8d	100%	0d	03-Feb-15	14-Feb-15	02-Feb-15 A	09-Feb-15 A		$182,043	$182,043
760 mm main pipeline and 100 mm dist.pipeline		7d		4d	14-Feb-15	22-Feb-15	10-Feb-15 A	07-Mar-15	9d	$183,002	$177,840
SHT3072	Trench excavation for 760 mm main pipeline and 100 mm dist.pipeline from 7+157 to 6+824 with length approx. (333 LM)	7d	100%	0d	14-Feb-15	22-Feb-15	10-Feb-15 A	21-Feb-15 A		$9,324	$9,324
SHT3074	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT) RHS	7d	100%	0d	14-Feb-15	22-Feb-15	10-Feb-15 A	21-Feb-15 A		$163,355	$163,355
SHT3076	Backfill the pipe trench with approved materials to the required level RHS	7d	50%	4d	14-Feb-15	22-Feb-15	10-Feb-15 A	07-Mar-15	9d	$10,323	$5,162
Civil Chamber work		21d		15d	22-Feb-15	19-Mar-15	26-Feb-15 A	18-Mar-15	34d	$34,600	$8,920
Main pipeline chambers		21d		15d	22-Feb-15	19-Mar-15	26-Feb-15 A	18-Mar-15	34d	$28,800	$8,640
SHT3100	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.7+192 RHS	21d	30%	15d	22-Feb-15	19-Mar-15	26-Feb-15 A	18-Mar-15	34d	$28,800	$8,640
Networks chambers		18d		13d	22-Feb-15	03-Mar-15	26-Feb-15 A	16-Mar-15	36d	$5,800	$280
SHT3103-new	Construct - Wash out Valve chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.7+199	8d	10%	7d	22-Feb-15	03-Mar-15	26-Feb-15 A	10-Mar-15	42d	$2,800	$280
SHT3101-new	Construct - Gate valve (DN 100mm, pipeline Dia 100mm, PN16) @ Sta. 6+822	8d	0%	8d	22-Feb-15	03-Mar-15	07-Mar-15	16-Mar-15	36d	$3,000	$0
Testing		52d		52d	14-Feb-15	27-Apr-15	07-Mar-15	27-Apr-15	3d	$0	$0
SHT3102	Radiographic Testing (RT)	1d	0%	1d	14-Feb-15	14-Feb-15	07-Mar-15	07-Mar-15	1d	$0	$0
SHT3105	Pressure Testing	2d	0%	2d	25-Apr-15	27-Apr-15	25-Apr-15	27-Apr-15	3d	$0	$0
Topping		15d		15d	19-Mar-15	06-Apr-15	23-Mar-15	09-Apr-15	-5d	$56,352	$0
SHT3110	Final Finish Sub grade & 20 cm thick for toping layer RHS	11d	0%	11d	19-Mar-15	01-Apr-15	23-Mar-15	05-Apr-15	-5d	$28,176	$0
SHT3230	Final Finish Sub grade & 20 cm thick for toping layer LHS	11d	0%	11d	24-Mar-15	06-Apr-15	28-Mar-15	09-Apr-15	-5d	$28,176	$0
PVC, Base course		37d		37d	19-Mar-15	05-May-15	26-Mar-15	09-May-15	-5d	$131,600	$0
SHT3120	Reinf.concrete foundation and PVC conduit cable for street lighting RHS	12d	0%	12d	19-Mar-15	02-Apr-15	26-Mar-15	08-Apr-15	8d	$0	$0
SHT3130	20 cm thick for first base course layer RHS	12d	0%	12d	06-Apr-15	21-Apr-15	09-Apr-15	25-Apr-15	-5d	$32,900	$0
SHT3240	20 cm thick for first base course layer LHS	12d	0%	12d	11-Apr-15	26-Apr-15	15-Apr-15	29-Apr-15	-5d	$32,900	$0
SHT3140	20 cm thick for second base course layer RHS	12d	0%	12d	16-Apr-15	30-Apr-15	20-Apr-15	04-May-15	-5d	$32,900	$0



Project Baseline Bar | Baseline Milestone | Actual Level of Effort | Level of Effort
Level of effort Baseline | Actual Work | Early Bar | Summary
Milestone Early Bar | Milestone Actual | Critical Bar

Date	Revision	Checked	Approved
04-Mar-15			

APCO ArCon CONSTRUCTION AND SERVICES

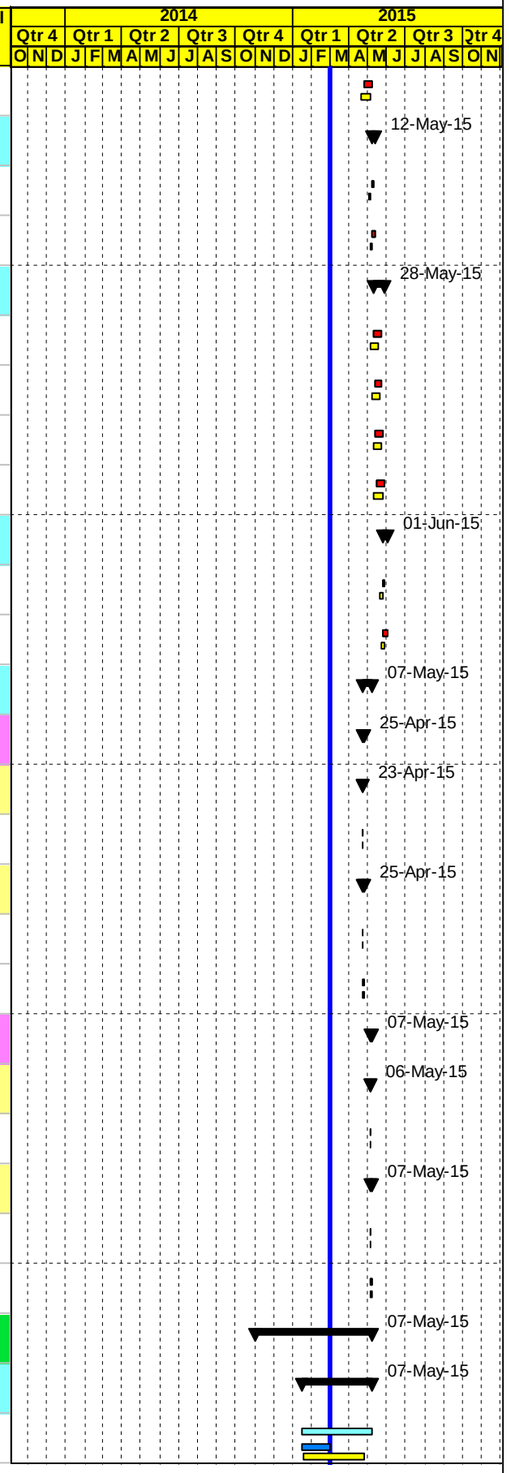
Updated Construction Program

February 28, 2015

TO.16

Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	BL2 Start	BL2 Finish	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost
SHT3250	20 cm thick for second base course layer LHS	12d	0%	12d	21-Apr-15	05-May-15	25-Apr-15	09-May-15	-5d	$32,900	$0
Binder Asphalt		4d		4d	04-May-15	09-May-15	07-May-15	12-May-15	-4d	$193,200	$0
SHT3150	5cm asphalt binder course including prime coat RHS	3d	0%	3d	04-May-15	07-May-15	07-May-15	11-May-15	-3d	$96,600	$0
SHT3260	5cm asphalt binder course including prime coat LHS	3d	0%	3d	05-May-15	09-May-15	09-May-15	12-May-15	-5d	$96,600	$0
Side Walk		15d		15d	07-May-15	25-May-15	11-May-15	28-May-15	-5d	$211,084	$0
SHT3160	construct curbstone after Saw cut the edge of asphalt binder course RHS	10d	0%	10d	07-May-15	19-May-15	11-May-15	23-May-15	-3d	$26,800	$0
SHT3270	construct curbstone after Saw cut the edge of asphalt binder course LHS	10d	0%	10d	09-May-15	20-May-15	12-May-15	24-May-15	-5d	$26,800	$0
SHT3170	Reinforced concrete side walks, ramps including 15 cm base course under side walk RHS	11d	0%	11d	10-May-15	23-May-15	13-May-15	26-May-15	-3d	$80,606	$0
SHT3280	Reinforced concrete side walks, ramps including 15 cm base course under side walk LHS	11d	0%	11d	12-May-15	25-May-15	16-May-15	28-May-15	-5d	$76,878	$0
Wearing Asphalt		6d		6d	21-May-15	28-May-15	25-May-15	01-Jun-15	-3d	$260,500	$0
SHT3290	5 cm asphalt wearing course including tack coat LHS &RHS	3d	0%	3d	21-May-15	25-May-15	25-May-15	28-May-15	-5d	$192,500	$0
SHT3530	install street lighting units	5d	0%	5d	23-May-15	28-May-15	26-May-15	01-Jun-15	-3d	$68,000	$0
Mechanical Chambers work		13d		13d	22-Apr-15	07-May-15	22-Apr-15	07-May-15	0d	$34,600	$0
Welding flanges		2d		2d	22-Apr-15	25-Apr-15	22-Apr-15	25-Apr-15	3d	$0	$0
Main pipeline chambers		1d		1d	22-Apr-15	23-Apr-15	22-Apr-15	23-Apr-15	1d	$0	$0
SHT-2050-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.7+192 RHS	1d	0%	1d	22-Apr-15	23-Apr-15	22-Apr-15	23-Apr-15	1d	$0	$0
Networks chambers		2d		2d	22-Apr-15	25-Apr-15	22-Apr-15	25-Apr-15	3d	$0	$0
SHT-2060-MECH	Welding flanges for Gate valve (DN 100mm, pipeline Dia 100mm, PN16) @ Sta. 6+822	1d	0%	1d	22-Apr-15	23-Apr-15	22-Apr-15	23-Apr-15	3d	$0	$0
SHT-2070-MECH	Welding flanges for Wash out Valve chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.7+199	1d	0%	1d	23-Apr-15	25-Apr-15	23-Apr-15	25-Apr-15	3d	$0	$0
Mechanical fittings installation		2d		2d	05-May-15	07-May-15	05-May-15	07-May-15	0d	$34,600	$0
Main pipeline chambers		1d		1d	05-May-15	06-May-15	05-May-15	06-May-15	1d	$28,800	$0
SHT-2080-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.7+192 RHS	1d	0%	1d	05-May-15	06-May-15	05-May-15	06-May-15	1d	$28,800	$0
Networks chambers		2d		2d	05-May-15	07-May-15	05-May-15	07-May-15	0d	$5,800	$0
SHT-2090-MECH	Fittings installation for Gate valve (DN 100mm, pipeline Dia 100mm, PN16) @ Sta. 6+822	1d	0%	1d	05-May-15	06-May-15	05-May-15	06-May-15	0d	$3,000	$0
SHT-2100-MECH	Fittings installation for Wash out Valve chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.7+199	1d	0%	1d	06-May-15	07-May-15	06-May-15	07-May-15	0d	$2,800	$0
Main pipelines &(Milling & over lay two lane width Exist road at residential area) St.7+515		109d		68d	19-Jan-15	04-May-15	03-Nov-14 A	07-May-15	-3d	$489,251	$186,269
Safety and Milling		81d		57d	19-Jan-15	26-Apr-15	15-Jan-15 A	07-May-15	-3d	$0	$0
SHT2910	Maintain traffic control and safety plan RHS , coordination with local and all parties	81d	29.64%	57d	19-Jan-15	26-Apr-15	15-Jan-15 A	07-May-15	-3d	$0	$0



Project Baseline Bar
Level of effort Baseline
Milestone Early Bar
Baseline Milestone
Actual Work
Milestone Actual
Actual Level of Effort
Early Bar
Critical Bar
Level of Effort
Summary

Date	Revision	Checked	Approved
04-Mar-15			

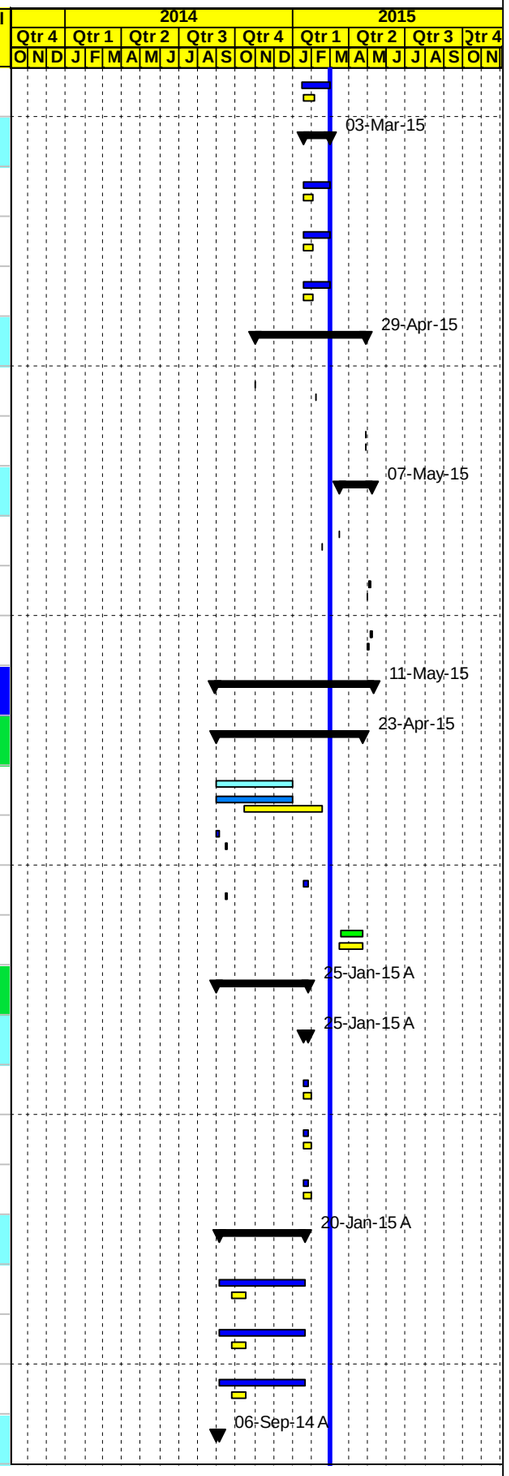
APCO/ArCon CONSTRUCTION AND SERVICES

Updated Construction Program

February 28, 2015

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	BL2 Start	BL2 Finish	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost
SHT2920	Saw cut asphalt	15d	90%	2d	19-Jan-15	04-Feb-15	16-Jan-15 A	02-Mar-15	9d	$0	$0
Pipe Installation		12d		2d	19-Jan-15	01-Feb-15	19-Jan-15 A	03-Mar-15	8d	$229,943	$186,269
SHT2930	Trench excavation for 760 mm main pipeline and 150mm dist.pipeline 7+515 to 7+950 (435 LM)	12d	81.01%	2d	19-Jan-15	01-Feb-15	19-Jan-15 A	03-Mar-15	8d	$12,180	$9,867
SHT2940	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	12d	81.01%	2d	19-Jan-15	01-Feb-15	19-Jan-15 A	03-Mar-15	8d	$204,278	$165,479
SHT2950	Backfill the pipe trench with approved materials to the required level including base course	12d	81.01%	2d	19-Jan-15	01-Feb-15	19-Jan-15 A	03-Mar-15	7d	$13,485	$10,924
Testing		82d		2d	07-Feb-15	29-Apr-15	03-Nov-14 A	29-Apr-15	4d	$0	$0
SHT2952	Radiographic Testing (RT) Workshop	1d	100%	0d	07-Feb-15	07-Feb-15	03-Nov-14 A	03-Nov-14 A		$0	$0
SHT2955	Pressure Testing	2d	0%	2d	27-Apr-15	29-Apr-15	27-Apr-15	29-Apr-15	3d	$0	$0
Asphalt		45d		45d	16-Feb-15	04-May-15	16-Mar-15	07-May-15	-3d	$259,308	$0
SHT2960	Asphalt Reinstatements over pipe trench including prime coat and 5 cm asphalt wearing layer	2d	0%	2d	16-Feb-15	18-Feb-15	16-Mar-15	18-Mar-15	38d	$28,728	$0
SHT2957	Milling	1d	0%	1d	30-Apr-15	02-May-15	04-May-15	05-May-15	-3d	$22,680	$0
SHT3000	5 cm asphalt wearing course including tack coat	2d	0%	2d	02-May-15	04-May-15	05-May-15	07-May-15	-3d	$207,900	$0
Phase #4 Main pipelines &(Milling & over lay two lane width Exist road) St.7+950 to 9+027		239d		72d	15-Sep-14	11-May-15	28-Aug-14 A	11-May-15	0d	$1,118,573	$635,323
Safety , Milling and Storm system		170d		30d	15-Sep-14	23-Apr-15	31-Aug-14 A	23-Apr-15	4d	$133,060	$0
SHT2800	Maintain traffic control and safety plan , coordination with local and all parties	92d	100%	0d	15-Oct-14	16-Feb-15	31-Aug-14 A	01-Jan-15 A		$0	$0
SHT2810	Saw cut asphalt from 8+271 To 9+027	2d	100%	0d	15-Sep-14	16-Sep-14	01-Sep-14 A	06-Sep-14 A		$0	$0
SHT4162	Saw cut asphalt from 7+950 To 8+270	2d	100%	0d	15-Sep-14	16-Sep-14	19-Jan-15 A	25-Jan-15 A		$0	$0
SHT2890	Storm system From St. 7+950 to St. 8+240	30d	0%	30d	18-Mar-15	23-Apr-15	19-Mar-15	23-Apr-15	4d	$133,060	$0
Pipe Installation		100d		0d	17-Sep-14	31-Jan-15	01-Sep-14 A	25-Jan-15 A		$606,595	$606,595
760 mm main pipeline and 150mm dist.pipeline- 7+950 to St. 8+271		11d		0d	19-Jan-15	31-Jan-15	19-Jan-15 A	25-Jan-15 A		$169,136	$169,136
SHT4132	Trench excavation for 760 mm main pipeline and 150mm dist.pipeline 7+950 to 8+271 (321 LM)	11d	100%	0d	19-Jan-15	31-Jan-15	19-Jan-15 A	25-Jan-15 A		$8,988	$8,988
SHT4142	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	11d	100%	0d	19-Jan-15	31-Jan-15	19-Jan-15 A	25-Jan-15 A		$150,197	$150,197
SHT4152	Backfill the pipe trench with approved materials to the required level including base course	11d	100%	0d	19-Jan-15	31-Jan-15	19-Jan-15 A	25-Jan-15 A		$9,951	$9,951
760 mm main pipeline and 150mm dist.pipeline		17d		0d	24-Sep-14	18-Oct-14	06-Sep-14 A	20-Jan-15 A		$359,228	$359,228
SHT2860	Trench excavation for 760 mm main pipeline and 150mm dist.pipeline 8+271 TO 8+880 (633 LM)	17d	100%	0d	24-Sep-14	18-Oct-14	06-Sep-14 A	20-Jan-15 A		$17,724	$17,724
SHT2862	Bedding layer & install the all main Steel pipeline including required welding inspection / sectional testing (UT)	17d	100%	0d	24-Sep-14	18-Oct-14	06-Sep-14 A	20-Jan-15 A		$321,881	$321,881
SHT2864	Backfill the pipe trench with approved materials to the required level including base course	17d	100%	0d	24-Sep-14	18-Oct-14	06-Sep-14 A	20-Jan-15 A		$19,623	$19,623
760 mm main pipeline and 300mm dist.pipeline		7d		0d	17-Sep-14	24-Sep-14	01-Sep-14 A	06-Sep-14 A		$78,232	$78,232



Project Baseline Bar | Baseline Milestone | Actual Level of Effort | Level of Effort
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TO.16
Deir Sha'aar Main Pipeline Project

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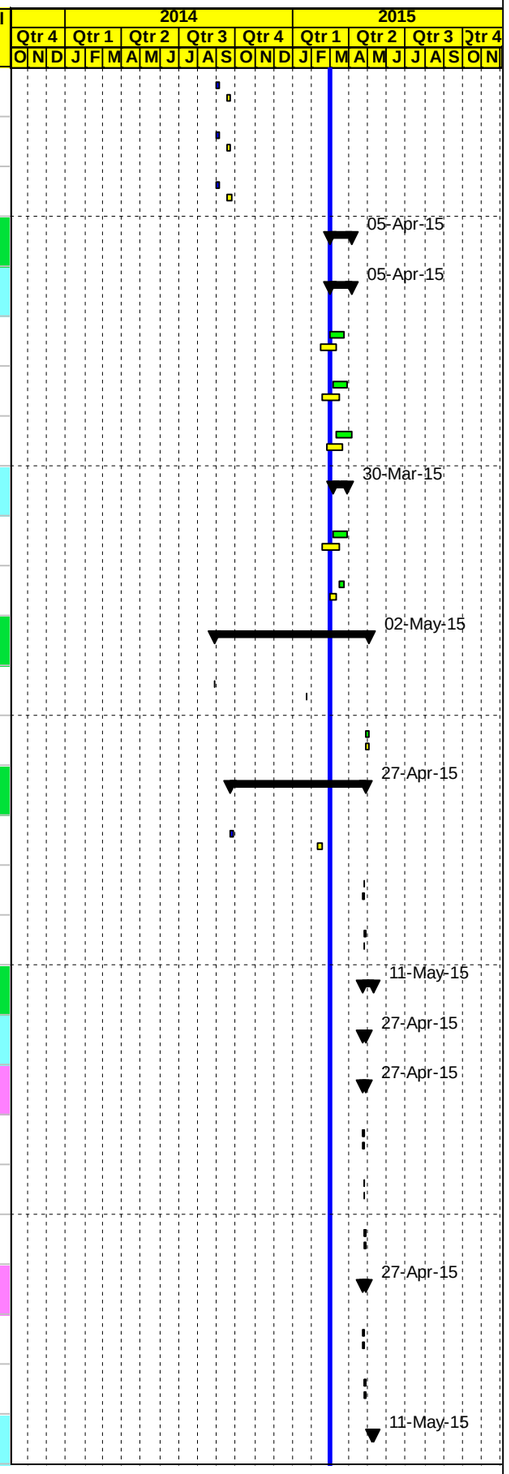
SHT2820	Trench excavation for 760 mm main pipeline and 300mm dist.pipeline from 8+904 TO 9+027 (123 LM)	6d	100%	0d	17-Sep-14	23-Sep-14	01-Sep-14 A	06-Sep-14 A		$4,344	$4,344
SHT2830	Bedding layer & install the all main Steel pipeline including required welding inspection / sectional testing (UT)	6d	100%	0d	17-Sep-14	23-Sep-14	01-Sep-14 A	06-Sep-14 A		$69,200	$69,200
SHT2850	Backfill the pipe trench with approved materials to the required level including base course	6d	100%	0d	18-Sep-14	24-Sep-14	01-Sep-14 A	06-Sep-14 A		$4,688	$4,688
Civil Chamber work		30d		30d	14-Feb-15	22-Mar-15	01-Mar-15	05-Apr-15	19d	$57,320	$0
Main pipeline chambers		30d		30d	14-Feb-15	22-Mar-15	01-Mar-15	05-Apr-15	17d	$54,800	$0
SHT2865	Construct - 150 AR/AV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.8+875	21d	0%	21d	14-Feb-15	11-Mar-15	01-Mar-15	25-Mar-15	17d	$16,000	$0
SHT2870	Construct - Halhul connection chamber (DN 300mm, pipeline Dia 760mm, PN16) @ Sta. 8+889 RHS	21d	0%	21d	18-Feb-15	16-Mar-15	07-Mar-15	30-Mar-15	17d	$33,600	$0
SHT2880	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta. 8+400	21d	0%	21d	24-Feb-15	22-Mar-15	12-Mar-15	05-Apr-15	17d	$5,200	$0
Networks chambers		21d		21d	18-Feb-15	16-Mar-15	07-Mar-15	30-Mar-15	24d	$2,520	$0
SHT2884-new	Construct - Halhul Connection to Halhul existing chamber (DN 150mm, pipeline Dia 150mm, PN16)@St. 8+875	21d	0%	21d	18-Feb-15	16-Mar-15	07-Mar-15	30-Mar-15	24d	$0	$0
SHT2882-new	Construct - ARV Valve chamber (DN 75mm, pipeline Dia150mm, PN16) @ Sta. 8+397	8d	0%	8d	01-Mar-15	11-Mar-15	17-Mar-15	25-Mar-15	28d	$2,520	$0
Testing		99d		3d	24-Jan-15	02-May-15	28-Aug-14 A	02-May-15	3d	$0	$0
SHT2883	Radiographic Testing (RT) Workshop	1d	100%	0d	24-Jan-15	24-Jan-15	28-Aug-14 A	28-Aug-14 A		$0	$0
SHT2885	Pressure Testing	2d	0%	2d	29-Apr-15	02-May-15	29-Apr-15	02-May-15	3d	$0	$0
Asphalt		64d		3d	10-Feb-15	27-Apr-15	24-Sep-14 A	27-Apr-15	4d	$257,478	$28,728
SHT2900	Asphalt Reinstatements over pipe trench including prime coat and 5 cm asphalt wearing layer	5d	100%	0d	10-Feb-15	16-Feb-15	24-Sep-14 A	28-Sep-14 A		$28,728	$28,728
SHT2888	Milling	1d	0%	1d	23-Apr-15	25-Apr-15	25-Apr-15	25-Apr-15	4d	$22,500	$0
SHT4080	5 cm asphalt wearing course including tack coat	2d	0%	2d	25-Apr-15	27-Apr-15	26-Apr-15	27-Apr-15	4d	$206,250	$0
Mechanical Chambers work		15d		15d	23-Apr-15	11-May-15	23-Apr-15	11-May-15	0d	$64,120	$0
Welding flanges		3d		3d	23-Apr-15	27-Apr-15	23-Apr-15	27-Apr-15	1d	$0	$0
Main pipeline chambers		3d		3d	23-Apr-15	27-Apr-15	23-Apr-15	27-Apr-15	1d	$0	$0
SHT-2110-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta. 8+400	1d	0%	1d	23-Apr-15	25-Apr-15	23-Apr-15	25-Apr-15	1d	$0	$0
SHT-2120-MECH	Welding flanges for 150 AR/AV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.8+875	1d	0%	1d	25-Apr-15	26-Apr-15	25-Apr-15	26-Apr-15	1d	$0	$0
SHT-2130-MECH	Welding flanges for Halhul connection chamber (DN 300mm, pipeline Dia 760mm, PN16) @ Sta. 8+889 RHS	1d	0%	1d	26-Apr-15	27-Apr-15	26-Apr-15	27-Apr-15	1d	$0	$0
Networks chambers		3d		3d	23-Apr-15	27-Apr-15	23-Apr-15	27-Apr-15	1d	$0	$0
SHT-2140-MECH	Welding flanges for ARV Valve chamber (DN 75mm, pipeline Dia150mm, PN16) @ Sta. 8+397	1d	0%	1d	23-Apr-15	25-Apr-15	23-Apr-15	25-Apr-15	2d	$0	$0
SHT-2150-MECH	Welding flanges for Halhul Connection to Halhul existing chamber (DN 150mm, pipeline Dia 150mm, PN16)@St. 8+875	1d	0%	1d	26-Apr-15	27-Apr-15	26-Apr-15	27-Apr-15	1d	$0	$0
Mechanical fittings installation		3d		3d	07-May-15	11-May-15	07-May-15	11-May-15	0d	$64,120	$0



Project Baseline Bar | Baseline Milestone | Actual Level of Effort | Level of Effort
Level of effort Baseline | Actual Work | Early Bar | Summary
Milestone Early Bar | Milestone Actual | Critical Bar

Date	Revision	Checked	Approved
04-Mar-15			

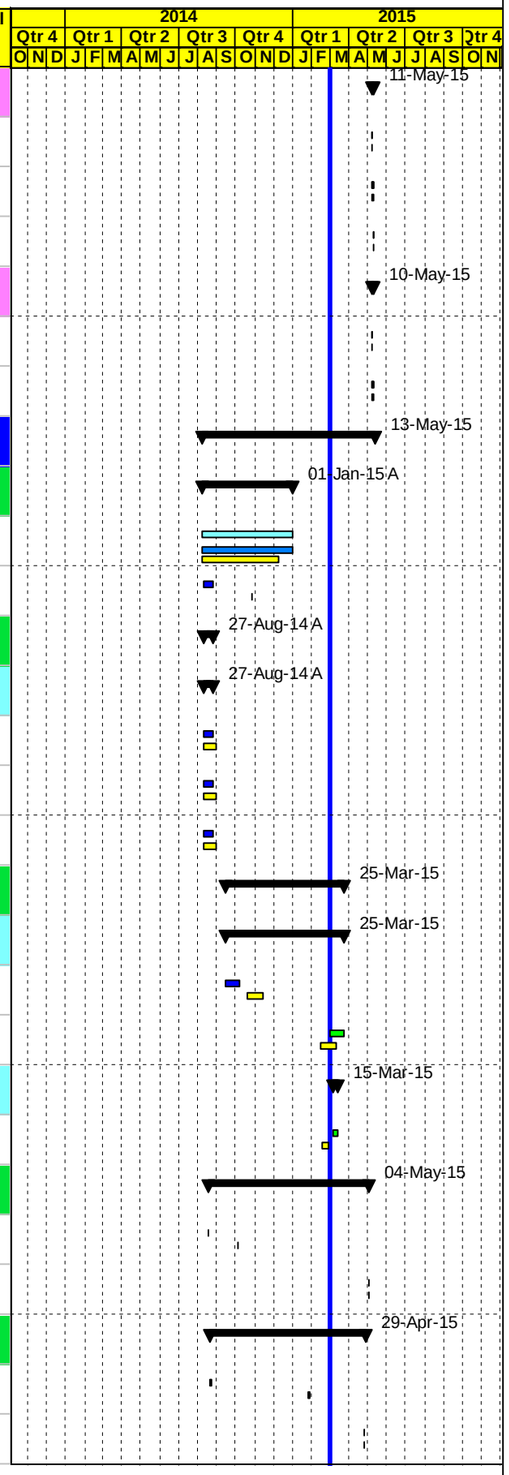
APCO/ArCon CONSTRUCTION AND SERVICES

Updated Construction Program

February 28, 2015

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	BL2 Start	BL2 Finish	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost
Main pipeline chambers		3d		3d	07-May-15	11-May-15	07-May-15	11-May-15	0d	$54,800	$0
SHT-2160-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta. 8+400	1d	0%	1d	07-May-15	09-May-15	07-May-15	09-May-15	0d	$5,200	$0
SHT-2170-MECH	Fittings installation for 150 AR/AV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.8+875	1d	0%	1d	09-May-15	10-May-15	09-May-15	10-May-15	0d	$16,000	$0
SHT-2180-MECH	Fittings installation for Halhul connection chamber (DN 300mm, pipeline Dia 760mm, PN16) @ Sta. 8+889 RHS	1d	0%	1d	10-May-15	11-May-15	10-May-15	11-May-15	0d	$33,600	$0
Networks chambers		2d		2d	07-May-15	10-May-15	07-May-15	10-May-15	1d	$9,320	$0
SHT-2190-MECH	Fittings installation for ARV Valve chamber (DN 75mm, pipeline Dia150mm, PN16) @ Sta. 8+397	1d	0%	1d	07-May-15	09-May-15	07-May-15	09-May-15	1d	$2,520	$0
SHT-2200-MECH	Fittings installation for Halhul Connection to Halhul existing chamber (DN 150mm, pipeline Dia 150mm, PN16)@St. 8+875	1d	0%	1d	09-May-15	10-May-15	09-May-15	10-May-15	1d	$6,800	$0
Phase #5 Main pipelines&(Milling & overlay 11-13m width Exist road) St. 9+027 to 9+418		278d		74d	09-Aug-14	13-May-15	09-Aug-14 A	13-May-15	0d	$366,839	$216,399
Safety and Milling		96d		0d	09-Aug-14	08-Dec-14	09-Aug-14 A	01-Jan-15 A		$0	$0
SHT2700	Maintain traffic control & safety plan to include local access to residance ,all corrdination & relocate utilities	96d	100%	0d	09-Aug-14	08-Dec-14	09-Aug-14 A	01-Jan-15 A		$0	$0
SHT2710	saw cut asphalt	2d	100%	0d	27-Oct-14	28-Oct-14	10-Aug-14 A	27-Aug-14 A		$0	$0
Pipe Installation		16d		0d	12-Aug-14	30-Aug-14	10-Aug-14 A	27-Aug-14 A		$193,741	$193,741
760 mm main pipeline & 200mm dist.pipeline		16d		0d	12-Aug-14	30-Aug-14	10-Aug-14 A	27-Aug-14 A		$193,741	$193,741
SHT2750	Trench excavation for 760 mm main pipeline & 200mm dist.pipeline from 9+027 TO 9+418 (391 LM)	16d	100%	0d	12-Aug-14	30-Aug-14	10-Aug-14 A	27-Aug-14 A		$10,948	$10,948
SHT2753	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	16d	100%	0d	12-Aug-14	30-Aug-14	10-Aug-14 A	27-Aug-14 A		$170,672	$170,672
SHT2755	Backfill the pipe trench with approved materials to the required level	16d	100%	0d	12-Aug-14	30-Aug-14	10-Aug-14 A	27-Aug-14 A		$12,121	$12,121
Civil Chamber work		121d		21d	20-Oct-14	11-Mar-15	15-Sep-14 A	25-Mar-15	34d	$18,120	$7,800
Main pipeline chambers		121d		21d	20-Oct-14	11-Mar-15	15-Sep-14 A	25-Mar-15	29d	$15,600	$7,800
SHT2770	Construct - Halhul distribution connection chamber (Kharas junction)-(DN200mm, pipeline Dia300mm,PN16) @ Sta.9+052 RHS	21d	100%	0d	20-Oct-14	13-Nov-14	15-Sep-14 A	08-Oct-14 A		$7,800	$7,800
SHT2760	Construct - ARV Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.9+210	21d	0%	21d	14-Feb-15	11-Mar-15	01-Mar-15	25-Mar-15	29d	$7,800	$0
Networks chambers		8d		8d	18-Feb-15	28-Feb-15	07-Mar-15	15-Mar-15	43d	$2,520	$0
SHT2785-new	Construct - ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.9+180	8d	0%	8d	18-Feb-15	28-Feb-15	07-Mar-15	15-Mar-15	43d	$2,520	$0
Testing		213d		2d	04-Oct-14	04-May-15	18-Aug-14 A	04-May-15	3d	$0	$0
SHT2772	Radiographic Testing (RT) Workshop	1d	100%	0d	04-Oct-14	04-Oct-14	18-Aug-14 A	18-Aug-14 A		$0	$0
SHT2775	Pressure Testing	2d	0%	2d	02-May-15	04-May-15	02-May-15	04-May-15	3d	$0	$0
Basecourse and Asphalt		79d		4d	25-Jan-15	29-Apr-15	20-Aug-14 A	29-Apr-15	12d	$136,858	$14,858
SHT2780	Asphalt Reinstatement over pipe trench including prime coat	2d	100%	0d	25-Jan-15	27-Jan-15	20-Aug-14 A	25-Aug-14 A		$14,858	$14,858
SHT2777	Milling	1d	0%	1d	25-Apr-15	26-Apr-15	26-Apr-15	26-Apr-15	13d	$12,000	$0



Project Baseline Bar
Level of effort Baseline
Milestone Early Bar
Baseline Milestone
Actual Work
Milestone Actual
Actual Level of Effort
Early Bar
Critical Bar
Level of Effort
Summary

Date	Revision	Checked	Approved
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APCO/ArCon CONSTRUCTION AND SERVICES

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February 28, 2015

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Deir Sha'aar Main Pipeline Project

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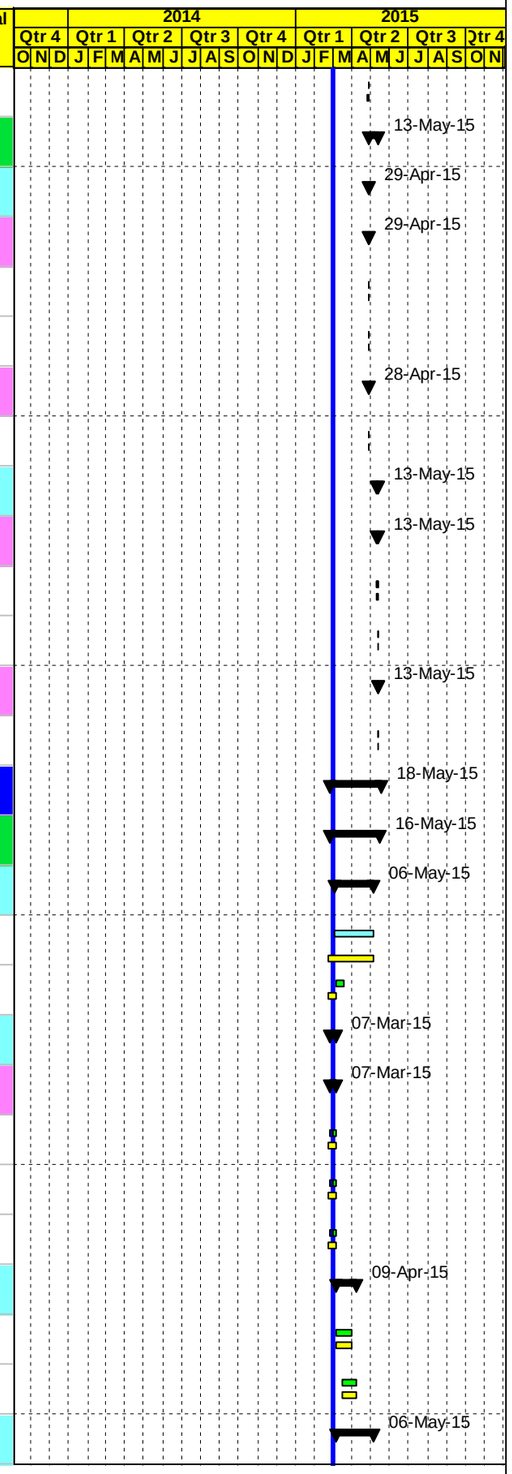
SHT2790	5 cm asphalt wearing course including tack coat	2d	0%	2d	27-Apr-15	29-Apr-15	28-Apr-15	29-Apr-15	12d	$110,000	$0
Mechanical Chambers work		14d		14d	27-Apr-15	13-May-15	27-Apr-15	13-May-15	0d	$18,120	$0
Welding flanges		2d		2d	27-Apr-15	29-Apr-15	27-Apr-15	29-Apr-15	5d	$0	$0
Main pipeline chambers		2d		2d	27-Apr-15	29-Apr-15	27-Apr-15	29-Apr-15	1d	$0	$0
SHT-2210-MECH	Welding flanges Halhul distribution connection chamber (Kharas)-(DN200mm, pipeline Dia300mm,PN16) @ Sta.9+052	1d	0%	1d	27-Apr-15	28-Apr-15	27-Apr-15	28-Apr-15	1d	$0	$0
SHT-2220-MECH	Welding flanges for ARV Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.9+210	1d	0%	1d	28-Apr-15	29-Apr-15	28-Apr-15	29-Apr-15	1d	$0	$0
Networks chambers		1d		1d	27-Apr-15	28-Apr-15	27-Apr-15	28-Apr-15	6d	$0	$0
SHT-2230-MECH	Welding flanges for ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.9+180	1d	0%	1d	27-Apr-15	28-Apr-15	27-Apr-15	28-Apr-15	6d	$0	$0
Mechanical fittings installation		2d		2d	11-May-15	13-May-15	11-May-15	13-May-15	0d	$18,120	$0
Main pipeline chambers		2d		2d	11-May-15	13-May-15	11-May-15	13-May-15	0d	$15,600	$0
SHT-2240-MECH	Fittings installation for Halhul distribution connection chamber (Kharas)-(DN200mm, pipeline Dia300mm,PN16) @ Sta.9+052	1d	0%	1d	11-May-15	12-May-15	11-May-15	12-May-15	0d	$7,800	$0
SHT-2250-MECH	Fittings installation for ARV Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.9+210	1d	0%	1d	12-May-15	13-May-15	12-May-15	13-May-15	0d	$7,800	$0
Networks chambers		1d		1d	12-May-15	13-May-15	12-May-15	13-May-15	0d	$2,520	$0
SHT-2260-MECH	Fittings installation for ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.9+180	1d	0%	1d	12-May-15	13-May-15	12-May-15	13-May-15	0d	$2,520	$0
Phase #6 Main pipelines, Network & Road Works St.9+418 to 11+000		86d		79d	03-Feb-15	18-May-15	25-Feb-15 A	18-May-15	21d	$1,088,118	$131,093
Main pipelines&(Rehabilitation Exist road at residential area)St.9+418 to 9+880		84d		77d	21-Feb-15	16-May-15	25-Feb-15 A	16-May-15	23d	$349,487	$131,093
Safety and Excavation Works		52d		52d	21-Feb-15	06-May-15	04-Mar-15	06-May-15	28d	$18,778	$0
SHT4000	Maintain traffic control & safety plan to include local access to residance ,all corrdination & relocate utilities	52d	0%	52d	21-Feb-15	06-May-15	04-Mar-15	06-May-15	3d	$0	$0
SHT4010	Remove exist asphalt , Road excavation and backfilling to the required subgrade level and milling	10d	0%	10d	22-Feb-15	07-Mar-15	07-Mar-15	18-Mar-15	69d	$18,778	$0
Pipe Installation		10d		5d	22-Feb-15	07-Mar-15	25-Feb-15 A	07-Mar-15	5d	$262,185	$131,093
760 mm main pipeline & dist.pipe150 mm		10d		5d	22-Feb-15	07-Mar-15	25-Feb-15 A	07-Mar-15	5d	$262,185	$131,093
SHT2720	Trench excavation for 760 mm main pipeline & dist.pipe150 mm from 9+418 to 9+880 (462 LM)	10d	50%	5d	22-Feb-15	07-Mar-15	25-Feb-15 A	07-Mar-15	5d	$12,936	$6,468
SHT2730	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	10d	50%	5d	22-Feb-15	07-Mar-15	25-Feb-15 A	07-Mar-15	4d	$234,927	$117,464
SHT2740	Backfill the pipe trench with approved materials to the required level	10d	50%	5d	22-Feb-15	07-Mar-15	25-Feb-15 A	07-Mar-15	5d	$14,322	$7,161
Chamber work		29d		29d	07-Mar-15	09-Apr-15	08-Mar-15	09-Apr-15	24d	$5,200	$0
SHT2760-new	Construct - AR/AV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.9+680	21d	0%	21d	07-Mar-15	31-Mar-15	08-Mar-15	31-Mar-15	24d	$5,200	$0
SHT2770-new	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.9+600	21d	0%	21d	16-Mar-15	09-Apr-15	17-Mar-15	09-Apr-15	24d	$0	$0
Testing		61d		61d	28-Feb-15	06-May-15	07-Mar-15	06-May-15	4d	$0	$0



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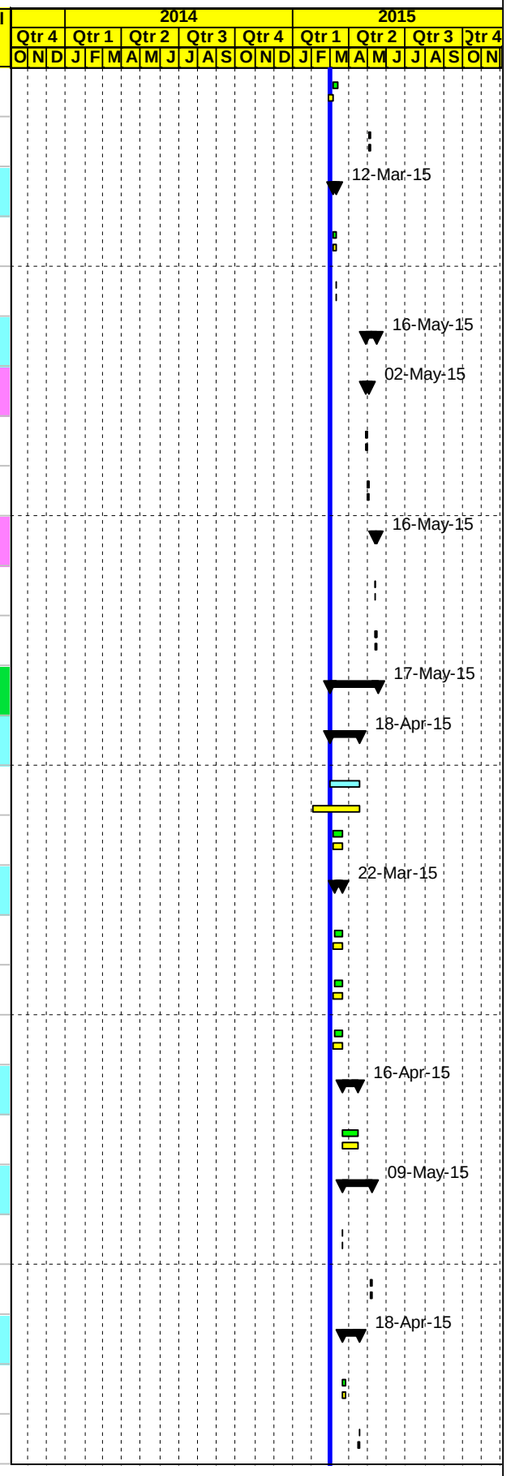
SHT4050	Radiographic Testing (RT)	1d	0%	1d	28-Feb-15	07-Mar-15	07-Mar-15	14-Mar-15	8d	$0	$0
SHT4060	Pressure Testing	2d	0%	2d	04-May-15	06-May-15	04-May-15	06-May-15	3d	$0	$0
Base course and Asphalt		5d		5d	07-Mar-15	12-Mar-15	08-Mar-15	12-Mar-15	49d	$58,124	$0
SHT4020	Finish Sub grade & leveling base course layer (Rehabilitation of existing basecourse)	4d	0%	4d	07-Mar-15	11-Mar-15	08-Mar-15	11-Mar-15	49d	$7,250	$0
SHT4030	5 cm asphalt wearing couse including prime coat	1d	0%	1d	11-Mar-15	12-Mar-15	12-Mar-15	12-Mar-15	49d	$50,874	$0
Mechanical Chambers work		14d		14d	29-Apr-15	16-May-15	29-Apr-15	16-May-15	0d	$5,200	$0
Welding flanges		2d		2d	29-Apr-15	02-May-15	29-Apr-15	02-May-15	1d	$0	$0
SHT-2270-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.9+600	1d	0%	1d	29-Apr-15	30-Apr-15	29-Apr-15	30-Apr-15	1d	$0	$0
SHT-2280-MECH	Welding flanges for AR/AV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.9+680	1d	0%	1d	30-Apr-15	02-May-15	30-Apr-15	02-May-15	1d	$0	$0
Mechanical fittings installation		2d		2d	13-May-15	16-May-15	13-May-15	16-May-15	0d	$5,200	$0
SHT-2290-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.9+600	1d	0%	1d	13-May-15	14-May-15	13-May-15	14-May-15	0d	$0	$0
SHT-2300-MECH	Fittings installation for AR/AV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.9+680	1d	0%	1d	14-May-15	16-May-15	14-May-15	16-May-15	0d	$5,200	$0
Main pipelines & (Rehabilitation at residential area) St.9+880 to 10+460		76d		76d	03-Feb-15	17-May-15	03-Mar-15	17-May-15	0d	$361,861	$0
Safety and Excavation Works		38d		38d	03-Feb-15	18-Apr-15	03-Mar-15	18-Apr-15	20d	$23,405	$0
SHT2620	Maintain traffic control & safety plan to include local access to residance ,all corrdination & relocate utilities	38d	0%	38d	03-Feb-15	18-Apr-15	03-Mar-15	18-Apr-15	20d	$0	$0
SHT2630	Remove exist asphalt , Road excavation and backfilling to the required subgrade level and milling	12d	0%	12d	07-Mar-15	21-Mar-15	08-Mar-15	21-Mar-15	4d	$23,405	$0
Pipe Installation		12d		12d	08-Mar-15	22-Mar-15	09-Mar-15	22-Mar-15	4d	$287,390	$0
SHT2640	Trench excavation for 760 mm main Pipeline with length approx. (580 LM)	12d	0%	12d	08-Mar-15	22-Mar-15	09-Mar-15	22-Mar-15	4d	$16,240	$0
SHT2650	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	12d	0%	12d	08-Mar-15	22-Mar-15	09-Mar-15	22-Mar-15	4d	$253,170	$0
SHT2660	Backfill the pipe trench with approved materials to the required level	12d	0%	12d	08-Mar-15	22-Mar-15	09-Mar-15	22-Mar-15	4d	$17,980	$0
Chamber work		21d		21d	22-Mar-15	16-Apr-15	23-Mar-15	16-Apr-15	15d	$5,200	$0
SHT2670	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.10+430	21d	0%	21d	22-Mar-15	16-Apr-15	23-Mar-15	16-Apr-15	15d	$5,200	$0
Testing		50d		50d	21-Mar-15	09-May-15	21-Mar-15	09-May-15	3d	$0	$0
SHT2673	Radiographic Testing (RT)	1d	0%	1d	21-Mar-15	21-Mar-15	21-Mar-15	21-Mar-15	7d	$0	$0
SHT2675	Pressure Testing	2d	0%	2d	06-May-15	09-May-15	06-May-15	09-May-15	3d	$0	$0
Base course and Asphalt		22d		22d	22-Mar-15	18-Apr-15	23-Mar-15	18-Apr-15	20d	$40,666	$0
SHT2680	Finish Sub grade & leveling base course layer (Rehabilitation of existing basecourse)	4d	0%	4d	22-Mar-15	26-Mar-15	23-Mar-15	26-Mar-15	37d	$8,650	$0
SHT2690	5 cm asphalt wearing couse including prime coat	1d	0%	1d	16-Apr-15	18-Apr-15	18-Apr-15	18-Apr-15	20d	$32,016	$0



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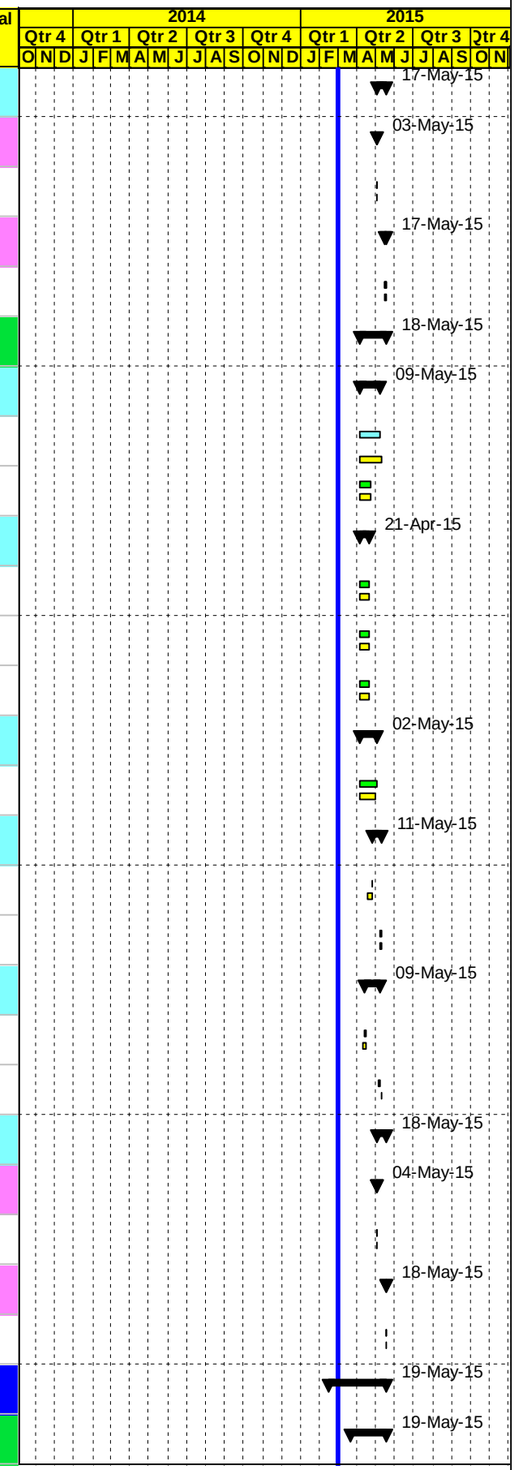
Mechanical Chambers work		13d		13d	02-May-15	17-May-15	02-May-15	17-May-15	0d	$5,200	$0
Welding flanges		1d		1d	02-May-15	03-May-15	02-May-15	03-May-15	1d	$0	$0
SHT-2310-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.10+430	1d	0%	1d	02-May-15	03-May-15	02-May-15	03-May-15	1d	$0	$0
Mechanical fittings installation		1d		1d	16-May-15	17-May-15	16-May-15	17-May-15	0d	$5,200	$0
SHT-2320-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.10+430	1d	0%	1d	16-May-15	17-May-15	16-May-15	17-May-15	0d	$5,200	$0
Main pipelines & (Rehabilitation Exist road) St. 10+460 to 11+000		43d		43d	05-Apr-15	18-May-15	06-Apr-15	18-May-15	0d	$376,770	$0
Safety , Excavation Works ,Pipe Culvert and concrete wall		28d		28d	05-Apr-15	12-May-15	06-Apr-15	09-May-15	4d	$22,117	$0
SHT2510	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	28d	0%	28d	05-Apr-15	12-May-15	06-Apr-15	09-May-15	4d	$0	$0
SHT2520	Remove exist asphalt , Road excavation and backfilling to the required subgrade level and milling	14d	0%	14d	06-Apr-15	23-Apr-15	07-Apr-15	23-Apr-15	8d	$22,117	$0
Pipe Installation		12d		12d	06-Apr-15	21-Apr-15	07-Apr-15	21-Apr-15	8d	$267,570	$0
SHT2530	Trench excavation for 760 mm main Pipeline with length approx. (540 LM)	12d	0%	12d	06-Apr-15	21-Apr-15	07-Apr-15	21-Apr-15	8d	$15,120	$0
SHT2550	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	12d	0%	12d	06-Apr-15	21-Apr-15	07-Apr-15	21-Apr-15	8d	$235,710	$0
SHT2560	Backfill the pipe trench with approved materials to the required level	12d	0%	12d	06-Apr-15	21-Apr-15	07-Apr-15	21-Apr-15	8d	$16,740	$0
Civil Chamber work		21d		21d	06-Apr-15	02-May-15	07-Apr-15	02-May-15	8d	$24,400	$0
SHT2580	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.10+600	21d	0%	21d	06-Apr-15	02-May-15	07-Apr-15	02-May-15	8d	$24,400	$0
Testing		17d		17d	18-Apr-15	11-May-15	25-Apr-15	11-May-15	3d	$0	$0
SHT2583	Radiographic Testing (RT)	1d	0%	1d	18-Apr-15	25-Apr-15	25-Apr-15	25-Apr-15	2d	$0	$0
SHT2585	Pressure Testing	2d	0%	2d	09-May-15	11-May-15	09-May-15	11-May-15	3d	$0	$0
Base course , Stone Wall and Asphalt		23d		23d	11-Apr-15	12-May-15	13-Apr-15	09-May-15	4d	$38,283	$0
SHT2600	Finish Sub grade & leveling base course layer (Rehabilitation of existing basecourse)	4d	0%	4d	11-Apr-15	16-Apr-15	13-Apr-15	16-Apr-15	15d	$8,475	$0
SHT2610	5 cm asphalt wearing course including prime coat	2d	0%	2d	10-May-15	12-May-15	07-May-15	09-May-15	4d	$29,808	$0
Mechanical Chambers work		13d		13d	03-May-15	18-May-15	03-May-15	18-May-15	0d	$24,400	$0
Welding flanges		1d		1d	03-May-15	04-May-15	03-May-15	04-May-15	1d	$0	$0
SHT-2330-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.10+600	1d	0%	1d	03-May-15	04-May-15	03-May-15	04-May-15	1d	$0	$0
Mechanical fittings installation		1d		1d	17-May-15	18-May-15	17-May-15	18-May-15	0d	$24,400	$0
SHT-2340-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.10+600	1d	0%	1d	17-May-15	18-May-15	17-May-15	18-May-15	0d	$24,400	$0
Phase #7 Main pipelines, Network & Road Works St.11+000 to 12+000		59d		80d	21-Mar-15	19-May-15	16-Feb-15 A	19-May-15	20d	$938,075	$13,600
Main pipelines & (Rehabilitation Exist road) St. 11+000 to 11+500		50d		50d	21-Mar-15	19-May-15	22-Mar-15	19-May-15	0d	$362,950	$0



Project Baseline Bar
Level of effort Baseline
Milestone Early Bar
Baseline Milestone
Actual Work
Milestone Actual
Actual Level of Effort
Early Bar
Critical Bar
Level of Effort
Summary

Date	Revision	Checked	Approved
04-Mar-15			

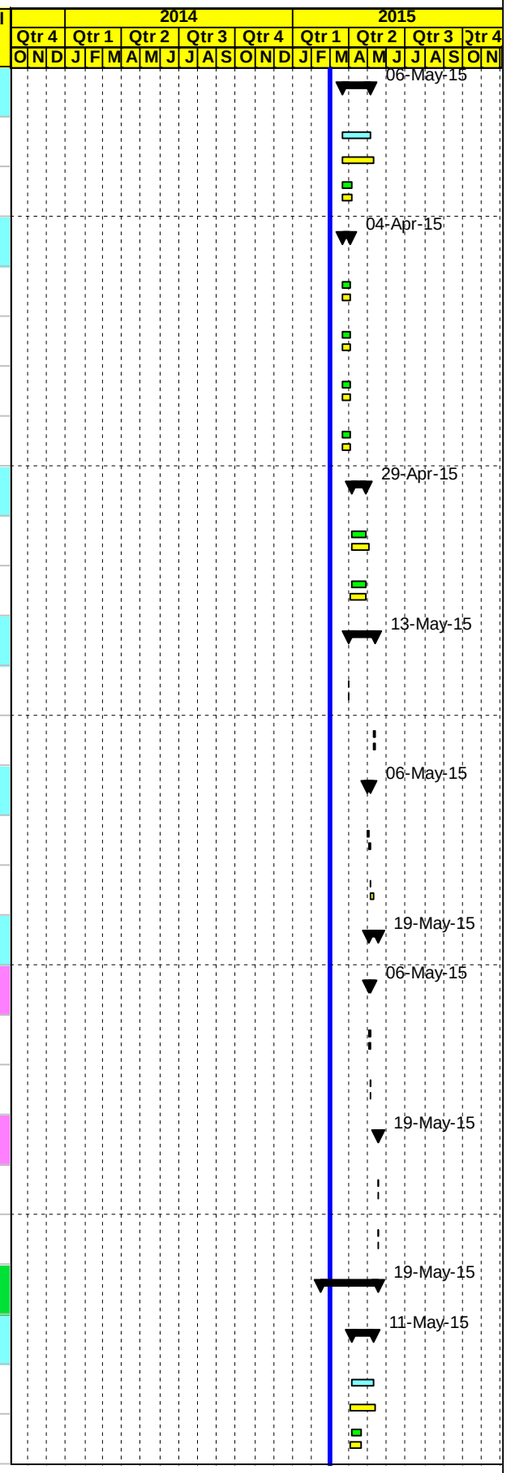
APCO/ArCon CONSTRUCTION AND SERVICES

Updated Construction Program

February 28, 2015

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	BL2 Start	BL2 Finish	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost
Safety and Excavation Works		39d		39d	21-Mar-15	10-May-15	22-Mar-15	06-May-15	4d	$20,800	$0
SHT2410	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	39d	0%	39d	21-Mar-15	10-May-15	22-Mar-15	06-May-15	4d	$0	$0
SHT2420	Remove exist asphalt , Road excavation and backfilling to the required subgrade level and milling	13d	0%	13d	21-Mar-15	05-Apr-15	22-Mar-15	05-Apr-15	5d	$20,800	$0
Pipe Installation		11d		11d	22-Mar-15	04-Apr-15	23-Mar-15	04-Apr-15	4d	$247,750	$0
SHT2430	Trench excavation for 760 mm main Pipeline with length approx. (500 LM)	11d	0%	11d	22-Mar-15	04-Apr-15	23-Mar-15	04-Apr-15	4d	$14,000	$0
SHT2440	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	11d	0%	11d	22-Mar-15	04-Apr-15	23-Mar-15	04-Apr-15	4d	$218,250	$0
SHT2450	Concrete encasement for main pipeline from sta.11+460 to 11+000 length (500 LM)	11d	0%	11d	22-Mar-15	04-Apr-15	23-Mar-15	04-Apr-15	4d	$0	$0
SHT2460	Backfill the pipe trench with approved materials to the required level	11d	0%	11d	22-Mar-15	04-Apr-15	23-Mar-15	04-Apr-15	4d	$15,500	$0
Civil Chamber work		21d		21d	04-Apr-15	03-May-15	05-Apr-15	29-Apr-15	5d	$29,600	$0
SHT2480	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.11+210	21d	0%	21d	07-Apr-15	03-May-15	05-Apr-15	29-Apr-15	4d	$5,200	$0
SHT2570	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.11+390	21d	0%	21d	04-Apr-15	29-Apr-15	05-Apr-15	29-Apr-15	5d	$24,400	$0
Testing		36d		36d	31-Mar-15	13-May-15	01-Apr-15	13-May-15	3d	$0	$0
SHT2482	Radiographic Testing (RT)	1d	0%	1d	31-Mar-15	01-Apr-15	01-Apr-15	01-Apr-15	6d	$0	$0
SHT2485	Pressure Testing	2d	0%	2d	11-May-15	13-May-15	11-May-15	13-May-15	3d	$0	$0
Base course , Stone Wall and Asphalt		6d		6d	03-May-15	10-May-15	30-Apr-15	06-May-15	4d	$35,200	$0
SHT2490	Finish Sub grade & leveling base course layer (Rehabilitation of existing basecourse)	4d	0%	4d	03-May-15	07-May-15	30-Apr-15	04-May-15	4d	$7,600	$0
SHT2500	5 cm asphalt wearing course including prime coat	2d	0%	2d	07-May-15	10-May-15	05-May-15	06-May-15	4d	$27,600	$0
Mechanical Chambers work		13d		13d	04-May-15	19-May-15	04-May-15	19-May-15	0d	$29,600	$0
Welding flanges		2d		2d	04-May-15	06-May-15	04-May-15	06-May-15	1d	$0	$0
SHT-2350-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.11+210	1d	0%	1d	04-May-15	05-May-15	04-May-15	05-May-15	1d	$0	$0
SHT-2360-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.11+390	1d	0%	1d	05-May-15	06-May-15	05-May-15	06-May-15	1d	$0	$0
Mechanical fittings installation		2d		2d	17-May-15	19-May-15	17-May-15	19-May-15	0d	$29,600	$0
SHT-2370-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.11+210	1d	0%	1d	17-May-15	18-May-15	17-May-15	18-May-15	0d	$5,200	$0
SHT-2380-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.11+390	1d	0%	1d	18-May-15	19-May-15	18-May-15	19-May-15	0d	$24,400	$0
Main pipelines & (Rehabilitation Exist road) St. 11+500 to 12+000		45d		80d	04-Apr-15	19-May-15	16-Feb-15 A	19-May-15	20d	$575,125	$13,600
Safety and Excavation Works		31d		31d	04-Apr-15	14-May-15	05-Apr-15	11-May-15	24d	$20,000	$0
SHT3950	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	31d	0%	31d	04-Apr-15	14-May-15	05-Apr-15	11-May-15	10d	$0	$0
SHT3960	Remove exist asphalt , Road excavation and backfilling to the required subgrade level and milling	14d	0%	14d	04-Apr-15	21-Apr-15	05-Apr-15	21-Apr-15	41d	$20,000	$0



Project Baseline Bar
Level of effort Baseline
Milestone Early Bar
Baseline Milestone
Actual Work
Milestone Actual
Actual Level of Effort
Early Bar
Critical Bar
Level of Effort
Summary

Date	Revision	Checked	Approved
04-Mar-15			

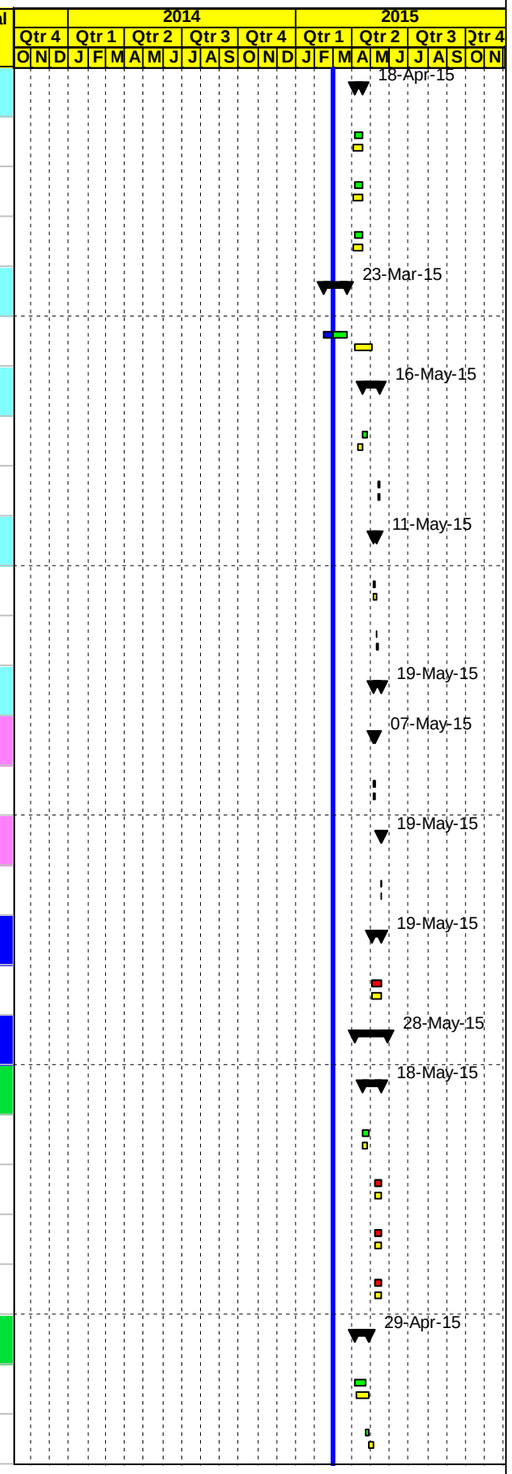
APCO ArCon CONSTRUCTION AND SERVICES

Updated Construction Program

February 28, 2015

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	BL2 Start	BL2 Finish	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost
Pipe Installation		11d		11d	04-Apr-15	18-Apr-15	05-Apr-15	18-Apr-15	44d	$247,750	$0
SHT3850	Trench excavation for 760 mm main Pipeline with length approx. (500 LM)	11d	0%	11d	04-Apr-15	18-Apr-15	05-Apr-15	18-Apr-15	10d	$14,000	$0
SHT3860	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	11d	0%	11d	04-Apr-15	18-Apr-15	05-Apr-15	18-Apr-15	10d	$218,250	$0
SHT3870	Backfill the pipe trench with approved materials to the required level	11d	0%	11d	04-Apr-15	18-Apr-15	05-Apr-15	18-Apr-15	44d	$15,500	$0
Civil Chamber work		21d		19d	07-Apr-15	03-May-15	16-Feb-15 A	23-Mar-15	33d	$136,000	$13,600
SHT2470	Construct - Halhul reservoir connection chamber (DN 500mm, pipeline Dia 760mm, PN16) @ Sta.11+900	21d	10%	19d	07-Apr-15	03-May-15	16-Feb-15 A	23-Mar-15	33d	$136,000	$13,600
Testing		29d		29d	11-Apr-15	16-May-15	18-Apr-15	16-May-15	3d	$0	$0
SHT3980	Radiographic Testing (RT)	1d	0%	1d	11-Apr-15	18-Apr-15	18-Apr-15	25-Apr-15	4d	$0	$0
SHT3990	Pressure Testing	2d	0%	2d	13-May-15	16-May-15	13-May-15	16-May-15	3d	$0	$0
Base course , Stone Wall and Asphalt		6d		6d	07-May-15	14-May-15	05-May-15	11-May-15	10d	$35,375	$0
SHT3970	Finish Sub grade & leveling base course layer (Rehabilitation of existing basecourse)	4d	0%	4d	07-May-15	12-May-15	05-May-15	09-May-15	10d	$7,775	$0
SHT4070	5 cm asphalt wearing course including prime coat	2d	0%	2d	12-May-15	14-May-15	10-May-15	11-May-15	10d	$27,600	$0
Mechanical Chambers work		11d		11d	06-May-15	19-May-15	06-May-15	19-May-15	0d	$136,000	$0
Welding flanges		1d		1d	06-May-15	07-May-15	06-May-15	07-May-15	1d	$0	$0
SHT-2390-MECH	Welding flanges for Halhul reservoir connection chamber (DN 500mm, pipeline Dia 760mm, PN16) @ Sta.11+900	1d	0%	1d	06-May-15	07-May-15	06-May-15	07-May-15	1d	$0	$0
Mechanical fittings installation		1d		1d	18-May-15	19-May-15	18-May-15	19-May-15	0d	$136,000	$0
SHT-2400-MECH	Fittings installation for Halhul reservoir connection chamber (DN 500mm, pipeline Dia 760mm, PN16) @ Sta.11+900	1d	0%	1d	18-May-15	19-May-15	18-May-15	19-May-15	0d	$136,000	$0
Surge Control System final connection to the booster station		14d		14d	03-May-15	19-May-15	03-May-15	19-May-15	0d	$181,240	$0
SHT3455	Bladder Surge System	14d	0%	14d	03-May-15	19-May-15	03-May-15	19-May-15	0d	$181,240	$0
Final Mechanical connection for main pipeline & distribution net work		46d		46d	09-Apr-15	28-May-15	05-Apr-15	28-May-15	0d	$323,737	$0
Mechanical		26d		26d	18-Apr-15	18-May-15	19-Apr-15	18-May-15	1d	$165,072	$0
SHT3485	pipeline marking	8d	0%	8d	18-Apr-15	27-Apr-15	19-Apr-15	27-Apr-15	10d	$21,272	$0
SHT3501	Connection new pipe to existing pipes	9d	0%	9d	07-May-15	18-May-15	07-May-15	18-May-15	1d	$31,120	$0
SHT3500	Water meter connection chambers and flow water	9d	0%	9d	07-May-15	18-May-15	07-May-15	18-May-15	1d	$70,480	$0
SHT3495	Electro Mech. Work for Halhul Reservoir Site	8d	0%	8d	07-May-15	17-May-15	07-May-15	17-May-15	1d	$42,200	$0
Cathode protection		21d		21d	09-Apr-15	05-May-15	05-Apr-15	29-Apr-15	25d	$111,955	$0
SHT-2420-MECH	Installation Cathode protection	15d	0%	15d	09-Apr-15	28-Apr-15	05-Apr-15	22-Apr-15	25d	$111,955	$0
SHT-2430-MECH	Testing	6d	0%	6d	28-Apr-15	05-May-15	23-Apr-15	29-Apr-15	25d	$0	$0



Project Baseline Bar | Baseline Milestone | Actual Level of Effort | Level of Effort
Level of effort Baseline | Actual Work | Early Bar | Summary
Milestone Early Bar | Milestone Actual | Critical Bar

Date	Revision	Checked	Approved
04-Mar-15			

APCO/ArCon CONSTRUCTION AND SERVICES

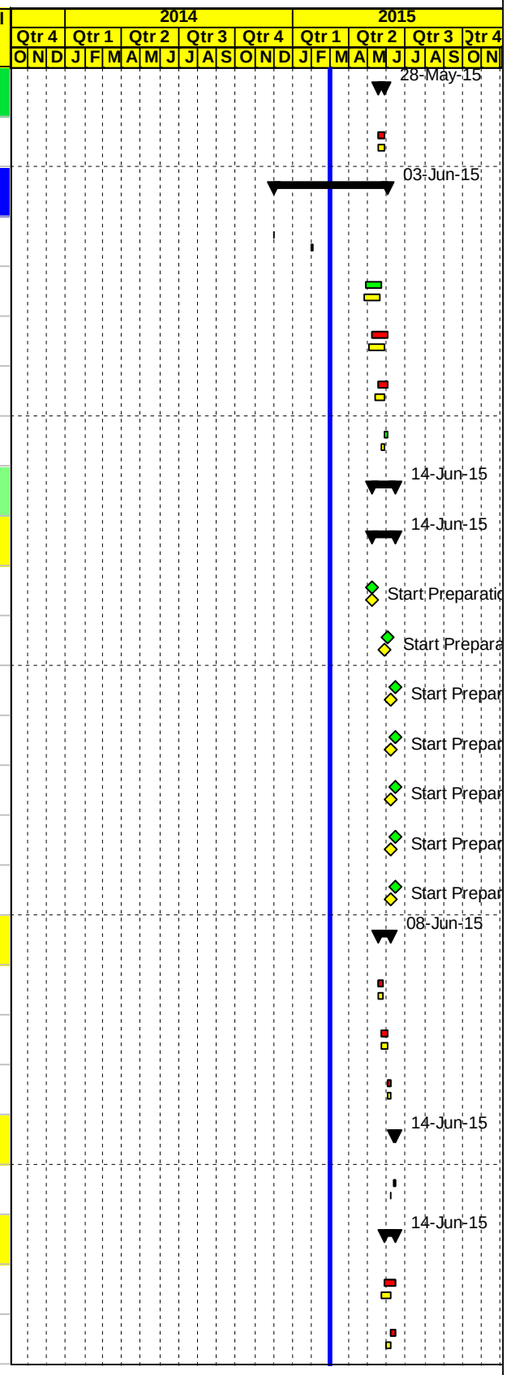
Updated Construction Program

February 28, 2015

TO.16

Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Remaining Duration	BL2 Start	BL2 Finish	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost
Final Disinfection		8d		8d	19-May-15	28-May-15	19-May-15	28-May-15	0d	$46,710	$0
SHT3520	Final Disinfection For main and dist.Pipeline	8d	0%	8d	19-May-15	28-May-15	19-May-15	28-May-15	0d	$46,710	$0
Concrete and Road Finishing work		103d		30d	01-Feb-15	28-May-15	01-Dec-14 A	03-Jun-15	4d	$1,602,121	$7,500
SHT3550	Additional geotechnical investigation for the new pipeline alignment	2d	100%	0d	01-Feb-15	02-Feb-15	01-Dec-14 A	02-Dec-14 A		$7,500	$7,500
SHT3252	Stone Wall	21d	0%	21d	26-Apr-15	20-May-15	29-Apr-15	24-May-15	4d	$135,000	$0
SHT3540	Construct concrete protection and ditch work	21d	0%	21d	04-May-15	28-May-15	07-May-15	01-Jun-15	-3d	$343,879	$0
SHT3560	Guard rail, traffic signs , Road furnishing	13d	0%	13d	13-May-15	28-May-15	19-May-15	03-Jun-15	-5d	$232,110	$0
SHT3570-new	Miscellaneous activities - If any as location is not determined yet	5d	0%	5d	23-May-15	28-May-15	28-May-15	03-Jun-15	4d	$883,633	$0
Post Construction Phase		32d		32d	07-May-15	08-Jun-15	07-May-15	14-Jun-15	-5d	$148,688	$0
Post Construction Submittals		32d		32d	07-May-15	08-Jun-15	07-May-15	14-Jun-15	-5d	$0	$0
SHT3690	Start Preparation Operation and Maintenance Manuals	0d	0%	0d	07-May-15		07-May-15		8d	$0	$0
SHT3620	Start Preparation Warranties (to USAID)	0d	0%	0d	28-May-15		03-Jun-15		4d	$0	$0
SHT3630	Start Preparation Final Acceptance Certificate	0d	0%	0d	08-Jun-15		14-Jun-15		-5d	$0	$0
SHT3640	Start Preparation Release of liens and waiver of debts and claims against the government	0d	0%	0d	08-Jun-15		14-Jun-15		-5d	$0	$0
SHT3650	Start Preparation Final payment	0d	0%	0d	08-Jun-15		14-Jun-15		-5d	$0	$0
SHT3660	Start Preparation Final Report	0d	0%	0d	08-Jun-15		14-Jun-15		-5d	$0	$0
SHT3680	Start Preparation Clearance certificate from local entities/ Authorities involved	0d	0%	0d	08-Jun-15		14-Jun-15		-5d	$0	$0
Start up, Training and commissioning		19d		19d	17-May-15	08-Jun-15	17-May-15	08-Jun-15	0d	$0	$0
SHT3700	Pre commissioning	7d	0%	7d	17-May-15	25-May-15	17-May-15	25-May-15	0d	$0	$0
SHT3790	Commissioning	8d	0%	8d	24-May-15	02-Jun-15	24-May-15	02-Jun-15	0d	$0	$0
SHT3800	Training	5d	0%	5d	02-Jun-15	08-Jun-15	02-Jun-15	08-Jun-15	0d	$0	$0
Demobilization		1d		1d	07-Jun-15	08-Jun-15	13-Jun-15	14-Jun-15	-5d	$148,688	$0
SHT3810	Start Demobilization	1d	0%	1d	07-Jun-15	08-Jun-15	13-Jun-15	14-Jun-15	-5d	$148,688	$0
Post Construction activities		14d		14d	23-May-15	08-Jun-15	28-May-15	14-Jun-15	-5d	$0	$0
SHT3830	Start Preparation As-built drawings	14d	0%	14d	23-May-15	08-Jun-15	28-May-15	14-Jun-15	-5d	$0	$0
SHT3840	Walk through and check Punch list	7d	0%	7d	31-May-15	08-Jun-15	06-Jun-15	14-Jun-15	-5d	$0	$0



Project Baseline Bar
Level of effort Baseline
Milestone Early Bar
Baseline Milestone
Actual Work
Milestone Actual
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Level of Effort
Summary

Date	Revision	Checked	Approved
04-Mar-15			

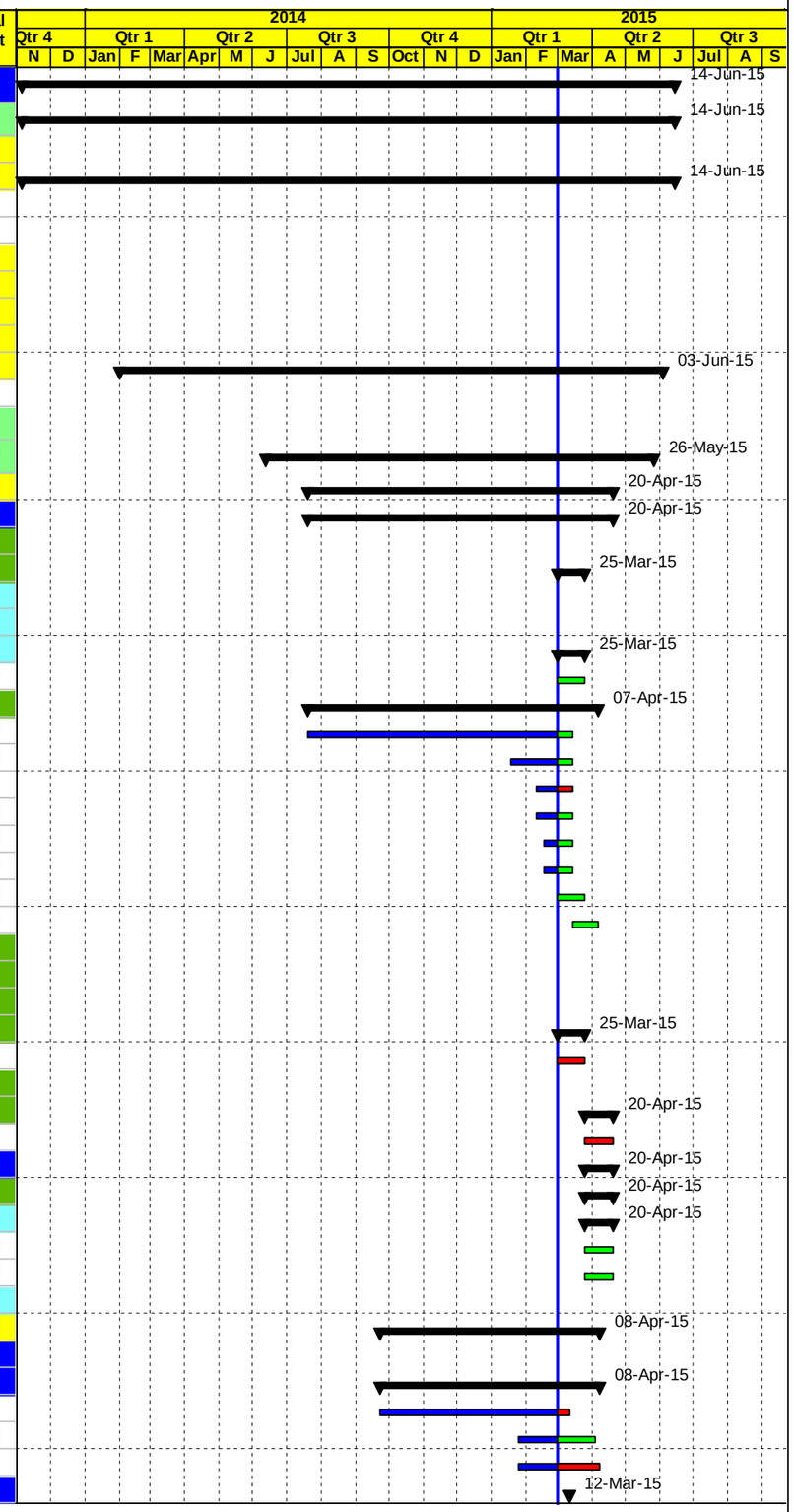
B | One Month Look ahead

APCO/ArCon CONSTRUCTION AND SERVICES

Construction Program
One Month Lookahead

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Deir Sha'aar Main Pipeline Project		553d		06-Nov-13 A	14-Jun-15	-6d
Milestones		553d		06-Nov-13 A	14-Jun-15	-6d
General Milestones		0d				0d
Task order Duration		553d		06-Nov-13 A	14-Jun-15	-6d
SHT0030	Project Duration (Calendar Days)	550d	80.75%	06-Nov-13 A	14-Jun-15	-6d
SHT0040	Project Duration (Working Days)	425d	79.04%	01-Feb-14 A	14-Jun-15	-5d
Pre Construction Milestones		0d				0d
Mobilization Milestones		0d				0d
Shop Drawing Milestones		0d				0d
Material Milestones		0d				0d
Construction Milestones		325d		01-Feb-14 A	03-Jun-15	-5d
SHT1105	Construction Duration (Working Days)	325d	75.4%	01-Feb-14 A	03-Jun-15	-5d
Pre Construction Phase		0d				0d
Construction Phase		278d		12-Jun-14 A	26-May-15	13d
Construction Submittals		262d		20-Jul-14 A	20-Apr-15	49d
Shop Drawing Submittals		262d		20-Jul-14 A	20-Apr-15	49d
Plan Profile and Cross Sections		0d				0d
Pipeline		25d		01-Mar-15	25-Mar-15	62d
Waterline Beit Ummar, Al Arrub-Beit Ummar & Halhul Networks		0d				0d
Waterline from St. 0+000 to 6+000		0d				0d
Waterline from St. 11+460 to 6+000		21d		01-Mar-15	25-Mar-15	52d
SHT0274	Waterline From Sta. 11+610 to Sta.12+010	21d	0%	01-Mar-15	25-Mar-15	52d
Connection and Valves Chambers		205d		20-Jul-14 A	07-Apr-15	53d
SHT0259	Structural and Mechanical detail For wash out Chamber For 30"*10" at St .7+223& Wash out chamb For (	21d	50%	20-Jul-14 A	14-Mar-15	74d
SHT0278	Structural and Mechanical detail for Halhul Main Connection Chamber and Halhul Connection to Existing a	21d	50%	18-Jan-15 A	14-Mar-15	21d
SHT4110	Structural and Mechanical Detail for Zaboud Connection to existing @ Sta. 1+111	21d	50%	11-Feb-15 A	14-Mar-15	1d
SHT0266-new	Structural and Mechanical Detail for Al Nabi Younis Connection to Existing at Sta.0+000	21d	50%	11-Feb-15 A	14-Mar-15	74d
SHT0300	Structural and Mechanical detail for: 6" Indirect ARV at Sta.11+210 and 10" Indirect W.O. at Sta.11+390	21d	50%	17-Feb-15 A	14-Mar-15	28d
SHT0270	Structural and Mechanical Detail for Halhul Reservoir Connection at Sta.11+850	21d	50%	17-Feb-15 A	14-Mar-15	21d
SHT4100	Structural and Mechanical Detail for Hawawer chamber	21d	0%	01-Mar-15	25-Mar-15	13d
SHT0288	Surge Tank Detail for concrete	21d	0%	14-Mar-15	07-Apr-15	21d
Concrete walls		0d				0d
Stone Walls		0d				0d
Pipe Culverts		0d				0d
Concrete curbstone and side walk		21d		01-Mar-15	25-Mar-15	-1d
SHT0349	From St.7+515 to 6+840	21d	0%	01-Mar-15	25-Mar-15	-1d
Mitered Bends Schedule and fabrication		0d				0d
Others		21d		26-Mar-15	20-Apr-15	-1d
SHT0355	Street Lighting	21d	0%	26-Mar-15	20-Apr-15	-1d
Material Submittals		26d		26-Mar-15	20-Apr-15	49d
Submittals including Manufacturers Qualifications , Shop Test, Product Data		26d		26-Mar-15	20-Apr-15	49d
Material Submittal Roads		21d		26-Mar-15	20-Apr-15	42d
SHT0475	Galvanized steel Handrail	21d	0%	26-Mar-15	20-Apr-15	20d
SHT0470	Interlocking Blocks	21d	0%	26-Mar-15	20-Apr-15	42d
Material Submittals Pipelines including Hydraulic calculation and wiring diagrams, labeling schedule		0d				0d
Procurements		172d		23-Sep-14 A	08-Apr-15	27d
Order		0d				0d
Manufacturing		172d		23-Sep-14 A	08-Apr-15	27d
SHT0980	valves and other related materials	100d	90%	23-Sep-14 A	11-Mar-15	0d
SHT1130-new	Cathode protection	70d	50%	26-Jan-15 A	04-Apr-15	30d
SHT1080-new	Bladder Surge System	70d	45%	26-Jan-15 A	08-Apr-15	0d
Delivery		0d		12-Mar-15	12-Mar-15	0d



Actual Work | Early Bar | Critical Bar | Milestone | Summary

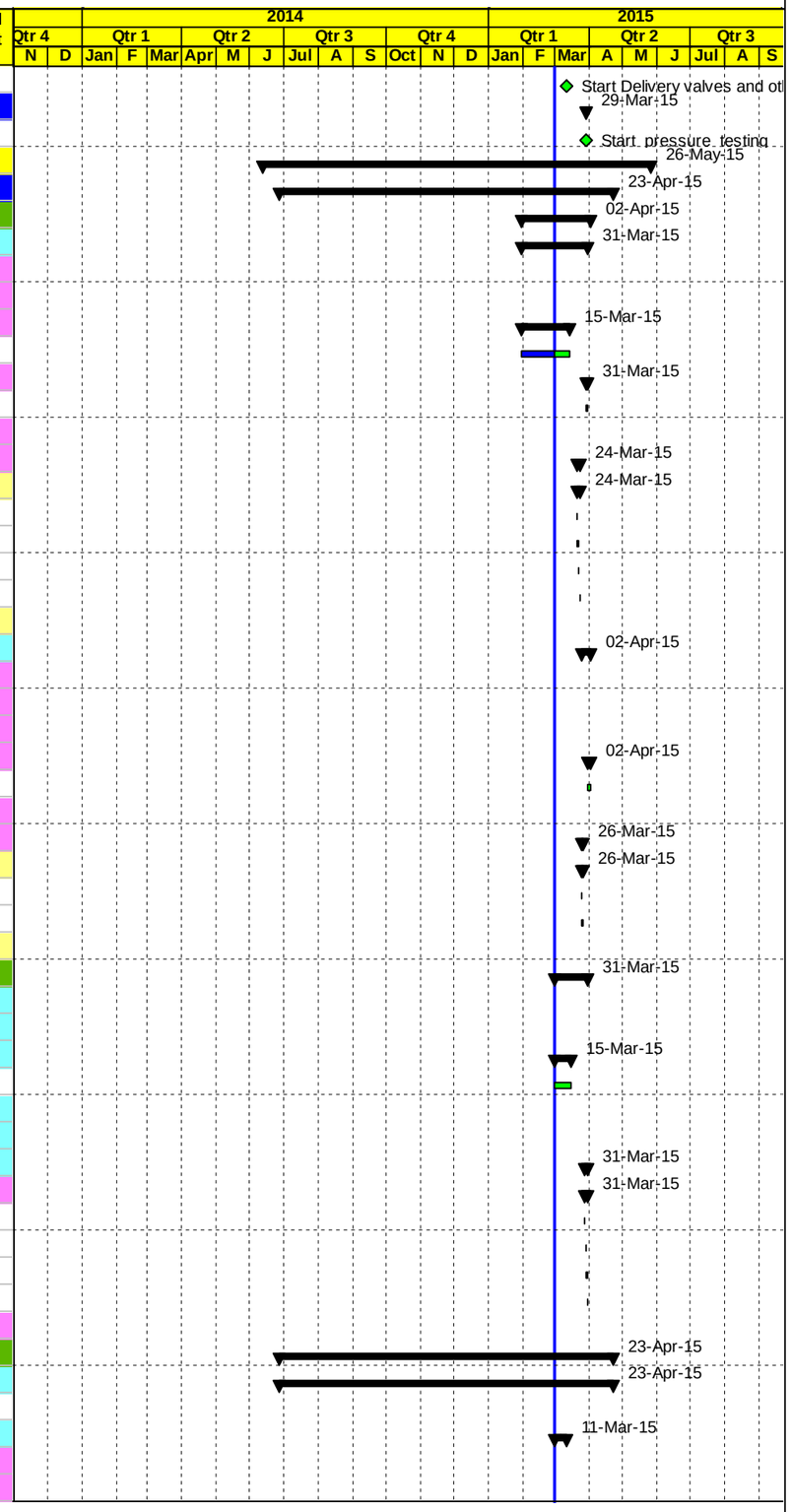
Date	Revision	Checked	Approved
04-Mar-15			

APCO/ArCon CONSTRUCTION AND SERVICES

Construction Program
One Month Lookahead

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT1020	Start Delivery valves and other related materials	0d	0%	12-Mar-15		0d
Testing		0d		29-Mar-15	29-Mar-15	12d
SHT1062-new	Start pressure testing	0d	0%	29-Mar-15		12d
Construction		271d		12-Jun-14 A	26-May-15	13d
Phase #1 Beit Ummar, Al Arrub-Beit Ummar & Halhul Networks		254d		26-Jun-14 A	23-Apr-15	36d
Beit Ummar Water Distribution network		61d		31-Jan-15 A	02-Apr-15	16d
Beit Ummar Water Distribution network From Sta. 0+000 to Sta. 1+200		59d		31-Jan-15 A	31-Mar-15	15d
Safety, saw cut asphalt and milling		0d				0d
Pipe Installation		0d				0d
Civil Chamber work		12d		31-Jan-15 A	15-Mar-15	25d
SHT1400-new	Construct - Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ Sta.0+804	12d	5%	31-Jan-15 A	15-Mar-15	25d
Testing		2d		29-Mar-15	31-Mar-15	12d
SHT1210	Pressure Testing	2d	0%	29-Mar-15	31-Mar-15	12d
Asphalt		0d				0d
Mechanical Chambers work		4d		21-Mar-15	24-Mar-15	6d
Welding flanges		4d		21-Mar-15	24-Mar-15	5d
SHT-1000-MECH	Welding flanges for Gate Valve chamber (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.0+011	1d	0%	21-Mar-15	21-Mar-15	5d
SHT-1010-MECH	Welding flanges for Wash out chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.0+060	1d	0%	22-Mar-15	22-Mar-15	5d
SHT-1020-MECH	Welding flanges for Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ Sta.0+804	1d	0%	23-Mar-15	23-Mar-15	5d
SHT-1030-MECH	Welding flanges for ARV chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.1+092	1d	0%	24-Mar-15	24-Mar-15	5d
Mechanical fittings installation		0d				0d
Beit Ummar Water Distribution network From Sta. 1+200 to Sta. 2+311		9d		25-Mar-15	02-Apr-15	16d
Safety, saw cut asphalt and milling		0d				0d
Pipe Installation		0d				0d
Civil Chamber work		0d				0d
Testing		2d		31-Mar-15	02-Apr-15	12d
SHT1255	Pressure Testing	2d	0%	31-Mar-15	02-Apr-15	12d
Asphalt		0d				0d
Mechanical Chambers work		2d		25-Mar-15	26-Mar-15	6d
Welding flanges		2d		25-Mar-15	26-Mar-15	5d
SHT-1080-MECH	Welding flanges for Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ 1+227	1d	0%	25-Mar-15	25-Mar-15	5d
SHT-1090-MECH	Welding flanges for Connection to existing and Wash out chamber (DN 200&75mm, pipeline Dia 200mm,	1d	0%	26-Mar-15	26-Mar-15	5d
Mechanical fittings installation		0d				0d
Al Arrub-Beit Ummar Water Distribution network From Sta. 0+000 to Sta. 1+086		31d		01-Mar-15	31-Mar-15	18d
Safety, saw cut asphalt and milling		0d				0d
Pipe Installation		0d				0d
Civil Chamber work		12d		01-Mar-15	15-Mar-15	28d
SHT1311-new	Construct - Connection chamber to existing (DN 100mm, pipeline Dia 100mm, PN16)@ Sta.1+214	12d	0%	01-Mar-15	15-Mar-15	28d
Testing		0d				0d
Base course and Asphalt		0d				0d
Mechanical Chambers work		4d		28-Mar-15	31-Mar-15	6d
Welding flanges		4d		28-Mar-15	31-Mar-15	5d
SHT-1120-MECH	Welding flanges for Connection chamber to existing (DN 100mm, pipeline Dia100mm, PN16) @ Sta.0+2(	1d	0%	28-Mar-15	28-Mar-15	5d
SHT-1130-MECH	Welding flanges for Wash out chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.0+537	1d	0%	29-Mar-15	29-Mar-15	5d
SHT-1140-MECH	Welding flanges for Wash out chamber (DN 50mm, pipeline Dia 100mm, PN16) @ Sta. 0+540	1d	0%	30-Mar-15	30-Mar-15	5d
SHT-1150-MECH	Welding flanges for Connection chamber to existing (DN 150mm, pipeline Dia150mm, PN16) @ Sta.0+5(	1d	0%	31-Mar-15	31-Mar-15	5d
Mechanical fittings installation		0d				0d
Halhul Water Distribution Network All Segments		254d		26-Jun-14 A	23-Apr-15	36d
Safety, saw cut asphalt and milling		104d		26-Jun-14 A	23-Apr-15	1d
SHT1320	Maintain traffic control and safety plan ,coordination with local and all parties	104d	90%	26-Jun-14 A	23-Apr-15	1d
Pipe Installation		11d		01-Mar-15	11-Mar-15	3d
Zaboud-Halhul		0d				0d
Shahera-Halhul		0d				0d



Actual Work | Early Bar | Critical Bar | Milestone | Summary

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APCO/ArCon CONSTRUCTION AND SERVICES

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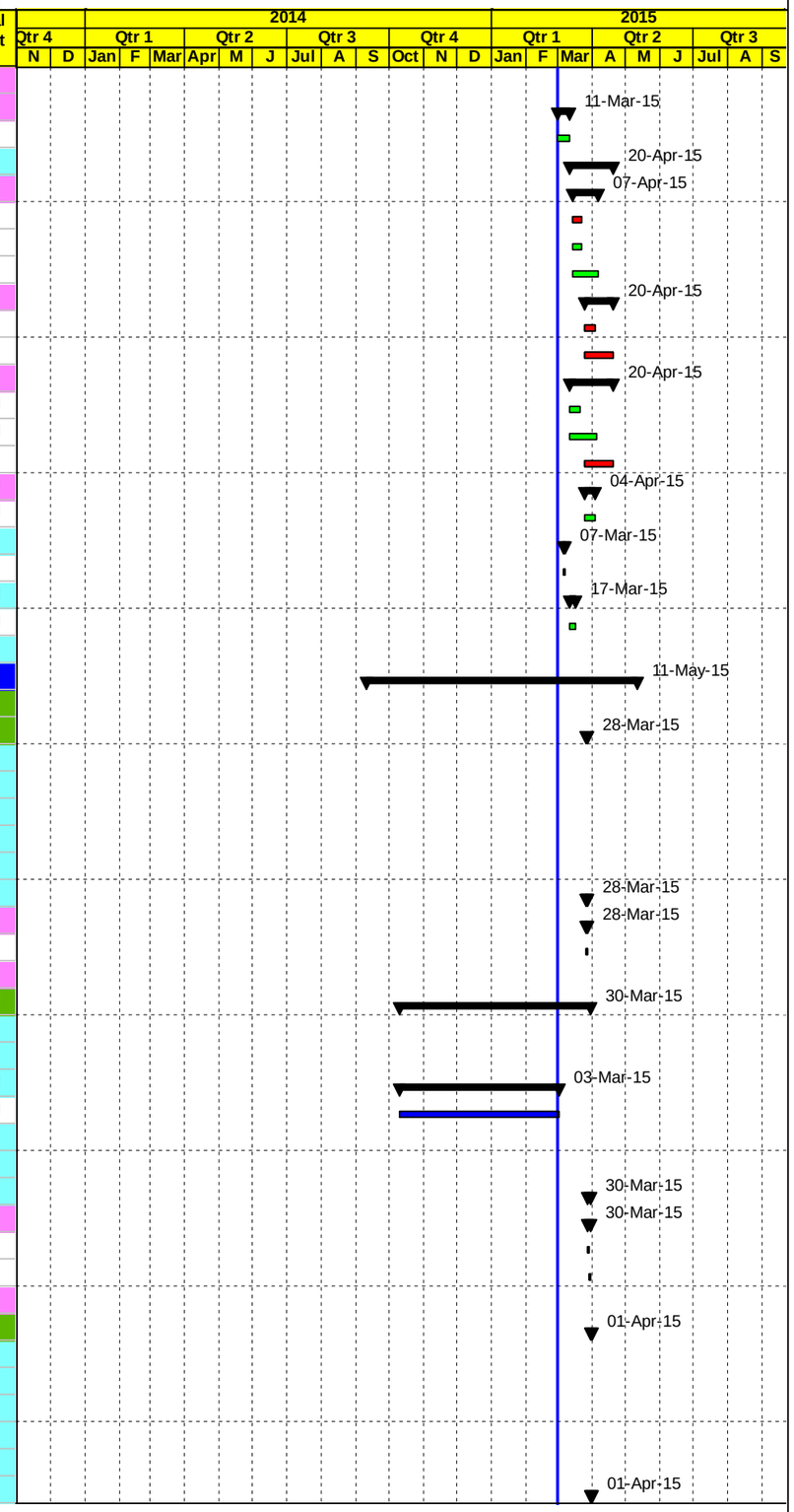
TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Nabi Yunis-Halhul		0d				0d
Hawawer-Halhul		9d		01-Mar-15	11-Mar-15	2d
SHT1345	Trench excavation ,Bedding ,install and backfill for 75 mm Dist.Hawawer-Halhul pipeline with length apprc	9d	0%	01-Mar-15	11-Mar-15	2d
Civil Chamber work		33d		12-Mar-15	20-Apr-15	1d
Zaboud-Halhul		21d		14-Mar-15	07-Apr-15	11d
SHT1350	Construct Gate Valves (DN 150mm, pipeline Dia 200mm, PN16) @ St. 0+180	8d	0%	14-Mar-15	23-Mar-15	1d
SHT1360	Construct Air Valves (DN 75mm, pipeline Dia 200mm, PN16) @ St. 0+208	8d	0%	14-Mar-15	23-Mar-15	11d
SHT1390-new	Construct - Connection chamber to existing (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.1+133	21d	0%	14-Mar-15	07-Apr-15	11d
Shahera-Halhul		21d		25-Mar-15	20-Apr-15	1d
SHT1355-new	Construct Washout Valves (DN 75mm, pipeline Dia200mm, PN16) @ St. 0+557	8d	0%	25-Mar-15	04-Apr-15	1d
SHT1357-new	Construct - Connection chamber to existing (DN 200&100mm, pipeline Dia 200&100mm, PN16)@ Sta.1	21d	0%	25-Mar-15	20-Apr-15	1d
Nabi Yunis-Halhul		33d		12-Mar-15	20-Apr-15	1d
SHT1359-new	Construct - Connection chamber to existing (DN 100mm, pipeline Dia 100mm, PN16) @ Sta.0+824	8d	0%	12-Mar-15	21-Mar-15	12d
SHT1367-new	Construct - Connection chamber to existing and Wash out (DN 150&75mm, pipeline Dia 150mm, PN16)	21d	0%	12-Mar-15	05-Apr-15	12d
SHT1369-new	Construct -Combined 3"ARV, 8"GV,6"GV,4"GV and connection to existing(DN100,200,150,100&200) @ S	21d	0%	25-Mar-15	20-Apr-15	1d
Hawawer-Halhul		8d		26-Mar-15	04-Apr-15	13d
SHT1370-new	Construct - Connection chamber to existing (DN 75mm, pipeline Dia 75mm, PN16)@ Sta.0+506	8d	0%	26-Mar-15	04-Apr-15	13d
Testing		1d		07-Mar-15	07-Mar-15	1d
SHT1365	Radiographic Testing (RT)	1d	0%	07-Mar-15	07-Mar-15	1d
Asphalt		5d		12-Mar-15	17-Mar-15	61d
SHT1410-new	Asphalt Reinstatement Hawawer-Halhul	5d	0%	12-Mar-15	17-Mar-15	61d
Mechanical Chambers work		0d				0d
Phase #2 Main pipelines, Network & Road Works St. 0+000 to 6+220		211d		10-Sep-14 A	11-May-15	6d
Main pipelines St.0+000 to 0+143 (Reconstruction Agricultural Road)		0d				0d
Main pipelines From Sta.0+143 to Sta.0+630 (Reconstruction Agricultural Road)		2d		26-Mar-15	28-Mar-15	0d
Safety and Excavation Works		0d				0d
Pipe Installation		0d				0d
Civil Chamber work		0d				0d
Testing		0d				0d
Base course & Stone Wall		0d				0d
Mechanical Chambers work-1		2d		26-Mar-15	28-Mar-15	0d
Welding flanges		1d		26-Mar-15	28-Mar-15	0d
SHT-1420-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.0+620	1d	0%	26-Mar-15	28-Mar-15	0d
Mechanical fittings installation		0d				0d
Main pipelines From Sta.0+630 to Sta.1+400 (Reconstruction Agricultural Road)		153d		11-Oct-14 A	30-Mar-15	24d
Safety and Excavation Works		0d				0d
Pipe Installation		0d				0d
Civil Chamber work		21d		11-Oct-14 A	03-Mar-15	43d
SHT1540	Construct Main Connection chamber (DN 500mm, pipeline Dia 760mm, PN25)@ Sta.1+280	21d	90%	11-Oct-14 A	03-Mar-15	43d
Testing		0d				0d
Topping and Base course		0d				0d
Mechanical Chambers work		2d		28-Mar-15	30-Mar-15	1d
Welding flanges		2d		28-Mar-15	30-Mar-15	1d
SHT-1440-MECH	Welding flanges for ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.0+743	1d	0%	28-Mar-15	29-Mar-15	1d
SHT-1450-MECH	Welding flanges for Main Connection chamber (DN 500mm, pipeline Dia 760mm, PN25)@ Sta.1+280	1d	0%	29-Mar-15	30-Mar-15	1d
Mechanical fittings installation		0d				0d
Main pipelines From Sta.1+400 to Sta.2+200 (Reconstruction Agricultural Road)		2d		30-Mar-15	01-Apr-15	1d
Safety , Excavation Works and Pipe Culvert		0d				0d
Pipe Installation		0d				0d
Civil Chamber work		0d				0d
Testing		0d				0d
Base course & Stone Wall		0d				0d
Mechanical Chambers work		2d		30-Mar-15	01-Apr-15	1d



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APCO/ArCon CONSTRUCTION AND SERVICES

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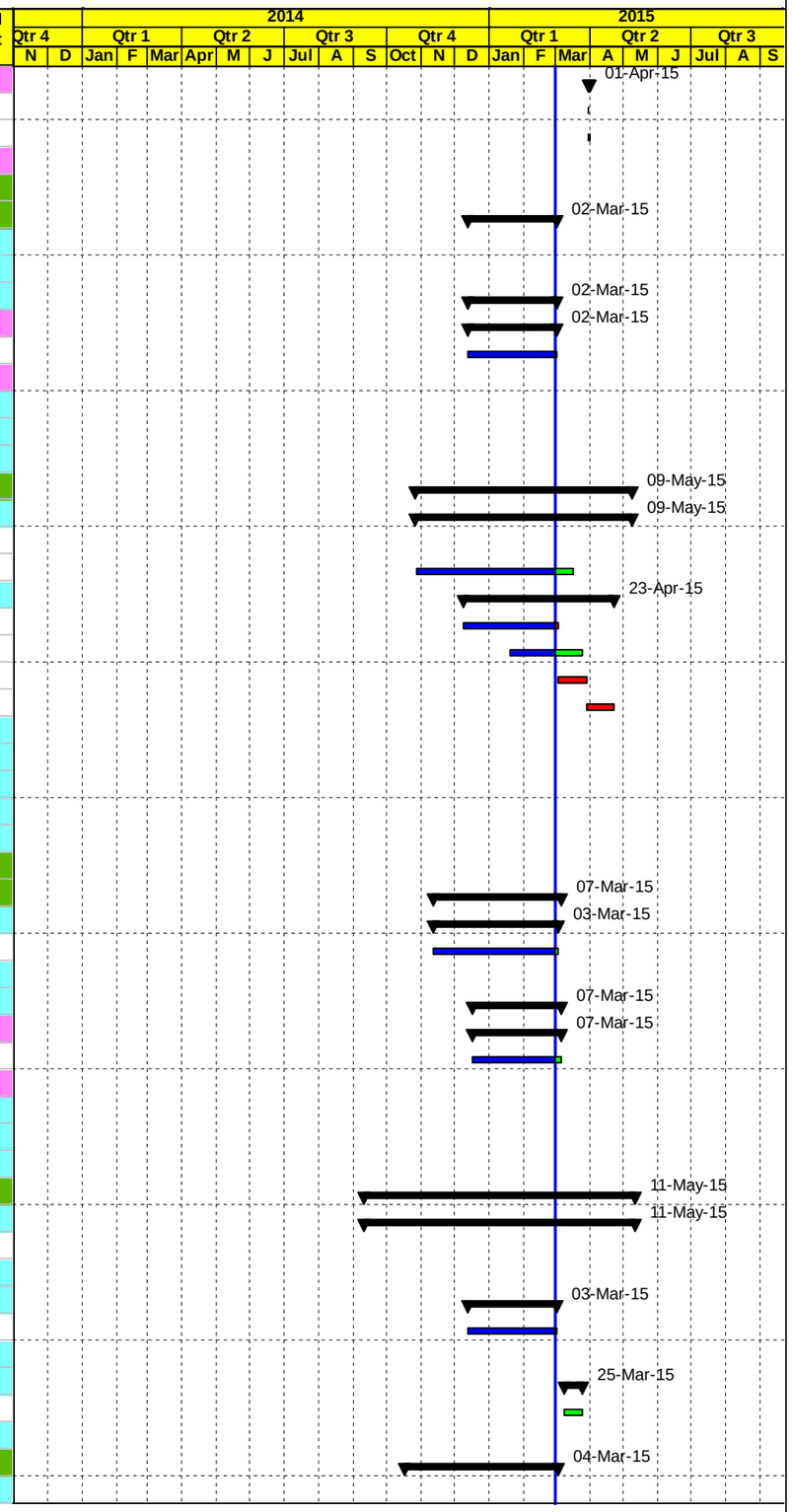
TO.16

Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Welding flanges		2d		30-Mar-15	01-Apr-15	1d
SHT-1480-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.1+530	1d	0%	30-Mar-15	31-Mar-15	1d
SHT-1490-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 1+942	1d	0%	31-Mar-15	01-Apr-15	1d
Mechanical fittings installation		0d				0d
Main pipelines From Sta.2+200 to Sta.2+780		0d				0d
Main pipelines & (Milling & over lay 11m width existing asphalt Road) St. 2+780 to 3+030		29d		13-Dec-14 A	02-Mar-15	59d
Safety , Millings and Pipe Culvert		0d				0d
Pipe Installation		0d				0d
Civil Chamber work		29d		13-Dec-14 A	02-Mar-15	59d
Main pipeline chambers		19d		13-Dec-14 A	02-Mar-15	49d
SHT1880	Construct - Washout chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.2+857	19d	90%	13-Dec-14 A	02-Mar-15	49d
Networks chambers		0d				0d
Testing		0d				0d
Asphalt		0d				0d
Mechanical Chambers work		0d				0d
Main pipelines &(Reconstruction for exist asphalt Road at residanial area 6 width) St.3+030 to 3+780		179d		27-Oct-14 A	09-May-15	0d
Safety and Excavation Works		49d		27-Oct-14 A	09-May-15	0d
SHT1930	Maintain traffic control &safety plan to include local access to residance ,all corrdination & relocate utilities	49d	80%	27-Oct-14 A	09-May-15	0d
SHT1950	Remove exist asphalt , Road excavation and backfilling to the required subgrade level	20d	30%	28-Oct-14 A	17-Mar-15	31d
Concrete Wall		108d		09-Dec-14 A	23-Apr-15	0d
SHT1960	Retaining Wall from sta. 3+226to 3+295 RHS	26d	90%	09-Dec-14 A	03-Mar-15	0d
SHT2290	Retaining Wall from Sta.3+380 to Sta.3+464.92 RHS	42d	50%	19-Jan-15 A	25-Mar-15	3d
SHT2170	Concrete Gravity Wall from Sta.3+523 to Sta.3+537 RHS and from Sta.3+555 to Sta.3+573 RHS	21d	0%	03-Mar-15	29-Mar-15	0d
SHT2840	Retaining Wall from Sta.3+150 to Sta.3+205 RHS	21d	0%	29-Mar-15	23-Apr-15	0d
Pipe Installation		0d				0d
Civil Chamber work		0d				0d
Testing		0d				0d
Base course , Stone Wall and Asphalt		0d				0d
Mechanical Chambers work		0d				0d
Main pipelines & (Milling & overlay for 11-13 m width Exist. asphalt Road)St. 3+780 to3+900		0d				0d
Main pipelines & (Reconstruction for 4m width Exist. Asphalt or Dirt Road) St. 3+900 to 4+640		67d		12-Nov-14 A	07-Mar-15	67d
Safety , Excavation Works and Pipe Culvert		27d		12-Nov-14 A	03-Mar-15	47d
SHT2540	Retaining Wall from Sta.4+345 to Sta.4+365 RHS	27d	90%	12-Nov-14 A	03-Mar-15	47d
Pipe Installation		0d				0d
Civil Chamber work		24d		17-Dec-14 A	07-Mar-15	67d
Main pipeline chambers		21d		17-Dec-14 A	07-Mar-15	57d
SHT2190	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+593	21d	80%	17-Dec-14 A	07-Mar-15	57d
Networks chambers		0d				0d
Testing		0d				0d
Base course and Asphalt		0d				0d
Mechanical Chambers work		0d				0d
Main pipelines including (Reconstruction 4m width dirt road at agricultural area)St. 4+640-5+300		182d		10-Sep-14 A	11-May-15	6d
Safety and Excavation Works		64d		10-Sep-14 A	11-May-15	5d
SHT2220	Maintain traffic control plan including road grading and widening ,coordination with local and all parties	64d	80%	10-Sep-14 A	11-May-15	5d
Pipe Installation		0d				0d
Chamber work		24d		13-Dec-14 A	03-Mar-15	24d
SHT2280	Construct -Beit Ummar Flow Monitoring chamber (DN 500mm, pipeline Dia 760mm, PN25) @ Sta 4+625	24d	90%	13-Dec-14 A	03-Mar-15	24d
Testing		0d				0d
Base course		15d		09-Mar-15	25-Mar-15	20d
SHT2300	Final Finish Sub grade & 20 cm base course layer	15d	0%	09-Mar-15	25-Mar-15	20d
Mechanical Chambers work		0d				0d
Main pipelines including (Reconstruction 4m width dirt road at agricultural area)St. 5+300-5+837		26d		18-Oct-14 A	04-Mar-15	36d
Safety and Excavation Works		0d				0d



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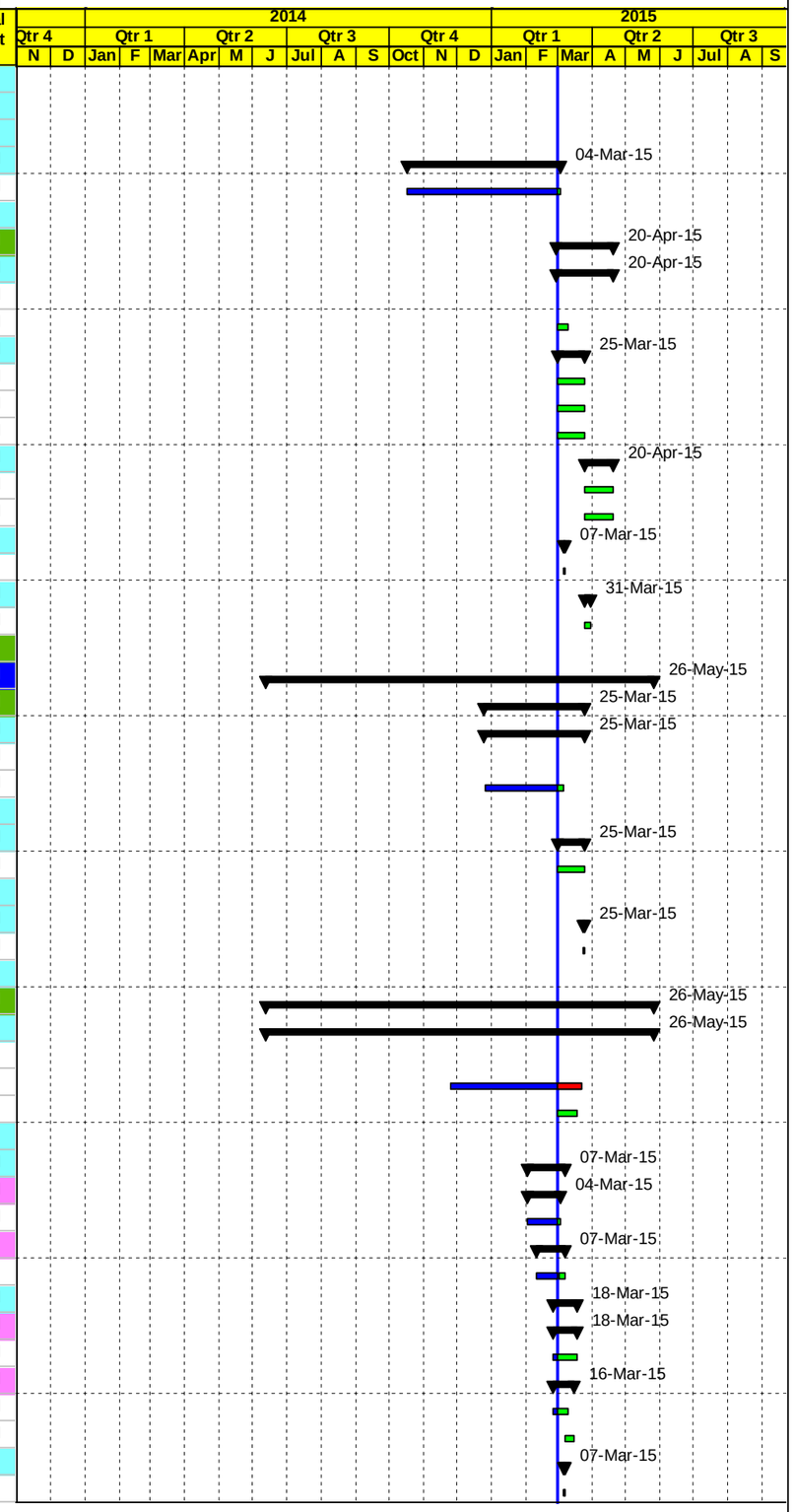
TO.16

Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Pipe Installation		0d				0d
Civil Chamber work		0d				0d
Testing		0d				0d
Base course		21d		18-Oct-14 A	04-Mar-15	30d
SHT2390	Final Finish Sub grade & 20 cm base course layer	21d	85%	18-Oct-14 A	04-Mar-15	30d
Mechanical Chambers work		0d				0d
Main pipelines & (Area C intersection to Karmi Tzur) From St. 5+837 to 6+220		68d		28-Feb-15 A	20-Apr-15	23d
Safety and Pipe Culvert		43d		28-Feb-15 A	20-Apr-15	13d
SHT3390	Maintain traffic control & safety plan to include local access to residance , corrdination with israile authorit	43d	2.33%	28-Feb-15 A	20-Apr-15	13d
SHT3909	Road excavation and backfilling to the required subgrade level from St. 5+837 to St. 6+000	8d	0%	01-Mar-15	10-Mar-15	13d
Pipe Installation		21d		01-Mar-15	25-Mar-15	28d
SHT3400	Trench excavation side the road for 760 mm main Pipeline with length approx. (383 LM)	21d	0%	01-Mar-15	25-Mar-15	13d
SHT3405	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testin	21d	0%	01-Mar-15	25-Mar-15	13d
SHT3407	Backfill the pipe trench with approved materials to the required level	21d	0%	01-Mar-15	25-Mar-15	28d
Civil Chamber work		21d		26-Mar-15	20-Apr-15	13d
SHT3410	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.6+040	21d	0%	26-Mar-15	20-Apr-15	13d
SHT2370	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.5+894	21d	0%	26-Mar-15	20-Apr-15	13d
Testing		1d		07-Mar-15	07-Mar-15	7d
SHT3412	Radiographic Testing (RT)	1d	0%	07-Mar-15	07-Mar-15	7d
Base course		5d		26-Mar-15	31-Mar-15	36d
SHT3941	Final Finish Sub grade & 20 cm base course layer from St. 5+837 to St. 6+000	5d	0%	26-Mar-15	31-Mar-15	36d
Mechanical Chambers work		0d				0d
Phase #3 Main pipelines, Network & Road Works St.6+239 to 8+271		131d		12-Jun-14 A	26-May-15	13d
Main pipelines & (Reconstruct 4m width Exist asphalt or dirt road at agricultural) St.6+239 to 6+824		59d		25-Dec-14 A	25-Mar-15	75d
Safety and Excavation Works		49d		25-Dec-14 A	25-Mar-15	63d
SHT3300	Maintain traffic control and safety plan to include local access to residence ,all coordination	49d	80%	25-Dec-14 A	25-Mar-15	33d
SHT3310	Remove exist asphalt , Road excavation and backfilling to the required subgrade level	9d	50%	27-Dec-14 A	07-Mar-15	80d
Pipe Installation		0d				0d
Civil Chamber work		21d		01-Mar-15	25-Mar-15	26d
SHT3360	Construct - Karm Tzur Deir Sha'ar connection chamber (DN 75mm, pipeline Dia 760mm, PN16) @ Sta. 6	21d	0%	01-Mar-15	25-Mar-15	26d
Testing		0d				0d
Base course and Asphalt		2d		24-Mar-15	25-Mar-15	33d
SHT3380	5 cm asphalt wearing course including prime coat	2d	0%	24-Mar-15	25-Mar-15	33d
Mechanical Chambers work		0d				0d
Main pipelines(Reconstruct four lane width of Exist road at residential area)St.6+824 to 7+515		114d		12-Jun-14 A	26-May-15	13d
Safety and Excavation Works		79d		12-Jun-14 A	26-May-15	-3d
SHT3010	Implement traffic control and safety plan ,all coordination and relocate utilities if required	73d	25%	12-Jun-14 A	26-May-15	-3d
SHT3020	Road excavation and backfilling to the required subgrade level RHS & LHS	21d	10%	25-Nov-14 A	23-Mar-15	-5d
SHT3220	Storm concrete system from Sta.7+180 to Sta.7+240 and from Sta.7+300 to Sta.7+345	15d	0%	01-Mar-15	18-Mar-15	3d
Concrete Walls		0d				0d
Pipe Installation		15d		02-Feb-15 A	07-Mar-15	79d
760 mm main pipeline and 150 mm dist.pipeline		8d		02-Feb-15 A	04-Mar-15	80d
SHT3070	Backfill the pipe trench with approved materials to the required level RHS	8d	50%	02-Feb-15 A	04-Mar-15	80d
760 mm main pipeline and 100 mm dist.pipeline		7d		10-Feb-15 A	07-Mar-15	9d
SHT3076	Backfill the pipe trench with approved materials to the required level RHS	7d	50%	10-Feb-15 A	07-Mar-15	9d
Civil Chamber work		21d		26-Feb-15 A	18-Mar-15	34d
Main pipeline chambers		21d		26-Feb-15 A	18-Mar-15	34d
SHT3100	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.7+192 RHS	21d	30%	26-Feb-15 A	18-Mar-15	34d
Networks chambers		18d		26-Feb-15 A	16-Mar-15	36d
SHT3103-new	Construct - Wash out Valve chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.7+199	8d	10%	26-Feb-15 A	10-Mar-15	42d
SHT3101-new	Construct - Gate valve (DN 100mm, pipeline Dia 100mm, PN16) @ Sta. 6+822	8d	0%	07-Mar-15	16-Mar-15	36d
Testing		1d		07-Mar-15	07-Mar-15	1d
SHT3102	Radiographic Testing (RT)	1d	0%	07-Mar-15	07-Mar-15	1d



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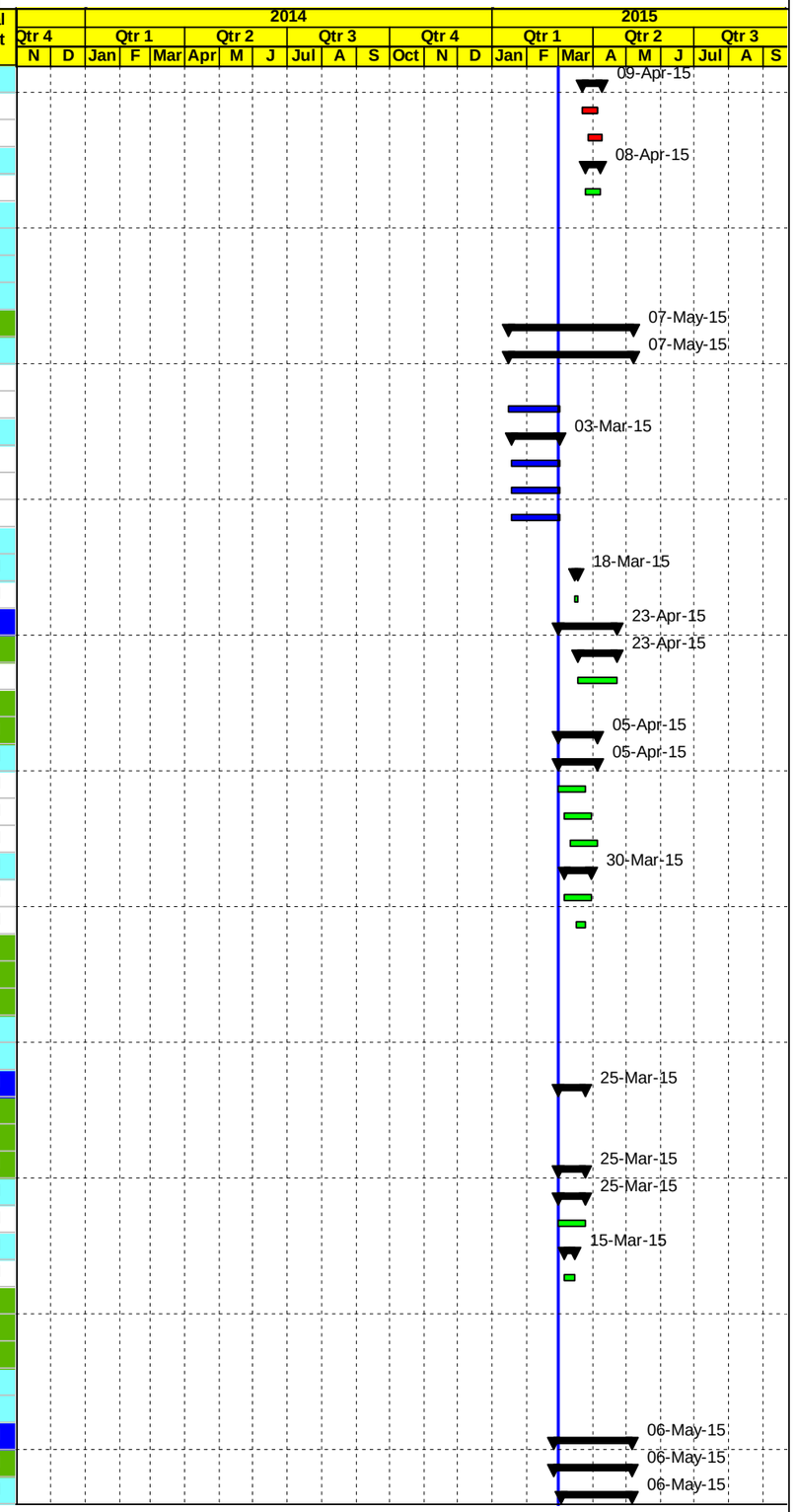
TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Topping		15d		23-Mar-15	09-Apr-15	-5d
SHT3110	Final Finish Sub grade & 20 cm thick for toping layer RHS	11d	0%	23-Mar-15	05-Apr-15	-5d
SHT3230	Final Finish Sub grade & 20 cm thick for toping layer LHS	11d	0%	28-Mar-15	09-Apr-15	-5d
PVC, Base course		12d		26-Mar-15	08-Apr-15	8d
SHT3120	Reinf.concrete foundation and PVC conduit cable for street lighting RHS	12d	0%	26-Mar-15	08-Apr-15	8d
Binder Asphalt		0d				0d
Side Walk		0d				0d
Wearing Asphalt		0d				0d
Mechanical Chambers work		0d				0d
Main pipelines &(Milling & over lay two lane width Exist road at residential area) St.7+515 to 7+950		98d		15-Jan-15 A	07-May-15	-3d
Safety and Milling		81d		15-Jan-15 A	07-May-15	-3d
SHT2910	Maintain traffic control and safety plan RHS , coordination with local and all parties	81d	29.64%	15-Jan-15 A	07-May-15	-3d
SHT2920	Saw cut asphalt	15d	90%	16-Jan-15 A	02-Mar-15	9d
Pipe Installation		12d		19-Jan-15 A	03-Mar-15	8d
SHT2930	Trench excavation for 760 mm main pipeline and 150mm dist.pipeline 7+515 to 7+950 (435 LM)	12d	81.01%	19-Jan-15 A	03-Mar-15	8d
SHT2940	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testin	12d	81.01%	19-Jan-15 A	03-Mar-15	8d
SHT2950	Backfill the pipe trench with approved materials to the required level including base course	12d	81.01%	19-Jan-15 A	03-Mar-15	7d
Testing		0d				0d
Asphalt		2d		16-Mar-15	18-Mar-15	38d
SHT2960	Asphalt Reinstatements over pipe trench including prime coat and 5 cm asphalt wearing layer	2d	0%	16-Mar-15	18-Mar-15	38d
Phase #4 Main pipelines &(Milling & over lay two lane width Exist road) St.7+950 to 9+027		54d		01-Mar-15	23-Apr-15	5d
Safety , Milling and Storm system		30d		19-Mar-15	23-Apr-15	4d
SHT2890	Storm system From St. 7+950 to St. 8+240	30d	0%	19-Mar-15	23-Apr-15	4d
Pipe Installation		0d				0d
Civil Chamber work		30d		01-Mar-15	05-Apr-15	19d
Main pipeline chambers		30d		01-Mar-15	05-Apr-15	17d
SHT2865	Construct - 150 AR/AV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.8+875	21d	0%	01-Mar-15	25-Mar-15	17d
SHT2870	Construct - Halhul connection chamber (DN 300mm, pipeline Dia 760mm, PN16) @ Sta. 8+889 RHS	21d	0%	07-Mar-15	30-Mar-15	17d
SHT2880	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta. 8+400	21d	0%	12-Mar-15	05-Apr-15	17d
Networks chambers		21d		07-Mar-15	30-Mar-15	24d
SHT2884-new	Construct - Halhul Connection to Halhul existing chamber (DN 150mm, pipeline Dia 150mm, PN16)@St.	21d	0%	07-Mar-15	30-Mar-15	24d
SHT2882-new	Construct - ARV Valve chamber (DN 75mm, pipeline Dia150mm, PN16) @ Sta. 8+397	8d	0%	17-Mar-15	25-Mar-15	28d
Testing		0d				0d
Asphalt		0d				0d
Mechanical Chambers work		0d				0d
Welding flanges		0d				0d
Mechanical fittings installation		0d				0d
Phase #5 Main pipelines&(Milling & overlay 11-13m width Exist road) St. 9+027 to 9+418		25d		01-Mar-15	25-Mar-15	41d
Safety and Milling		0d				0d
Pipe Installation		0d				0d
Civil Chamber work		21d		01-Mar-15	25-Mar-15	34d
Main pipeline chambers		21d		01-Mar-15	25-Mar-15	29d
SHT2760	Construct - ARV Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.9+210	21d	0%	01-Mar-15	25-Mar-15	29d
Networks chambers		8d		07-Mar-15	15-Mar-15	43d
SHT2785-new	Construct - ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.9+180	8d	0%	07-Mar-15	15-Mar-15	43d
Testing		0d				0d
Basecourse and Asphalt		0d				0d
Mechanical Chambers work		0d				0d
Welding flanges		0d				0d
Mechanical fittings installation		0d				0d
Phase #6 Main pipelines, Network & Road Works St.9+418 to 11+000		74d		25-Feb-15 A	06-May-15	33d
Main pipelines&(Rehabilitation Exist road at residential area)St.9+418 to 9+880		74d		25-Feb-15 A	06-May-15	33d
Safety and Excavation Works		52d		04-Mar-15	06-May-15	28d



Actual Work | Early Bar | Critical Bar | Milestone | Summary

Date	Revision	Checked	Approved
04-Mar-15			

APCO/ArCon CONSTRUCTION AND SERVICES

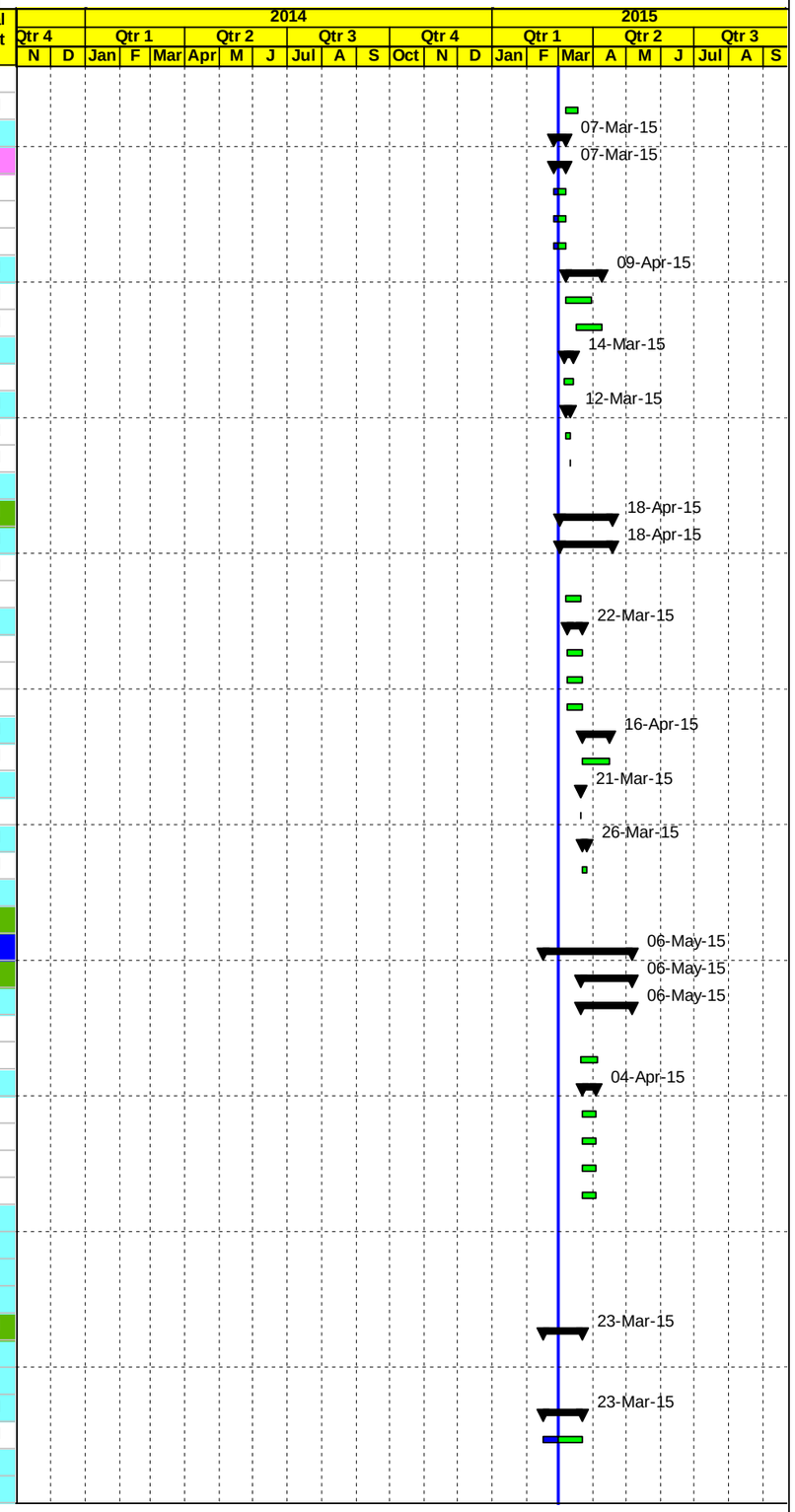
Construction Program

One Month Lookahead

TO.16

Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT4000	Maintain traffic control & safety plan to include local access to residance ,all corrdination & relocate utilitie	52d	0%	04-Mar-15	06-May-15	3d
SHT4010	Remove exist asphalt , Road excavation and backfilling to the required subgrade level and milling	10d	0%	07-Mar-15	18-Mar-15	69d
Pipe Installation		10d		25-Feb-15 A	07-Mar-15	5d
760 mm main pipeline & dist.pipe150 mm		10d		25-Feb-15 A	07-Mar-15	5d
SHT2720	Trench excavation for 760 mm main pipeline & dist.pipe150 mm from 9+418 to 9+880 (462 LM)	10d	50%	25-Feb-15 A	07-Mar-15	5d
SHT2730	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testin	10d	50%	25-Feb-15 A	07-Mar-15	4d
SHT2740	Backfill the pipe trench with approved materials to the required level	10d	50%	25-Feb-15 A	07-Mar-15	5d
Chamber work		29d		08-Mar-15	09-Apr-15	24d
SHT2760-new	Construct - AR/AV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.9+680	21d	0%	08-Mar-15	31-Mar-15	24d
SHT2770-new	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.9+600	21d	0%	17-Mar-15	09-Apr-15	24d
Testing		1d		07-Mar-15	14-Mar-15	8d
SHT4050	Radiographic Testing (RT)	1d	0%	07-Mar-15	14-Mar-15	8d
Base course and Asphalt		5d		08-Mar-15	12-Mar-15	49d
SHT4020	Finish Sub grade & leveling base course layer (Rehabilitation of existing basecourse)	4d	0%	08-Mar-15	11-Mar-15	49d
SHT4030	5 cm asphalt wearing couse including prime coat	1d	0%	12-Mar-15	12-Mar-15	49d
Mechanical Chambers work		0d				0d
Main pipelines & (Rehabilitation at residential area) St.9+880 to 10+460		47d		03-Mar-15	18-Apr-15	23d
Safety and Excavation Works		38d		03-Mar-15	18-Apr-15	20d
SHT2620	Maintain traffic control & safety plan to include local access to residance ,all corrdination & relocate utilitie	38d	0%	03-Mar-15	18-Apr-15	20d
SHT2630	Remove exist asphalt , Road excavation and backfilling to the required subgrade level and milling	12d	0%	08-Mar-15	21-Mar-15	4d
Pipe Installation		12d		09-Mar-15	22-Mar-15	4d
SHT2640	Trench excavation for 760 mm main Pipeline with length approx. (580 LM)	12d	0%	09-Mar-15	22-Mar-15	4d
SHT2650	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testin	12d	0%	09-Mar-15	22-Mar-15	4d
SHT2660	Backfill the pipe trench with approved materials to the required level	12d	0%	09-Mar-15	22-Mar-15	4d
Chamber work		21d		23-Mar-15	16-Apr-15	15d
SHT2670	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.10+430	21d	0%	23-Mar-15	16-Apr-15	15d
Testing		1d		21-Mar-15	21-Mar-15	7d
SHT2673	Radiographic Testing (RT)	1d	0%	21-Mar-15	21-Mar-15	7d
Base course and Asphalt		4d		23-Mar-15	26-Mar-15	37d
SHT2680	Finish Sub grade & leveling base course layer (Rehabilitation of existing basecourse)	4d	0%	23-Mar-15	26-Mar-15	37d
Mechanical Chambers work		0d				0d
Main pipelines & (Rehabilitation Exist road) St. 10+460 to 11+000		0d				0d
Phase #7 Main pipelines, Network & Road Works St.11+000 to 12+000		46d		16-Feb-15 A	06-May-15	5d
Main pipelines & (Rehabilitation Exist road) St. 11+000 to 11+500		46d		22-Mar-15	06-May-15	5d
Safety and Excavation Works		39d		22-Mar-15	06-May-15	4d
SHT2410	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	39d	0%	22-Mar-15	06-May-15	4d
SHT2420	Remove exist asphalt , Road excavation and backfilling to the required subgrade level and milling	13d	0%	22-Mar-15	05-Apr-15	5d
Pipe Installation		11d		23-Mar-15	04-Apr-15	4d
SHT2430	Trench excavation for 760 mm main Pipeline with length approx. (500 LM)	11d	0%	23-Mar-15	04-Apr-15	4d
SHT2440	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testin	11d	0%	23-Mar-15	04-Apr-15	4d
SHT2450	Concrete encasement for main pipeline from sta.11+460 to 11+000 length (500 LM)	11d	0%	23-Mar-15	04-Apr-15	4d
SHT2460	Backfill the pipe trench with approved materials to the required level	11d	0%	23-Mar-15	04-Apr-15	4d
Civil Chamber work		0d				0d
Testing		0d				0d
Base course , Stone Wall and Asphalt		0d				0d
Mechanical Chambers work		0d				0d
Main pipelines & (Rehabilitation Exist road) St. 11+500 to 12+000		26d		16-Feb-15 A	23-Mar-15	40d
Safety and Excavation Works		0d				0d
Pipe Installation		0d				0d
Civil Chamber work		21d		16-Feb-15 A	23-Mar-15	33d
SHT2470	Construct - Halhul reservoir connection chamber (DN 500mm, pipeline Dia 760mm, PN16) @ Sta.11+900	21d	10%	16-Feb-15 A	23-Mar-15	33d
Testing		0d				0d
Base course , Stone Wall and Asphalt		0d				0d



Actual Work | Early Bar | Critical Bar | Milestone | Summary

Date	Revision	Checked	Approved
04-Mar-15			

APCO/ArCon CONSTRUCTION AND SERVICES

Construction Program

One Month Lookahead

TO.16

Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
	Mechanical Chambers work	0d				0d
	Surge Control System final connection to the booster station	0d				0d
	Final Mechanical connection for main pipeline & distribution net work	0d				0d
	Concrete and Road Finishing work	0d				0d
	Post Construction Phase	0d				0d

2014													2015								
Qtr 4		Qtr 1			Qtr 2			Qtr 3			Qtr 4		Qtr 1			Qtr 2			Qtr 3		
N	D	Jan	F	Mar	Apr	M	J	Jul	A	S	Oct	N	D	Jan	F	Mar	A	M	J	Jul	A	S

Actual Work Early Bar Critical Bar Milestone Summary

Date	Revision	Checked	Approved
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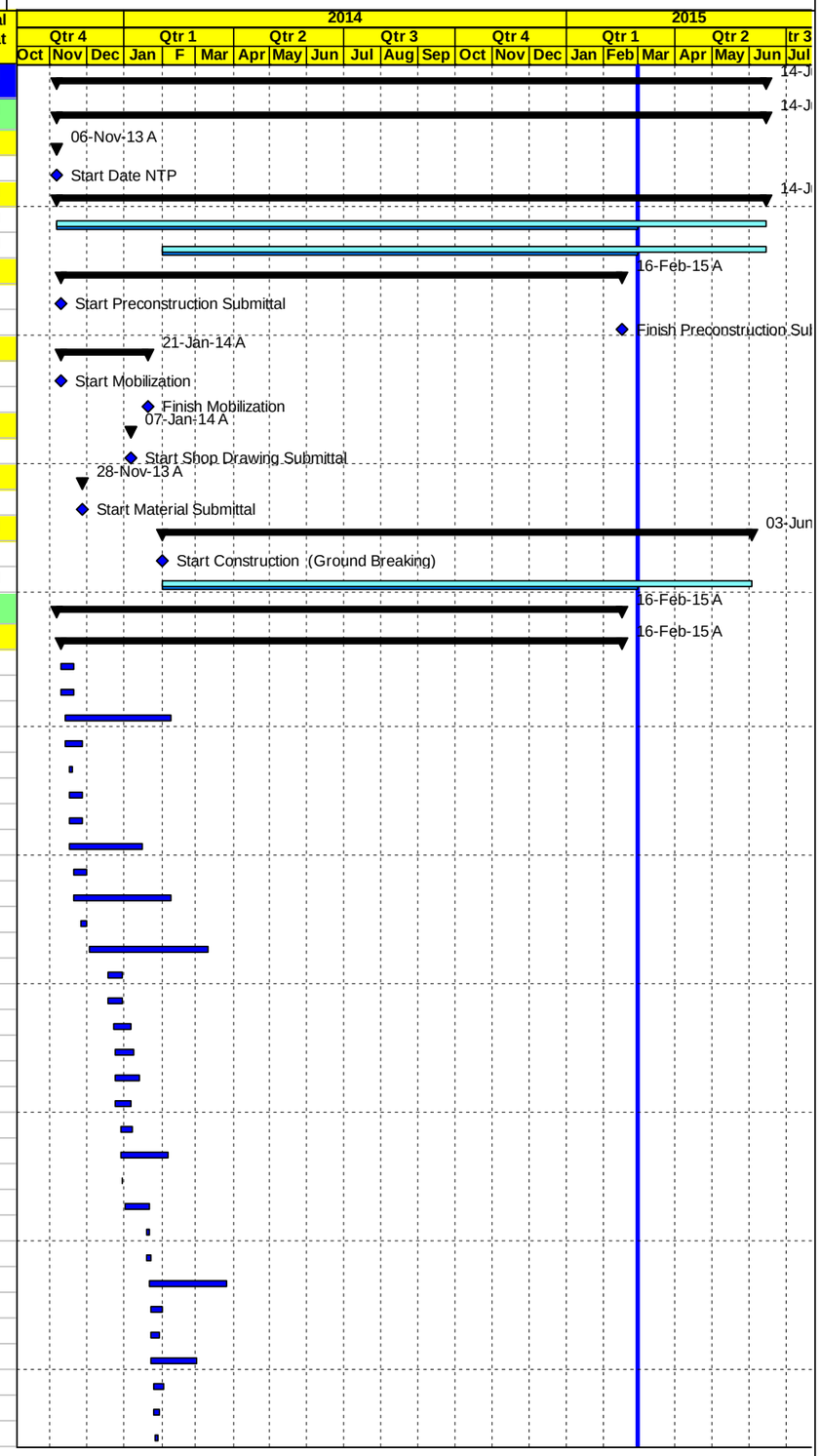
APCO/ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Deir Sha'aar Main Pipeline Project		553d		06-Nov-13 A	14-Jun-15	-6d
Milestones		553d		06-Nov-13 A	14-Jun-15	-6d
General Milestones		0d		06-Nov-13 A	06-Nov-13 A	
SHT0010	Start Date NTP	0d	100%	06-Nov-13 A		
Task order Duration		553d		06-Nov-13 A	14-Jun-15	-6d
SHT0030	Project Duration (Calendar Days)	550d	80.75%	06-Nov-13 A	14-Jun-15	-6d
SHT0040	Project Duration (Working Days)	425d	79.04%	01-Feb-14 A	14-Jun-15	-5d
Pre Construction Milestones		280d		10-Nov-13 A	16-Feb-15 A	
SHT0050	Start Preconstruction Submittal	0d	100%	10-Nov-13 A		
SHT0060	Finish Preconstruction Submittal	0d	100%		16-Feb-15 A	
Mobilization Milestones		24d		10-Nov-13 A	21-Jan-14 A	
SHT0065	Start Mobilization	0d	100%	10-Nov-13 A		
SHT0070	Finish Mobilization	0d	100%		21-Jan-14 A	
Shop Drawing Milestones		0d		07-Jan-14 A	07-Jan-14 A	
SHT0075	Start Shop Drawing Submittal	0d	100%	07-Jan-14 A		
Material Milestones		0d		28-Nov-13 A	28-Nov-13 A	
SHT0090	Start Material Submittal	0d	100%	28-Nov-13 A		
Construction Milestones		325d		01-Feb-14 A	03-Jun-15	-5d
SHT1100	Start Construction (Ground Breaking)	0d	100%	01-Feb-14 A		
SHT1105	Construction Duration (Working Days)	325d	75.4%	01-Feb-14 A	03-Jun-15	-5d
Pre Construction Phase		492d		06-Nov-13 A	16-Feb-15 A	
Pre Construction Submittals		349d		10-Nov-13 A	16-Feb-15 A	
SHT0120	Scheduling Qualification Submittals	10d	100%	10-Nov-13 A	20-Nov-13 A	
SHT0114	Bank Guarantee Certificates	10d	100%	10-Nov-13 A	20-Nov-13 A	
SHT0118	Field Offices Furniture & Equipment Plan	10d	100%	13-Nov-13 A	09-Feb-14 A	
SHT0116	Field Offices Location & Layout	10d	100%	13-Nov-13 A	27-Nov-13 A	
SHT0136	Temporary and Permanent Project Sign Plan	10d	100%	17-Nov-13 A	19-Nov-13 A	
SHT0138	60-Day Plan of Operation	10d	100%	17-Nov-13 A	27-Nov-13 A	
SHT0140	Project Overview Bar Chart	10d	100%	17-Nov-13 A	27-Nov-13 A	
SHT0122	Submittals Schedule	10d	100%	17-Nov-13 A	16-Jan-14 A	
SHT0124	Testing Lab	10d	100%	20-Nov-13 A	01-Dec-13 A	
SHT0134	Existing Survey Plan from Sta.0+000 to Sta.2+700	10d	100%	21-Nov-13 A	09-Feb-14 A	
SHT0146	Coordination with local Authorities Plan including list of permits & and licenses	10d	100%	26-Nov-13 A	01-Dec-13 A	
SHT0150	CPM-Construction Schedule and S-Curve	10d	100%	03-Dec-13 A	11-Mar-14 A	
SHT0134-new	Survey Plan from Sta.2+700 to Sta.6+000	10d	100%	19-Dec-13 A	31-Dec-13 A	
SHT0135-new	Survey Plan from Sta.6+000 to Sta.7+650	10d	100%	19-Dec-13 A	31-Dec-13 A	
SHT0128	Insurances	10d	100%	23-Dec-13 A	07-Jan-14 A	
SHT0143	QCP-Quality Control Program (QC/QA PLAN)	10d	100%	25-Dec-13 A	08-Jan-14 A	
SHT0142	Safety Plan	10d	100%	25-Dec-13 A	14-Jan-14 A	
SHT0152	USAID Branding Plan	10d	100%	25-Dec-13 A	07-Jan-14 A	
SHT0144-new	Traffic Control Plan from Sta.7+090 to Sta.7+500 LHS	5d	100%	29-Dec-13 A	08-Jan-14 A	
SHT0144	Method Statement including asphalt disposal,pipeline install,formworks,curing,storm sys., paint curb., patching &R	10d	100%	29-Dec-13 A	06-Feb-14 A	
SHT0126	Key Personnel Plan	10d	100%	30-Dec-13 A	31-Dec-13 A	
SHT0155	Dilapidation Survey/Phase 01- From St. 0+700 to St. 4+400 and From St. 6+230 to St. 11+460	10d	100%	02-Jan-14 A	22-Jan-14 A	
SHT0155-new	Dilapidation Survey - Phase 02- From St. 0+000 to St.0+700 and From St. 4+400 to St. 6+200.	10d	100%	20-Jan-14 A	22-Jan-14 A	
SHT0148	Proposed Staging and Storage area location	10d	100%	20-Jan-14 A	23-Jan-14 A	
SHT0163	Welding procedure	10d	100%	22-Jan-14 A	26-Mar-14 A	
SHT0157	Environmental Mitigation Plan	10d	100%	23-Jan-14 A	02-Feb-14 A	
SHT0156	Risk Management Program - Phase 01- From St. 0+000 to St.2+700 and From St. 6+800 to St. 7+515	10d	100%	23-Jan-14 A	30-Jan-14 A	
SHT0158	Traffic Control Plan from Sta.0+000 to Sta.2+374 -Deir Sha'ar distribution pipeline 8" pipe in Beit Ummer town	10d	100%	23-Jan-14 A	02-Mar-14 A	
SHT0136-new	Survey Plan from Sta.7+093 to Sta.7+220	10d	100%	26-Jan-14 A	03-Feb-14 A	
SHT0157-new	Proposed Dumping area	10d	100%	26-Jan-14 A	30-Jan-14 A	
SHT0162	Public relation plan	10d	100%	27-Jan-14 A	29-Jan-14 A	



◆ Milestone Early Bar — Actual Level of Effort — Level of Effort
Actual Work — Early Bar — Summary
◆ Milestone Actual — Critical Bar

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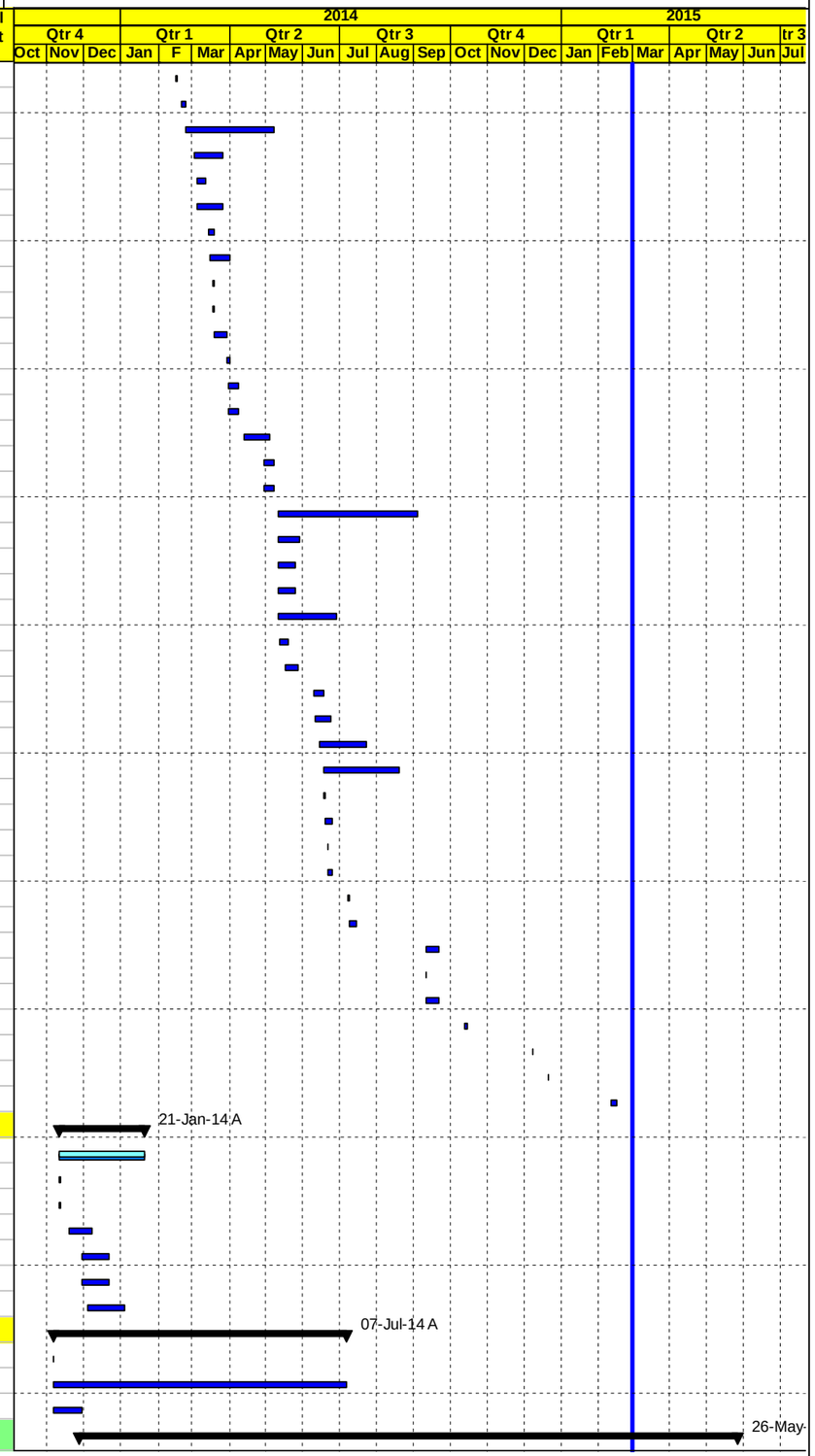
APCO ArCon
CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT0160	Trench safety plan	10d	100%	16-Feb-14 A	17-Feb-14 A	
SHT0164-new	3 inch Procedure Qualification Record (PQR)	10d	100%	20-Feb-14 A	24-Feb-14 A	
SHT0159-new	Traffic Control Plan -Phase I -from Sta.0+000 to Sta.2+800-Deir Sha'ar Water Transmission Project	10d	100%	24-Feb-14 A	08-May-14 A	
SHT0200-new	Radiographic Testing Safety Plan	10d	100%	03-Mar-14 A	27-Mar-14 A	
SHT0165	Welders Qualifications (Certificate for Welder Fadi Shuebeha)	10d	100%	05-Mar-14 A	13-Mar-14 A	
SHT0166-new	8"-12" Procedure Qualification Record (PQR)	10d	100%	05-Mar-14 A	27-Mar-14 A	
SHT0203-new	Radiographic Testing (RT) Method Statement	10d	100%	15-Mar-14 A	20-Mar-14 A	
SHT0138-new	Specific Method Statement -3" To 12" Pipeline Installation ,welding procedure and Testing	10d	100%	16-Mar-14 A	02-Apr-14 A	
SHT0168-new	Dilapidation Survey -Beit Ummar 8" Network	10d	100%	18-Mar-14 A	19-Mar-14 A	
SHT0196-new	Risk Management Program - Beit Ummar 8" Network	10d	100%	18-Mar-14 A	19-Mar-14 A	
SHT0167-new	Survey Plan from Sta.0+000 to Sta.1+225-Al Aroub Road	10d	100%	20-Mar-14 A	30-Mar-14 A	
SHT0197-new	Dilapidation Survey -Al-Aroub Connection 4" & 6"	10d	100%	30-Mar-14 A	02-Apr-14 A	
SHT0198-new	Risk Management Program -Al-Aroub Connection 4" & 6"	10d	100%	31-Mar-14 A	08-Apr-14 A	
SHT0199-new	8" Water steel pipe work installation -Method of Statement	10d	100%	31-Mar-14 A	08-Apr-14 A	
SHT0137-new	Survey Plan from Sta. 9+890 to Sta. 11+463	10d	100%	13-Apr-14 A	05-May-14 A	
SHT0201-new	Survey Plan from Sta. 7+650 to Sta. 9+890	5d	100%	29-Apr-14 A	08-May-14 A	
SHT0209-new	Revised Survey Plan from Sta. 4+200 to Sta. 5+700	10d	100%	30-Apr-14 A	08-May-14 A	
SHT0202-new	Specific Method Statement -Testing (Hydrostatic, Disinfection /Flushing) -760 mm steel pipe Sch 20 /WT 12.7 mm	10d	100%	11-May-14 A	04-Sep-14 A	
SHT0204-new	30 inch Pipeline Entry -Safety Method Statement (Confined Space)	10d	100%	11-May-14 A	29-May-14 A	
SHT0207-new	Internal Cement Lining Repair Method Statement	10d	100%	11-May-14 A	26-May-14 A	
SHT0208-new	Mortar Fill after welding / layback Space closure Method Statement	10d	100%	11-May-14 A	26-May-14 A	
SHT0206-new	Pipes Loading & Unloading -Specific Method Statement	10d	100%	11-May-14 A	29-Jun-14 A	
SHT0178-new	Traffic Control Plan from Sta.6+800 to Sta.7+500	10d	100%	13-May-14 A	20-May-14 A	
SHT0177-new	30 inch Pipe Welding Procedure Qualification Record	10d	100%	18-May-14 A	28-May-14 A	
SHT0180-new	Risk Management Program –Phase 02 from Sta.2+800 to Sta.6+800 and from Sta. 7 +515 to the End of the Proj	10d	100%	10-Jun-14 A	17-Jun-14 A	
SHT0185-new	Specific Method Statement - 30" pipe installation 0+000 - 1+200	10d	100%	11-Jun-14 A	24-Jun-14 A	
SHT0190-new	Ultrasonic Weld Inspection Procedure 12" -30" Pipe line welds	10d	100%	15-Jun-14 A	23-Jul-14 A	
SHT0195-new	Traffic Control Plan from Sta.0+000 to Sta.1+350 -Halhul Water Distribution Network -Shahera Water Pipeline	10d	100%	18-Jun-14 A	20-Aug-14 A	
SHT0220-new	Traffic Control Plan from Sta.0+000 to Sta.1+110 -Halhul Water Distribution Network -Zaboud Water Pipeline	10d	100%	18-Jun-14 A	19-Jun-14 A	
SHT0225-new	Dilapidation Survey- 8" Halhul Network (Zaboud)	10d	100%	19-Jun-14 A	25-Jun-14 A	
SHT0300-new	Qualified Welder Resume and Certificates (Jihad Ghatasheh)	10d	100%	22-Jun-14 A	22-Jun-14 A	
SHT0310-new	Risk Management Program - 8" Halhul Network (Zaboud)	10d	100%	22-Jun-14 A	25-Jun-14 A	
SHT0325-new	Traffic Control Plan for Al Arrub Water Networks	10d	100%	08-Jul-14 A	09-Jul-14 A	
SHT0326-new	Traffic Control Plan for Al Nabi Younes Intersection	10d	100%	10-Jul-14 A	15-Jul-14 A	
SHT0327-new	Traffic Control Plan for Al Nabi Younes Intersection 6" & 8" from Sta.0+000 to Sta.1+300	10d	100%	11-Sep-14 A	22-Sep-14 A	
SHT0328-new	Traffic Control Plan from Sta.7+500 to Sta.9+100	10d	100%	11-Sep-14 A	11-Sep-14 A	
SHT0329-new	Traffic Control Plan from Sta.4+220 to Sta.5+500	10d	100%	11-Sep-14 A	22-Sep-14 A	
SHT0332-new	Traffic Control Plan from Sta.2+800 to Sta.4+200 –Beit Ummar -30" Main Pipeline	10d	100%	13-Oct-14 A	15-Oct-14 A	
SHT0345-new	Risk Management Program for Al Ramooz -Al Nabi Younis 4" Network	10d	100%	08-Dec-14 A	09-Dec-14 A	
SHT0350-new	A second third party source for Radiography and ultrasound testing	10d	100%	21-Dec-14 A	22-Dec-14 A	
SHT0360-new	Traffic Control Plan from Sta.9+400 to Sta. 12+007	10d	100%	11-Feb-15 A	16-Feb-15 A	
Mobilization		24d		11-Nov-13 A	21-Jan-14 A	
SHT0168	Mobilization Total Cost (4.0%)	24d	100%	11-Nov-13 A	21-Jan-14 A	
SHT0170	Site Hand Over	1d	100%	11-Nov-13 A	11-Nov-13 A	
SHT0172	Checking With CMC Existing-Bench Marks, Survey Control Points	2d	100%	11-Nov-13 A	12-Nov-13 A	
SHT0174	Start Preparation Construction Submittals (Survey plan , Shop Drawings & Materials)	15d	100%	19-Nov-13 A	08-Dec-13 A	
SHT0176	Supply and install Office Furniture's and Supplies	5d	100%	30-Nov-13 A	22-Dec-13 A	
SHT0178	Supply and install Office IT Equipments & Applience	5d	100%	30-Nov-13 A	22-Dec-13 A	
SHT0180	Install Temporary Project Sign	1d	100%	04-Dec-13 A	04-Jan-14 A	
Conformed Drawings and Coordination		40d		06-Nov-13 A	07-Jul-14 A	
SHT0106	Final for Construction Drawing (Conformed)	1d	100%	06-Nov-13 A	06-Nov-13 A	
SHT0266	Coordination with Israeli authorities for approval and permit area C	40d	100%	06-Nov-13 A	07-Jul-14 A	
SHT0286	Coordination with local Authorities before Construction Project	40d	100%	06-Nov-13 A	30-Nov-13 A	
Construction Phase		543d		28-Nov-13 A	26-May-15	13d



Milestone Early Bar | Actual Level of Effort | Level of Effort
Actual Work | Early Bar | Summary
Milestone Actual | Critical Bar

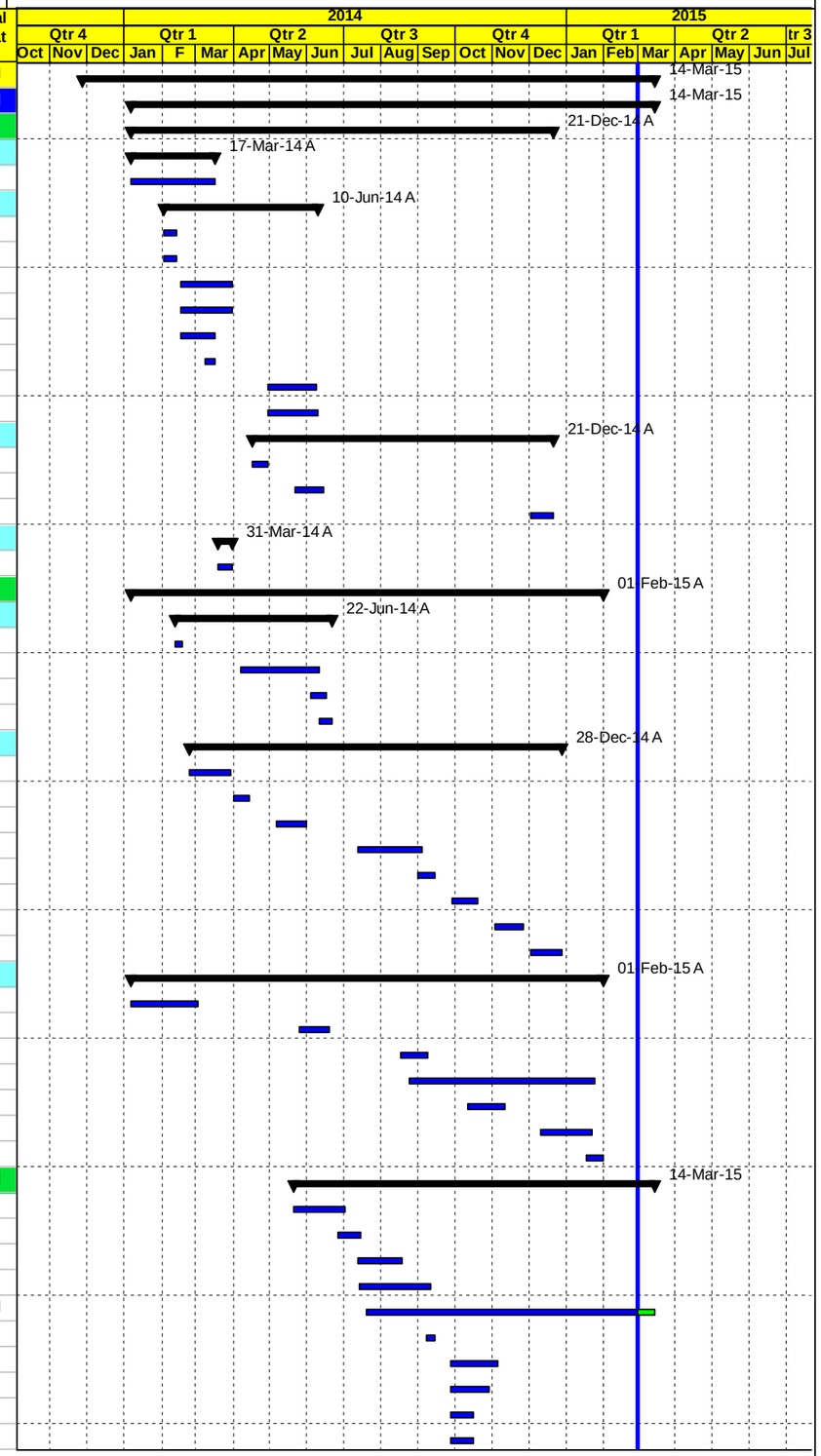
Date	Revision	Checked	Approved
04-Mar-15			

APCO ArCon
CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Construction Submittals		531d		28-Nov-13 A	14-Mar-15	87d
Shop Drawing Submittals		531d		07-Jan-14 A	14-Mar-15	87d
Plan Profile and Cross Sections		299d		07-Jan-14 A	21-Dec-14 A	
Plan Profile and Cross Sections From St.7+515 to 6+840 Phase One		21d		07-Jan-14 A	17-Mar-14 A	
SHT0188	From St.7+515 to 6+840	21d	100%	07-Jan-14 A	17-Mar-14 A	
Plan Profile and Cross Sections from St. 0+000 to 5+980 Phase Three		139d		03-Feb-14 A	10-Jun-14 A	
SHT0192	From St.0+630 to 1+200	21d	100%	03-Feb-14 A	13-Feb-14 A	
SHT0190	From St.0+000 to 0+630	21d	100%	03-Feb-14 A	13-Feb-14 A	
SHT0200	From St.3+030 to 3+780	21d	100%	17-Feb-14 A	31-Mar-14 A	
SHT0198	From St. 2+780 to 3+030	21d	100%	17-Feb-14 A	31-Mar-14 A	
SHT0202	From St. 3+780 to 3+900	21d	100%	17-Feb-14 A	17-Mar-14 A	
SHT0194	From St.1+200 to 2+780	21d	100%	09-Mar-14 A	17-Mar-14 A	
SHT0206	From St.4+950 to 6+000	21d	100%	30-Apr-14 A	09-Jun-14 A	
SHT0204	From St. 3+900 to 4+950	21d	100%	30-Apr-14 A	10-Jun-14 A	
Plan Profile and Cross Sections from St. 12+000 to 7+515 & 6+840 to 5+980 Phase Four		203d		17-Apr-14 A	21-Dec-14 A	
SHT0210	From St. 11+460 to 09+890 old	21d	100%	17-Apr-14 A	30-Apr-14 A	
SHT0217	Milling and Overlay from Sta.7+515 to Sta.9+880	21d	100%	22-May-14 A	15-Jun-14 A	
SHT0218	From St.6+850 to 6+150	21d	100%	02-Dec-14 A	21-Dec-14 A	
Plan Profile and Cross Sections Networks		21d		20-Mar-14 A	31-Mar-14 A	
SHT0219-new	from Sta.0+000 to Sta.1+225-Al Aroub Road	21d	100%	20-Mar-14 A	31-Mar-14 A	
Pipeline		329d		07-Jan-14 A	01-Feb-15 A	
Waterline Beit Ummar, Al Arrub-Beit Ummar & Halhul Networks		148d		12-Feb-14 A	22-Jun-14 A	
SHT0220	Beit Ummar Water Distribution network From Sta. 0+000 to Sta. 2+295	21d	100%	12-Feb-14 A	18-Feb-14 A	
SHT0221	Al Arrub-Beit Ummar Water Distribution network From Sta. 0+000 to Sta. 1+218	21d	100%	07-Apr-14 A	11-Jun-14 A	
SHT0222	Zaboud Water Pipeline-Halhul Distribution Network from Sta.0+000 to Sta.1+110	21d	100%	04-Jun-14 A	17-Jun-14 A	
SHT0226-new	Water Distribution Network -Shahera Water Pipeline from Sta.0+000 to Sta.1+350-Halhul	21d	100%	11-Jun-14 A	22-Jun-14 A	
Waterline from St. 0+000 to 6+000		294d		24-Feb-14 A	28-Dec-14 A	
SHT0224	Waterline From St.0+000 to 1+200	21d	100%	24-Feb-14 A	30-Mar-14 A	
SHT0228	Waterline From St.1+200 to 2+780	21d	100%	02-Apr-14 A	14-Apr-14 A	
SHT0232	Waterline From St. 2+780 to 3+900	21d	100%	07-May-14 A	01-Jun-14 A	
SHT0238	Waterline From St. 3+900 to 4+950	21d	100%	13-Jul-14 A	04-Sep-14 A	
SHT0240	Waterline From St. 4+950 to 6+000	21d	100%	31-Aug-14 A	15-Sep-14 A	
SHT0250-new	Waterline from Sta.0+100 to Sta.0+725 -Al Nabi Younis Water Pipeline (8")	21d	100%	29-Sep-14 A	20-Oct-14 A	
SHT0255-new	Waterline from Sta.0+000 to Sta.0+810 - Al Nabi Younis Water Pipeline (6")	21d	100%	03-Nov-14 A	27-Nov-14 A	
SHT0260-new	Waterline 3" from Sta.0+000 to Sta.0+385 -Al Hawawer Water Pipeline	21d	100%	03-Dec-14 A	28-Dec-14 A	
Waterline from St. 11+460 to 6+000		171d		07-Jan-14 A	01-Feb-15 A	
SHT0254	Waterline From St.7+515 to 6+840	21d	100%	07-Jan-14 A	03-Mar-14 A	
SHT0252	Waterline:Typical Section from Sta.8+700 to Sta.9+300	21d	100%	26-May-14 A	19-Jun-14 A	
SHT0268-new	Waterline from Sta.9+090 to Sta.9+450 - New Alignment for water pipe line	21d	100%	17-Aug-14 A	09-Sep-14 A	
SHT0256	Waterline From St.7+500 to 8+700	21d	100%	24-Aug-14 A	25-Jan-15 A	
SHT0258	Waterline From St. 6+780 to 6+000	21d	100%	12-Oct-14 A	11-Nov-14 A	
SHT0244	Waterline From Sta. 9+415 to Sta.10+730	21d	100%	11-Dec-14 A	22-Jan-15 A	
SHT0264	Waterline From Sta. 10+730 to Sta.11+610	21d	100%	18-Jan-15 A	01-Feb-15 A	
Connection and Valves Chambers		249d		21-May-14 A	14-Mar-15	74d
SHT0259-new	Structural and Mechanical Detail for valve chambers for 8" Beit Ummar Internal Network Water Pipeline	21d	100%	21-May-14 A	02-Jul-14 A	
SHT0227-new	Structural and Mechanical Detail for valve chambers for 8" Zaboud Internal Network Water Pipeline	21d	100%	26-Jun-14 A	15-Jul-14 A	
SHT0276	Halhul distribution connection chamber (Kharas junction) @ Sta.9+070 RHS	21d	100%	13-Jul-14 A	18-Aug-14 A	
SHT0269-new	Structural and Mechanical Detail for wash out Chamber at Sta.0+620 & ARV Valve Chamber @ Sta.0+743	21d	100%	14-Jul-14 A	11-Sep-14 A	
SHT0259	Structural and Mechanical detail For wash out Chamber For 30"*10" at St .7+223& Wash out chamb For 6"*3" at	21d	50%	20-Jul-14 A	14-Mar-15	74d
SHT0277-new	Structural and Mechanical Detail for Washout at Sta.1+530 and Washout at Sta.2+230 & ARV Valve at Sta.1+9	21d	100%	07-Sep-14 A	15-Sep-14 A	
SHT3855-new	Structural&Mechanical detail For ARV Chamber@St.2+782& ARV Chamber@St.3+303& ARV Chamber@St.3+7	21d	100%	28-Sep-14 A	05-Nov-14 A	
SHT3860-new	Structural and Mechanical detail For ALAROUB CAMP Connection @ Sta.0+020	21d	100%	28-Sep-14 A	29-Oct-14 A	
SHT3865-new	Structural&Mechanical Detail For AlAROUB-75mm WO@St.0+537&50mmWO@St.0+540&100mm GV@St.0+7:	21d	100%	28-Sep-14 A	16-Oct-14 A	
SHT3870-new	Structural & Mechanical Detail For AlAROUB- Gate Valve @ Sta.0+584&Gate Valve @ Sta.1+214	21d	100%	28-Sep-14 A	16-Oct-14 A	



◇ Milestone Early Bar
Actual Work
◆ Milestone Actual
Actual Level of Effort
Early Bar
Critical Bar
Level of Effort
Summary

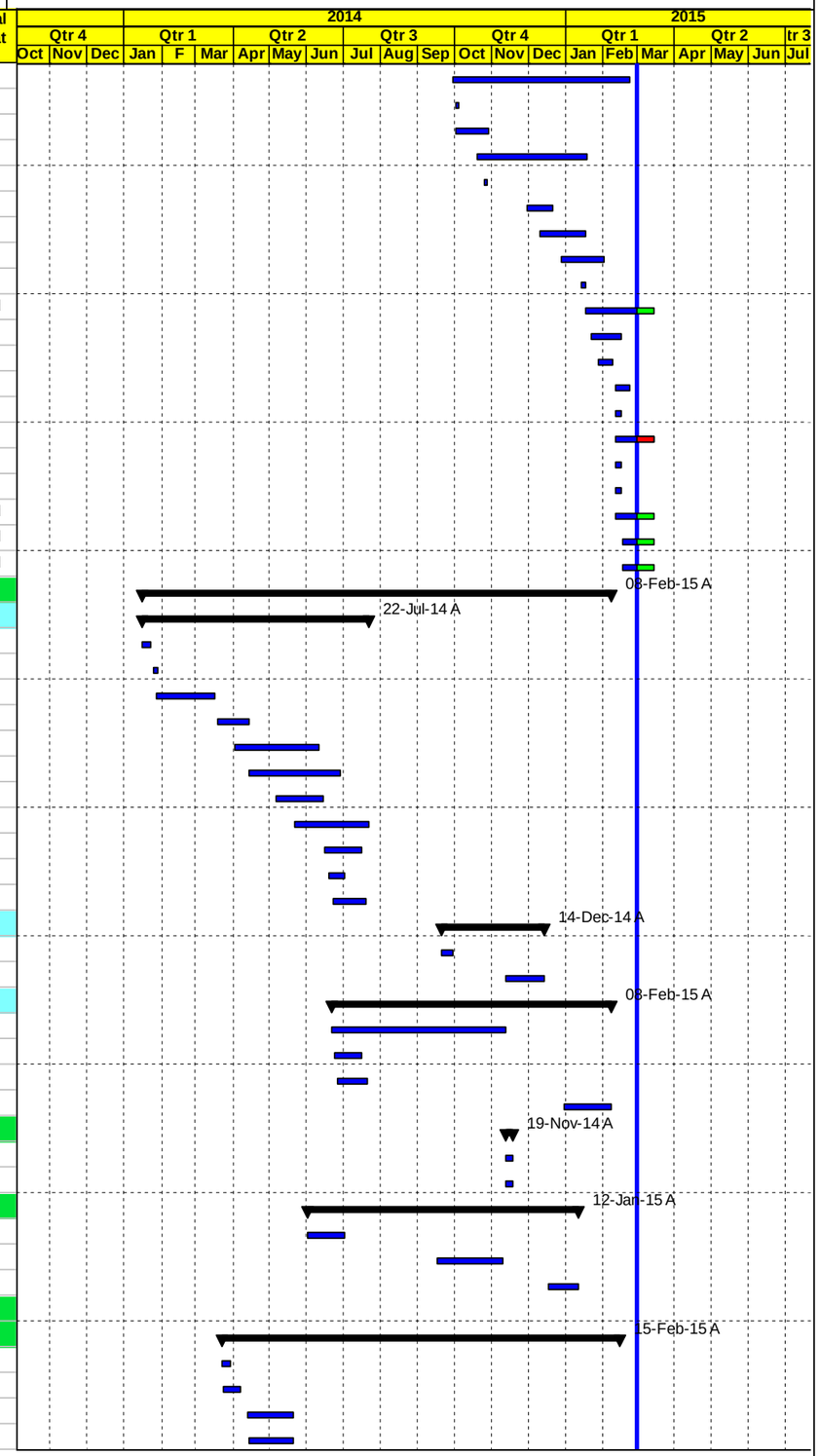
Date	Revision	Checked	Approved
04-Mar-15			

APCO ArCon
CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT3875-new	Structural & Mechanical Detail For Washout@Sta.5+894&Washout@Sta.7+192 &Washout @ Sta.10+600	21d	100%	30-Sep-14 A	23-Feb-15 A	
SHT0289	Structural & Mechanical for ARV at4+082 ,W.O at Sta.4+593 , ARV.4+991 , ARV 5+607 , ARV 6+040 & ARV 6+6	21d	100%	02-Oct-14 A	05-Oct-14 A	
SHT0281	Structural and Mechanical Detail for Beit Ummar Connection Chamber at Sta.3+485	21d	100%	02-Oct-14 A	29-Oct-14 A	
SHT0279	Structural and Mechanical Detail for Beit Ummar Flow Monitoring Chamber at Sta.4+625	21d	100%	20-Oct-14 A	19-Jan-15 A	
SHT0267	Structural and Mechanical detail For Deir Sha'ar Connection Chamber @ Sta.1+280	21d	100%	26-Oct-14 A	28-Oct-14 A	
SHT0280-new	Structural &Mech detail for 6" ARV Chamber at St.8+400, 6" ARV Chamber at St.8+878 &10" ARV Chamber at S	21d	100%	30-Nov-14 A	22-Dec-14 A	
SHT0273	Beit Ummar Connection & Washout at Sta.2+290 –and Al Aroub Connection at Sta.0+204	21d	100%	11-Dec-14 A	17-Jan-15 A	
SHT0287	Structural and Mechanical Detail for Karmi Tzure Connection Chamber at Sta.6+240	21d	100%	29-Dec-14 A	02-Feb-15 A	
SHT0297	Structural and Mechanical Detail for 100mm G.V at Sta.6+820 , 75mm ARV at Sta.8+397 and 75mm ARV at Sta.!	21d	100%	14-Jan-15 A	17-Jan-15 A	
SHT0278	Structural and Mechanical detail for Halhul Main Connection Chamber and Halhul Connection to Existing at Sta.8·	21d	50%	18-Jan-15 A	14-Mar-15	21d
SHT0265-new	Structural and Mechanical detail for Halhul Reservoir Flow Monitoring Chamber at Sta.11+900	21d	100%	22-Jan-15 A	16-Feb-15 A	
SHT0280	Structural and Mechanical 10" Indirect WO at St.9+600, 6" Indirect ARV at St.9+680 and 6" Indirect ARV at St. 10	21d	100%	28-Jan-15 A	09-Feb-15 A	
SHT0290	Structural and Mechanical Detail for Connection to Existing for Shahera Sta.1+111	21d	100%	11-Feb-15 A	23-Feb-15 A	
SHT4090	Structural and Mechanical Detail for Al Nabi Younis Gate Valve and Washout at Sta. 0+815	21d	100%	11-Feb-15 A	16-Feb-15 A	
SHT4110	Structural and Mechanical Detail for Zaboud Connection to existing @ Sta. 1+111	21d	50%	11-Feb-15 A	14-Mar-15	1d
SHT4120-new	Structural and Mechanical Detail for 75mm Washout at Shahera Sta.0+557	21d	100%	11-Feb-15 A	16-Feb-15 A	
SHT4130-new	Structural and Mechanical Detail for Al Nabi Younis Connection to Existing at Sta.0+780	21d	100%	11-Feb-15 A	16-Feb-15 A	
SHT0266-new	Structural and Mechanical Detail for Al Nabi Younis Connection to Existing at Sta.0+000	21d	50%	11-Feb-15 A	14-Mar-15	74d
SHT0300	Structural and Mechanical detail for: 6" Indirect ARV at Sta.11+210 and 10" Indirect W.O. at Sta.11+390	21d	50%	17-Feb-15 A	14-Mar-15	28d
SHT0270	Structural and Mechanical Detail for Halhul Reservoir Connection at Sta.11+850	21d	50%	17-Feb-15 A	14-Mar-15	21d
Concrete walls		351d		16-Jan-14 A	08-Feb-15 A	
Concrete walls Phase One		207d		16-Jan-14 A	22-Jul-14 A	
SHT0304-new	Retaining wall from Sta. Sta.7+093 to Sta.7+220 LHS total length (127LM)	21d	100%	16-Jan-14 A	23-Jan-14 A	
SHT0306-new	Formwork Design for Retaining Work	21d	100%	26-Jan-14 A	29-Jan-14 A	
SHT0305-new	Retaining wall from Sta.7+389 to Sta.7+419.5 LHS and from Sta.7+441 to Sta.7+505 LHS	21d	100%	28-Jan-14 A	17-Mar-14 A	
SHT0308-new	Retaining Wall from Sta.7+220 to Sta.7+376 LHS	21d	100%	19-Mar-14 A	15-Apr-14 A	
SHT0307-new	Retaining Wall from Sta.7+375 to Sta.7+391 LHS and from Sta.7+432 to Sta.7+438 LHS	21d	100%	03-Apr-14 A	11-Jun-14 A	
SHT0313-new	Retaining Wall from Sta.7+200 to Sta.7+220 LHS	21d	100%	14-Apr-14 A	29-Jun-14 A	
SHT0373-new	Stair @ Sta.7+505 LHS	21d	100%	07-May-14 A	15-Jun-14 A	
SHT0309-new	Retaining Wall at the access road at Sta.7+185 LHS	21d	100%	22-May-14 A	22-Jul-14 A	
SHT0312-new	Boundary Wall from Sta.6+935 to Sta.6+966 RHS and Retaining Wall from Sta.6+971 to Sta.7+036 RHS	21d	100%	16-Jun-14 A	16-Jul-14 A	
SHT0314-new	Retaining Wall from Sta.7+425 to Sta.7+430 RHS	21d	100%	19-Jun-14 A	02-Jul-14 A	
SHT0316-new	Retaining Wall from Sta.6+873 to Sta.6+950 LHS	21d	100%	23-Jun-14 A	20-Jul-14 A	
Concrete walls PhaseTwo		77d		21-Sep-14 A	14-Dec-14 A	
SHT0340-new	Retaining Wall from Sta.4+345 to Sta.4+365 RHS	21d	100%	21-Sep-14 A	30-Sep-14 A	
SHT0335-new	Retaining Wall from Sta.4+422 to Sta.4+440 LHS	21d	100%	12-Nov-14 A	14-Dec-14 A	
Concrete walls Phase Three		183d		22-Jun-14 A	08-Feb-15 A	
SHT0315-new	Retaining Wall from Sta.3+226.97 to Sta.3+295 RHS	21d	100%	22-Jun-14 A	12-Nov-14 A	
SHT0313	Concrete Gravity Wall from Sta.3+523 to Sta.3+537 RHS and from Sta.3+555 to Sta.3+573 RHS	21d	100%	24-Jun-14 A	17-Jul-14 A	
SHT0318-new	Retaining Wall from Sta.3+380 to Sta.3+464.92 RHS	21d	100%	26-Jun-14 A	21-Jul-14 A	
SHT0319-new	Retaining Wall from Sta.3+150 to Sta.3+220 RHS	21d	100%	31-Dec-14 A	08-Feb-15 A	
Stone Walls		21d		12-Nov-14 A	19-Nov-14 A	
SHT0320-new	Stone Walls St.4+335-4+343 R , St.4+370-4+379 R, .4+386-4+401 R, St.4+404-4+480 R, 4+483-St.4+491 R& S	21d	100%	12-Nov-14 A	19-Nov-14 A	
SHT0330-new	Stone Walls from Sta.4+440 to Sta.4+475 LHS , from Sta.4+478 to Sta.4+505 LHS and from Sta.4+509 to Sta.4+	21d	100%	12-Nov-14 A	19-Nov-14 A	
Pipe Culverts		183d		02-Jun-14 A	12-Jan-15 A	
SHT0317-new	Pipe Culvert at Sta.0+543 -Al Aroub Road	21d	100%	02-Jun-14 A	02-Jul-14 A	
SHT0333	Storm Water from Sta.7+940 to Sta.8+570	21d	100%	17-Sep-14 A	10-Nov-14 A	
SHT0336	Storm concrete system from Sta.7+180 to Sta.7+240 and from Sta.7+300 to Sta.7+345	21d	100%	18-Dec-14 A	12-Jan-15 A	
Concrete curbstone and side walk		0d				0d
Mitered Bends Schedule and fabrication		359d		23-Mar-14 A	15-Feb-15 A	
SHT1060-new	Mitered Bends Schedule and fabrication -8" Beit Ummar Local Network	21d	100%	23-Mar-14 A	30-Mar-14 A	
SHT0370-new	Manufacturer "Bermad" sizing of Deir Shaar Pressure Reducing Valve	21d	100%	24-Mar-14 A	07-Apr-14 A	
SHT0371-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 0+000 to St. 1+200.	21d	100%	13-Apr-14 A	21-May-14 A	
SHT0372-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 6+780 to St. 7+500	21d	100%	15-Apr-14 A	21-May-14 A	



◆ Milestone Early Bar — Actual Level of Effort — Level of Effort
Actual Work — Early Bar — Summary
◆ Milestone Actual — Critical Bar

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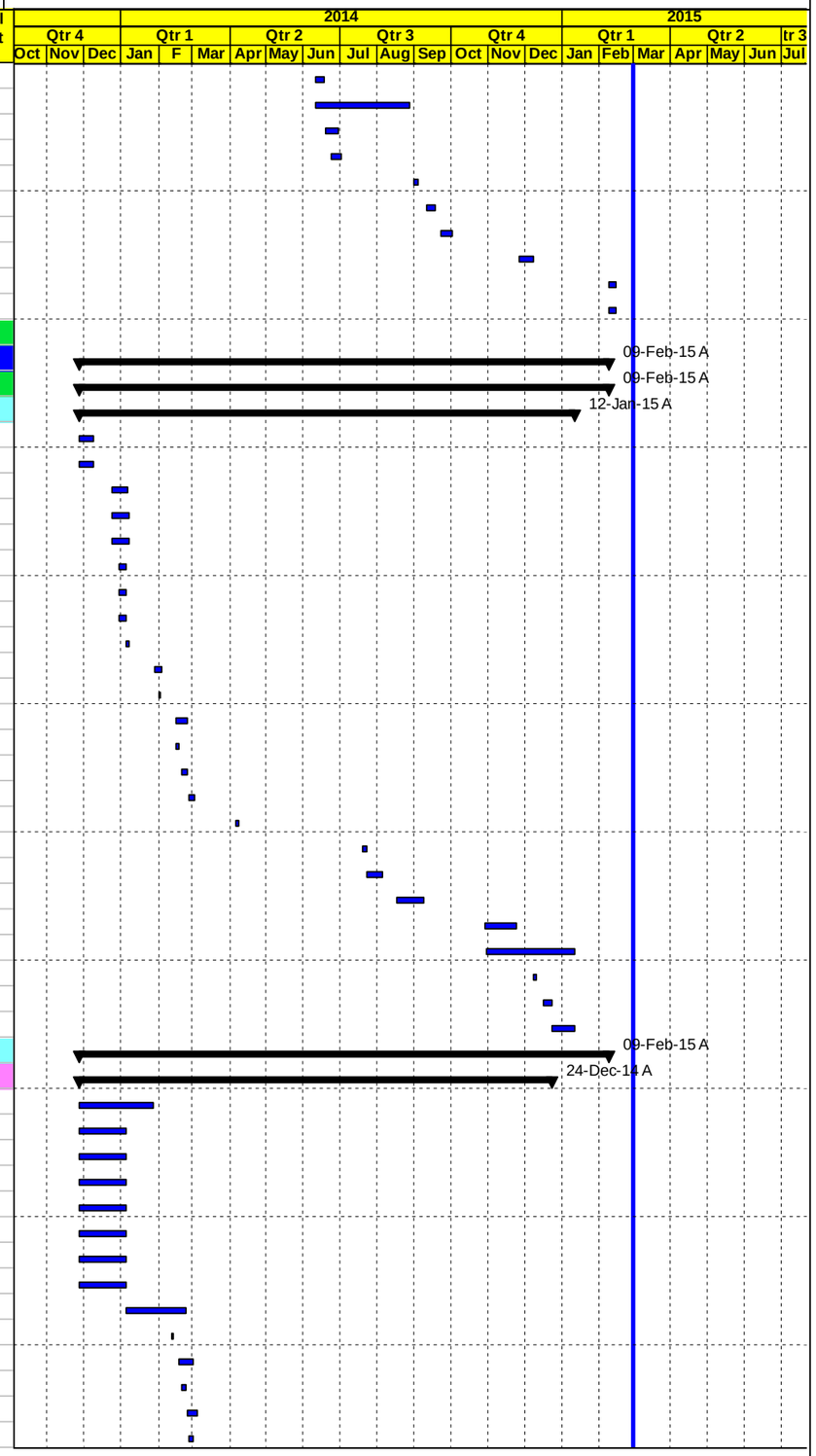
APCO ArCon
CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT0375-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 1+200 to St. 2+780	21d	100%	11-Jun-14 A	18-Jun-14 A	
SHT0374-new	Tee Fabrication Shop Drawings and calculation sheets 760 x 150 mm and 760 x 250 mm	21d	100%	11-Jun-14 A	28-Aug-14 A	
SHT0380-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 8+700 to St. 9+300	21d	100%	19-Jun-14 A	30-Jun-14 A	
SHT0381-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 2+780 to St. 3+900	21d	100%	24-Jun-14 A	02-Jul-14 A	
SHT0385-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 3+900 to St. 4+950	21d	100%	01-Sep-14 A	04-Sep-14 A	
SHT0386-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 7+500 to St. 8+700	21d	100%	11-Sep-14 A	18-Sep-14 A	
SHT0387-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 4+950 to St. 6+000	21d	100%	23-Sep-14 A	02-Oct-14 A	
SHT0388-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 6+000 to St. 6+780	21d	100%	27-Nov-14 A	08-Dec-14 A	
SHT0389-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 9+400 to St. 10+700	21d	100%	09-Feb-15 A	15-Feb-15 A	
SHT0390-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 10+700 to St. 11+610	21d	100%	09-Feb-15 A	15-Feb-15 A	
Others		0d				0d
Material Submittals		364d		28-Nov-13 A	09-Feb-15 A	
Submittals including Manufacturers Qualifications , Shop Test, Product Data		364d		28-Nov-13 A	09-Feb-15 A	
Material Submittal Roads		310d		28-Nov-13 A	12-Jan-15 A	
SHT0480	Cat eyes	21d	100%	28-Nov-13 A	09-Dec-13 A	
SHT0485	Thermoplastic paint	21d	100%	28-Nov-13 A	09-Dec-13 A	
SHT0380	Concrete Mix Design including cement type	21d	100%	25-Dec-13 A	07-Jan-14 A	
SHT0445	Bituminous Wearing Course-Mix Design	21d	100%	25-Dec-13 A	08-Jan-14 A	
SHT0500	Curbstone paint material	21d	100%	25-Dec-13 A	08-Jan-14 A	
SHT0490	Guard Rail	21d	100%	30-Dec-13 A	06-Jan-14 A	
SHT0460	Concrete joint sealant material	21d	100%	30-Dec-13 A	06-Jan-14 A	
SHT0425	Curbstone	21d	100%	30-Dec-13 A	06-Jan-14 A	
SHT0495	Traffic sign	21d	100%	05-Jan-14 A	08-Jan-14 A	
SHT0405	Base Course Source	21d	100%	29-Jan-14 A	04-Feb-14 A	
SHT0390	Steel Reinforcement	21d	100%	02-Feb-14 A	03-Feb-14 A	
SHT0455	Concrete Repair	21d	100%	16-Feb-14 A	25-Feb-14 A	
SHT0385	Formwork material	21d	100%	16-Feb-14 A	18-Feb-14 A	
SHT0566-new	Damp proofing	21d	100%	20-Feb-14 A	24-Feb-14 A	
SHT0565-new	Protection Board Sample	21d	100%	26-Feb-14 A	03-Mar-14 A	
SHT0567-new	Second source of base course	21d	100%	06-Apr-14 A	08-Apr-14 A	
SHT0440	Asphalt wearing	21d	100%	20-Jul-14 A	24-Jul-14 A	
SHT0445-new	Concrete Ready-Mix Design Class B35-Size 20 mm	21d	100%	24-Jul-14 A	05-Aug-14 A	
SHT0395	Precast water manhole	21d	100%	17-Aug-14 A	09-Sep-14 A	
SHT0505	Flexible electrical conduit	21d	100%	29-Oct-14 A	24-Nov-14 A	
SHT0465	Street Lighting including poles	21d	100%	30-Oct-14 A	12-Jan-15 A	
SHT0680-new	Concrete curing compound material	21d	100%	08-Dec-14 A	11-Dec-14 A	
SHT0415	Storm water pipes- PCP factory	21d	100%	17-Dec-14 A	24-Dec-14 A	
SHT0640	Cover for Storm water	21d	100%	24-Dec-14 A	12-Jan-15 A	
Material Submittals Pipelines including Hydraulic calculation and wiring diagrams, labeling schedule		364d		28-Nov-13 A	09-Feb-15 A	
Pipes		322d		28-Nov-13 A	24-Dec-14 A	
SHT0510	Steel pipeline 760 mm	21d	100%	28-Nov-13 A	28-Jan-14 A	
SHT0515	Steel pipeline 300 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0520	Steel pipeline 200 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0525	Steel pipeline 150 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0530	Steel pipeline 100 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0535	Steel pipeline 75 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0548	Steel pipeline 250 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0557	Steel pipeline 50 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0559	Shrinkable sheet	21d	100%	05-Jan-14 A	24-Feb-14 A	
SHT0543	Bedding material	21d	100%	12-Feb-14 A	13-Feb-14 A	
SHT0560	Warning tape	21d	100%	18-Feb-14 A	02-Mar-14 A	
SHT0547	Backfilling material	21d	100%	20-Feb-14 A	24-Feb-14 A	
SHT0561-new	Non-shrink cementation mortar - Fosroc	21d	100%	25-Feb-14 A	05-Mar-14 A	
SHT0562-new	4" PVC Weep Pipe	21d	100%	26-Feb-14 A	02-Mar-14 A	



Milestone Early Bar
Actual Work
Milestone Actual
Actual Level of Effort
Early Bar
Critical Bar
Level of Effort
Summary

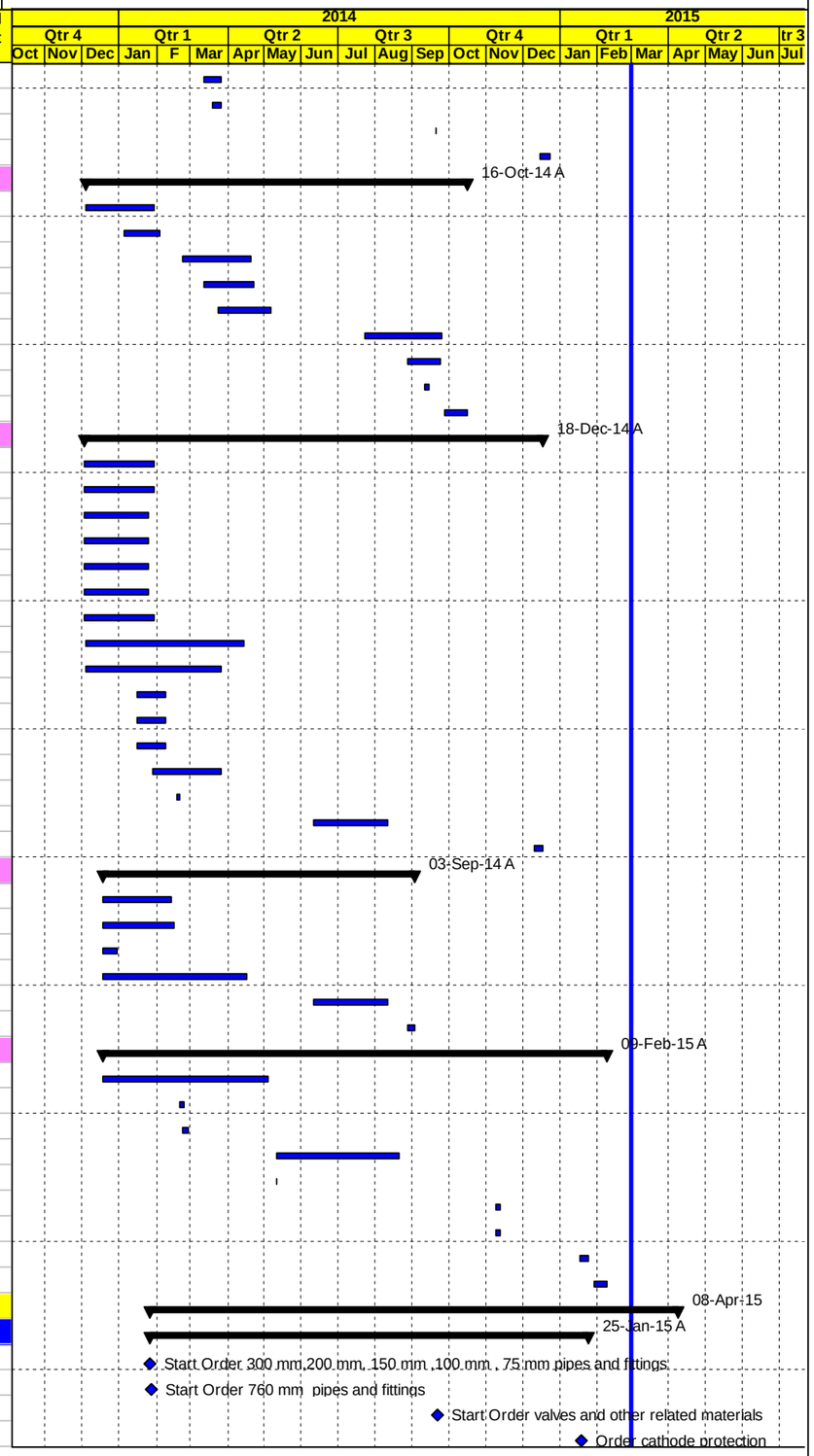
Date	Revision	Checked	Approved
04-Mar-15			

APCO ArCon
CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT0564-new	Finish paint for exposed pipes/fittings and pipes/fittings inside chambers_ FOSROC_Nitocote EP	21d	100%	13-Mar-14 A	27-Mar-14 A	
SHT0563-new	Galvanized Steel pipeline 0.5", 0.75",1",1.5",2"	21d	100%	19-Mar-14 A	26-Mar-14 A	
SHT0569-new	Steel pipes -16", 20" and 24"	21d	100%	20-Sep-14 A	21-Sep-14 A	
SHT0570-new	400 mm UPVC pipes SN 8	21d	100%	15-Dec-14 A	24-Dec-14 A	
Manholes and chambers		270d		05-Dec-13 A	16-Oct-14 A	
SHT0563	Air ventilation pipes	21d	100%	05-Dec-13 A	30-Jan-14 A	
SHT0575	Steel flanges	21d	100%	05-Jan-14 A	04-Feb-14 A	
SHT0580	Flange Gaskets_Klinger	21d	100%	23-Feb-14 A	20-Apr-14 A	
SHT0590	Epoxy coating	21d	100%	13-Mar-14 A	23-Apr-14 A	
SHT0585	Bolts ,washers & nuts	21d	100%	24-Mar-14 A	07-May-14 A	
SHT0584-new	Pre Cast Concrete for Water Chamber 1.50m *1.5m*2.0m	21d	100%	24-Jul-14 A	25-Sep-14 A	
SHT0568	Steel Manhole Cover for Storm System and Water System	21d	100%	28-Aug-14 A	24-Sep-14 A	
SHT0592-new	Adjustable support for pipes & Fittings inside chambers.	21d	100%	11-Sep-14 A	15-Sep-14 A	
SHT0570	Manholes Rungs	21d	100%	28-Sep-14 A	16-Oct-14 A	
Valves & fittings including Design calculations of fitting		298d		04-Dec-13 A	18-Dec-14 A	
SHT0600	Butterfly. valves 760 mm	21d	100%	04-Dec-13 A	30-Jan-14 A	
SHT0605	Butterfly.valves 500 mm	21d	100%	04-Dec-13 A	30-Jan-14 A	
SHT0615	Gate valves 250. with Actuators	21d	100%	04-Dec-13 A	26-Jan-14 A	
SHT0620	Gate valves 150 with Actuators	21d	100%	04-Dec-13 A	26-Jan-14 A	
SHT0625	Gate valves 100. with Actuators	21d	100%	04-Dec-13 A	26-Jan-14 A	
SHT0630	Gate valves 75.	21d	100%	04-Dec-13 A	26-Jan-14 A	
SHT0610	Butterfly. valves400 mm	21d	100%	04-Dec-13 A	30-Jan-14 A	
SHT0645	Combination Air relief valves	21d	100%	05-Dec-13 A	14-Apr-14 A	
SHT0655	Dismantling Joint	21d	100%	05-Dec-13 A	27-Mar-14 A	
SHT0660	Steel Elbows	21d	100%	16-Jan-14 A	09-Feb-14 A	
SHT0665	Steel Tees	21d	100%	16-Jan-14 A	09-Feb-14 A	
SHT0670	Steel reducers	21d	100%	16-Jan-14 A	09-Feb-14 A	
SHT0650	Mechanical coupling	21d	100%	29-Jan-14 A	27-Mar-14 A	
SHT0691-new	Galvanized Malleable Iron Fittings up to 2"- Modal	21d	100%	18-Feb-14 A	20-Feb-14 A	
SHT0675	Electro magnetic flow Water meters	21d	100%	11-Jun-14 A	12-Aug-14 A	
SHT0685-new	Washout Flap Valve	21d	100%	11-Dec-14 A	18-Dec-14 A	
Control Valves		209d		19-Dec-13 A	03-Sep-14 A	
SHT0700	Pressure reducing valves	21d	100%	19-Dec-13 A	13-Feb-14 A	
SHT0705	Flow control valves	21d	100%	19-Dec-13 A	16-Feb-14 A	
SHT0710	Pressure relief valves	21d	100%	19-Dec-13 A	31-Dec-13 A	
SHT0740	Swing check valve (8"-PN16)	21d	100%	19-Dec-13 A	17-Apr-14 A	
SHT0730	Electro-Magnetic water meter-Siemens	21d	100%	11-Jun-14 A	12-Aug-14 A	
SHT0750-new	Ball Valve-Tyco F120 for Pressure Gauge	21d	100%	28-Aug-14 A	03-Sep-14 A	
Others		336d		19-Dec-13 A	09-Feb-15 A	
SHT0785	Strainers.	21d	100%	19-Dec-13 A	05-May-14 A	
SHT0788	protective lining and coating	21d	100%	20-Feb-14 A	24-Feb-14 A	
SHT0911-new	Spacers	5d	100%	23-Feb-14 A	27-Feb-14 A	
SHT1065-new	Pressure Gauge	21d	100%	11-May-14 A	21-Aug-14 A	
SHT1067-new	Elcometer 280	21d	100%	11-May-14 A	12-May-14 A	
SHT1070-new	Electrical cables for lighting poles	21d	100%	09-Nov-14 A	12-Nov-14 A	
SHT1075-new	Street luminaries-lamp and accessories	21d	100%	09-Nov-14 A	12-Nov-14 A	
SHT1001	Bladder Surge System	21d	100%	18-Jan-15 A	25-Jan-15 A	
SHT1011-new	Electrical panel for water metering chambers	21d	100%	29-Jan-15 A	09-Feb-15 A	
Procurements		466d		27-Jan-14 A	08-Apr-15	27d
Order		323d		27-Jan-14 A	25-Jan-15 A	
SHT0920	Start Order 300 mm,200 mm, 150 mm ,100 mm , 75 mm pipes and fittings	0d	100%	27-Jan-14 A		
SHT0930	Start Order 760 mm pipes and fittings	0d	100%	27-Jan-14 A		
SHT0940	Start Order valves and other related materials	0d	100%	22-Sep-14 A		
SHT1120-new	Order cathode protection	0d	100%	19-Jan-15 A		



Milestone Early Bar | Actual Level of Effort | Level of Effort
Actual Work | Early Bar | Summary
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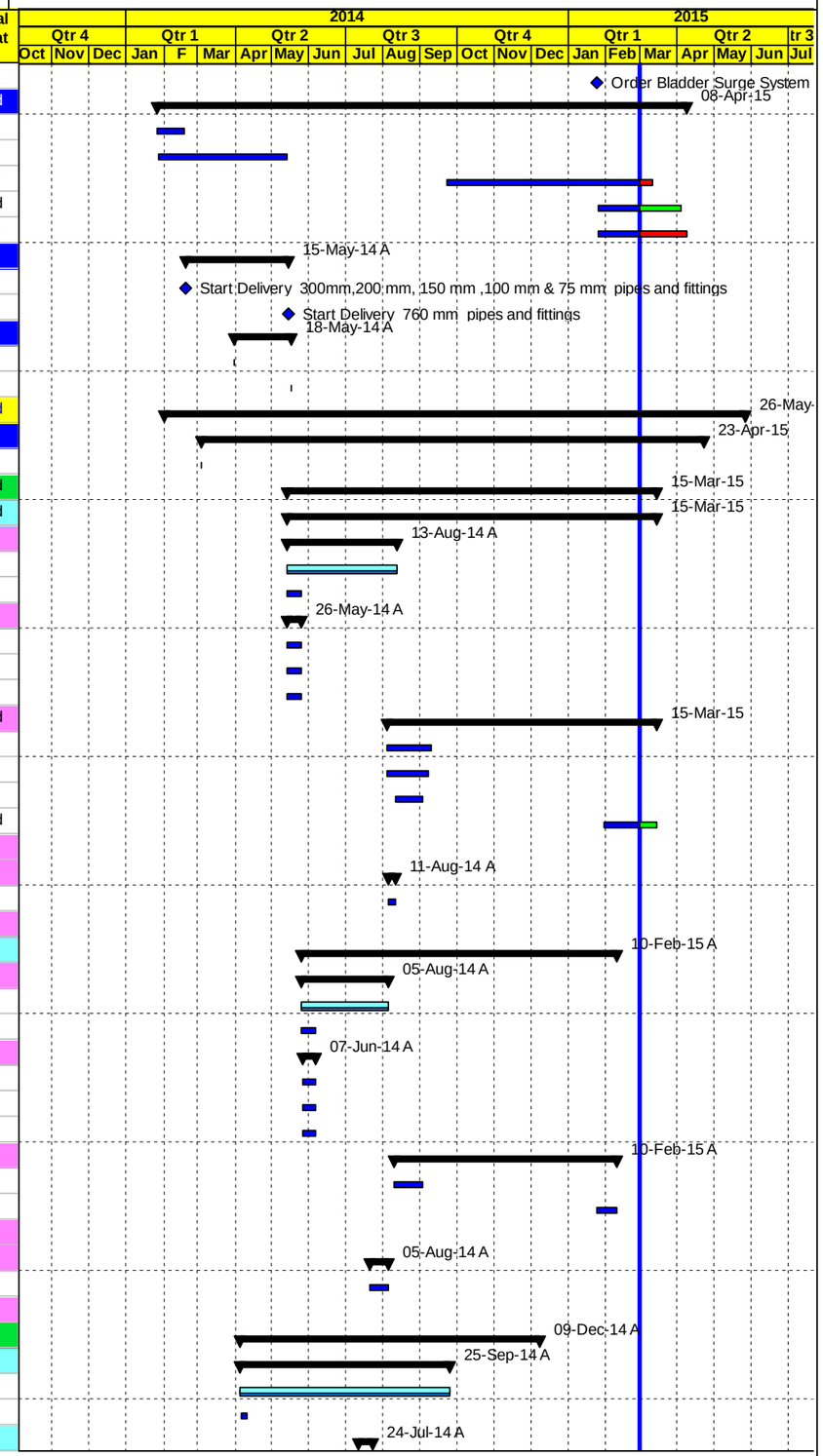
APCO ArCon
CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT1071-new	Order Bladder Surge System	0d	100%	25-Jan-15 A		
Manufacturing		466d		27-Jan-14 A	08-Apr-15	27d
SHT0960	300 mm,200 mm, 150 mm ,100 mm , 75 mm pipes and fittings	46d	100%	27-Jan-14 A	18-Feb-14 A	
SHT0970	760 mm pipes and fittings	87d	100%	27-Jan-14 A	14-May-14 A	
SHT0980	valves and other related materials	100d	90%	23-Sep-14 A	11-Mar-15	0d
SHT1130-new	Cathode protection	70d	50%	26-Jan-15 A	04-Apr-15	30d
SHT1080-new	Bladder Surge System	70d	45%	26-Jan-15 A	08-Apr-15	0d
Delivery		67d		19-Feb-14 A	15-May-14 A	
SHT1000	Start Delivery 300mm,200 mm, 150 mm ,100 mm & 75 mm pipes and fittings	0d	100%	19-Feb-14 A		
SHT1010	Start Delivery 760 mm pipes and fittings	0d	100%	15-May-14 A		
Testing		44d		31-Mar-14 A	18-May-14 A	
SHT1040	Start Testing 300 mm,200 mm, 150 mm ,100 mm , 75 mm pipes and fittings	3d	100%	31-Mar-14 A	31-Mar-14 A	
SHT1050	Start Testing 760 mm pipes and fittings	3d	100%	18-May-14 A	18-May-14 A	
Construction		414d		01-Feb-14 A	26-May-15	13d
Phase #1 Beit Ummar, Al Arrub-Beit Ummar & Halhul Networks		321d		04-Mar-14 A	23-Apr-15	1d
SHT1174	Start Implement traffic control Phase one	5d	100%	04-Mar-14 A	04-Mar-14 A	
Beit Ummar Water Distribution network		319d		13-May-14 A	15-Mar-15	30d
Beit Ummar Water Distribution network From Sta. 0+000 to Sta. 1+200		319d		13-May-14 A	15-Mar-15	30d
Safety, saw cut asphalt and milling		59d		13-May-14 A	13-Aug-14 A	
SHT1175	Maintain traffic control and safety plan ,coordination with local and all parties	59d	100%	13-May-14 A	13-Aug-14 A	
SHT1180	saw cut asphalt	3d	100%	14-May-14 A	26-May-14 A	
Pipe Installation		31d		14-May-14 A	26-May-14 A	
SHT1185	Trench excavation for 200 mm Dist. pipeline with length approx. (1200 LM)	21d	100%	14-May-14 A	26-May-14 A	
SHT1190	Bedding layer & install the above dist.Steel pipeline including required welding inspection	21d	100%	14-May-14 A	26-May-14 A	
SHT1195	Backfill the pipe trench with approved materials to the required level including 20 cm base course	21d	100%	14-May-14 A	26-May-14 A	
Civil Chamber work		126d		04-Aug-14 A	15-Mar-15	25d
SHT1200	Construct - Gate Valve chamber (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.0+011	16d	100%	04-Aug-14 A	10-Sep-14 A	
SHT1205	Construct - Wash out chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.0+060	12d	100%	04-Aug-14 A	07-Sep-14 A	
SHT1255-new	Construct - ARV chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.1+092	12d	100%	11-Aug-14 A	03-Sep-14 A	
SHT1400-new	Construct - Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ Sta.0+804	12d	5%	31-Jan-15 A	15-Mar-15	25d
Testing		0d				0d
Asphalt		7d		06-Aug-14 A	11-Aug-14 A	
SHT1215	Asphalt Reinstatement over pipe trench including prime coat and 5 cm asphalt wearing layer	7d	100%	06-Aug-14 A	11-Aug-14 A	
Mechanical Chambers work		0d				0d
Beit Ummar Water Distribution network From Sta. 1+200 to Sta. 2+311		167d		26-May-14 A	10-Feb-15 A	
Safety, saw cut asphalt and milling		56d		26-May-14 A	05-Aug-14 A	
SHT1220	Maintain traffic control and safety plan ,coordination with local and all parties	54d	100%	26-May-14 A	05-Aug-14 A	
SHT1225	Saw cut asphalt	3d	100%	26-May-14 A	07-Jun-14 A	
Pipe Installation		21d		27-May-14 A	07-Jun-14 A	
SHT1235	Bedding layer & install the above dist.Steel pipeline including required welding inspection	21d	100%	27-May-14 A	07-Jun-14 A	
SHT1240	Backfill the pipe trench with approved materials to the required level including 20 cm base course	21d	100%	27-May-14 A	07-Jun-14 A	
SHT1230	Trench excavation for 200 mm Dist. pipeline with length approx. (1111 LM)	21d	100%	27-May-14 A	07-Jun-14 A	
Civil Chamber work		34d		10-Aug-14 A	10-Feb-15 A	
SHT1245	Construct - Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ 1+227	12d	100%	10-Aug-14 A	03-Sep-14 A	
SHT1250	Construct - Connection to existing and Wash out chamber (DN 200&75mm, pipeline Dia 200mm, PN16) @ 2+2	21d	100%	24-Jan-15 A	10-Feb-15 A	
Testing		0d				0d
Asphalt		7d		21-Jul-14 A	05-Aug-14 A	
SHT1260	Asphalt Reinstatement over pipe trench including prime coat and 5 cm asphalt wearing layer	7d	100%	21-Jul-14 A	05-Aug-14 A	
Mechanical Chambers work		0d				0d
Al Arrub-Beit Ummar Water Distribution network From Sta. 0+000 to Sta. 1+086		279d		05-Apr-14 A	09-Dec-14 A	
Safety, saw cut asphalt and milling		112d		05-Apr-14 A	25-Sep-14 A	
SHT1265	Maintain traffic control and safety plan ,coordination with local and all parties	112d	100%	05-Apr-14 A	25-Sep-14 A	
SHT1270	Road excavation and backfilling to the required sub grade levels	3d	100%	06-Apr-14 A	11-Apr-14 A	
Pipe Installation		45d		12-Jul-14 A	24-Jul-14 A	



◆ Milestone Early Bar — Actual Level of Effort — Level of Effort
Actual Work — Early Bar — Summary
◆ Milestone Actual — Critical Bar

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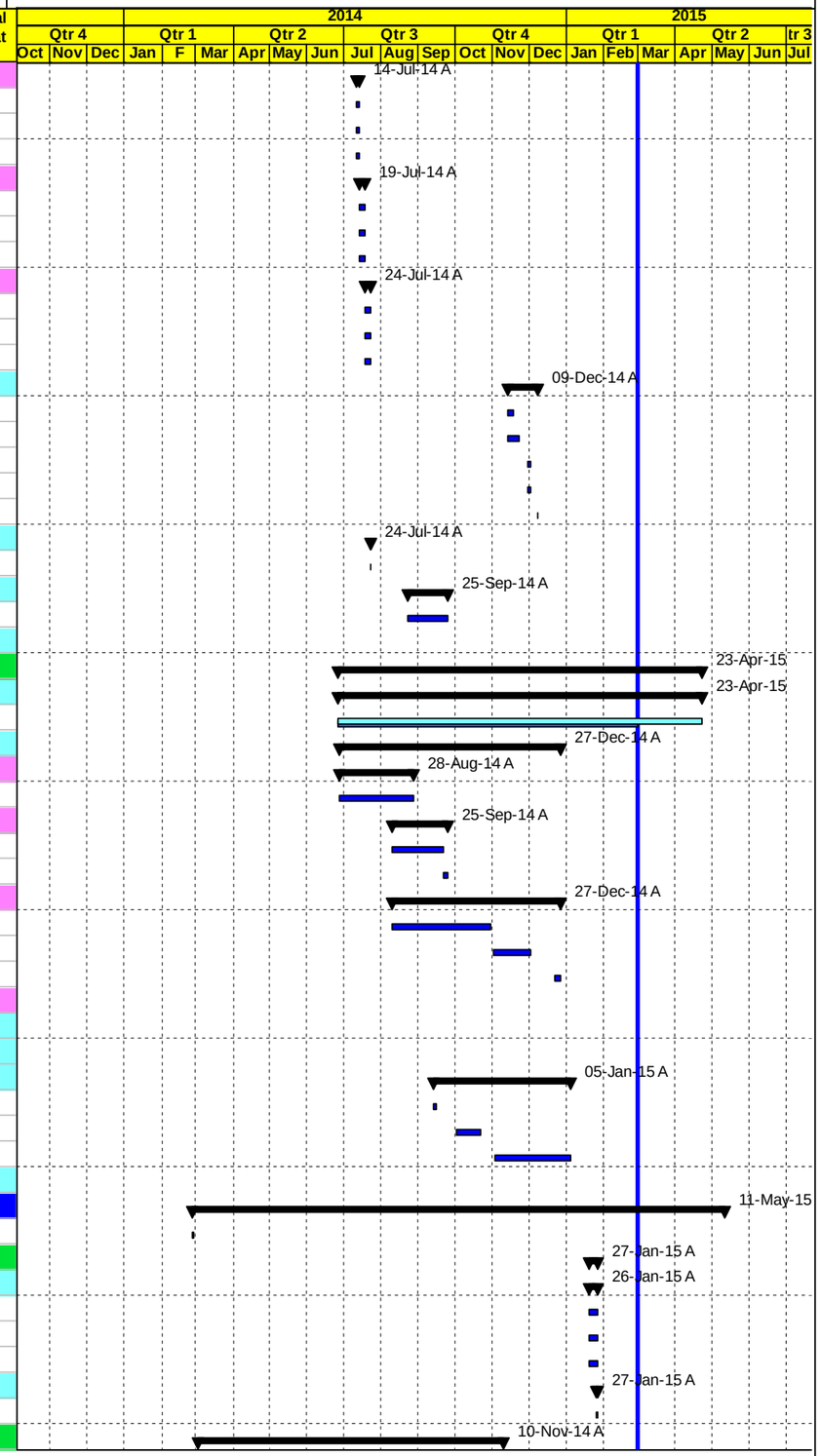
APCO ArCon
CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
150 mm Dist. pipelines		26d		12-Jul-14 A	14-Jul-14 A	
SHT1275	Trench excavation for 150 mm Dist. pipelines from Sta. 0+000 - 0+200) with length approx. (200 LM)	5d	100%	12-Jul-14 A	14-Jul-14 A	
SHT1280	Bedding layer & install the above dist.Steel pipelines including required welding inspection	5d	100%	12-Jul-14 A	14-Jul-14 A	
SHT1282	Backfill the pipe trench with approved materials to the required level including 20 cm base course	5d	100%	12-Jul-14 A	14-Jul-14 A	
Double 150 & 100 mm Dist. pipelines		10d		14-Jul-14 A	19-Jul-14 A	
SHT1285	Trench excavation for Double 150 & 100 mm Dist. pipelines from Sta. 0+200 - 0+595 with length approx. (395 LM	9d	100%	14-Jul-14 A	19-Jul-14 A	
SHT1287	Bedding layer & install the above dist.Steel pipelines including required welding inspection	9d	100%	14-Jul-14 A	19-Jul-14 A	
SHT1289	Backfill the pipe trench with approved materials to the required level including 20 cm base course	9d	100%	14-Jul-14 A	19-Jul-14 A	
100 mm Dist. pipeline		10d		19-Jul-14 A	24-Jul-14 A	
SHT1290	Trench excavation for 100 mm Dist. pipeline from sta. 0+595 to 1+086 with length approx. (491 LM)	8d	100%	19-Jul-14 A	24-Jul-14 A	
SHT1293	Bedding layer & install the above dist.Steel pipelines including required welding inspection	9d	100%	19-Jul-14 A	24-Jul-14 A	
SHT1298	Backfill the pipe trench with approved materials to the required level including 20 cm base course	9d	100%	19-Jul-14 A	24-Jul-14 A	
Civil Chamber work		41d		14-Nov-14 A	09-Dec-14 A	
SHT1295	Construct - Wash out chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.0+537	13d	100%	14-Nov-14 A	19-Nov-14 A	
SHT1295-new	Construct - Wash out chamber (DN 50mm, pipeline Dia 100mm, PN16) @ Sta. 0+540	13d	100%	14-Nov-14 A	23-Nov-14 A	
SHT1305	Construct - Gate Valve chamber (DN 100mm, pipeline Dia 100mm, PN16) @ Sta.0+710,	13d	100%	30-Nov-14 A	03-Dec-14 A	
SHT1309-new	Construct - Connection chamber to existing (DN 150mm, pipeline Dia150mm, PN16) @ Sta.0+584	14d	100%	30-Nov-14 A	03-Dec-14 A	
SHT1307-new	Construct - Connection chamber to existing (DN 100mm, pipeline Dia100mm, PN16) @ Sta.0+204	13d	100%	08-Dec-14 A	09-Dec-14 A	
Testing		1d		24-Jul-14 A	24-Jul-14 A	
SHT1307	Radiographic Testing (RT)	1d	100%	24-Jul-14 A	24-Jul-14 A	
Base course and Asphalt		12d		23-Aug-14 A	25-Sep-14 A	
SHT1324	Basecourse 20 cm layer	12d	100%	23-Aug-14 A	25-Sep-14 A	
Mechanical Chambers work		0d				0d
Halhul Water Distribution Network All Segments		142d		26-Jun-14 A	23-Apr-15	1d
Safety, saw cut asphalt and milling		104d		26-Jun-14 A	23-Apr-15	1d
SHT1320	Maintain traffic control and safety plan ,coordination with local and all parties	104d	90%	26-Jun-14 A	23-Apr-15	1d
Pipe Installation		141d		28-Jun-14 A	27-Dec-14 A	
Zaboud-Halhul		22d		28-Jun-14 A	28-Aug-14 A	
SHT1330	Trench excavation ,Bedding ,install and backfill for 200 mm Dist.Zaboud Water Pipeline from Sta.0+000 to Sta.1+	22d	100%	28-Jun-14 A	28-Aug-14 A	
Shahera-Halhul		41d		10-Aug-14 A	25-Sep-14 A	
SHT3852-new	Trench excavation ,Bedding ,install and backfill for Shahera Pipeline 200 mm from St.0+000 -1+120	22d	100%	10-Aug-14 A	22-Sep-14 A	
SHT1340-new	Trench excavation ,Bedding ,install and backfill for Shahera Pipeline 100 mm 1+120 -1+334	4d	100%	22-Sep-14 A	25-Sep-14 A	
Nabi Yunis-Halhul		111d		10-Aug-14 A	27-Dec-14 A	
SHT3854-new	Trench excavation ,Bedding ,install and backfill for Al Nabi Younes 200 mm from St.0+000 -0+800	22d	100%	10-Aug-14 A	30-Oct-14 A	
SHT1335	Trench excavation ,Bedding ,install and backfill for Al Nabi Younes 150 mm 0+800 -1+750	8d	100%	02-Nov-14 A	02-Dec-14 A	
SHT1340	Trench excavation ,Bedding ,install and backfill Pipeline for Rmoaz 100 mm 0+800 -1+600	10d	100%	23-Dec-14 A	27-Dec-14 A	
Hawawer-Halhul		0d				0d
Civil Chamber work		0d				0d
Testing		0d				0d
Asphalt		71d		13-Sep-14 A	05-Jan-15 A	
SHT1485-new	Asphalt Reinstatement Zaboud	5d	100%	13-Sep-14 A	16-Sep-14 A	
SHT1375	Asphalt Reinstatement Shahera-	5d	100%	02-Oct-14 A	22-Oct-14 A	
SHT1380	Asphalt Reinstatement Nabi Yunis-Halhul	5d	100%	03-Nov-14 A	05-Jan-15 A	
Mechanical Chambers work		0d				0d
Phase #2 Main pipelines, Network & Road Works St. 0+000 to 6+220		407d		26-Feb-14 A	11-May-15	6d
SHT1097	Start Implement traffic control Phase Three	5d	100%	26-Feb-14 A	27-Feb-14 A	
Main pipelines St.0+000 to 0+143 (Reconstruction Agricultural Road)		16d		19-Jan-15 A	27-Jan-15 A	
Pipe Installation		7d		19-Jan-15 A	26-Jan-15 A	
SHT3880	Trench excavation for 760 mm main Pipeline with length approx. (143 LM)	7d	100%	19-Jan-15 A	26-Jan-15 A	
SHT3890	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	7d	100%	19-Jan-15 A	26-Jan-15 A	
SHT3900	Backfill the pipe trench with approved materials to the required level	7d	100%	19-Jan-15 A	26-Jan-15 A	
Topping		5d		26-Jan-15 A	27-Jan-15 A	
SHT3901	Final Finish Sub grade & Topping	5d	100%	26-Jan-15 A	27-Jan-15 A	
Main pipelines From Sta.0+143 to Sta.0+630 (Reconstruction Agricultural Road)		305d		02-Mar-14 A	10-Nov-14 A	



Milestone Early Bar | Actual Level of Effort | Level of Effort
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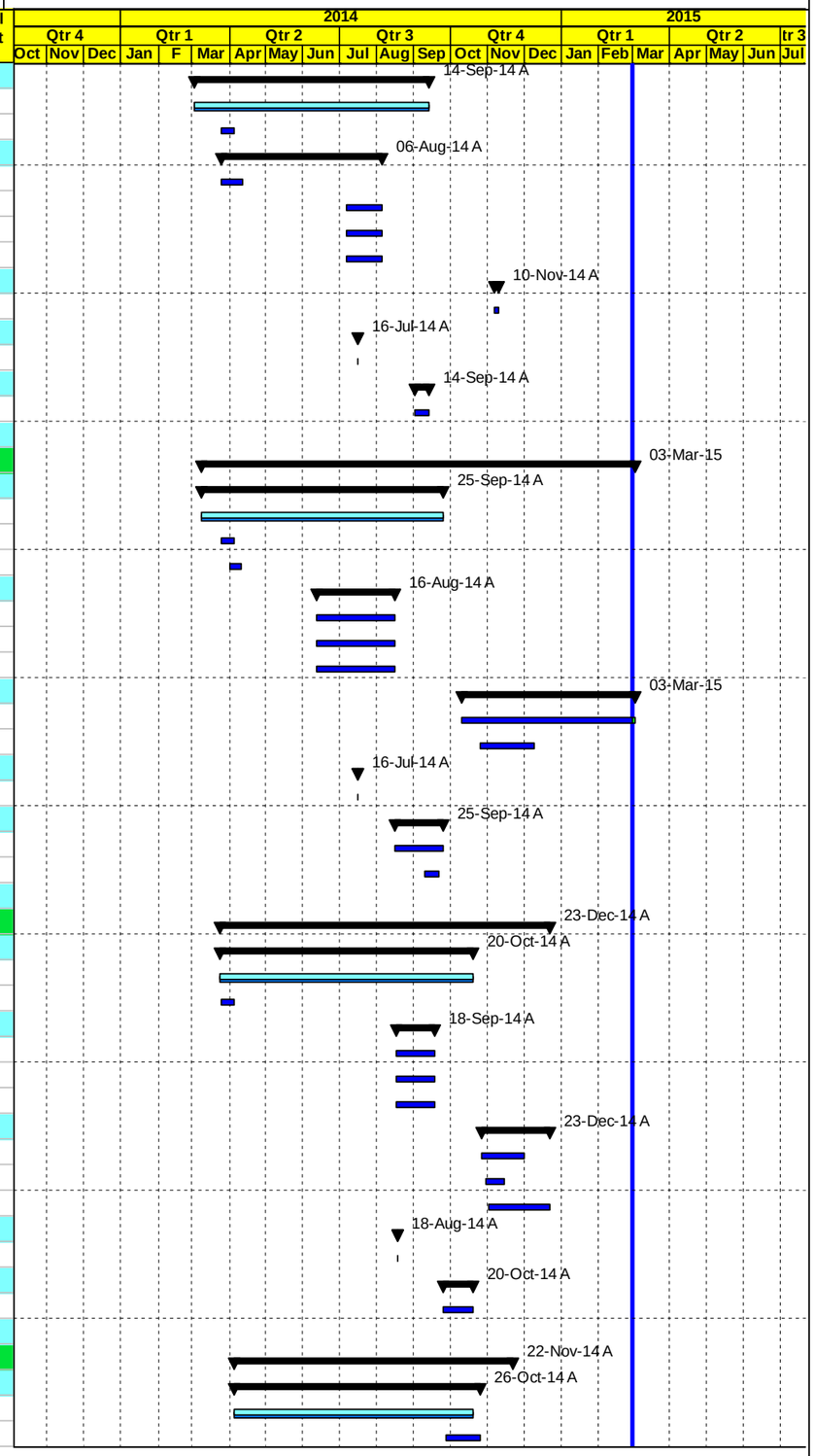
CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Safety and Excavation Works		131d		02-Mar-14 A	14-Sep-14 A	
SHT1506	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	131d	100%	02-Mar-14 A	14-Sep-14 A	
SHT1507	Road excavation and backfilling to the required sub grade levels	20d	100%	25-Mar-14 A	05-Apr-14 A	
Pipe Installation		118d		25-Mar-14 A	06-Aug-14 A	
SHT1507-new	Rock breaking (Digging)	10d	100%	25-Mar-14 A	12-Apr-14 A	
SHT1508	Trench excavation for 760 mm main pipeline from 0+143 to sta.0+630 with length approx. (487 LM)	18d	100%	07-Jul-14 A	06-Aug-14 A	
SHT1520	Backfill the pipe trench with approved materials to the required level	18d	100%	07-Jul-14 A	06-Aug-14 A	
SHT1510	Bedding layer & install the above main Steel pipeline with required welding inspection and sectional testing (UT)	18d	100%	07-Jul-14 A	06-Aug-14 A	
Civil Chamber work		11d		07-Nov-14 A	10-Nov-14 A	
SHT1550	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.0+620	11d	100%	07-Nov-14 A	10-Nov-14 A	
Testing		1d		16-Jul-14 A	16-Jul-14 A	
SHT1553	Radiographic Testing (RT)	1d	100%	16-Jul-14 A	16-Jul-14 A	
Base course & Stone Wall		14d		02-Sep-14 A	14-Sep-14 A	
SHT1560	Final Finish Sub grade & Topping st. 0+140 to st. 0+630	14d	100%	02-Sep-14 A	14-Sep-14 A	
Mechanical Chambers work-1		0d				0d
Main pipelines From Sta.0+630 to Sta.1+400 (Reconstruction Agricultural Road)		273d		08-Mar-14 A	03-Mar-15	52d
Safety and Excavation Works		151d		08-Mar-14 A	25-Sep-14 A	
SHT1570	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	140d	100%	08-Mar-14 A	25-Sep-14 A	
SHT1580	Road excavation and backfilling to the required sub grade levels	21d	100%	25-Mar-14 A	05-Apr-14 A	
SHT1587-new	Rock breaking (Digging)	10d	100%	01-Apr-14 A	11-Apr-14 A	
Pipe Installation		21d		12-Jun-14 A	16-Aug-14 A	
SHT1590	Trench excavation for 760 mm main pipeline from 0+630 to sta.1+400 with length approx. (770 LM)	21d	100%	12-Jun-14 A	16-Aug-14 A	
SHT1600	Bedding layer & install the above main Steel pipeline with required welding inspection and sectional testing (UT)	21d	100%	12-Jun-14 A	16-Aug-14 A	
SHT1610	Backfill the pipe trench with approved materials to the required level	21d	100%	12-Jun-14 A	16-Aug-14 A	
Civil Chamber work		31d		11-Oct-14 A	03-Mar-15	43d
SHT1540	Construct Main Connection chamber (DN 500mm, pipeline Dia 760mm, PN25)@ Sta.1+280	21d	90%	11-Oct-14 A	03-Mar-15	43d
SHT1620	Construct - ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.0+743	21d	100%	26-Oct-14 A	10-Dec-14 A	
Testing		1d		16-Jul-14 A	16-Jul-14 A	
SHT1623	Radiographic Testing (RT)	1d	100%	16-Jul-14 A	16-Jul-14 A	
Topping and Base course		90d		16-Aug-14 A	25-Sep-14 A	
SHT1630	20 cm base course layer from Sta.1+200 to 1+400	16d	100%	16-Aug-14 A	25-Sep-14 A	
SHT1920	Topping from Sta.0+630 to 1+200	13d	100%	10-Sep-14 A	22-Sep-14 A	
Mechanical Chambers work		0d				0d
Main pipelines From Sta.1+400 to Sta.2+200 (Reconstruction Agricultural Road)		301d		24-Mar-14 A	23-Dec-14 A	
Safety , Excavation Works and Pipe Culvert		202d		24-Mar-14 A	20-Oct-14 A	
SHT1640	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	201d	100%	24-Mar-14 A	20-Oct-14 A	
SHT1650	Road excavation and backfilling to the required sub grade levels	20d	100%	25-Mar-14 A	05-Apr-14 A	
Pipe Installation		21d		17-Aug-14 A	18-Sep-14 A	
SHT1670	Trench excavation for 760 mm main pipeline from 1+400 to sta.2+200 with length approx. (800 LM)	21d	100%	17-Aug-14 A	18-Sep-14 A	
SHT1680	Bedding layer & install the above main Steel pipeline with required welding inspection and sectional testing (UT)	21d	100%	17-Aug-14 A	18-Sep-14 A	
SHT1690	Backfill the pipe trench with approved materials to the required level	21d	100%	17-Aug-14 A	18-Sep-14 A	
Civil Chamber work		46d		27-Oct-14 A	23-Dec-14 A	
SHT1710	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 1+942	21d	100%	27-Oct-14 A	01-Dec-14 A	
SHT1700	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.1+530	21d	100%	30-Oct-14 A	15-Nov-14 A	
SHT1720	Construct -Al Arrub Connection chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.2+070 LHS	22d	100%	02-Nov-14 A	23-Dec-14 A	
Testing		1d		18-Aug-14 A	18-Aug-14 A	
SHT1724	Radiographic Testing (RT) Workshop	1d	100%	18-Aug-14 A	18-Aug-14 A	
Base course & Stone Wall		16d		25-Sep-14 A	20-Oct-14 A	
SHT1730	Final Finish Sub grade & 20 cm base course layer from 1+400 to 2+200	16d	100%	25-Sep-14 A	20-Oct-14 A	
Mechanical Chambers work		0d				0d
Main pipelines From Sta.2+200 to Sta.2+780		196d		05-Apr-14 A	22-Nov-14 A	
Safety , Excavation Works and Pipe Culvert		101d		05-Apr-14 A	26-Oct-14 A	
SHT1740	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	101d	100%	05-Apr-14 A	20-Oct-14 A	
SHT1750	Road excavation and backfilling to the required sub grade levels	21d	100%	28-Sep-14 A	26-Oct-14 A	



Milestone Early Bar | Actual Level of Effort | Level of Effort
Actual Work | Early Bar | Summary
Milestone Actual | Critical Bar

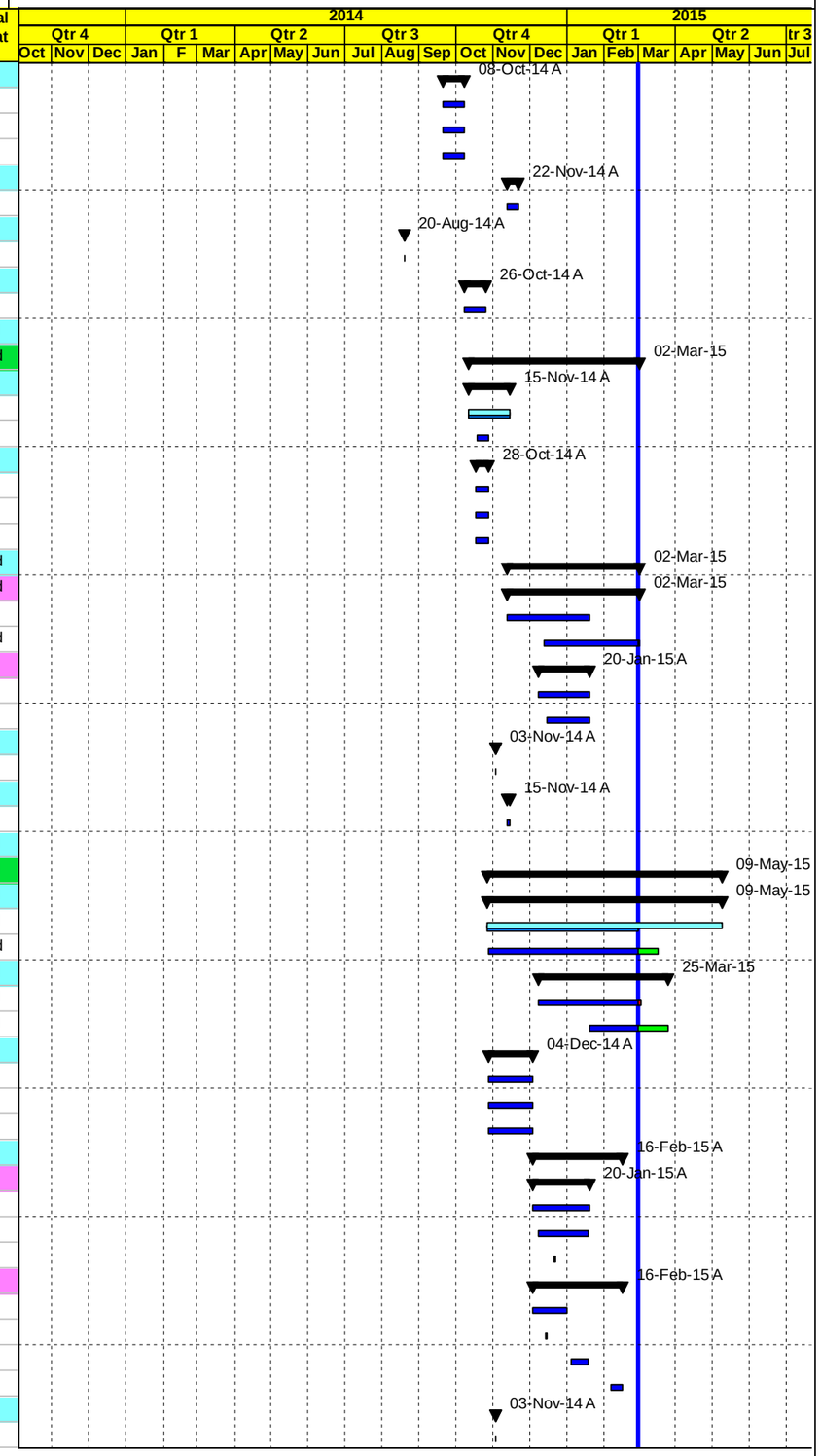
Date	Revision	Checked	Approved
04-Mar-15			

APCO ArCon
CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Pipe Installation		16d		20-Sep-14 A	08-Oct-14 A	
SHT1770	Trench excavation for 760 mm main pipeline from 2+200 to sta.2+780 with length approx. (580 LM)	16d	100%	20-Sep-14 A	08-Oct-14 A	
SHT1780	Bedding layer & install the above main Steel pipeline with required welding inspection and sectional testing (UT)	16d	100%	20-Sep-14 A	08-Oct-14 A	
SHT1790	Backfill the pipe trench with approved materials to the required level	16d	100%	20-Sep-14 A	08-Oct-14 A	
Civil Chamber work		8d		12-Nov-14 A	22-Nov-14 A	
SHT1800	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta. 2+230	8d	100%	12-Nov-14 A	22-Nov-14 A	
Testing		1d		20-Aug-14 A	20-Aug-14 A	
SHT1803	Radiographic Testing (RT) Workshop	1d	100%	20-Aug-14 A	20-Aug-14 A	
Basecourse		12d		08-Oct-14 A	26-Oct-14 A	
SHT1810	Final Finish Sub grade & 20 cm base course layer from 2+200 to 2+780	12d	100%	08-Oct-14 A	26-Oct-14 A	
Mechanical Chambers work		0d				0d
Main pipelines & (Milling & over lay 11m width existing asphalt Road) St. 2+780 to 3+030		162d		11-Oct-14 A	02-Mar-15	59d
Safety , Millings and Pipe Culvert		105d		11-Oct-14 A	15-Nov-14 A	
SHT1830	Maintain traffic control and safety plan ,coordination with local authorities and all other parties	105d	100%	11-Oct-14 A	15-Nov-14 A	
SHT1840	Saw cut asphalt/Road excavation	2d	100%	18-Oct-14 A	28-Oct-14 A	
Pipe Installation		7d		18-Oct-14 A	28-Oct-14 A	
SHT1850	Trench excavation for 760 mm main pipeline and 200mm dist. Pipeline with length approx. (250 LM)	7d	100%	18-Oct-14 A	28-Oct-14 A	
SHT1870	Backfill the pipe trench with approved materials to the required level including 20 cm base course	7d	100%	18-Oct-14 A	28-Oct-14 A	
SHT1860	Bedding layer & install the above main & dist. Steel pipeline with required welding inspection & sectional testing (L	7d	100%	18-Oct-14 A	28-Oct-14 A	
Civil Chamber work		57d		12-Nov-14 A	02-Mar-15	49d
Main pipeline chambers		57d		12-Nov-14 A	02-Mar-15	49d
SHT1940-new	Construct - ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.2+782	21d	100%	12-Nov-14 A	20-Jan-15 A	
SHT1880	Construct - Washout chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.2+857	19d	90%	13-Dec-14 A	02-Mar-15	49d
Networks chambers		35d		08-Dec-14 A	20-Jan-15 A	
SHT1880-new	Construct - chamber for Connection to existing (DN 200mm, pipeline Dia 200mm, PN16) @2+781	21d	100%	08-Dec-14 A	20-Jan-15 A	
SHT1885-new	Construct - Washout chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.2+858	5d	100%	15-Dec-14 A	20-Jan-15 A	
Testing		1d		03-Nov-14 A	03-Nov-14 A	
SHT1883	Radiographic Testing (RT) Workshop	1d	100%	03-Nov-14 A	03-Nov-14 A	
Asphalt		2d		13-Nov-14 A	15-Nov-14 A	
SHT1900	Asphalt Reinstament over pipe trench including prime coat and 5 cm asphalt wearing layer	2d	100%	13-Nov-14 A	15-Nov-14 A	
Mechanical Chambers work		0d				0d
Main pipelines &(Reconstruction for exist asphalt Road at residanial area 6 width) St.3+030 to 3+780		135d		27-Oct-14 A	09-May-15	0d
Safety and Excavation Works		49d		27-Oct-14 A	09-May-15	0d
SHT1930	Maintain traffic control &safety plan to include local access to residance ,all corrdination & relocate utilities	49d	80%	27-Oct-14 A	09-May-15	0d
SHT1950	Remove exist asphalt , Road excavation and backfilling to the required subgrade level	20d	30%	28-Oct-14 A	17-Mar-15	31d
Concrete Wall		71d		09-Dec-14 A	25-Mar-15	3d
SHT1960	Retaining Wall from sta. 3+226to 3+295 RHS	26d	90%	09-Dec-14 A	03-Mar-15	0d
SHT2290	Retaining Wall from Sta.3+380 to Sta.3+464.92 RHS	42d	50%	19-Jan-15 A	25-Mar-15	3d
Pipe Installation		21d		28-Oct-14 A	04-Dec-14 A	
SHT1970	Trench excavation for 760 mm main and 200 mm dist. Pipelines with length approx. (750 LM)	21d	100%	28-Oct-14 A	04-Dec-14 A	
SHT1980	Bedding layer & install the above main&dist.Steel pipeline including required welding inspection/sectional testing (L	21d	100%	28-Oct-14 A	04-Dec-14 A	
SHT1990	Backfill the pipe trench with approved materials to the required level	21d	100%	28-Oct-14 A	04-Dec-14 A	
Civil Chamber work		62d		04-Dec-14 A	16-Feb-15 A	
Main pipeline chambers		26d		04-Dec-14 A	20-Jan-15 A	
SHT2010	Construct -Beit Ummar Connection chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.3+485 RHS	21d	100%	04-Dec-14 A	20-Jan-15 A	
SHT3850-new	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 3+303	22d	100%	09-Dec-14 A	19-Jan-15 A	
SHT2000	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 3+745	6d	100%	22-Dec-14 A	23-Dec-14 A	
Networks chambers		62d		04-Dec-14 A	16-Feb-15 A	
SHT2020-new	Construct - combined chamber gate valve (DN 200&200mm, pipeline Dia 200&200mm, PN16) @ Sta. 3+490	8d	100%	04-Dec-14 A	01-Jan-15 A	
SHT1895-new	Construct - ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16@ Sta.3+743	7d	100%	14-Dec-14 A	15-Dec-14 A	
SHT1890-new	Construct - ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.3+301	9d	100%	04-Jan-15 A	19-Jan-15 A	
SHT1896-new	Construct - chamber for Connection to existing (DN 200&100mm, pipeline Dia 200&100mm, PN16) @3+780	21d	100%	06-Feb-15 A	16-Feb-15 A	
Testing		1d		03-Nov-14 A	03-Nov-14 A	
SHT2013	Radiographic Testing (RT) Workshop	1d	100%	03-Nov-14 A	03-Nov-14 A	



◇ Milestone Early Bar — Actual Level of Effort — Level of Effort
Actual Work — Early Bar — Summary
◆ Milestone Actual — Critical Bar

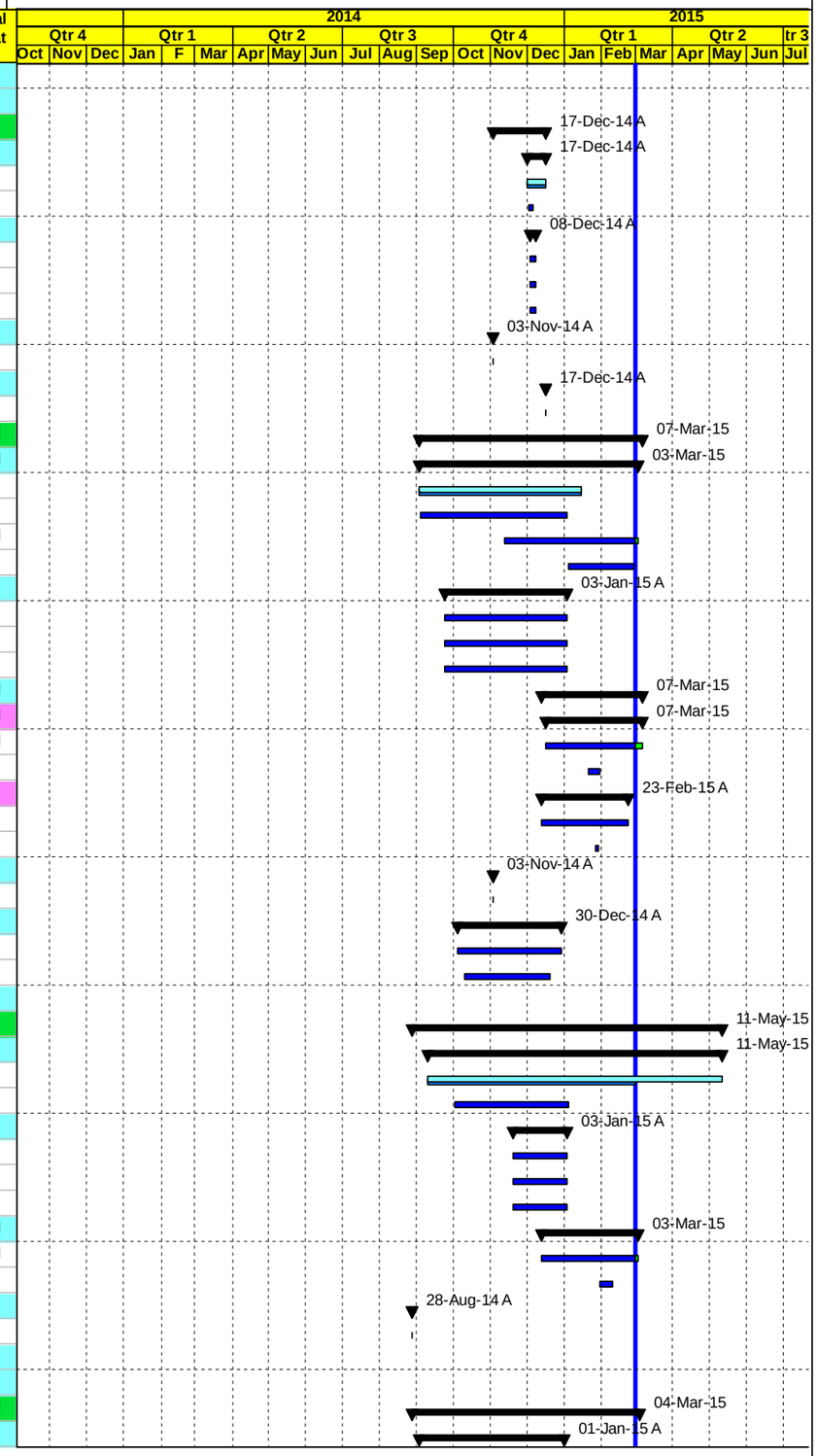
Date	Revision	Checked	Approved
04-Mar-15			

APCO ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Base course , Stone Wall and Asphalt		0d				0d
Mechanical Chambers work		0d				0d
Main pipelines & (Milling & overlay for 11-13 m width Exist. asphalt Road)St. 3+780 to3+900		118d		03-Nov-14 A	17-Dec-14 A	
Safety and Milling		76d		01-Dec-14 A	17-Dec-14 A	
SHT2050	Maintain traffic control and safety plan ,coordination with local authorities and all others parties	76d	100%	01-Dec-14 A	17-Dec-14 A	
SHT2060	Saw cut asphalt	1d	100%	02-Dec-14 A	06-Dec-14 A	
Pipe Installation		4d		04-Dec-14 A	08-Dec-14 A	
SHT2070	Trench excavation for 760 mm main and 100 mm dist. Pipelines with length approx. (120 LM) @ RHS	4d	100%	04-Dec-14 A	08-Dec-14 A	
SHT2080	Bedding layer & install the above main Steel pipeline with required welding inspection and sectional testing @ RH	4d	100%	04-Dec-14 A	08-Dec-14 A	
SHT2090	Backfill the pipe trench with approved materials to the required level including 20 cm base course @ RHS	4d	100%	04-Dec-14 A	08-Dec-14 A	
Testing		1d		03-Nov-14 A	03-Nov-14 A	
SHT2094	Radiographic Testing (RT) Workshop	1d	100%	03-Nov-14 A	03-Nov-14 A	
Asphalt		1d		17-Dec-14 A	17-Dec-14 A	
SHT2100	Asphalt Reinstatement over pipe trench including prime coat and 5 cm asphalt wearing layer	1d	100%	17-Dec-14 A	17-Dec-14 A	
Main pipelines & (Reconstruction for 4m width Exist. Asphalt or Dirt Road) St. 3+900 to 4+640		217d		03-Sep-14 A	07-Mar-15	67d
Safety , Excavation Works and Pipe Culvert		166d		03-Sep-14 A	03-Mar-15	47d
SHT2120	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	166d	100%	03-Sep-14 A	15-Jan-15 A	
SHT2130	Remove exist asphalt or Road excavation and backfilling to the required subgrade level	21d	100%	04-Sep-14 A	03-Jan-15 A	
SHT2540	Retaining Wall from Sta.4+345 to Sta.4+365 RHS	27d	90%	12-Nov-14 A	03-Mar-15	47d
SHT2590	Retaining Wall from Sta.4+422 to Sta.4+440 LHS	29d	100%	04-Jan-15 A	28-Feb-15 A	
Pipe Installation		21d		24-Sep-14 A	03-Jan-15 A	
SHT2150	Bedding layer & install the above main & dist.Steel pipeline including required welding inspection/sectional testing(I	21d	100%	24-Sep-14 A	03-Jan-15 A	
SHT2160	Backfill the pipe trench with approved materials to the required level	21d	100%	24-Sep-14 A	03-Jan-15 A	
SHT2140	Trench excavation for 760 mm main and 100 mm dist. Pipelines with length approx. (740 LM)	21d	100%	24-Sep-14 A	03-Jan-15 A	
Civil Chamber work		26d		13-Dec-14 A	07-Mar-15	57d
Main pipeline chambers		26d		17-Dec-14 A	07-Mar-15	57d
SHT2190	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+593	21d	80%	17-Dec-14 A	07-Mar-15	57d
SHT2180	Construct - ARV Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+082	8d	100%	21-Jan-15 A	31-Jan-15 A	
Networks chambers		9d		13-Dec-14 A	23-Feb-15 A	
SHT2185-new	Construct - Wash out and Gate valve Valve chamber (DN 50&100mm, pipeline Dia 100mm, PN16@ Sta.4+593	8d	100%	13-Dec-14 A	23-Feb-15 A	
SHT2190-new	Construct - ARV Valve chamber (DN 50mm, pipeline Dia 100mm, PN16)@ Sta.4+082	8d	100%	27-Jan-15 A	29-Jan-15 A	
Testing		1d		03-Nov-14 A	03-Nov-14 A	
SHT2193	Radiographic Testing (RT)	1d	100%	03-Nov-14 A	03-Nov-14 A	
Base course and Asphalt		14d		05-Oct-14 A	30-Dec-14 A	
SHT4122	Final Finish Sub grade & 20 cm base course layer From St.4+270 to St. 4+640	10d	100%	05-Oct-14 A	30-Dec-14 A	
SHT2200	Final Finish Sub grade & 20 cm base course layer From St.3+900 to St. 4+270	10d	100%	11-Oct-14 A	20-Dec-14 A	
Mechanical Chambers work		0d				0d
Main pipelines including (Reconstruction 4m width dirt road at agricultural area)St. 4+640-5+300		164d		28-Aug-14 A	11-May-15	6d
Safety and Excavation Works		121d		10-Sep-14 A	11-May-15	5d
SHT2220	Maintain traffic control plan including road grading and widening ,coordination with local and all parties	64d	80%	10-Sep-14 A	11-May-15	5d
SHT2230	Road excavation and backfilling to the required subgrade level	18d	100%	02-Oct-14 A	05-Jan-15 A	
Pipe Installation		18d		20-Nov-14 A	03-Jan-15 A	
SHT2240	Trench excavation for 760 mm main Pipeline with length approx. (660 LM)	18d	100%	20-Nov-14 A	03-Jan-15 A	
SHT2250	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	18d	100%	20-Nov-14 A	03-Jan-15 A	
SHT2260	Backfill the pipe trench with approved materials to the required level	18d	100%	20-Nov-14 A	03-Jan-15 A	
Chamber work		35d		13-Dec-14 A	03-Mar-15	24d
SHT2280	Construct -Beit Ummar Flow Monitoring chamber (DN 500mm, pipeline Dia 760mm, PN25) @ Sta 4+625	24d	90%	13-Dec-14 A	03-Mar-15	24d
SHT2270	Construct -ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.4+993	21d	100%	31-Jan-15 A	10-Feb-15 A	
Testing		1d		28-Aug-14 A	28-Aug-14 A	
SHT2283	Radiographic Testing (RT) Workshop	1d	100%	28-Aug-14 A	28-Aug-14 A	
Base course		0d				0d
Mechanical Chambers work		0d				0d
Main pipelines including (Reconstruction 4m width dirt road at agricultural area)St. 5+300-5+837		155d		28-Aug-14 A	04-Mar-15	36d
Safety and Excavation Works		71d		02-Sep-14 A	01-Jan-15 A	



Milestone Early Bar | Actual Level of Effort | Level of Effort
Actual Work | Early Bar | Summary
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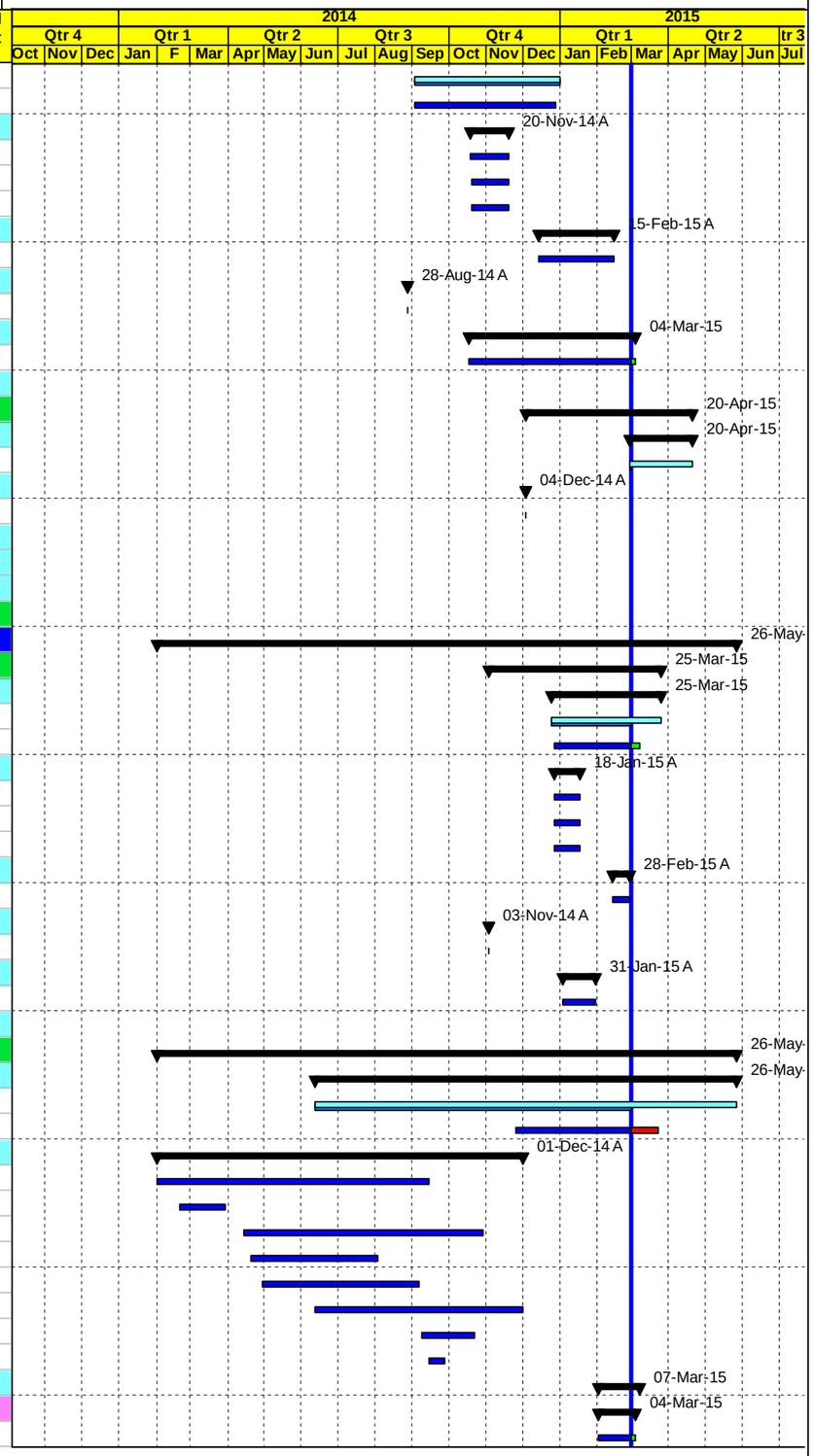
Date	Revision	Checked	Approved
04-Mar-15			

APCO ArCon
CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT2320	Maintain traffic control plan including road grading and widening ,coordination with local and all parties	53d	100%	02-Sep-14 A	01-Jan-15 A	
SHT2330	Road excavation and backfilling to the required subgrade level	18d	100%	03-Sep-14 A	29-Dec-14 A	
Pipe Installation		20d		19-Oct-14 A	20-Nov-14 A	
SHT2340	Trench excavation for 760 mm main Pipeline with length approx. (537 LM)	18d	100%	19-Oct-14 A	20-Nov-14 A	
SHT2350	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	18d	100%	20-Oct-14 A	20-Nov-14 A	
SHT2360	Backfill the pipe trench with approved materials to the required level	18d	100%	20-Oct-14 A	20-Nov-14 A	
Civil Chamber work		21d		14-Dec-14 A	15-Feb-15 A	
SHT2380	Construct -AR/AV Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.5+607	21d	100%	14-Dec-14 A	15-Feb-15 A	
Testing		1d		28-Aug-14 A	28-Aug-14 A	
SHT2383	Radiographic Testing (RT) Workshop	1d	100%	28-Aug-14 A	28-Aug-14 A	
Base course		21d		18-Oct-14 A	04-Mar-15	30d
SHT2390	Final Finish Sub grade & 20 cm base course layer	21d	85%	18-Oct-14 A	04-Mar-15	30d
Mechanical Chambers work		0d				0d
Main pipelines & (Area C intersection to Karmi Tzur) From St. 5+837 to 6+220		63d		04-Dec-14 A	20-Apr-15	15d
Safety and Pipe Culvert		43d		28-Feb-15 A	20-Apr-15	13d
SHT3390	Maintain traffic control & safety plan to include local access to residance , corrdination with israile authorities	43d	2.33%	28-Feb-15 A	20-Apr-15	13d
Pipe Installation		1d		04-Dec-14 A	04-Dec-14 A	
SHT3397	Road Crossing Karm Tzur (Working night shift)	1d	100%	04-Dec-14 A	04-Dec-14 A	
Civil Chamber work		0d				0d
Testing		0d				0d
Base course		0d				0d
Mechanical Chambers work		0d				0d
Phase #3 Main pipelines, Network & Road Works St.6+239 to 8+271		408d		01-Feb-14 A	26-May-15	13d
Main pipelines & (Reconstruct 4m width Exist asphalt or dirt road at agricultural) St.6+239 to 6+824		82d		03-Nov-14 A	25-Mar-15	75d
Safety and Excavation Works		49d		25-Dec-14 A	25-Mar-15	63d
SHT3300	Maintain traffic control and safety plan to include local access to residence ,all coordination	49d	80%	25-Dec-14 A	25-Mar-15	33d
SHT3310	Remove exist asphalt , Road excavation and backfilling to the required subgrade level	9d	50%	27-Dec-14 A	07-Mar-15	80d
Pipe Installation		17d		27-Dec-14 A	18-Jan-15 A	
SHT3320	Trench excavation for 760 mm main Pipeline with length approx. (620 LM)	17d	100%	27-Dec-14 A	18-Jan-15 A	
SHT3330	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	17d	100%	27-Dec-14 A	18-Jan-15 A	
SHT3340	Backfill the pipe trench with approved materials to the required level	17d	100%	27-Dec-14 A	18-Jan-15 A	
Civil Chamber work		21d		14-Feb-15 A	28-Feb-15 A	
SHT3350	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.6+600	21d	100%	14-Feb-15 A	28-Feb-15 A	
Testing		1d		03-Nov-14 A	03-Nov-14 A	
SHT3362	Radiographic Testing (RT) Workshop	1d	100%	03-Nov-14 A	03-Nov-14 A	
Base course and Asphalt		9d		03-Jan-15 A	31-Jan-15 A	
SHT3370	Final Finish Sub grade & 20 cm base course layer	9d	100%	03-Jan-15 A	31-Jan-15 A	
Mechanical Chambers work		0d				0d
Main pipelines(Reconstruct four lane width of Exist road at residential area)St.6+824 to 7+515		381d		01-Feb-14 A	26-May-15	13d
Safety and Excavation Works		79d		12-Jun-14 A	26-May-15	-3d
SHT3010	Implement traffic control and safety plan ,all coordination and relocate utilities if required	73d	25%	12-Jun-14 A	26-May-15	-3d
SHT3020	Road excavation and backfilling to the required subgrade level RHS & LHS	21d	10%	25-Nov-14 A	23-Mar-15	-5d
Concrete Walls		291d		01-Feb-14 A	01-Dec-14 A	
SHT1117	Structural excavation for retaining walls	21d	100%	01-Feb-14 A	15-Sep-14 A	
SHT1385-new	Concrete retaining wall Retaining Wall from Sta.7+095 to Sta. 7+204.23 LHS (110 LM)	50d	100%	20-Feb-14 A	30-Mar-14 A	
SHT1387-new	Concrete Retaining Wall from Sta.7+389.32 to Sta. 7+505 LHS = length (115 LM)	60d	100%	14-Apr-14 A	29-Oct-14 A	
SHT1389-new	Concrete Retaining Wall from Sta.7+364.35 to Sta. 7+389.32 LHS = length (25 LM)	21d	100%	20-Apr-14 A	03-Aug-14 A	
SHT1388-new	Concrete Retaining Wall from Sta.7+204.23 to Sta. 7+364.35 LHS = length (160 LM)	80d	100%	30-Apr-14 A	06-Sep-14 A	
SHT3190	Backfilling behind retaining wall	40d	100%	12-Jun-14 A	01-Dec-14 A	
SHT1165	Boundary Wall from Sta.6+971 to Sta.7+036 RHS	21d	100%	09-Sep-14 A	22-Oct-14 A	
SHT1135	Concrete retaining wall from sta.7+180 to access road.	21d	100%	15-Sep-14 A	27-Sep-14 A	
Pipe Installation		15d		02-Feb-15 A	07-Mar-15	79d
760 mm main pipeline and 150 mm dist.pipeline		8d		02-Feb-15 A	04-Mar-15	80d
SHT3070	Backfill the pipe trench with approved materials to the required level RHS	8d	50%	02-Feb-15 A	04-Mar-15	80d



◇ Milestone Early Bar — Actual Level of Effort — Level of Effort
Actual Work — Early Bar — Summary
◆ Milestone Actual — Critical Bar

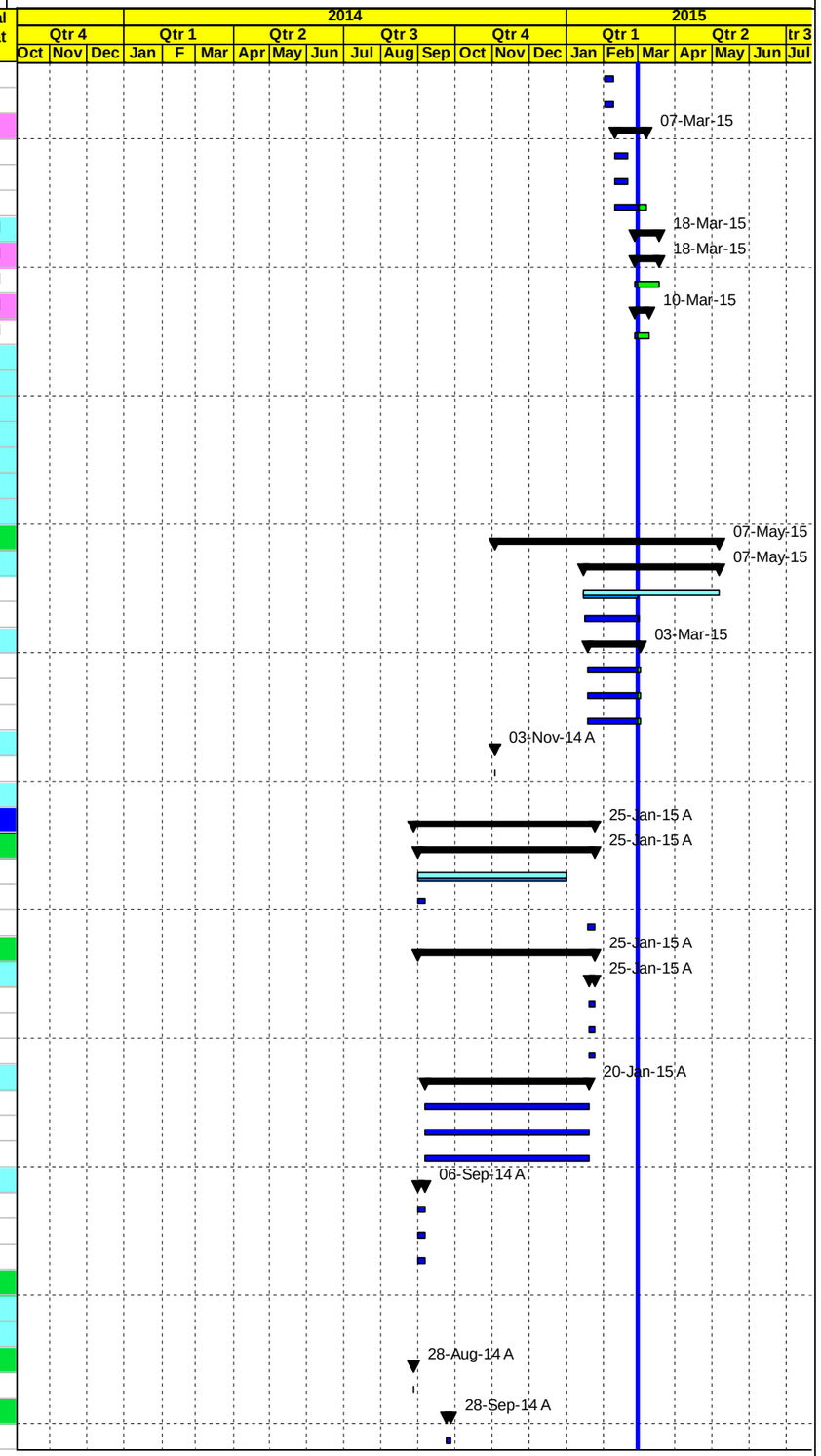
Date	Revision	Checked	Approved
04-Mar-15			

APCO ArCon
CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT3050	Trench excavation for 760 mm main pipeline and 150 mm dist.pipeline from 7+515 to 7+157 with length approx.	8d	100%	02-Feb-15 A	09-Feb-15 A	
SHT3060	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	8d	100%	02-Feb-15 A	09-Feb-15 A	
760 mm main pipeline and 100 mm dist.pipeline		7d		10-Feb-15 A	07-Mar-15	9d
SHT3072	Trench excavation for 760 mm main pipeline and 100 mm dist.pipeline from 7+157 to 6+824 with length approx.	7d	100%	10-Feb-15 A	21-Feb-15 A	
SHT3074	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	7d	100%	10-Feb-15 A	21-Feb-15 A	
SHT3076	Backfill the pipe trench with approved materials to the required level RHS	7d	50%	10-Feb-15 A	07-Mar-15	9d
Civil Chamber work		21d		26-Feb-15 A	18-Mar-15	34d
Main pipeline chambers		21d		26-Feb-15 A	18-Mar-15	34d
SHT3100	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.7+192 RHS	21d	30%	26-Feb-15 A	18-Mar-15	34d
Networks chambers		8d		26-Feb-15 A	10-Mar-15	42d
SHT3103-new	Construct - Wash out Valve chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.7+199	8d	10%	26-Feb-15 A	10-Mar-15	42d
Testing		0d				0d
Topping		0d				0d
PVC, Base course		0d				0d
Binder Asphalt		0d				0d
Side Walk		0d				0d
Wearing Asphalt		0d				0d
Mechanical Chambers work		0d				0d
Main pipelines &(Milling & over lay two lane width Exist road at residential area) St.7+515 to 7+950		98d		03-Nov-14 A	07-May-15	-3d
Safety and Milling		81d		15-Jan-15 A	07-May-15	-3d
SHT2910	Maintain traffic control and safety plan RHS , coordination with local and all parties	81d	29.64%	15-Jan-15 A	07-May-15	-3d
SHT2920	Saw cut asphalt	15d	90%	16-Jan-15 A	02-Mar-15	9d
Pipe Installation		12d		19-Jan-15 A	03-Mar-15	8d
SHT2930	Trench excavation for 760 mm main pipeline and 150mm dist.pipeline 7+515 to 7+950 (435 LM)	12d	81.01%	19-Jan-15 A	03-Mar-15	8d
SHT2940	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	12d	81.01%	19-Jan-15 A	03-Mar-15	8d
SHT2950	Backfill the pipe trench with approved materials to the required level including base course	12d	81.01%	19-Jan-15 A	03-Mar-15	7d
Testing		1d		03-Nov-14 A	03-Nov-14 A	
SHT2952	Radiographic Testing (RT) Workshop	1d	100%	03-Nov-14 A	03-Nov-14 A	
Asphalt		0d				0d
Phase #4 Main pipelines &(Milling & over lay two lane width Exist road) St.7+950 to 9+027		154d		28-Aug-14 A	25-Jan-15 A	
Safety , Milling and Storm system		114d		31-Aug-14 A	25-Jan-15 A	
SHT2800	Maintain traffic control and safety plan , coordination with local and all parties	92d	100%	31-Aug-14 A	01-Jan-15 A	
SHT2810	Saw cut asphalt from 8+271 To 9+027	2d	100%	01-Sep-14 A	06-Sep-14 A	
SHT4162	Saw cut asphalt from 7+950 To 8+270	2d	100%	19-Jan-15 A	25-Jan-15 A	
Pipe Installation		100d		01-Sep-14 A	25-Jan-15 A	
760 mm main pipeline and 150mm dist.pipeline- 7+950 to St. 8+271		11d		19-Jan-15 A	25-Jan-15 A	
SHT4132	Trench excavation for 760 mm main pipeline and 150mm dist.pipeline 7+950 to 8+271 (321 LM)	11d	100%	19-Jan-15 A	25-Jan-15 A	
SHT4142	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	11d	100%	19-Jan-15 A	25-Jan-15 A	
SHT4152	Backfill the pipe trench with approved materials to the required level including base course	11d	100%	19-Jan-15 A	25-Jan-15 A	
760 mm main pipeline and 150mm dist.pipeline		17d		06-Sep-14 A	20-Jan-15 A	
SHT2860	Trench excavation for 760 mm main pipeline and 150mm dist.pipeline 8+271 TO 8+880 (633 LM)	17d	100%	06-Sep-14 A	20-Jan-15 A	
SHT2862	Bedding layer & install the all main Steel pipeline including required welding inspection / sectional testing (UT)	17d	100%	06-Sep-14 A	20-Jan-15 A	
SHT2864	Backfill the pipe trench with approved materials to the required level including base course	17d	100%	06-Sep-14 A	20-Jan-15 A	
760 mm main pipeline and 300mm dist.pipeline		7d		01-Sep-14 A	06-Sep-14 A	
SHT2820	Trench excavation for 760 mm main pipeline and 300mm dist.pipeline from 8+904 TO 9+027 (123 LM)	6d	100%	01-Sep-14 A	06-Sep-14 A	
SHT2830	Bedding layer & install the all main Steel pipeline including required welding inspection / sectional testing (UT)	6d	100%	01-Sep-14 A	06-Sep-14 A	
SHT2850	Backfill the pipe trench with approved materials to the required level including base course	6d	100%	01-Sep-14 A	06-Sep-14 A	
Civil Chamber work		0d				0d
Main pipeline chambers		0d				0d
Networks chambers		0d				0d
Testing		1d		28-Aug-14 A	28-Aug-14 A	
SHT2883	Radiographic Testing (RT) Workshop	1d	100%	28-Aug-14 A	28-Aug-14 A	
Asphalt		5d		24-Sep-14 A	28-Sep-14 A	
SHT2900	Asphalt Reinstatements over pipe trench including prime coat and 5 cm asphalt wearing layer	5d	100%	24-Sep-14 A	28-Sep-14 A	



◇ Milestone Early Bar — Actual Level of Effort — Level of Effort
Actual Work — Early Bar — Summary
◆ Milestone Actual — Critical Bar

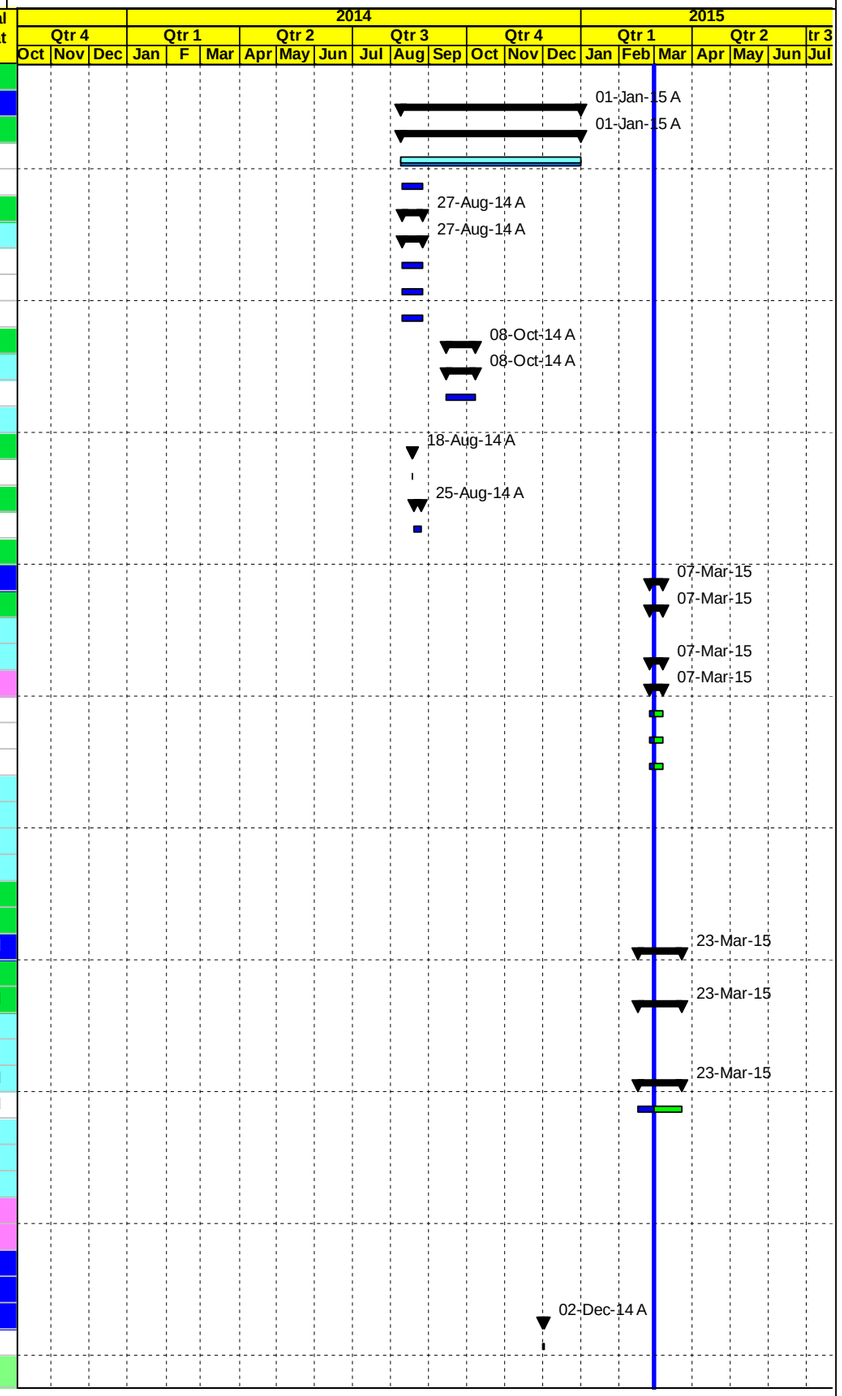
Date	Revision	Checked	Approved
04-Mar-15			

APCO ArCon
CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO.16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Mechanical Chambers work		0d				0d
Phase #5 Main pipelines&(Milling & overlay 11-13m width Exist road) St. 9+027 to 9+418		171d		09-Aug-14 A	01-Jan-15 A	
Safety and Milling		96d		09-Aug-14 A	01-Jan-15 A	
SHT2700	Maintain traffic control & safety plan to include local access to residance ,all corrdination & relocate utilities	96d	100%	09-Aug-14 A	01-Jan-15 A	
SHT2710	saw cut asphalt	2d	100%	10-Aug-14 A	27-Aug-14 A	
Pipe Installation		16d		10-Aug-14 A	27-Aug-14 A	
760 mm main pipeline & 200mm dist.pipeline		16d		10-Aug-14 A	27-Aug-14 A	
SHT2750	Trench excavation for 760 mm main pipeline & 200mm dist.pipeline from 9+027 TO 9+418 (391 LM)	16d	100%	10-Aug-14 A	27-Aug-14 A	
SHT2753	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	16d	100%	10-Aug-14 A	27-Aug-14 A	
SHT2755	Backfill the pipe trench with approved materials to the required level	16d	100%	10-Aug-14 A	27-Aug-14 A	
Civil Chamber work		25d		15-Sep-14 A	08-Oct-14 A	
Main pipeline chambers		21d		15-Sep-14 A	08-Oct-14 A	
SHT2770	Construct - Halhul distribution connection chamber (Kharas junction)-(DN200mm, pipeline Dia300mm,PN16) @ S	21d	100%	15-Sep-14 A	08-Oct-14 A	
Networks chambers		0d				0d
Testing		1d		18-Aug-14 A	18-Aug-14 A	
SHT2772	Radiographic Testing (RT) Workshop	1d	100%	18-Aug-14 A	18-Aug-14 A	
Basecourse and Asphalt		2d		20-Aug-14 A	25-Aug-14 A	
SHT2780	Asphalt Reinstatement over pipe trench including prime coat	2d	100%	20-Aug-14 A	25-Aug-14 A	
Mechanical Chambers work		0d				0d
Phase #6 Main pipelines, Network & Road Works St.9+418 to 11+000		13d		25-Feb-15 A	07-Mar-15	5d
Main pipelines&(Rehabilitation Exist road at residential area)St.9+418 to 9+880		13d		25-Feb-15 A	07-Mar-15	5d
Safety and Excavation Works		0d				0d
Pipe Installation		10d		25-Feb-15 A	07-Mar-15	5d
760 mm main pipeline & dist.pipe150 mm		10d		25-Feb-15 A	07-Mar-15	5d
SHT2720	Trench excavation for 760 mm main pipeline & dist.pipe150 mm from 9+418 to 9+880 (462 LM)	10d	50%	25-Feb-15 A	07-Mar-15	5d
SHT2730	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	10d	50%	25-Feb-15 A	07-Mar-15	4d
SHT2740	Backfill the pipe trench with approved materials to the required level	10d	50%	25-Feb-15 A	07-Mar-15	5d
Chamber work		0d				0d
Testing		0d				0d
Base course and Asphalt		0d				0d
Mechanical Chambers work		0d				0d
Main pipelines & (Rehabilitation at residential area) St.9+880 to 10+460		0d				0d
Main pipelines & (Rehabilitation Exist road) St. 10+460 to 11+000		0d				0d
Phase #7 Main pipelines, Network & Road Works St.11+000 to 12+000		26d		16-Feb-15 A	23-Mar-15	40d
Main pipelines & (Rehabilitation Exist road) St. 11+000 to 11+500		0d				0d
Main pipelines & (Rehabilitation Exist road) St. 11+500 to 12+000		26d		16-Feb-15 A	23-Mar-15	40d
Safety and Excavation Works		0d				0d
Pipe Installation		0d				0d
Civil Chamber work		21d		16-Feb-15 A	23-Mar-15	33d
SHT2470	Construct - Halhul reservoir connection chamber (DN 500mm, pipeline Dia 760mm, PN16) @ Sta.11+900	21d	10%	16-Feb-15 A	23-Mar-15	33d
Testing		0d				0d
Base course , Stone Wall and Asphalt		0d				0d
Mechanical Chambers work		0d				0d
Welding flanges		0d				0d
Mechanical fittings installation		0d				0d
Surge Control System final connection to the booster station		0d				0d
Final Mechanical connection for main pipeline & distribution net work		0d				0d
Concrete and Road Finishing work		2d		01-Dec-14 A	02-Dec-14 A	
SHT3550	Additional geotechnical investigation for the new pipeline alignment	2d	100%	01-Dec-14 A	02-Dec-14 A	
Post Construction Phase		0d				0d



Milestone Early Bar
Actual Work
Milestone Actual
Actual Level of Effort
Early Bar
Critical Bar
Level of Effort
Summary

Date	Revision	Checked	Approved
04-Mar-15			

C | Progress S-Curve Versus Actual

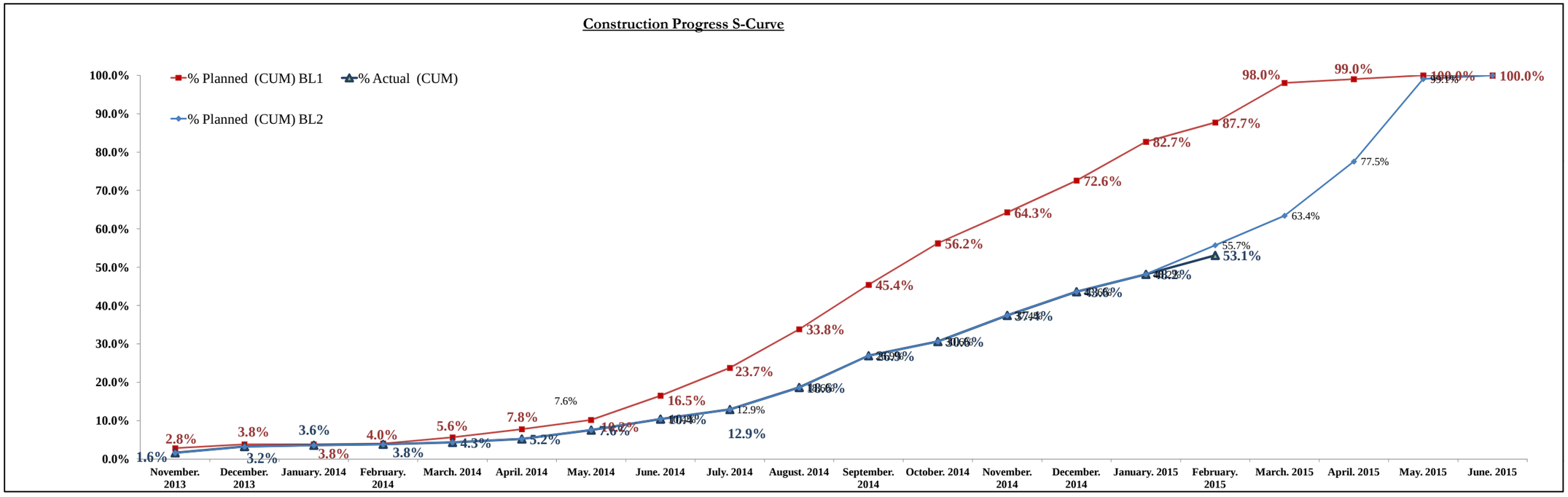
APCO ArCon
CONSTRUCTION AND SERVICES

Construction Progress S-Curve

Total Contract Value (Orginal):	**$**	**16,512,214**
Total Contract Value (Day Work Not Included):	**$**	**15,612,214**
Total Contract Value (VO3)	**$**	**15,752,463**
Project Duration :	**550 Calender Days**	
Time Extension	**30 Calender Days**	
Revised Project Duration :	**580 Calender Days**	
NTP Date:	**7-Nov-13**	

*** Day Work Not Included**

	November. 2013	December. 2013	January. 2014	February. 2014	March. 2014	April. 2014	May. 2014	June. 2014	July. 2014	August. 2014	September. 2014	October. 2014	November. 2014	December. 2014	January. 2015	February. 2015	March. 2015	April. 2015	May. 2015	June. 2015	TOTAL
Planned Value (Baseline1)	$ 439,599	$ 155,152		$ 34,048	$ 250,497	$ 335,153	$ 372,185	$ 989,152	$ 1,130,010	$ 1,572,889	$ 1,809,809	$ 1,691,932	$ 1,253,124	$ 1,299,775	$ 1,575,815	$ 784,886	$ 1,610,997	$ 158,504	$ 148,688		$ 15,612,214
Planned Value (CUM)	$ 439,599	$ 594,751	$ 594,751	$ 628,799	$ 879,296	$ 1,214,449	$ 1,586,634	$ 2,575,786	$ 3,705,797	$ 5,278,685	$ 7,088,494	$ 8,780,427	$ 10,033,550	$ 11,333,325	$ 12,909,140	$ 13,694,026	$ 15,305,022	$ 15,463,526	$ 15,612,214	$ 15,612,214	
% Planned	2.8%	1.0%	0.0%	0.2%	1.6%	2.1%	2.4%	6.3%	7.2%	10.1%	11.6%	10.8%	8.0%	8.3%	10.1%	5.0%	10.3%	1.0%	1.0%	0.0%	**100%**
% Planned (CUM) BL1	2.8%	3.8%	3.8%	4.0%	5.6%	7.8%	10.2%	16.5%	23.7%	33.8%	45.4%	56.2%	64.3%	72.6%	82.7%	87.7%	98.0%	99.0%	100.0%	100.0%	
Planned Value (Baseline2)	$ 251,915	$ 257,722	$ 55,114	$ 36,785	$ 81,393	$ 140,019	$ 367,313	$ 448,617	$ 391,935	$ 903,602	$ 1,304,945	$ 584,516	$ 1,073,191	$ 971,043	$ 718,452	$ 1,192,011	$ 1,211,699	$ 2,224,888	$ 3,388,615	$ 148,688	**$ 15,752,463**
Planned Value (CUM)	$ 251,915	$ 509,637	$ 564,751	$ 601,536	$ 682,929	$ 822,948	$ 1,190,261	$ 1,638,878	$ 2,030,813	$ 2,934,415	$ 4,239,360	$ 4,823,876	$ 5,897,067	$ 6,868,110	$ 7,586,562	$ 8,778,573	$ 9,990,272	$ 12,215,160	$ 15,603,775	$ 15,752,463	
% Planned	1.6%	1.6%	0.3%	0.2%	0.5%	0.9%	2.3%	2.8%	2.5%	5.7%	8.3%	3.7%	6.8%	6.2%	4.6%	7.6%	7.7%	14.1%	21.5%	0.9%	**100.00%**
% Planned (CUM) BL2	1.6%	3.2%	3.6%	3.8%	4.3%	5.2%	7.6%	10.4%	12.9%	18.6%	26.9%	30.6%	37.4%	43.6%	48.2%	55.7%	63.4%	77.5%	99.1%	100.0%	
Actual Value	$ 251,915	$ 257,722	$ 55,114	$ 36,785	$ 81,393	$ 140,019	$ 367,313	$ 448,617	$ 391,935	$ 903,602	$ 1,304,945	$ 584,516	$ 1,073,191	$ 971,043	$ 718,452	$ 773,996					**$ 8,360,558**
Actual Value (CUM)	$ 251,915	$ 509,637	$ 564,751	$ 601,536	$ 682,929	$ 822,948	$ 1,190,261	$ 1,638,878	$ 2,030,813	$ 2,934,415	$ 4,239,360	$ 4,823,876	$ 5,897,067	$ 6,868,110	$ 7,586,562	$ 8,360,558					
% Actual	1.6%	1.6%	0.3%	0.2%	0.5%	0.9%	2.3%	2.8%	2.5%	5.7%	8.3%	3.7%	6.8%	6.2%	4.6%	4.9%					**53.1%**
% Actual (CUM)	1.6%	3.2%	3.6%	3.8%	4.3%	5.2%	7.6%	10.4%	12.9%	18.6%	26.9%	30.6%	37.4%	43.6%	48.2%	53.1%					



D | Site Memos Log

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. AID-294-I-12-00005
TASK ORDER #16, DER SHAAR WATER PIPELINE
Site Memo Log (E-C)

SUBMITTAL				TRACKING DATES	
Spec. No.	Submittal No	Subject	Project	Submitted on (M/D/Y)	Remarks
	SM-13-00016-SHT-E-C-001	Road Center Line from Sta.3+030 to Sta.3+800	SHT	02/09/14	Site Instruction
	SM-13-00016-SHT-E-C-002	Right of way from Sta.7+093 to Sta.7+196.5	SHT	03/02/14	Site Instruction
	SM-13-00016-SHT-E-C-003	Retaining Wall Design from Sta.7+200 to Sta.7+220	SHT	03/24/14	Site Instruction
	SM-13-00016-SHT-E-C-004	Joint Walkthrough Conducted on March 26,2014 from Sta.9+900 to Sta.11+460	SHT	04/15/14	Other
	SM-13-00016-SHT-E-C-005	Retaining Wall Parapet	SHT	04/23/14	Other
	SM-13-00016-SHT-E-C-006	Joint Walkthrough Conducted on March 23 and on April 24,2014 from Sta.3+900 to Sta.6+000	SHT	04/28/14	Record of Joint Walkthrough
	SM-13-00016-SHT-E-C-007	Construction Activities (from Sta.9+000 to Sta.9+200)	SHT	05/08/14	Site Instruction
	SM-13-00016-SHT-E-C-008	Removal of Bedding Materials from Site	SHT	06/18/14	Site Instruction
	SM-13-00016-SHT-E-C-009	Letter From Halhoul Municipality- Excavation Work from Sta. 7+240 to Sta. 6+840	SHT	07/02/14	Site Instruction
	SM-13-00016-SHT-E-C-010	Restoration of 8" Pipeline Trench at Beit-Ummer Segment	SHT	07/03/14	Site Instruction / Record of Unsafe Condition
	SM-13-00016-SHT-E-C-011	Common Trench Details	SHT	07/05/14	Site Instruction
	SM-13-00016-SHT-E-C-012	Bladder Surge System	SHT	07/09/14	Site Instruction
	SM-13-00016-SHT-E-C-013	Construction Activities at Beit Ummar Segment	SHT	07/16/14	Site Instruction / Record of Unsatisfactory Work Practice
	SM-13-00016-SHT-E-C-014	Retaining Wall and Concrete Curb Stone from Sta.7+050 to Sta. 6+880	SHT	07/17/14	Site Instruction
	SM-13-00016-SHT-E-C-015	Work Stoppage Order at Halhul Segment	SHT	07/21/14	Site Instruction
	SM-13-00016-SHT-E-C-016	Electrodes Used for 30" Welding at Fabrication Yard	SHT	07/21/14	Record of Non Quality Compliance
	SM-13-00016-SHT-E-C-017	Changing the 30 " Pipeline Route at Sta.9+900	SHT	07/22/14	Site Instruction
	SM-13-00016-SHT-E-C-018	Retaining Wall from Sta.7+364.85 to Sta.7+389.02	SHT	07/24/14	Site Instruction
	SM-13-00016-SHT-E-C-019	Relocation of Water Meter Connection Chamber from Sta.0+155.3 to Sta.1+280	SHT	08/10/14	Site Instruction
	SM-13-00016-SHT-E-C-020	Revised Drawing for Storm Water Drainage System from Sta.7+150 to Sta.7+350	SHT	08/10/14	Site Instruction
	SM-13-00016-SHT-E-C-021	Excavation Work -Deir Sha'ar Water Pipeline	SHT	09/03/14	Site Instruction
	SM-13-00016-SHT-E-C-022	Safety Issues , and Dust Control at Halhul Construction Zones	SHT	09/09/14	Site Instruction
	SM-13-00016-SHT-E-C-023	Locations, Quantities , Pressure Rating and Reference Details for all Chambers	SHT	09/11/14	Site Instruction
	SM-13-00016-SHT-E-C-024	Complaints from Local Residents in Halhul City	SHT	09/17/14	Site Instruction
	SM-13-00016-SHT-E-C-025	Connection to existing chamber at sta.1+348 at Shahera Pipeline	SHT	09/29/14	Site Instruction

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. AID-294-I-12-00005
TASK ORDER #16, DER SHAAR WATER PIPELINE
Site Memo Log (E-C)

SUBMITTAL				TRACKING DATES	
Spec. No.	Submittal No	Subject	Project	Submitted on (M/D/Y)	Remarks
	SM-13-00016-SHT-E-C-026	Complaints from Beit Ummar Municipality	SHT	10/02/14	Site Instruction
	SM-13-00016-SHT-E-C-027	Electrical and Instrumentation Submittals	SHT	10/02/14	Site Instruction
	SM-13-00016-SHT-E-C-028	Joint Walkthrough from Sta.0+160 to Sta.2+000	SHT	10/14/14	Record of Joint Walkthrough
	SM-13-00016-SHT-E-C-029	Complaints from Local Residents in Beit Ummar City	SHT	10/16/14	Site Instruction
	SM-13-00016-SHT-E-C-030	Changes and Elimination of Chambers Fittings	SHT	10/20/14	Site Instruction
	SM-13-00016-SHT-E-C-031	Topping material from Sta.2+060 to Sta.2+780.	SHT	10/21/14	Site Instruction
	SM-13-00016-SHT-E-C-032	Cathodic Protection	SHT	10/27/14	Site Instruction
	SM-13-00016-SHT-E-C-033	Geotechnical Services for the Revised 30" Pipeline from Sta.9+070 to Sta.12+000	SHT	10/30/14	Site Instruction
	SM-13-00016-SHT-E-C-034	Joint Walkthrough from Sta.4+335 to Sta.4+640	SHT	11/11/14	Record of Joint Walkthrough
	SM-13-00016-SHT-E-C-035	Base Course Layer and Asphalt work from Sta.3+030 to Sta.3+780 at Beit Ummar	SHT	11/12/14	Site Instruction
	SM-13-00016-SHT-E-C-036	Letters from Halhoul Municipality	SHT	11/17/14	Site Instruction
	SM-13-00016-SHT-E-C-037	Halhoul Reservoir - Mechanical Details -MD -07 A,B & C	SHT	12/08/14	Site Instruction
	SM-13-00016-SHT-E-C-038	Complaints from Halhul Municipality Letter	SHT	12/14/14	Site Instruction
	SM-13-00016-SHT-E-C-039	Request from Beit Ummar Municipality Letter	SHT	12/30/14	Site Instruction
	SM-13-00016-SHT-E-C-040	Defects in the Reinstated Trench for the 30" Main Pipeline and 8" Shahera Pipeline	SHT	01/19/15	Site Instruction / Record of Unsafe Condition
	SM-13-00016-SHT-E-C-041	Revised Drawing for Storm Water Drainage System from Sta.7+950 to Sta.8+560	SHT	01/21/15	Site Instruction
	SM-13-00016-SHT-E-C-042	Changes in Connection to Existing Chambers and Pipes	SHT	01/25/15	Site Instruction
	SM-13-00016-SHT-E-C-043	Additional Quantities of the 3" Pipeline at Beit Ummar	SHT	01/26/15	Site Instruction
	SM-13-00016-SHT-E-C-044	Revised Drawing for Storm Water Drainage System at Sta.7+948	SHT	01/29/15	Site Instruction
	SM-13-00016-SHT-E-C-045	Complaints from Local Residents in Beit Ummar	SHT	02/11/15	Site Instruction
	SM-13-00016-SHT-E-C-046	Revised Drawing for Road Section from Sta.6+800 to Sta.7+100	SHT	02/24/15	Site Instruction

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. AID-294-I-12-00005
TASK ORDER #16, DER SHAAR WATER PIPELINE
Site Memo Log (C-E)

SUBMITTAL				TRACKING DATES	
Spec. No.	Submittal No	Subject	Project	Submitted on (M/D/Y)	Remarks
	SM-13-00016-SHT-C-E-001	Signed Right of Way from Sta.6+800 to Sta.7+515	SHT	03/17/14	Other
	SM-13-00016-SHT-C-E-002	Signed Eliminate Pipe Culvert from Beit Omar Municipality	SHT	03/30/14	Other
	SM-13-00016-SHT-C-E-003	Out Fall Location for Pipe Culvert	SHT	03/30/14	Other
	SM-13-00016-SHT-C-E-004	Israeli Contractor Works from Sta.0+000 to Sta.0+120 (Deir Shaar Main Pipeline Project)	SHT	04/09/14	Other
	SM-13-00016-SHT-C-E-005	Construction of Concrete Retaining Wall from Sta.7+376 to Sta.7+389 LHS	SHT	04/21/14	Other
	SM-13-00016-SHT-C-E-006	Construction of Concrete Retaining Wall from Sta.7+376 to Sta.7+389 LHS (Existing Building issue)	SHT	05/05/14	Other
	SM-13-00016-SHT-C-E-007	Asphalt Reinstatement Works for 8" water line in Beit Ummar	SHT	06/30/14	Other
	SM-13-00016-SHT-C-E-008	Halhul Municipality Letter (Work Stoppage)	SHT	07/22/14	Site Instruction
	SM-13-00016-SHT-C-E-009	Response to SM -13-00016-SHT-E-C-016 -Electrodes Used for 30" Welding at Fabrication Yard	SHT	07/22/14	Record of Non Quality Compliance
	SM-13-00016-SHT-C-E-010	Restoration Works	SHT	10/19/14	Other
	SM-13-00016-SHT-C-E-011	Alignment 30" water pipeline from sta.9+450 to sta.11+974	SHT	10/23/14	Other
	SM-13-00016-SHT-C-E-012	Center Line for 30" Pipeline	SHT	11/09/14	Other
	SM-13-00016-SHT-C-E-013	800 mm Pipe Culvert at Sta.4+600	SHT	11/11/14	Record of Verbal Site Instruction
	SM-13-00016-SHT-C-E-014	Work Stoppage	SHT	01/06/15	Other
	SM-13-00016-SHT-C-E-015	Damaged curbstone at halhul main road & Shahera network	SHT	01/22/15	Other
	SM-13-00016-SHT-C-E-016	Stone Wall (2 Layers) in Deir Sha'ar	SHT	02/03/15	Other
	SM-13-00016-SHT-C-E-017	Scope of Roads works from Sta.9+400 to Sta.12+000	SHT	02/25/15	Other
	SM-13-00016-SHT-C-E-018	Obstructions and stoppage of roads work	SHT	02/25/15	Other
	SM-13-00016-SHT-C-E-019	Scope of works from Sta.7+940 to Sta.8+600	SHT	02/28/15	Other

E | Inspection Requests Log

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. AID-294-TO-12-00005
TASK ORDER #16, Deir Sha'ar Main Pipeline Project
Inspection Request Log

Inspection Request			TRACKING DATES				Approval Status
Spec. No.	Inspection Request #	Description	Submitted on (M/D/Y)	Inspection Date	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	IR-13-00016-SHT-001-A	NGL level & CL of retaining wall - From st.7+093 to st.7+220	01/26/14	01/27/14	01/29/14	2	C
	IR-13-00016-SHT-001-A 2nd Inspection	NGL level & CL of retaining wall - From st.7+093 to st.7+220	01/30/14	01/30/14	02/03/14	4	A
	IR-13-00016-SHT-002-A	Safety Plan - From st.6+680 to st.7+715	01/28/14	01/29/14	01/29/14	0	C
	IR-13-00016-SHT-002-A 2nd Inspection	Safety Plan - From st.6+680 to st.7+715	01/30/14	01/30/14	02/03/14	4	A
	IR-13-00016-SHT-003-A	Inspection for the excavation level of the retaining wall foundation before blind concrete (10cm) & the coordinate of exterior Edge of retaining wall. From st.7+093 to st.7+170	02/06/14	02/06/14	02/09/14	3	A
	IR-13-00016-SHT-004-A	Inspection for formworks for blinding concrete , From st.7+093 to st.7+170	02/06/14	02/08/14	02/09/14	1	C
	IR-13-00016-SHT-004-A - 2nd Inspection	Inspection for formworks for blinding concrete , From st.7+093 to st.7+170	02/09/14	02/09/14	02/10/14	1	D
	IR-13-00016-SHT-004-B	Inspection for formworks for blinding concrete , From st.7+093 to st.7+170	02/20/14	02/20/14	02/20/14	0	A
	IR-13-00016-SHT-005-A	Inspection for Casting blinding concrete, From st.7+093 to st.7+170	02/06/14	02/08/14	02/09/14	1	C
	IR-13-00016-SHT-005-A - 2nd Inspection	Inspection for Casting blinding concrete, From st.7+093 to st.7+171	02/09/14	02/09/14	02/10/14	1	D
	IR-13-00016-SHT-005-B	Inspection for Casting blinding concrete, From st.7+093 to st.7+170	02/20/14	02/20/14	02/20/14	0	A
	IR-13-00016-SHT-006-A	Inspection to attend taking sample by Building Center Laboratory from the steel on the site before starting the steel work. At Halhul Site	02/20/14	02/20/14	02/20/14	0	A
	IR-13-00016-SHT-007-A	Inspection for formworks & Steel works for casting foundation concrete, From st.7+093 to st.7+170	02/25/14	02/25/14	02/26/14	1	A
	IR-13-00016-SHT-008-A	Inspection for traffic plan, From st.0+000 to st.2+700	02/27/14	03/01/14	03/03/14	2	C
	IR-13-00016-SHT-008-B	Inspection for traffic plan, From st.0+000 to st.2+701	03/03/14	03/03/14	03/03/14	0	A
	IR-13-00016-SHT-009-A	Inspection the marking of center line points before Road Excavation, From st.0+300 to st.1+200	02/27/14	03/01/14	03/03/14	2	C
	IR-13-00016-SHT-009-B	Inspection the marking of center line points before Road Excavation, From st.0+300 to st.1+201	03/05/14	03/03/14	03/03/14	0	A
	IR-13-00016-SHT-010-A	Inspection for top level of the retaining wall, From st.7+095 to st.7+170	03/02/14	03/02/14	03/03/14	1	A
	IR-13-00016-SHT-011-A	Inspection the marking of center line points before Road Excavation, From st.0+080 to st.0+300	03/02/14	03/03/14	03/05/14	2	A
	IR-13-00016-SHT-012-A	Inspection for Steel Works for the wall - From st.7+096 to st.7+107	03/04/14	03/04/14	03/05/14	1	A
	IR-13-00016-SHT-013-A	Inspection for steel works for the wall before close shuttering - Retaining Wall from st.7+118 to st.7+129	03/05/14	03/05/14	03/06/14	1	A
	IR-13-00016-SHT-014-A	Inspection for the formwork for the reinforced retaining wall before casting concrete Retaining Wall from st.7+096 to st.7+107	03/06/14	03/06/14	03/06/14	0	A
	IR-13-00016-SHT-015-A	Inspection for casting concrete for the retaining wall. Retaining Wall from st.7+096 to st.7+107	03/06/14	03/08/14	03/09/14	1	C
	IR-13-00016-SHT-015-B	Inspection for casting concrete for the retaining wall. Retaining Wall from st.7+096 to st.7+107	03/09/14	03/09/14	03/09/14	0	A

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Inspection Request			TRACKING DATES				Approval Status
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	IR-13-00016-SHT-016-A	Inspection for traffic plan along 8'' Beit Omar Network From st. 0+000 to st.2+374	03/09/14	03/09/14	03/09/14	0	A
	IR-13-00016-SHT-017-A	Inspection for the formwork for the reinforced retaining wall before casting concrete, From st. 7+118 to st.7+129	03/09/14	03/09/14	03/09/14	0	A
	IR-13-00016-SHT-018-A	Inspection for steel works for the wall before close shuttering - Retaining Wall from st. 7+140 to st.7+151	03/09/14	03/09/14	03/09/14	0	A
	IR-13-00016-SHT-019-A	Inspection for steel works for the wall before close shuttering - Retaining Wall from st. 7+160 to st.7+170	03/09/14	03/09/14	03/09/14	0	A
	IR-13-00016-SHT-020-A	Inspection for casting concrete for the retaining wall. Retaining Wall From st. 7+118 to st.7+129	03/09/14	03/09/14	03/09/14	0	A
	IR-13-00016-SHT-021-A	Inspection for steel works & formwork for the wall of the retaining wall before casting concrete - Retaining Wall From st. 7+140 to st.7+150 & from st 7+160 to st.7+170	03/10/14	03/11/14	03/11/14	0	A
	IR-13-00016-SHT-022-A	Inspection casting concrete for the wall of the retaining wall- Retaining Wall From st. 7+140 to st.7+150 & from st 7+160 to st.7+171	03/11/14	03/11/14	03/11/14	0	A
	IR-13-00016-SHT-023-A	Inspection for Storage Yard.	03/17/14	03/17/14	03/17/14	0	C
	IR-13-00016-SHT-023-B	Inspection for Storage Yard.	03/24/14	03/24/14	03/24/14	0	C
	IR-13-00016-SHT-023-C	Inspection for Storage Yard.	03/31/14	03/31/14	04/01/14	1	A
	IR-13-00016-SHT-024-A	NGL level & Coordinates of edge of the wall From St. 7+389 to st.7+410 & from st.7+441 to st.7+505	03/18/14	03/18/14	03/20/14	2	A
	IR-13-00016-SHT-025-A	Inspection for steel works for the wall before close shuttering Retaining Wall from st. 7+107 to st.7+118 & from st.7+129 to st.7+140	03/19/14	03/19/14	03/20/14	1	A
	IR-13-00016-SHT-026-A	Inspection for steel works for the wall before close shuttering , Retaining Wall from st.7+150 to st.7+160	03/23/14	03/23/14	03/24/14	1	A
	IR-13-00016-SHT-027-A	Inspection for the coordinates & levels of NGL for centerline from st.1+200 to st.2+500	03/24/14	03/24/14	03/24/14	0	A
	IR-13-00016-SHT-028-A	Inspection for 8" pipes hand over	03/24/14	03/24/14	03/24/14	0	C
	IR-13-00016-SHT-028-B	Inspection for 8" pipes hand over	03/31/14	03/31/14	04/01/14	1	C
	IR-13-00016-SHT-028-C	Inspection for 8" pipes hand over & Fittings	05/14/14	05/14/14	05/15/14	1	C
	IR-13-00016-SHT-029-A	Inspection for formwork for the wall before casting concrete Retaining Wall from st. 7+107 to st.7+118	03/24/14	03/24/14	03/24/14	0	A
	IR-13-00016-SHT-030-A	Inspection for formwork for the wall before casting concrete Retaining Wall from st.7+129 to st.7+140	03/24/14	03/24/14	03/24/14	0	A
	IR-13-00016-SHT-031-A	Inspection for formwork for the wall before casting concrete Retaining Wall from st.7+150 to st.7+160	03/24/14	03/24/14	03/24/14	0	A
	IR-13-00016-SHT-032-A	Inspection for fabrication of elbows in the workshop.	03/31/14	03/31/14	04/01/14	1	A
	IR-13-00016-SHT-033-A	Inspection the alignment of 8'' pipeline & existing utilities at Beit Ummar Water Distribution Network before start excavation From Sta.0+480 to Sta.0+820	04/01/14	04/01/14	04/02/14	1	A
	IR-13-00016-SHT-034-A	Inspection for coordinates of edge of R.W. & formwork for the foundation before casting blinding concrete From St.7+445 to st.7+505	04/02/14	04/02/14	04/02/14	0	C

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	IR-13-00016-SHT-034-B	Inspection for coordinates of edge of R.W. & formwork for the foundation before casting blinding concrete From St.7+449 to st.7+505	04/02/14	04/02/14	04/03/14	1	A
	IR-13-00016-SHT-035-A	Inspection for coordinates of road centerline & NGL level for A-Aroub Road from st. 0+000 to st. 1+225	04/03/14	04/03/14	04/03/14	0	A
	IR-13-00016-SHT-036-A	Inspection excavation reduce level from st.7+389 to st.7+419	04/07/14	04/07/14	04/08/14	1	A
	IR-13-00016-SHT-037-A	Inspection excavation reduce level From st.7+441 to st.7+449	04/07/14	04/07/14	04/08/14	1	A
	IR-13-00016-SHT-038-A	Inspection for formwork and coordinate outside edge of wall before casting blinding concrete from st.7+389 to st.7+419 and from st.7+441 to st.7+449	04/08/14	04/08/14	04/08/14	0	A
	IR-13-00016-SHT-039-A	Inspection for steel works & formwork for the wall of the retaining wall before casting concrete - Retaining Wall From st.7+445 to st.7+505	04/10/14	04/12/14	04/13/14	1	A
	IR-13-00016-SHT-040-A	Inspection for casting concrete for the retaining wall- Retaining Wall From st.7+445 to st.7+505	04/10/14	04/12/14	04/13/14	1	A
	IR-13-00016-SHT-041-A	Inspection for preparation & cleaning for walls & foundations before insulation of Nitoproof 230 from interior side up to 2m height from top of foundation Retaining Wall from st.7+097 to st.7+175	04/13/14	04/14/14	04/14/14	0	A
	IR-13-00016-SHT-042-A	Inspection for preparation & cleaning the expansion joints & construction joints before filling (Thioflex 600) for interior side Retaining Wall from st.7+097 to st.7+175	04/13/14	04/14/14	04/14/14	0	C
	IR-13-00016-SHT-042-B	Inspection for preparation & cleaning the expansion joints & construction joints before filling (Thioflex 600) for interior side Retaining Wall from st.7+097 to st.7+175	04/21/14	04/21/14	04/22/14	1	A
	IR-13-00016-SHT-043-A	Inspection for steel works & formwork for the retaining wall foundation before casting concrete - Retaining Wall From st.7+390.92 to st.7+418.5	04/14/14	04/13/14	04/15/14	2	A
	IR-13-00016-SHT-044-A	Inspection for casting concrete for the retaining wall- Retaining Wall From st.7+390.92 to st.7+418.5	04/14/14	04/15/14	04/15/14	0	A
	IR-13-00016-SHT-045-A	Inspection for NGL level & Coordinates of edge of the wall. Retaining Wall from st.7+220 to st.7+375	04/16/14	04/16/14	04/16/14	0	A
	IR-13-00016-SHT-046-A	Inspection for steel works & formwork for the retaining wall foundation before casting concrete- Retaining Wall From st.7+389.32 to st.7+390.92 & from st.7+439.66 to st.7+444.84 & Access road RHS at st.7+439.96	04/17/14	04/19/14	04/19/14	0	A
	IR-13-00016-SHT-047-A	Inspection for casting concrete for the retaining wall foundation - Retaining Wall From st.7+389.32 to st.7+390.92 & from st.7+439.66 to st.7+444.84 & Access road RHS at st.7+439.96	04/17/14	04/19/14	04/19/14	0	A
	IR-13-00016-SHT-048-A	Inspection for formwork and top level of the wall and the retaining wall before steel works from st.7+450 to st.7+460 & from st.7+470 to st.7+480	04/17/14	04/19/14	04/19/14	0	A
	IR-13-00016-SHT-049-A	Inspection for casting blinding concrete for the retaining wall foundation - from st.7+389.32 to st.7+390.92 & Access road at st.7+439.66	04/17/14	04/19/14	04/19/14	0	A
	IR-13-00016-SHT-050-A	Inspection for steel works for the wall of the retaining wall from st.7+447.37 to st.7+457.22 & from st.7+468.42 to st.7+479.12	04/21/14	04/21/14	04/22/14	1	A

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Spec. No.	Inspection Request #	Description	Submitted on (M/D/Y)	Inspection Date	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	IR-13-00016-SHT-051-A	Inspection for excavation for the retaining wall to reduce level from st.7+320 to st. 7+370	04/24/14	04/24/14	04/24/14	0	A
	IR-13-00016-SHT-052-A	Inspection for formwork for the wall of the retaining wall before casting concrete - Retaining Wall from st.7+447.37 to st.7+457.22 & from st.7+468.42 to st.7+479.12	04/27/14	04/27/14	04/27/14	0	A
	IR-13-00016-SHT-053-A	Inspection for casting concrete for the wall of the retaining wall- Retaining Wall from st.7+447.37 to st.7+457.22 & from st.7+468.42 to st.7+479.12	04/27/14	04/27/14	04/27/14	0	A
	IR-13-00016-SHT-054-A	Inspection for formwork and coordinate of the wall foundation before casting blinding concrete - from st.7+347.92 to st.7+364.35 & from st.7+309.48 to st.7+347.92	04/27/14	04/27/14	04/27/14	0	A
	IR-13-00016-SHT-055-A	Inspection for casting blinding concrete for the wall foundation - from st.7+347.92 to st.7+364.35 & from st.7+309.48 to st.7+347.92	04/27/14	04/27/14	04/27/14	0	A
	IR-13-00016-SHT-056-A	Inspection request for 30" raw material to check and approve the steel (before manufacturing). Location METCO Storage Yard	04/28/14	04/30/14	05/01/14	1	A
	IR-13-00016-SHT-057-A	Inspection for steel works for the wall of the retaining wall from st.7+488.9 to st.7+500.14	04/28/14	04/28/14	04/28/14	0	A
	IR-13-00016-SHT-058-A	Inspection insulation interior side up to 2m height from top of foundation using of Nitoproof 230- Retaining Wall from st.7+096 to st.7+175	04/30/14	04/30/14	04/30/14	0	A
	IR-13-00016-SHT-059-A	Inspection for formwork for the wall of the retaining wall before casting concrete - Retaining Wall from st.7+488.9 to st.7+500.14	04/30/14	05/01/14	05/01/14	0	A
	IR-13-00016-SHT-060-A	Inspection for casting concrete for the wall of the retaining wall - Retaining Wall from st.7+488.9 to st.7+500.14	04/30/14	05/01/14	05/01/14	0	A
	IR-13-00016-SHT-061-A	Inspection for excavation for the retaining wall to reduce level from st.7+270 to st. 7+310	04/30/14	05/01/14	05/01/14	0	A
	IR-13-00016-SHT-062-A	Inspection for formwork and coordinate of the wall foundation before casting blinding concrete from st.7+270 to st. 7+310	04/30/14	05/01/14	05/01/14	0	A
	IR-13-00016-SHT-063-A	Inspection for casting blinding concrete for the wall foundation from st.7+274.35 to st. 7+309.48	04/30/14	05/01/14	05/01/14	0	A
	IR-13-00016-SHT-064-A	Inspection for steel works for the wall of the retaining wall from st.7+407.05 to st.7+416.85	05/04/14	05/04/14	05/04/14	0	A
	IR-13-00016-SHT-065-A	Inspection for 30'' pipe manufacturing process and review (Check testing) - METCO Factory	05/05/14	05/11/14	05/12/14	1	A
	IR-13-00016-SHT-066-A	Inspection for excavation for the retaining wall to reduce level - Retaining Wall from st.7+220 to st. 7+270	05/05/14	05/05/14	05/05/14	0	C
	IR-13-00016-SHT-066-B	Inspection for excavation for the retaining wall to reduce level - Retaining Wall from st.7+235 to st. 7+270	05/07/14	05/07/14	05/07/14	0	A
	IR-13-00016-SHT-067-A	Inspection for formwork and coordinate of the wall foundation before casting blinding concrete - Retaining Wall from st.7+220 to st. 7+270	05/05/14	05/05/14	05/05/14	0	C
	IR-13-00016-SHT-067-B	Inspection for formwork and coordinate of the wall foundation before casting blinding concrete- Retaining Wall from st.7+235 to st. 7+270	05/07/14	05/07/14	05/07/14	0	A

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	IR-13-00016-SHT-068-A	Inspection for casting blinding concrete for the wall foundation- Retaining Wall from st.7+235 to st. 7+270	05/07/14	05/07/14	05/07/14	0	A
	IR-13-00016-SHT-069-A	Inspection for formwork for the wall of the retaining wall from st.7+407.05 to st.7+416.85	05/08/14	05/10/14	05/11/14	1	A
	IR-13-00016-SHT-070-A	Inspection for casting concrete for the wall of the retaining wall - Retaining Wall from st.7+407.05 to st.7+416.85	05/08/14	05/10/14	05/11/14	1	A
	IR-13-00016-SHT-071-A	Inspection the alignment of 8'' pipeline & existing utilities at Beit Ummar Water Distribution Network before start excavation from Sta.0+820 to st. 2+295	05/10/14	05/10/14	05/11/14	1	A
	IR-13-00016-SHT-072-A	Inspection the alignment of 8'' pipeline & existing utilities at Beit Ummar Water Distribution Network before start excavation from sta.0+000 to 0+480	05/11/14	05/12/14	05/12/14	0	A
	IR-13-00016-SHT-073-A	Inspection for steel works for the retaining wall foundation from st.7+330.87 to st.7+361.82	05/11/14	05/11/14	05/12/14	1	A
	IR-13-00016-SHT-074-A	Inspection for steel works for the wall of the retaining wall from st.7+398 to st.7+389.32	05/11/14	05/11/14	05/12/14	1	A
	IR-13-00016-SHT-075-A	Inspection for steel works for the wall of the retaining wall from st.7+457.22 to st.7+464.19	05/11/14	05/11/14	05/12/14	1	A
	IR-13-00016-SHT-076-A	Inspection for steel works for the wall of the retaining wall from st.7+479.12 to st.7+488.99	05/11/14	05/11/14	05/12/14	1	A
	IR-13-00016-SHT-077-A	Inspection for casting concrete for the retaining wall foundation from st.7+330.87 to st.7+361.82	05/12/14	05/12/14	05/12/14	0	A
	IR-13-00016-SHT-078-A	Inspection for safety measures , traffic plan before start excavation & installation for Beit Omar 8`` pipeline - Beit Omar 8`` pipeline 0+000 to 0+820	05/14/14	05/14/14	05/14/14	0	A
	IR-13-00016-SHT-079-A	Inspection for steel works for the wall base slab of the retaining wall (Retaining wall foundation) from st.7+280.65 to st.7+331.17	05/14/14	05/14/14	05/14/14	0	A
	IR-13-00016-SHT-080-A	Inspection for casting concrete for the retaining wall base slab. (Retaining wall foundation) from st.7+280.65 to st.7+331.18	05/14/14	05/15/14	05/15/14	0	A
	IR-13-00016-SHT-081-A	Inspection for casting concrete for the wall of the retaining wall from st.7+457.22 to st.7+468.42	05/18/14	05/18/14	05/18/14	0	A
	IR-13-00016-SHT-082-A	Inspection for casting concrete for the wall of the retaining wall from st.7+479.12 to st.7+488.99	05/18/14	05/18/14	05/18/14	0	A
	IR-13-00016-SHT-083-A	Inspection for fabrication of 30'' bends using the following equipments : Telescope JCB, Balanko, Fiber Cutter & welding Machine	05/20/14	05/20/14	05/21/14	1	D
	IR-13-00016-SHT-084-A	Inspection for 30'' pipe tests including 1. Two sets of tension test., 2. Two sets of bend test., 3. Six sets of impact test. - Location: Tzinorot Lab (Metallurgical Laboratory)	05/20/14	05/22/14	05/22/14	0	A
	IR-13-00016-SHT-085-A	Inspection for steel works for the wall base slab of the retaining wall (Retaining wall foundation) from st.7+259.84 to st.7+280.65	05/21/14	05/21/14	05/21/14	0	A
	IR-13-00016-SHT-086-A	Inspection for formwork for the wall base slab of the retaining wall (Retaining wall foundation) from st.7+259.84 to st.7+280.65	05/21/14	05/21/14	05/21/14	0	A

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	IR-13-00016-SHT-087-A	Inspection the alignment of 8'' pipeline & existing utilities at Beit Ummar Water Distribution Network before start excavation from Sta.0+820 to st. 0+900	05/21/14	05/21/14	05/21/14	0	A
	IR-13-00016-SHT-088-A	Inspection for safety measures , traffic plan before start excavation & installation for Beit Omar 8`` pipeline - Beit Omar 8`` pipeline 0+820 to 0+900	05/21/14	05/21/14	05/21/14	0	A
	IR-13-00016-SHT-089-A	Inspection for casting concrete for the wall of the retaining wall from st.7+389.32 to st.7+398	05/21/14	05/21/14	05/21/14	0	A
	IR-13-00016-SHT-090-A	Inspection for casting concrete for the wall base slab of the retaining wall (Retaining wall foundation) from st.7+259.84 to st.7+280.65	05/21/14	05/21/14	05/21/14	0	A
	IR-13-00016-SHT-091-A	Inspection Request for black pipe and coating the 8" pipes in METCO	05/25/14	05/26/14	05/27/14	1	A
	IR-13-00016-SHT-092-A	Inspection for steel works for the wall base slab of the retaining wall (Retaining wall foundation) from st.7+237.30 to st.7+259.84	05/25/14	05/26/14	05/26/14	0	A
	IR-13-00016-SHT-093-A	Inspection for casting concrete for the wall base slab of the retaining wall (Retaining wall foundation) from st.7+237.30 to st.7+259.84	05/26/14	05/27/14	05/27/14	0	A
	IR-13-00016-SHT-094-A	Inspection for steel works for the wall of the retaining wall from st.7+347.62 to st.7+357.36	05/26/14	05/27/14	05/27/14	0	A
	IR-13-00016-SHT-095-A	Inspection for steel works for the wall of the retaining wall from st.7+500.14 to st.7+505.59	05/26/14	05/27/14	05/27/14	0	A
	IR-13-00016-SHT-096-A	Inspection for casting concrete for the wall of the retaining wall from st.7+500.14 to st.7+505.59	05/27/14	05/27/14	05/27/14	0	A
	IR-13-00016-SHT-097-A	Inspection for steel works for the wall of the retaining wall from st.7+398 to st.7+407.5	05/27/14	05/28/14	05/28/14	0	A
	IR-13-00016-SHT-098-A	Inspection for casting concrete for the wall of the retaining wall from st.7+347.62 to st.7+357.36 , First stage (with height 3.44)	05/29/14	05/29/14	05/29/14	0	A
	IR-13-00016-SHT-099-A	Inspection for steel works for the wall of the retaining wall from st.7+439.66 to st.7+447.37	05/29/14	05/29/14	05/29/14	0	A
	IR-13-00016-SHT-100-A	Inspection for casting concrete for the wall of the retaining wall from st.7+398 to st.7+407.05	05/31/14	05/31/14	05/31/14	0	A
	IR-13-00016-SHT-101-A	Inspection for casting concrete for the wall of the retaining wall from st.7+439.66 to st.7+447.37	06/01/14	06/01/14	06/01/14	0	A
	IR-13-00016-SHT-102-A	Inspection for steel works for the wall of the retaining wall from st.7+328.12 to st.7+337.87	06/01/14	06/01/14	06/01/14	0	A
	IR-13-00016-SHT-103-A	Inspection for casting concrete for the wall of the retaining wall from st.7+347.62 to st.7+357.36 , 2nd stage (with height 3.44)	06/01/14	06/01/14	06/01/14	0	A
	IR-13-00016-SHT-104-A	Inspection for casting concrete first stage for the wall of the retaining wall from st.7+328.12 to st.7+337.87 (height - 3.90 m)	06/02/14	06/03/14	06/03/14	0	A
	IR-13-00016-SHT-105-A	Inspection for safety measures , traffic plan before start excavation & installation for Beit Omar 8`` pipeline - Beit Omar 8`` pipeline 1+600 to 2+370	06/03/14	06/03/14	06/04/14	1	C
	IR-13-00016-SHT-105-B	Inspection for safety measures , traffic plan before start excavation & installation for Beit Omar 8`` pipeline - Beit Omar 8`` pipeline 1+600 to 2+370	06/05/14	06/05/14	06/05/14	0	A

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	IR-13-00016-SHT-106-A	Inspection for casting concrete 2nd stage for the wall of the retaining wall from st.7+328.12 to st.7+337.87 (height - 3.90 m)	06/05/14	06/07/14	06/07/14	0	A
	IR-13-00016-SHT-107-A	Inspection for steel works for the wall of the retaining wall from st.7+308 to st.7+318.12	06/07/14	06/07/14	06/07/14	0	A
	IR-13-00016-SHT-108-A	Inspection for Backfill selected material - Retaining wall from st.7+093 to st.7+175	06/07/14	06/08/14	06/08/14	0	D
	IR-13-00016-SHT-108-B	Inspection for Backfill selected material - Retaining wall from st.7+093 to st.7+170	06/15/14	06/15/14	06/15/14	0	A
	IR-13-00016-SHT-109-A	Inspection for casting concrete **first Stag**e for the wall of the retaining wall from st.7+308 to st.7+318.12	06/08/14	06/09/14	06/09/14	0	A
	IR-13-00016-SHT-110-A	Inspection for safety measures , traffic plan before start excavation & installation for Roads - Halhul- 7+080 to 7+200	06/08/14	06/09/14	06/10/14	1	C
	IR-13-00016-SHT-110-B	Inspection for traffic plan before start excavation & installation for Roads - Halhul- 7+080 to 7+200	06/10/14	06/10/14	06/10/14	0	A
	IR-13-00016-SHT-111-A	Inspection for steel works for the wall of the retaining wall - Retaining wall from st.7+289.98 to st.7+299.78	06/08/14	06/09/14	06/10/14	1	A
	IR-13-00016-SHT-112-A	Inspection for welder qualification tests- Storage Yard	06/08/14	06/09/14	06/10/14	1	A
	IR-13-00016-SHT-113-A	Inspection for casting concrete **2nd Stage** for the wall of the retaining wall from st.7+308.48 to st.7+318.38	06/10/14	06/10/14	06/10/14	0	A
	IR-13-00016-SHT-114-A	Inspection for the preparation works for interior side up to 2m height before start of first coat - Retaining Wall from st.7+450 to st.7+505	06/10/14	06/10/14	06/11/14	1	C
	IR-13-00016-SHT-114-B	Inspection for the preparation works for interior side up to 2m height before start of first coat - Retaining Wall from st.7+450 to st.7+505	06/15/14	06/15/14	06/15/14	0	A
	IR-13-00016-SHT-115-A	Inspection for steel works for the wall of the retaining wall - Retaining wall from st.7+268.94 to st.7+278.85	06/10/14	06/10/14	06/10/14	0	A
	IR-13-00016-SHT-116-A	Inspection for sub grade level for 30" pipeline from sta.0+900 to sta.1+200	06/10/14	06/11/14	06/11/14	0	C
	IR-13-00016-SHT-116-B	Inspection for sub grade level for 30" pipeline from sta.0+900 to sta.1+200	08/26/14	08/26/14	08/26/14	0	A
	IR-13-00016-SHT-117-A	Inspection for sub grade level for Al-Aroub network from sta.0+000 to sta.0+200 & from sta.0+230 to sta.0+500	06/11/14	06/11/14	06/11/14	0	C
	IR-13-00016-SHT-117-B	Inspection for sub grade level for Al-Aroub network from sta.0+000 to sta.0+700	08/07/14	08/07/14	08/07/14	0	A
	IR-13-00016-SHT-118-A	Inspection for digging in 6" Al-Aroub pipeline from sta.0+000 to sta.0+260	06/11/14	06/11/14	06/11/14	0	A
	IR-13-00016-SHT-119-A	Inspection for casting concrete **first stage** for the wall of the retaining wall from st.7+289.98 to st.7+299.78	06/11/14	06/11/14	06/11/14	0	A
	IR-13-00016-SHT-120-A	Inspection for final excavation level from sta.7+215 to sta.7+220	06/12/14	06/12/14	06/12/14	0	A
	IR-13-00016-SHT-121-A	Inspection for 30" main pipeline installation from sta.1+200 to sta.0+800	06/12/14	06/12/14	06/12/14	0	D
	IR-13-00016-SHT-121-B	Inspection for 30" main pipeline installation from sta.1+200 to sta.0+800	06/14/14	06/14/14	06/14/14	0	A
	IR-13-00016-SHT-122-A	Inspection for safety measurements along 30" main pipeline installation from sta.1+200 to sta.0+800	06/12/14	06/12/14	06/12/14	0	C
	IR-13-00016-SHT-122-B	Inspection for safety measurements along 30" main pipeline installation from sta.1+200 to sta.0+800	06/18/14	06/18/14	06/18/14	0	C

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	IR-13-00016-SHT-122-C	Inspection for safety measurements along 30" main pipeline installation from sta.1+200 to sta.0+800	06/19/14	06/19/14	06/19/14	0	A
	IR-13-00016-SHT-123-A	Inspection for marking of ROW coordinates for right hand side of road before start excavation	06/12/14	06/12/14	06/12/14	0	A
	IR-13-00016-SHT-124-A	Inspection for casting concrete **2nd stage** for the wall of the retaining wall from st.7+289.98 to st.7+299.78	06/12/14	06/14/14	06/15/14	1	A
	IR-13-00016-SHT-125-A	Inspection for safety measurement before start excavation & installation for Roads - Halhul-7+000 to 7+200	06/15/14	06/15/14	06/15/14	0	A
	IR-13-00016-SHT-126-A	Inspection for the preparation works for outer side up to natural ground level before start of first coat from sta.7+093 to sta.7+175	06/15/14	06/15/14	06/15/14	0	A
	IR-13-00016-SHT-127-A	Inspection for steel works for the wall of the retaining wall - Retaining wall from st.7+337.87 to st.7+347.62	06/15/14	06/15/14	06/15/14	0	A
	IR-13-00016-SHT-128-A	Inspection for casting concrete 1st stage for the wall of the retaining wall - Retaining wall from st.7+268.94 to st.7+278.85	06/15/14	06/15/14	06/15/14	0	A
	IR-13-00016-SHT-129-A	Inspection for Internal cement lining mockup of 30" elbows at Workshop	06/15/14	06/15/14	06/15/14	0	A
	IR-13-00016-SHT-130-A	Inspection for Backfill **first layer** selected material - Retaining wall from st.7+093 to st.7+170	06/15/14	06/15/14	06/15/14	0	A
	IR-13-00016-SHT-131-A	Inspection for Backfill **2nd layer** selected material - Retaining wall from st.7+093 to st.7+170	06/16/14	06/16/14	06/16/14	0	A
	IR-13-00016-SHT-132-A	Inspection for casting concrete 1st stage for the wall of the retaining wall - Retaining wall from st.7+337.87 to st.7+347.62	06/16/14	06/16/14	06/16/14	0	A
	IR-13-00016-SHT-133-A	Inspection for first coat insulation works for interior side up to 2m height before start of 2nd coat insulation- Retaining Wall from st.7+450 to st.7+505	06/17/14	06/17/14	06/17/14	0	A
	IR-13-00016-SHT-134-A	Inspection for welder qualification tests- Storage Yard	06/17/14	06/17/14	06/17/14	0	C
	IR-13-00016-SHT-134-B	Inspection for welder qualification tests- Storage Yard	06/18/14	06/18/14	06/19/14	1	A
	IR-13-00016-SHT-135-A	Inspection for casting concrete 2nd stage for the wall of the retaining wall - Retaining wall from st.7+268.94 to st.7+278.85	06/17/14	06/17/14	06/17/14	0	A
	IR-13-00016-SHT-136-A	Inspection for Backfill **3rd layer** selected material - Retaining wall from st.7+093 to st.7+170	06/17/14	06/17/14	06/18/14	1	C
	IR-13-00016-SHT-136-B	Inspection for Backfill 3rd layer selected material - Retaining wall from st.7+093 to st.7+170	06/18/14	06/18/14	06/19/14	1	A
	IR-13-00016-SHT-137-A	Inspection for 2nd coat insulation works for interior side up to 2m height before start backfilling- Retaining Wall from st.7+450 to st.7+505	06/17/14	06/18/14	06/18/14	0	A
	IR-13-00016-SHT-138-A	Inspection for formwork 2nd stage for the wall of the retaining wall - Retaining wall from st.7+337.87 to st.7+347.62	06/18/14	06/18/14	06/18/14	0	A
	IR-13-00016-SHT-139-A	Inspection for casting concrete 2nd stage for the wall of the retaining wall - Retaining wall from st.7+337.87 to st.7+347.62	06/18/14	06/19/14	06/19/14	0	A

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	IR-13-00016-SHT-140-A	Inspection for Backfill first layer selected material - Retaining Wall from st.7+450 to st.7+505	06/19/14	06/19/14	06/19/14	0	C
	IR-13-00016-SHT-140-B	Inspection for Backfill **first layer** selected material - Retaining Wall from st.7+450 to st.7+505	06/22/14	06/22/14	06/23/14	1	C
	IR-13-00016-SHT-140-C	Inspection for Backfill first layer selected material - Retaining Wall from st.7+450 to st.7+470	06/25/14	06/25/14	06/25/14	0	A
	IR-13-00016-SHT-141-A	Inspection for steel works for the wall of the retaining wall - Retaining wall from st.7+318.38 to st.7+328.12	06/19/14	06/19/14	06/19/14	0	A
	IR-13-00016-SHT-142-A	Inspection for formwork for the wall of the retaining wall - Retaining wall from st.7+318.38 to st.7+328.12	06/19/14	06/21/14	06/21/14	0	A
	IR-13-00016-SHT-143-A	Inspection for casting concrete **1st stage** for the wall of the retaining wall - Retaining wall from st.7+318.38 to st.7+328.12	06/19/14	06/21/14	06/21/14	0	A
	IR-13-00016-SHT-144-A	Inspection for traffic plan along 8'' Halhul Network (Zaboud) before start construction from st. 0+000 to st.1+100	06/19/14	06/21/14	06/21/14	0	C
	IR-13-00016-SHT-144-B	Inspection for traffic plan along 8'' Halhul Network (Zaboud) before start construction from st. 0+000 to st.1+100	06/22/14	06/22/14	06/22/14	0	A
	IR-13-00016-SHT-145-A	Inspection for the alignment of 8'' pipeline & existing utilities at Zaboud Network before start excavation from sta.0+600 to sta.1+100	06/19/14	06/21/14	06/21/14	0	C
	IR-13-00016-SHT-145-B	Inspection for the alignment of 8'' pipeline & existing utilities at Zaboud Network before start excavation from sta.0+600 to sta.1+100	06/22/14	06/22/14	06/22/14	0	A
	IR-13-00016-SHT-146-A	Inspection for Backfill **4th layer** selected material - Retaining wall from st.7+093 to st.7+150	06/22/14	06/22/14	06/22/14	0	A
	IR-13-00016-SHT-147-A	Inspection for steel works for the wall of the retaining wall - Retaining wall from sta. 7+439.66 to access road	06/22/14	06/22/14	06/23/14	1	A
	IR-13-00016-SHT-148-A	Inspection for formwork for the wall of the retaining wall - Retaining wall from sta. 7+439.66 to access road	06/22/14	06/22/14	06/23/14	1	A
	IR-13-00016-SHT-149-A	Inspection for casting concrete for the wall of the retaining wall - Retaining wall from sta. 7+439.66 to access road	06/22/14	06/22/14	06/23/14	1	A
	IR-13-00016-SHT-150-A	Inspection for steel works for the wall of the retaining wall - Retaining wall from sta. 7+250.45 to sta.7+259.24	06/22/14	06/22/14	06/22/14	0	A
	IR-13-00016-SHT-151-A	Inspection for casting blinding concrete for the wall foundation from sta. 7+203.4 to sta.7+237.30	06/23/14	06/23/14	06/23/14	0	A
	IR-13-00016-SHT-152-A	Inspection for formwork **2nd stage** for the wall of the retaining wall - Retaining wall from st.7+318.38 to st.7+328.12	06/23/14	06/23/14	06/23/14	0	A
	IR-13-00016-SHT-153-A	Inspection for casting concrete 2nd stage for the wall of the retaining wall - Retaining wall from st.7+318.38 to st.7+328.12	06/23/14	06/23/14	06/23/14	0	A
	IR-13-00016-SHT-154-A	Inspection for steel works for the retaining wall foundation from sta.7+361.82 to sta.7+363.22	06/23/14	06/23/14	06/23/14	0	A

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	IR-13-00016-SHT-155-A	Inspection for casting concrete for the retaining wall foundation from sta.7+361.82 to sta.7+363.22	06/23/14	06/23/14	06/23/14	0	A
	IR-13-00016-SHT-156-A	Inspection for Backfill **5th layer** selected material - Retaining wall from st.7+093 to st.7+135	06/23/14	06/23/14	06/23/14	0	A
	IR-13-00016-SHT-157-A	Inspection for formwork **first stage** for the wall of the retaining wall - Retaining wall from sta. 7+250.58 to sta.7+259.27	06/25/14	06/25/14	06/25/14	0	A
	IR-13-00016-SHT-158-A	Inspection for casting concrete **first stage** for the wall of the retaining wall - Retaining wall from sta. 7+250.58 to sta.7+259.27	06/25/14	06/25/14	06/25/14	0	A
	IR-13-00016-SHT-159-A	Inspection for steel works for the wall of the retaining wall from sta.7+299.72 to sta.7+308.48	06/25/14	06/25/14	06/25/14	0	A
	IR-13-00016-SHT-160-A	Inspection for steel works for the retaining wall foundation from sta.7+418.5 to sta.7+420	06/25/14	06/25/14	06/25/14	0	A
	IR-13-00016-SHT-161-A	Inspection for casting concrete for the retaining wall foundation from sta.7+418.5 to sta.7+420	06/25/14	06/25/14	06/25/14	0	A
	IR-13-00016-SHT-162-A	Inspection for Backfill 2nd layer selected material - Retaining Wall from st.7+450 to st.7+465	06/25/14	06/26/14	06/26/14	0	A
	IR-13-00016-SHT-163-A	Inspection for Backfill **6th layer** selected material - Retaining wall from st.7+093 to st.7+120	06/25/14	06/26/14	06/26/14	0	A
	IR-13-00016-SHT-164-A	Inspection for Backfill 1st layer selected material - Retaining wall from st.7+470 to st.7+485	06/25/14	06/26/14	06/26/14	0	A
	IR-13-00016-SHT-165-A	Inspection for safety measurement before start excavation & installation 8" pipes - Halhul-Zaboud from sta.0+620 to 1+110	06/26/14	06/26/14	06/26/14	0	A
	IR-13-00016-SHT-166-A	Inspection for casting concrete 2nd stage for the wall of the retaining wall - Retaining wall from sta. 7+250.58 to sta.7+259.27	06/26/14	06/28/14	06/29/14	1	A
	IR-13-00016-SHT-167-A	Inspection for steel works for the wall of the retaining wall from sta.7+278.85 to sta.7+289.98	06/29/14	06/29/14	06/29/14	0	A
	IR-13-00016-SHT-168-A	Inspection for formwork for the wall of the retaining wall from sta.7+299.78 to sta.7+308.48	06/29/14	06/30/14	06/30/14	0	A
	IR-13-00016-SHT-169-A	Inspection for safety and traffic plan before road excavation From St.6+900 to st.7+120	06/29/14	06/30/14	06/30/14	0	D
	IR-13-00016-SHT-169-B	Inspection for safety and traffic plan before road excavation From St.6+900 to st.7+250 - Al-Hawawer	07/03/14	07/03/14	07/03/14	0	C
	IR-13-00016-SHT-169-C	Inspection for traffic plan before road excavation From St.6+900 to st.7+250 - Al-Hawawer	07/05/14	07/06/14	07/06/14	0	C
	IR-13-00016-SHT-169-D	Inspection for traffic plan before road excavation From St.6+900 to st.7+250 - Al-Hawawer	08/04/14	08/04/14	08/04/14	0	A
	IR-13-00016-SHT-170-A	Inspection for casting concrete B-250 **first stage** for the wall of the retaining wall from sta.7+299.72 to sta.7+308.48	06/29/14	06/30/14	06/30/14	0	A

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	IR-13-00016-SHT-171-A	Inspection for welder qualification tests- Storage Yard	06/26/14	06/28/14	06/30/14	2	A
	IR-13-00016-SHT-172-A	Inspection for steel works for the retaining wall foundation from sta.7+203.54 to sta.7+237.3	07/02/14	07/03/14	07/03/14	0	C
	IR-13-00016-SHT-172-B	Inspection for steel works for the retaining wall foundation from sta.7+204.23 to sta.7+237.3	07/05/14	07/05/14	07/06/14	1	A
	IR-13-00016-SHT-173-A	Inspection for welder qualification tests- Storage Yard	07/03/14	07/03/14	07/03/14	0	A
	IR-13-00016-SHT-174-A	Inspection for Al-Aroub traffic plan from Sta.0+000 to Sta.1+100.	07/03/14	07/03/14	07/03/14	0	C
	IR-13-00016-SHT-174-B	Inspection for Al-Aroub traffic plan from Sta.0+000 to Sta.1+100.	07/05/14	07/05/14	07/05/14	0	A
	IR-13-00016-SHT-175-A	Inspection for formwork for the retaining wall foundation from sta.7+204.23 to sta.7+237.3	07/05/14	07/05/14	07/06/14	1	A
	IR-13-00016-SHT-176-A	Inspection for casting concrete for the retaining wall foundation from sta.7+204.23 to sta.7+237.3	07/05/14	07/05/14	07/06/14	1	A
	IR-13-00016-SHT-177-A	Inspection for formwork **2nd stage** for the wall of the retaining wall from sta.7+299.72 to sta.7+308.48	07/05/14	07/05/14	07/06/14	1	A
	IR-13-00016-SHT-178-A	Inspection for casting concrete **2nd stage** for the wall of the retaining wall from sta.7+299.72 to sta.7+308.48	07/05/14	07/05/14	07/06/14	1	A
	IR-13-00016-SHT-179-A	Inspection for casting concrete first stage for the wall of the retaining wall from sta.7+278.85 to sta.7+289.98	07/06/14	07/07/14	07/07/14	0	A
	IR-13-00016-SHT-180-A	Inspection for steel works for the wall of the retaining wall from sta.7+357.36to sta.7+363.08	07/08/14	07/09/14	07/09/14	0	A
	IR-13-00016-SHT-181-A	Inspection for Safety plan along 6'' & 4" Al Aroub Network before starting construction, Al Aroub from St. 0+000 to St. 1+200	07/10/14	12-Jul-14	07/13/14	1	A
	IR-13-00016-SHT-182-A	Inspection for coordination and alignment plan along 6'' & 4" Al Aroub Network before starting construction : Al Aroub from St. 0+000 to St. 1+200	07/10/14	07/10/14	07/10/14	0	A
	IR-13-00016-SHT-183-A	Inspection for Safety of Manhole Chamber Beit Ummar 8" water line at St. 0+040	07/10/14	07/10/14	07/10/14	0	D
	IR-13-00016-SHT-183-B	Inspection for Safety of Manhole Chamber Beit Ummar 8" water line at St. 0+040	07/12/14	07/12/14	07/12/14	0	A
	IR-13-00016-SHT-184-A	Inspection for Casting Concrete Second Stage Halhul Retaining Wall from St. 7+278.85 to St. 7+288.98	07/10/14	07/12/14	07/13/14	1	A
	IR-13-00016-SHT-185-A	Inspection for Widening Excavation Retaining Wall from St. 7+400 to St. 7+500	07/10/14	07/12/14	07/13/14	1	C
	IR-13-00016-SHT-185-B	Coordination for R.O.W. before start of Widening Excavation for Retaining Wall from St. 7+400 to St. 7+500	07/16/14	07/19/14	07/20/14	1	A
	IR-13-00016-SHT-186-A	Inspection for traffic and safety of widening excavation Halhul Retaining Wall from St. 7+400 to St. 7+500	07/10/14	07/12/14	07/13/14	1	C
	IR-13-00016-SHT-186-B	Inspection for traffic and safety of widening excavation Halhul Retaining Wall from St. 7+400 to St. 7+500	07/16/14	07/16/14	07/17/14	1	A
	IR-13-00016-SHT-187-A	Inspection for video taping for water pipeline Arroub Main Line from St. 1+190 to St. 0+690	07/10/14	07/12/14	07/13/14	1	A
	IR-13-00016-SHT-188-A	Inspection for Lumber form work from St. 7+278.85 to St. 7+288.98	07/12/14	07/12/14	07/13/14	1	A

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	IR-13-00016-SHT-189-A	Inspection for steel works for the retaining wall from St.7+416.85 to St. 7+420.01	07/13/14	07/13/14	07/14/14	1	A
	IR-13-00016-SHT-190-A	Inspection for formwork for the retaining wall from St.7+357.36 to St.7+363.08	07/13/14	07/14/14	07/14/14	0	A
	IR-13-00016-SHT-191-A	Inspection for casting concrete (First stage) for the retaining wall from St.7+357.36 to St.7+363.08	07/13/14	07/14/14	07/14/14	0	A
	IR-13-00016-SHT-192-A	Inspection for steel works for the retaining wall from St.7+243.91 to St.7+237.34	07/13/14	07/13/14	07/14/14	1	A
	IR-13-00016-SHT-193-A	Inspection for Radio graphic test along 6" pipe Num of joints 4 -Al-Aroub station from sta. 0+000 to sta. 0+580	07/15/14	07/15/14	07/17/14	2	A
	IR-13-00016-SHT-194-A	Inspection for Steel works for retaining walls from St. 7+259.27 to St. 7+268.49 LHS	07/16/14	07/17/14	07/17/14	0	C
	IR-13-00016-SHT-194-B	Inspection for Steel works for retaining walls from St. 7+259.27 to St. 7+268.94 LHS	07/1714	07/19/14	07/20/14	1	A
	IR-13-00016-SHT-195-A	Inspection for Formworks for wall of the retaining walls from St. 7+357.36 to St. 7+363.08 LHS	07/16/14	07/17/14	07/17/14	0	A
	IR-13-00016-SHT-196-A	Inspection for casting concrete (second stage) for wall of the retaining walls from St. 7+357.36 to St. 7+363.08 LHS	07/16/14	07/17/14	07/17/14	0	A
	IR-13-00016-SHT-197-A	Inspection for Formworks for wall of the retaining walls from St. 7+416.85 to St. 7+420.01 LHS	07/16/14	07/17/14	07/17/14	0	C
	IR-13-00016-SHT-197-B	Inspection for Formworks for wall of the retaining walls from St. 7+416.85 to St. 7+420.01 LHS	07/17/14	07/19/14	07/20/14	1	A
	IR-13-00016-SHT-198-A	Inspection for casting concrete for wall of the retaining walls from St. 7+416.85 to St. 7+420.01 LHS	07/16/14	07/17/14	07/17/14	0	C
	IR-13-00016-SHT-198-B	Inspection for casting concrete for wall of the retaining walls from St. 7+416.85 to St. 7+420.01 LHS	07/17/14	07/19/14	07/20/14	1	A
	IR-13-00016-SHT-199-A	Inspection for Formworks for wall of the retaining walls from St. 7+243.91 to St. 7+237.34 LHS	07/16/14	07/17/14	07/17/14	0	A
	IR-13-00016-SHT-200-A	Inspection for casting concrete (first stage) for wall of the retaining walls from St. 7+243.91 to St. 7+237.34 LHS	07/16/14	07/17/14	07/17/14	0	A
	IR-13-00016-SHT-201-A	Closeout of May 2014 Environmental Checklist.	07/16/14	07/17/14	07/17/14	0	A
	IR-13-00016-SHT-202-A	Closeout of June 2014 Environmental Checklist.	07/16/14	07/17/14	07/17/14	0	C
	IR-13-00016-SHT-202-B	Closeout of June 2014 Environmental Checklist.	08/19/14	08/19/14	08/20/14	1	A
	IR-13-00016-SHT-203-A	Traffic Control Plan for Al Nabi Younes Intersection	07/20/14	07/20/14	07/20/14	0	A
	IR-13-00016-SHT-204-A	Inspection for the field compaction test along Biet Ummer work pipeline from St. 1+340 to St. 2+300	07/20/14	07/20/14	07/21/14	1	A
	IR-13-00016-SHT-205-A	Inspection for formwork (2nd Stage) for wall of the retaining walls from St. 7+243.91 to St. 7+237.34 LHS.	07/20/14	07/21/14	07/21/14	0	C
	IR-13-00016-SHT-205-B	Inspection for formwork (2nd Stage) for wall of the retaining walls from St. 7+243.91 to St. 7+237.34 LHS.	07/21/14	07/22/14	07/22/14	0	A
	IR-13-00016-SHT-206-A	Inspection for formwork (First Stage) for wall of the retaining walls from St. 7+259.27 to St. 7+268.94 LHS .	07/20/14	07/21/14	07/21/14	0	C

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	IR-13-00016-SHT-206-B	Inspection for formwork (First Stage) for wall of the retaining walls from St. 7+259.27 to St. 7+268.94 LHS .	07/21/14	07/22/14	07/22/14	0	A
	IR-13-00016-SHT-207-A	Inspection for casting concrete (2nd Stage) for wall of the retaining walls from St. 7+243.91 to St. 7+237.34 LHS.	07/20/14	07/21/14	07/21/14	0	C
	IR-13-00016-SHT-207-B	Inspection for casting concrete (2nd Stage) for wall of the retaining walls from St. 7+243.91 to St. 7+237.34 LHS.	07/21/14	07/22/14	07/22/14	0	A
	IR-13-00016-SHT-208-A	Inspection for casting concrete (First Stage) for wall of the retaining walls from St. 7+259.27 to St. 7+268.94 LHS .	07/20/14	07/21/14	07/21/14	0	C
	IR-13-00016-SHT-208-B	Inspection for casting concrete (First Stage) for wall of the retaining walls from St. 7+259.27 to St. 7+268.94 LHS .	07/21/14	07/22/14	07/22/14	0	A
	IR-13-00016-SHT-209-A	Inspection for Welders Qualification Test in Storage Yard	07/20/14	07/21/14	07/21/14	0	C
	IR-13-00016-SHT-209-B	Inspection for Welders Qualification Test in Storage Yard	07/23/14	07/24/14	07/24/14	0	A
	IR-13-00016-SHT-210-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick from St. 2+310 to St. 1+750	07/20/14	07/21/14	07/22/14	1	A
	IR-13-00016-SHT-211-A	Inspection for 8" Beit Ummar Location of Manhole for : 8" G.V at Sta.0+010 , 3" W.O.at Sta.0+058.27 ,6" G.V at Sta.0+804.36 ,3" A.R.V. at Sta.1+080.71 ,6" G.V at Sta.1+251.18 and 3" W.O.at Sta. 2+312	07/22/14	07/23/14	07/23/14	0	A
	IR-13-00016-SHT-212-A	Inspection the alignment of 30'' pipeline & existing utilities at Main Pipeline Distribution Network before start excavation from Sta.1+200 to st. 1+400	07/31/14	07/31/14	08/03/14	3	A
	IR-13-00016-SHT-213-A	Inspection for steel works for wall of the retaining wall from St.7+218.18 to St.7+227.92 Halhoul Road LHS.	08/02/14	08/02/14	08/03/14	1	A
	IR-13-00016-SHT-214-A	Inspection for formwork (Second Stage) for wall of the retaining walls from St. 7+259.27 to St. 7+268.94 LHS .	08/02/14	08/02/14	08/03/14	1	A
	IR-13-00016-SHT-215-A	Inspection for casting concrete (Second Stage) for wall of the retaining walls from St. 7+259.27 to St. 7+268.94 LHS .	08/02/14	08/03/14	08/04/14	1	A
	IR-13-00016-SHT-216-A	Inspection for excavation to reach the subgrade level in Al-aroub Network Road From st.0+000 to st.0+970	08/02/14	08/03/14	08/03/14	0	C
	IR-13-00016-SHT-216-B	Inspection for excavation to reach the subgrade level in Al-aroub Network Road From st.0+000 to st.0+970	08/04/14	08/04/14	08/04/14	0	A
	IR-13-00016-SHT-217-A	Inspection for the preparation works for interior side up to 2m height before start of first coat - Retaining Wall from st.7+390.4 to st.7+420.1	08/03/14	08/03/14	08/04/14	1	A
	IR-13-00016-SHT-218-A	Inspection for the field compaction test along Biet Ummer work pipeline from St. 1+340 to St. 0+810	08/03/14	08/03/14	08/04/14	1	A
	IR-13-00016-SHT-219-A	Inspection for safety and traffic arrangement and order to start excavation for get valve in Biet Ummer Network at sta.0+010.	08/03/14	08/04/14	08/04/14	0	A
	IR-13-00016-SHT-220-A	Inspection for safety and traffic arrangement and order to start excavation for wash out in Biet Ummer Network at sta.0+058.27.	08/03/14	08/04/14	08/04/14	0	A

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	IR-13-00016-SHT-221-A	Inspection for safety and traffic arrangement and order to start excavation for get valve in Biet Ummer Network at sta.0+804.36.	08/03/14	08/04/14	08/04/14	0	A
	IR-13-00016-SHT-222-A	Inspection for formwork (First Stage) for wall of the retaining wall from St.7+218.18 to St.7+227.92 LHS.	08/04/14	08/04/14	08/04/14	0	C
	IR-13-00016-SHT-222-B	Inspection for formwork (First Stage) for wall of the retaining wall from St.7+218.18 to St.7+227.92 LHS.	08/05/14	08/05/14	08/05/14	0	A
	IR-13-00016-SHT-223-A	Inspection for casting concrete (First Stage) for wall of the retaining wall from St.7+218.18 to St.7+227.92 LHS.	08/04/14	08/04/14	08/04/14	0	C
	IR-13-00016-SHT-223-B	Inspection for casting concrete (First Stage) for wall of the retaining wall from St.7+218.18 to St.7+227.92 LHS.	08/05/14	08/05/14	08/05/14	0	A
	IR-13-00016-SHT-224-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick - Beit Ummer Network from St.1+750 to St. 0+800	08/04/14	08/05/14	08/05/14	0	A
	IR-13-00016-SHT-225-A	Inspection for steel works for wall of the retaining wall from St.7+243.91 to St. 7+250.58 LHS.	08/05/14	08/05/14	08/05/14	0	A
	IR-13-00016-SHT-226-A	Inspection for steel works for wall of the retaining wall from St.7+204.23 to St. 7+211.23 LHS.	08/06/14	08/06/14	08/07/14	1	A
	IR-13-00016-SHT-227-A	Inspection for safety measures , traffic plan before start excavation & installation 8" , 30" pipeline - Kharas Junction at sta. 9+000 to 9+100	08/07/14	08/07/14	08/07/14	0	C
	IR-13-00016-SHT-227-B	Inspection for safety measures, before start excavation & installation 8" , 30" pipeline - Kharas Junction at sta. 9+000 to 9+100	08/12/14	08/13/14	08/14/14	1	A
	IR-13-00016-SHT-228-A	Inspection for formorks (First Stage) for wall of the retaining wall from St.7+243.91 to St. 7+250.58 LHS.	08/07/14	08/07/14	08/07/14	0	A
	IR-13-00016-SHT-229-A	Inspection for formwork (2nd Stage) for wall of the retaining wall from St.7+218.18 to St.7+227.92 LHS.	08/07/14	08/07/14	08/07/14	0	A
	IR-13-00016-SHT-230-A	Inspection for 8" alignment pipeline at Zaboud Networks from sta. 0+000 to 0+650	08/07/14	08/07/14	08/07/14	0	A
	IR-13-00016-SHT-231-A	Inspection for the insulation works for interior side up to 2m height before start of second coat - Retaining Wall from st.7+390.4 to st.7+420.1	08/07/14	08/07/14	08/07/14	0	A
	IR-13-00016-SHT-232-A	Inspection for casting concrete (2nd Stage) for wall of the retaining wall from St.7+218.18 to St.7+227.92 LHS.	08/07/14	08/07/14	08/07/14	0	A
	IR-13-00016-SHT-233-A	Inspection for casting concrete (First Stage) for wall of the retaining wall from St.7+243.91 to St. 7+250.58 LHS.	08/07/14	08/09/14	08/10/14	1	A
	IR-13-00016-SHT-234-A	Inspection for the field compaction test along Biet Ummer work pipeline from sta. 0+800 to sta. 0+450	08/09/14	08/09/14	08/10/14	1	A
	IR-13-00016-SHT-235-A	Inspection for the preparation works for interior side up to 2m height before start of first coat - Retaining Wall from st.7+299.78 to st.7+363.22	08/09/14	08/09/14	08/10/14	1	A
	IR-13-00016-SHT-236-A	Inspection for the insulation works for interior side up to 2m height before start backfilling - Retaining Wall from st.7+390.4 to st.7+420.1	08/10/14	08/10/14	08/10/14	0	A

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	IR-13-00016-SHT-237-A	Inspection for steel works for retaining wall foundation from St.7+204.23 to Access Road	08/10/14	08/10/14	08/10/14	0	A
	IR-13-00016-SHT-238-A	Inspection for the field compaction test along Al-Aroub Network pipeline from sta. 0+000 to sta. 0+700	08/10/14	08/10/14	08/10/14	0	A
	IR-13-00016-SHT-239-A	Inspection of 30" manufacturing at METCO factory	08/10/14	08/12/14	08/13/14	1	A
	IR-13-00016-SHT-240-A	Inspection for formworks for wall of the retaining wall from (First Stage) St.7+204.23 to St. 7+211.23 LHS.	08/10/14	08/10/14	08/10/14	0	A
	IR-13-00016-SHT-241-A	Inspection for casting concrete for wall of the retaining wall from (First Stage) St.7+204.23 to St. 7+211.23 LHS.	08/10/14	08/10/14	08/10/14	0	A
	IR-13-00016-SHT-242-A	Inspection for casting concrete for retaining wall foundation from St.7+204.23 to Access Road	08/10/14	08/10/14	08/10/14	0	A
	IR-13-00016-SHT-243-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick - Beit Ummer Network from St.0+800 to St. 0+450	08/11/14	08/11/14	08/11/14	0	A
	IR-13-00016-SHT-244-A	Inspection for 8" Beit Ummar Excavation of Manhole for : 8" G.V at Sta.0+010 , 3" W.O.at Sta.0+058.27 , ,3" A.R.V. at Sta.1+080.71 ,6" G.V at Sta.1+251.18.	08/11/14	08/11/14	08/12/14	1	C
	IR-13-00016-SHT-244-B	Inspection for 8" Beit Ummar Excavation of Manhole for : 8" G.V at Sta.0+010 , 3" W.O.at Sta.0+058.27 , ,3" A.R.V. at Sta.1+080.71 ,6" G.V at Sta.1+251.18.	08/19/14	08/19/14	08/19/14	0	A
	IR-13-00016-SHT-245-A	Inspection for the **7th layer** of selected material backfill behind the retaining wall from st.7+093 to st.7+135	08/11/14	08/11/14	08/11/14	0	A
	IR-13-00016-SHT-246-A	Inspection for coordinates of edge of the wall From St. 7+430 to st.7+435 before start excavation.	08/11/14	08/11/14	08/12/14	1	A
	IR-13-00016-SHT-247-A	Inspection for formworks for wall of the retaining wall from (Second Stage) St.7+243.91 to St. 7+250.58 LHS.	08/11/14	08/11/14	08/11/14	0	A
	IR-13-00016-SHT-248-A	Inspection for casting concrete for wall of the retaining wall from (Second Stage) St.7+243.91 to St. 7+250.58 LHS.	08/11/14	08/12/14	08/12/14	0	A
	IR-13-00016-SHT-249-A	Inspection for the field compaction test along Beit Ummer Network pipeline from sta. 0+450 to sta. 0+050	08/12/14	08/13/14	08/13/14	1	A
	IR-13-00016-SHT-250-A	Inspection for the form work to retaining wall for second stage Halhul from St. 7+204.23 to St. 7+211.25	08/13/14	08/13/14	08/13/14	0	A
	IR-13-00016-SHT-251-A	Inspection for Casting Concrete Second Stage for the retaining wall Halhul Al hawawer from St. 7+204.23 to St. 7+ 211.25	08/13/14	08/14/14	08/14/14	1	A
	IR-13-00016-SHT-252-A	Inspection for foundation steel works for retaining wall from St.7+227.84 to 7+237.34	08/14/14	08/14/14	08/14/14	0	A
	IR-13-00016-SHT-253-A	Inspection for Blinding from Sta. 7+432 to Access Road & 7+175.34.60 to 7+179.75	08/16/14	08/16/14	08/16/14	0	A
	IR-13-00016-SHT-254-A	Inspection for steel works for retaining wall from Sta.7+196 to Access Road	08/16/14	08/16/14	08/17/14	1	A
	IR-13-00016-SHT-255-A	Inspection for 4", 6" & 12" lining and coating at METCO.	08/17/14	08/19/14	08/19/14	2	A
	IR-13-00016-SHT-256-A	Inspection for formwork for retaining wall-First Stage -from St.7+227.84 to 7+237.34	08/17/14	08/17/14	08/17/14	0	A
	IR-13-00016-SHT-257-A	Inspection for steel works for the wall base slab of the retaining wall from St.7+176.4 to St.7+180.4 LHS	08/17/14	08/17/14	08/17/14	0	A

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	IR-13-00016-SHT-258-A	Inspection for Casting Concrete for the wall base slab of the retaining wall from St.7+176.4 to St.7+180.4 LHS	08/17/14	08/17/14	08/17/14	0	A
	IR-13-00016-SHT-259-A	Inspection for Casting Concrete for retaining wall-First Stage -from St.7+227.84 to 7+237.34	08/17/14	08/17/14	08/17/14	0	A
	IR-13-00016-SHT-260-A	Inspection for holding RT test by Morex for the fabricated elbows in the storage yard -No of Joints to be tested 11	08/18/14	08/18/14	08/18/14	0	A
	IR-13-00016-SHT-261-A	Inspection for sub grade level for Al-Aroub network from St.0+700 to St.0+950	08/18/14	08/18/14	08/18/14	0	A
	IR-13-00016-SHT-262-A	Inspection for sub grade level for main road from St.0+900 to St.1+100 & from St.0+700 to St.0+780	08/18/14	08/18/14	08/18/14	0	C
	IR-13-00016-SHT-262-B	Inspection for sub grade level for main road from St.0+700 to St.0+900	08/25/14	08/25/14	08/25/14	0	A
	IR-13-00016-SHT-263-A	Inspection for formwork for retaining wall-Second Stage -from St.7+227.84 to 7+237.34.	08/19/14	08/19/14	08/19/14	0	A
	IR-13-00016-SHT-264-A	Inspection for formwork for retaining wall from St.7+193.1 to Access road	08/19/14	08/19/14	08/19/14	0	A
	IR-13-00016-SHT-265-A	Inspection for the insulation works for interior side up to 2m height before start of second coat - Retaining Wall from st.7+299.78 to st.7+363.22	08/19/14	08/19/14	08/20/14	1	C
	IR-13-00016-SHT-265-B	Inspection for the insulation works for interior side up to 2m height before start of second coat - Retaining Wall from st.7+299.78 to st.7+363.22	08/21/14	08/21/14	08/21/14	0	A
	IR-13-00016-SHT-266-A	Inspection for the field compaction test along halhul pipe line 30" work from St.9+027 to St.9+220	08/19/14	08/19/14	08/20/14	1	A
	IR-13-00016-SHT-267-A	Inspection for casting concrete for retaining wall-Second Stage -from St.7+227.84 to 7+237.34.	08/19/14	08/19/14	08/20/14	1	A
	IR-13-00016-SHT-268-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick from St.9+027 to St.9+220	08/20/14	08/20/14	08/21/14	1	A
	IR-13-00016-SHT-269-A	Inspection for base slab steel fixing for 8" G.V chamber at St.0+011 & W.O chamber at St.0+058 - in order to casting concrete	08/20/14	08/20/14	08/21/14	1	A
	IR-13-00016-SHT-270-A	Inspection for steel for retaining wall foundation from St.7+432 to access road.	08/20/14	08/20/14	08/21/14	1	A
	IR-13-00016-SHT-271-A	Inspection for steel for stair at St.7+505	08/20/14	08/20/14	08/21/14	1	A
	IR-13-00016-SHT-272-A	Inspection for steel works for the retaining wall before casting concrete – retaining wall from St.7+218.05 to St.7+211.25	08/20/14	08/20/14	08/21/14	1	A
	IR-13-00016-SHT-273-A	Inspection for casting concrete for stair foundation at St.7+505	08/20/14	08/20/14	08/21/14	1	A
	IR-13-00016-SHT-274-A	Inspection for casting concrete for retaining wall foundation from St.7+432 to access road.	08/20/14	08/20/14	08/21/14	1	A
	IR-13-00016-SHT-275-A	Inspection for casting concrete for base slab 8" G.V chamber at St.0+011 & W.O chamber at St.0+058	08/21/14	08/21/14	08/21/14	0	A
	IR-13-00016-SHT-276-A	Inspection for the insulation works for interior side up to 2m height of second coat before starting backfilling the 1st layer - Retaining Wall from st.7+233 to st.7+363.22	08/21/14	08/21/14	08/21/14	0	A
	IR-13-00016-SHT-277-A	Inspection for the Mill Certificate & Inspection Certificate for 30" steel pipe	08/21/14	08/21/14	08/21/14	0	A
	IR-13-00016-SHT-278-A	Inspection for formwork for the wall of the retaining wall from st.7+211 to st.7+218.01	08/23/14	08/23/14	08/24/14	1	A

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	IR-13-00016-SHT-279-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick from St. 0+450 to St. 0+050- Biet Ummer 8" Pipeline Network	08/23/14	08/23/14	08/23/14	0	A
	IR-13-00016-SHT-280-A	Inspection for Steel Works for the wall of the retaining wall from st.7+211 to st.7+218.01	08/23/14	08/23/14	08/24/14	1	A
	IR-13-00016-SHT-281-A	Inspection for Backfill 3nd layer selected material - Retaining Wall from st.7+450 to st.7+465	08/24/14	08/24/14	08/24/14	0	C
	IR-13-00016-SHT-281-B	Inspection for the 3rd layer of selected material backfill behind the retaining wall from st.7+450 to st.7+465	09/04/14	09/04/14	09/04/14	0	C
	IR-13-00016-SHT-281-C	Inspection for the 3rd layer of selected material backfill behind the retaining wall from st.7+450 to st.7+485	09/15/14	05/15/14	09/15/14	0	A
	IR-13-00016-SHT-282-A	Inspection for Backfill 1ST layer selected material - Retaining Wall from st.7+400 to st.7+410	08/24/14	08/24/14	08/24/14	0	A
	IR-13-00016-SHT-283-A	Inspection for Steel Works for stair at St.7+505	08/24/14	08/24/14	08/24/14	0	A
	IR-13-00016-SHT-284-A	Inspection for Steel Works for the wall of the retaining wall from st.7+175.6 to st.7+179.75	08/24/14	08/24/14	08/24/14	0	A
	IR-13-00016-SHT-285-A	Inspection for preparation & cleaning for walls & foundations before insulation of Nitoproof 230 from interior side up to 2m height from top of foundation Retaining Wall from st.7+270 to st.7+299	08/24/14	08/24/14	08/24/14	0	A
	IR-13-00016-SHT-286-A	Inspection for the insulation works for interior side up to 2m height of second coat before starting backfilling the 1st layer - Retaining Wall from st.7+299 to st.7+333	08/24/14	08/24/14	08/24/14	0	A
	IR-13-00016-SHT-287-A	Inspection for video taping for 30"water pipeline from st.1+166.25 to St.1+586.12.	08/24/14	08/24/14	08/24/14	0	C
	IR-13-00016-SHT-288-A	Inspection for casting concrete for the wall of the retaining wall from st.7+211 to st.7+218.01	08/24/14	08/25/14	08/25/14	1	A
	IR-13-00016-SHT-289-A	Inspection for formwork for the wall of the retaining wall from st.7+175.6 to st.7+179.75	08/25/14	08/25/14	08/25/14	0	A
	IR-13-00016-SHT-290-A	Inspection for casting concrete for the wall of the retaining wall from st.7+175.6 to st.7+179.75	08/25/14	08/25/14	08/25/14	0	A
	IR-13-00016-SHT-291-A	Inspection for the insulation works for interior side up to 2m Height of 1st coat to start 2nd coat - retaining wall from St.7+270 to St.7+299	08/25/14	08/25/14	08/25/14	0	A
	IR-13-00016-SHT-292-A	Inspection for steel works for base slab 8" G.V chamber at St.1+251.81 & A.R.V chamber at St.1+080.71	08/25/14	08/25/14	08/25/14	0	A
	IR-13-00016-SHT-293-A	Inspection for casting concrete for base slab 8" G.V chamber at St.1+251.81 & A.R.V chamber at St.1+080.71	08/25/14	08/25/14	08/25/14	0	A
	IR-13-00016-SHT-294-A	Inspection for the Mill Certificate & Inspection Certificate for 30" steel pipe	08/26/14	08/26/14	08/26/14	0	A
	IR-13-00016-SHT-295-A	Inspection for traffic plan along Shahera network from st.0+000 to st.1+350	08/26/14	08/26/14	08/27/14	1	A
	IR-13-00016-SHT-296-A	Inspection for steel works for wall of retaining wall from sta.7+196 to sta.7+207.1	08/26/14	08/26/14	08/26/14	0	A
	IR-13-00016-SHT-297-A	Inspection for the preparation works for interior side up to 2m height before start of first coat - Retaining Wall from st.7+250 to st.7+218	08/27/14	08/27/14	08/27/14	0	A

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	IR-13-00016-SHT-298-A	Casting concrete for wall of retaining wall from sta.7+218.01 to sta.7+211.25	08/27/14	08/27/14	08/27/14	0	A
	IR-13-00016-SHT-299-A	Inspection for the insulation works for interior side up to 2m Height of 1st coat - retaining wall from St.7+270 to St.7+250	08/27/14	08/27/14	08/28/14	1	A
	IR-13-00016-SHT-300-A	Inspection for 30" alignment pipeline at Biet Ummer network from sta.1+700 to sta.2+000	08/28/14	08/28/14	08/28/14	0	A
	IR-13-00016-SHT-301-A	Inspection for sub grade level for Biet Ummer from sta.4+200 to sta.4+900	08/28/14	08/28/14	08/28/14	0	C
	IR-13-00016-SHT-302-A	Inspection for Steel Works for the wall - From st.7+432 to access road	08/28/14	08/28/14	08/28/14	0	A
	IR-13-00016-SHT-303-A	Inspection for formwork for the wall before casting concrete Retaining Wall from st.7+190 to st.7+201.1	08/30/14	08/30/14	08/30/14	0	A
	IR-13-00016-SHT-304-A	Inspection for 8" alignment pipeline Shahera network from sta.0+400 to sta.0+700	08/30/14	08/30/14	08/30/14	0	A
	IR-13-00016-SHT-305-A	Inspection for 30" alignment main pipeline from sta.8+700 to sta.9+000	08/30/14	08/30/14	08/31/14	1	A
	IR-13-00016-SHT-306-A	Inspection for steel works for the wall of G.V chamber at st.1+251.81.	08/30/14	08/31/14	08/31/14	1	A
	IR-13-00016-SHT-307-A	Inspection for casting concrete for wall of retaining wall from st.7+190 to st.7+201.1	08/30/14	08/30/14	08/30/14	0	A
	IR-13-00016-SHT-308-A	Inspection for formwork works for the wall of G.V chamber at st.1+251.81.	08/31/14	08/31/14	08/31/14	0	A
	IR-13-00016-SHT-309-A	Inspection for casting concrete for the wall of G.V chamber at st.1+251.81.	08/31/14	08/31/14	08/31/14	0	A
	IR-13-00016-SHT-310-A	Inspection for Coordinates for R.O.W at right side for boundary wall to start excavation for foundation of boundary wall from sta.6+970 to sta.7+035.	09/01/14	09/01/14	09/01/14	0	A
	IR-13-00016-SHT-311-A	Inspection for steel fixing for slab of G.V chamber at sta.1+251.81	09/01/14	09/02/14	09/02/14	1	A
	IR-13-00016-SHT-312-A	Inspection for steel works for the wall of A.R.V chamber at sta.1+080.71	09/01/14	09/02/14	09/02/14	1	A
	IR-13-00016-SHT-313-A	Inspection for video taping for 30"water pipeline from sta.9+234.40 to sta.9+331.91 & from 1+598.31 to sta1+793.69.	09/02/14	09/02/14	09/02/14	0	C
	IR-13-00016-SHT-314-A	Inspection for then 2nd coat insulation works for interior side up to 2m height before start backfilling - Retaining Wall from st.7+250 to st.7+270	09/02/14	09/02/14	09/02/14	0	A
	IR-13-00016-SHT-315-A	Inspection for the 1st coat insulation works for interior side up to 2m height before start 2nd coat insulation - Retaining Wall from st.7+250 to st.7+218	09/02/14	09/02/14	09/02/14	0	A
	IR-13-00016-SHT-316-A	Inspection for casting concrete for roof slab of G.V chamber at sta.1+251.81	09/02/14	09/02/14	09/02/14	0	A
	IR-13-00016-SHT-317-A	Inspection for casting concrete for the wall of A.R.V chamber at sta.1+080.71	09/02/14	09/02/14	09/02/14	0	A
	IR-13-00016-SHT-318-A	Inspection for steel works for the wall of G.V chamber at st.0+010 & W.O at sta.0+058.	09/03/14	09/03/14	09/03/14	0	A
	IR-13-00016-SHT-319-A	Inspection for formwork works for the wall of retaining wall from sta.7+432 to access road.	09/03/14	09/03/14	09/03/14	0	A
	IR-13-00016-SHT-320-A	Inspection for preparation works for the foundaion,wall & roof slab of 6" G.Vchamber before start first coat at sta. 1+251.71.	09/03/14	09/03/14	09/03/14	0	A
	IR-13-00016-SHT-321-A	Inspection for the 1st coat insulation works for the foundation, wall & roof slab of 6" G.Vchamber before start 2nd coat at sta.1+251.71	09/03/14	09/03/14	09/03/14	0	A
	IR-13-00016-SHT-322-A	Inspection for the 2nd coat insulation works for the foundation, wall & roof slab of 6 G.V chamber before start Backfilling at sta.1+251.71	09/03/14	09/03/14	09/03/14	0	A
	IR-13-00016-SHT-323-A	Inspection for casting concrete for roof slab of A.R.V chamber at sta.1+080.71	09/03/14	09/03/14	09/03/14	0	A

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	IR-13-00016-SHT-324-A	Inspection for casting concrete for the wall of W.O chamber at sta.0+058	09/03/14	09/03/14	09/03/14	0	A
	IR-13-00016-SHT-325-A	Inspection for casting concrete for the wall of retaining wall from sta.7+432 to access road.	09/04/14	09/04/14	09/04/14	0	A
	IR-13-00016-SHT-326-A	Inspection for the 1st layer of selected material backfill behind the retaining wall from st.7+270 to st.7+315	09/04/14	09/04/14	09/04/14	0	C
	IR-13-00016-SHT-326-B	Inspection for the 1st layer of selected material backfill behind the retaining wall from st.7+270 to st.7+315	09/07/14	09/07/14	09/07/14	0	A
	IR-13-00016-SHT-327-A	Inspection for the 2nd layer of selected material backfill behind the retaining wall from st.7+400 to st.7+420	09/04/14	09/04/14	09/04/14	0	C
	IR-13-00016-SHT-327-B	Inspection for the 2nd layer of selected material backfill behind the retaining wall from st.7+400 to st.7+420	09/09/14	09/09/14	09/09/14	0	A
	IR-13-00016-SHT-328-A	Inspection for the 2nd coat insulation works for interior side up to 2m height before start backfilling - Retaining Wall from st.7+250 to st.7+218	09/06/14	09/06/14	09/06/14	0	A
	IR-13-00016-SHT-329-A	Inspection for sub grade level for Biet Ummer network from sta.0+160 to sta.0+700	09/06/14	09/06/14	09/06/14	0	A
	IR-13-00016-SHT-330-A	Inspection for video taping for 30”water pipeline from J-1-88 to J-1-99	09/07/14	09/07/14	09/07/14	0	A
	IR-13-00016-SHT-331-A	Inspection for steel works for roof slab of 3" W.O chamber at sta.0+058	09/07/14	09/07/14	09/07/14	0	A
	IR-13-00016-SHT-332-A	Inspection for formwork for wall of 8" G.V chamber before casting concrete at sta.0+010	09/07/14	09/07/14	09/07/14	0	A
	IR-13-00016-SHT-333-A	Inspection for casting concrete for roof slab of 3" W.O chamber at sta.0+058	09/07/14	09/07/14	09/07/14	0	A
	IR-13-00016-SHT-334-A	Inspection for casting concrete for wall of 8" G.V chamber at sta.0+010	09/07/14	09/07/14	09/07/14	0	A
	IR-13-00016-SHT-335-A	Inspection for excavation for the boundary wall to reduce level from sta.6+970 to sta.7+035	09/08/14	09/08/14	09/09/14	1	A
	IR-13-00016-SHT-336-A	Inspection for steel works for roof slab of 8" G.V chamber at sta.0+010	09/09/14	09/09/14	09/09/14	0	A
	IR-13-00016-SHT-337-A	Inspection for the 2nd layer of selected material backfill behind the retaining wall from st.7+465 to st.7+485	09/09/14	10/09/14	09/10/14	1	A
	IR-13-00016-SHT-338-A	Inspection for the 2nd layer of selected material backfill behind the retaining wall from st.7+270 to st.7+315	09/09/14	10/09/14	09/10/14	1	A
	IR-13-00016-SHT-339-A	Inspection for the 1st layer of selected material backfill behind the retaining wall from st.7+270 to st.7+220	09/09/14	10/09/14	09/10/14	1	A
	IR-13-00016-SHT-340-A	Inspection for preparation works for the foundation,wall & roof slab of 3" A.R.V chamber before start first coat at sta. 1+0+80.71.	09/09/14	09/09/14	09/10/14	1	A
	IR-13-00016-SHT-341-A	Inspection for the 1st coat insulation works for the foundation, wall & roof slab of 3" A.R.V chamber before start 2nd coat at sta.1+080.71	09/09/14	09/09/14	09/10/14	1	A
	IR-13-00016-SHT-342-A	Inspection for casting blinding concrete for boundary wall from sta.6+970 to sta.7+035	09/09/14	09/09/14	09/10/14	1	A
	IR-13-00016-SHT-343-A	Inspection for the 2st coat insulation works for the foundation, wall & roof slab of 3" A.R.V chamber before start backfill at sta.1+080.71	09/10/14	09/10/14	09/10/14	0	A
	IR-13-00016-SHT-344-A	Inspection for casting concrete for roof slab of 8" G.V chamber at sta.0+010	09/10/14	09/10/14	09/10/14	0	A

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	IR-13-00016-SHT-345-A	Inspection for the field compaction test along Zaboud pipeline from St. 0+000 to St. 1+110	09/11/14	09/11/14	09/11/14	0	A
	IR-13-00016-SHT-346-A	Inspection for formworks for stair at sta.7+505	09/11/14	09/11/14	09/11/14	0	A
	IR-13-00016-SHT-347-A	Inspection for casting concrete for stair at sta.7+505	09/11/14	09/11/14	09/11/14	0	A
	IR-13-00016-SHT-348-A	Inspection for the preparation works for interior side up to 2m height before start of first coat - Retaining Wall from st.7+185 to st.7+218	09/11/14	09/11/14	09/11/14	0	A
	IR-13-00016-SHT-349-A	Inspection for the 1st coat insulation works interior side up to 2m height before start of second coat - Retaining wall from sta.7+185 to sta.7+218	09/11/14	09/11/14	09/11/14	0	A
	IR-13-00016-SHT-350-A	Resuming the works -Traffic plan & safety measures from sta.8+270 to sta.9+070	09/13/14	09/13/14	09/13/14	0	C
	IR-13-00016-SHT-350-B	Resuming the works -Traffic plan & safety measures from sta.8+270 to sta.9+070	09/14/14	09/14/14	09/15/14	1	B
	IR-13-00016-SHT-351-A	Inspection for the 2nd coat insulation works interior side up to 2m height before start of backfill - Retaining wall from sta.7+185 to sta.7+218	09/14/14	09/14/14	09/14/14	0	A
	IR-13-00016-SHT-352-A	Inspection for excavation for the retaining wall to reduce level - retaining wall from sta.7+180 to access road	09/14/14	09/14/14	09/14/14	0	A
	IR-13-00016-SHT-353-A	Inspection for the preparation works for interior side up to 2m height before start of first coat - Retaining Wall from st.7+250 to st.7+310	09/14/14	09/14/14	09/14/14	0	A
	IR-13-00016-SHT-354-A	Inspection for sub grade level from sta.1+100 to sta.1+500	09/14/14	09/14/14	09/14/14	0	A
	IR-13-00016-SHT-355-A	Inspection for the Mill Certificate & Inspection Certificate for 4" steel pipe	11/23/14	11/23/14	11/23/14	0	C
	IR-13-00016-SHT-356-A	Resuming the works - Traffic Plan & safety measures for Shahira 8" network	09/14/14	09/14/14	09/15/14	1	B
	IR-13-00016-SHT-357-A	Inspection for topping layer from sta.0+160 to sta.0+700	09/14/14	09/14/14	09/15/14	1	C
	IR-13-00016-SHT-358-A	Inspection for spraying MC and applying first layer of asphalt wearing course 5 cm thick from St. 0+000 to St. 0+500- Zaboud 8" Pipeline	09/14/14	09/14/14	09/14/14	0	A
	IR-13-00016-SHT-359-A	Inspection for the 3rd layer of selected material backfill behind the retaining wall from st.7+400 to st.7+420	09/15/14	09/15/14	09/15/14	0	A
	IR-13-00016-SHT-360-A	Inspection for the 2nd layer of selected material backfill behind the retaining wall from st.7+270 to st.7+220	09/15/14	09/15/14	09/15/14	0	A
	IR-13-00016-SHT-361-A	Inspection for the 3rd layer of selected material backfill behind the retaining wall from st.7+270 to st.7+315	09/15/14	09/15/14	09/15/14	0	A
	IR-13-00016-SHT-362-A	Inspection for sub grade level from sta.1+500 to sta.1+800	09/15/14	09/15/14	09/15/14	0	A
	IR-13-00016-SHT-363-A	Inspection for casting blinding concrete from sta.7+180 to access road	09/15/14	09/15/14	09/15/14	0	A
	IR-13-00016-SHT-364-A	Inspection for steel works for boundary wall foundation from sta.6+970 to sta.7+035	09/16/14	09/16/14	09/16/14	0	A
	IR-13-00016-SHT-365-A	Inspection for formwork & steel works for parapet wall of stair at sta.7+505	09/16/14	09/16/14	09/16/14	0	A
	IR-13-00016-SHT-366-A	Inspection for the 1st layer of selected material backfill behind the retaining wall from st.7+210 to st.7+220	09/17/14	09/17/14	09/17/14	0	C
	IR-13-00016-SHT-366-B	Inspection for the 1st layer of selected material backfill behind the retaining wall from st.7+210 to st.7+220	09/27/14	09/27/14	09/27/14	0	A
	IR-13-00016-SHT-367-A	Inspection for the 3rd layer of selected material backfill behind the retaining wall from st.7+270 to st.7+220	09/17/14	09/17/14	09/17/14	0	A

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	IR-13-00016-SHT-368-A	Inspection for the 4th layer of selected material backfill behind the retaining wall from st.7+400 to st.7+420	09/17/14	09/17/14	09/17/14	0	A
	IR-13-00016-SHT-369-A	Inspection for the 4th layer of selected material backfill behind the retaining wall from st.7+450 to st.7+485	09/17/14	09/17/14	09/17/14	0	A
	IR-13-00016-SHT-370-A	Inspection for safety measures for Shahera 8" network to start excavation & installation 8" pipeline from sta.0+400 to sta.1+240	09/17/14	09/17/14	09/17/14	0	C
	IR-13-00016-SHT-370-B	Inspection for safety measures for Shahera 8" network to start excavation & installation 8" pipeline from sta.0+400 to sta.1+240	09/18/14	09/18/14	09/18/14	0	A
	IR-13-00016-SHT-371-A	Inspection for casting concrete for boundary wall foundation from sta.6+970 to sta.7+035	09/17/14	09/17/14	09/17/14	0	A
	IR-13-00016-SHT-372-A	Inspection for casting concrete for parapet wall of stair at sta.7+505	09/17/14	09/17/14	09/17/14	0	A
	IR-13-00016-SHT-373-A	Inspection for steel works for retaining wall foundation from sta.7+180 to access road	09/21/14	09/21/14	09/21/14	0	A
	IR-13-00016-SHT-374-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick from St. 8+950 to St. 9+027- Halhul site 30" main pipeline	09/21/14	09/21/14	09/21/14	0	C
	IR-13-00016-SHT-375-A	Inspection for steel works for boundary wall from Sta.7+036 to sta.7+023 LHS	09/21/14	09/21/14	09/21/14	0	A
	IR-13-00016-SHT-376-A	Inspection for location & safety of Kharas junction Chamber at Sta.9+028	09/21/14	09/21/14	09/21/14	0	A
	IR-13-00016-SHT-377-A	Inspection for topping layer (20 cm thick) from sta.0+700 to 1+200.	09/21/14	09/22/14	09/22/14	1	C
	IR-13-00016-SHT-378-A	Inspection for casting concrete for retaining wall foundation from sta.7+180 to access road	09/22/14	09/22/14	09/22/14	0	A
	IR-13-00016-SHT-379-A	Inspection for the 5th layer of selected material backfill behind the retaining wall from st.7+450 to st.7+485	09/22/14	09/23/14	09/23/14	1	A
	IR-13-00016-SHT-380-A	Inspection for the 5th layer of selected material backfill behind the retaining wall from st.7+400 to st.7+420	09/22/14	09/23/14	09/23/14	1	A
	IR-13-00016-SHT-381-A	Closeout of July 2014 Environmental Checklist.	09/23/14	09/23/14	09/24/14	1	C
	IR-13-00016-SHT-381-B	Closeout of July 2014 Environmental Checklist.	01/13/15	01/13/15	01/13/15	0	A
	IR-13-00016-SHT-382-A	Inspection for the field compaction test along Halhul work 30" main pipeline from St. 8+950 to St. 8+720	09/23/14	09/23/14	09/23/14	0	C
	IR-13-00016-SHT-382-B	Inspection for the field compaction test along Halhul work 30" main pipeline from St. 8+850 to St. 8+720	09/24/14	09/24/14	09/24/14	0	A
	IR-13-00016-SHT-383-A	Inspection for base course layer from sta.1+200 to sta.1+800	09/23/14	09/23/14	09/24/14	1	C
	IR-13-00016-SHT-384-A	Inspection for sub grade level & compaction from sta.1+800 to sta.2+060	09/23/14	09/23/14	09/23/14	0	A
	IR-13-00016-SHT-385-A	Inspection for excavation work of Kharas junction Chamber at sta.9+028	09/23/14	09/23/14	09/23/14	0	A
	IR-13-00016-SHT-386-A	Inspection for 30" alignment main pipeline from sta.4+250 to 4+300	09/24/14	09/24/14	09/24/14	0	A
	IR-13-00016-SHT-387-A	Inspection for the 4th layer of selected material backfill behind the retaining wall from st.7+220 to st.7+310	09/24/14	09/24/14	09/24/14	0	A
	IR-13-00016-SHT-388-A	Inspection for formwork works for boundary wall from Sta.7+036 to sta.7+023 LHS	09/24/14	09/24/14	09/24/14	0	A
	IR-13-00016-SHT-389-A	Inspection for casting concrete for boundary wall from Sta.7+036 to sta.7+023 LHS	09/24/14	09/24/14	09/24/14	0	A
	IR-13-00016-SHT-390-A	Inspection for steel works for boundary wall from Sta.7+015 to sta.7+007 LHS	09/24/14	09/24/14	09/24/14	0	A

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	IR-13-00016-SHT-391-A	Inspection for formwork works for boundary wall from Sta.7+015 to sta.7+007 LHS	09/24/14	09/24/14	09/24/14	0	A
	IR-13-00016-SHT-392-A	Inspection for casting concrete for boundary wall from Sta.7+015 to sta.7+007 LHS	09/24/14	09/24/14	09/24/14	0	A
	IR-13-00016-SHT-393-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick from sta.8+720 to sta.8+950 - Halhul site 30" main pipeline	09/24/14	09/24/14	09/24/14	0	A
	IR-13-00016-SHT-394-A	Inspection for steel works for wall & foundation chamber - Kharas junction at Sta.9+028	09/25/14	09/27/14	09/27/14	2	A
	IR-13-00016-SHT-395-A	Inspection for casting concrete for foundation chamber- Kharas junction at Sta.9+028	09/25/14	09/27/14	09/27/14	2	A
	IR-13-00016-SHT-396-A	Inspection for compaction test for the base course layer above the trench along 30" main pipeline - Halhul site from sta.8+720 to sta.8+580	09/27/14	09/27/14	09/27/14	0	A
	IR-13-00016-SHT-397-A	Inspection for the 1st layer of selected material backfill behind the retaining wall from st.7+185 to st.7+220	09/27/14	09/27/14	09/27/14	0	A
	IR-13-00016-SHT-398-A	Inspection for the 5th layer of selected material backfill behind the retaining wall from sta.7+220 to sta.7+315.	09/27/14	09/27/14	09/27/14	0	A
	IR-13-00016-SHT-399-A	Inspection for spraying MC And applying first layer of Asphalt course 5 cm thick from sta.8+720 to sta.8+580- Halhul site 30" main pipeline	09/28/14	09/28/14	09/28/14	0	A
	IR-13-00016-SHT-400-A	Inspection for steel work for boundary wall from sta.6+984 to sta.6+990 RHS	09/28/14	09/28/14	09/28/14	0	A
	IR-13-00016-SHT-401-A	Inspection for steel work for retaining wall from sta.7+180 to access road	09/28/14	09/28/14	09/28/14	0	A
	IR-13-00016-SHT-402-A	Inspection for sub grade level & compaction from sta.2+140 to sta.2+340.	09/29/14	09/29/14	09/29/14	0	A
	IR-13-00016-SHT-403-A	Inspection for preparation & 1st coat insulation for outer side before start 2nd coat - retaining wall foundation from sta.7+365 to access road at sta.7+196	09/30/14	09/30/14	09/30/14	0	A
	IR-13-00016-SHT-404-A	Inspection for compaction test for the base course layer above the trench along 30" main pipeline - halhul site from sta.8+580 to sta.8+515 & from sta.8+450 to sta.8+350.	09/30/14	09/30/14	09/30/14	0	A
	IR-13-00016-SHT-405-A	Inspection for formwork for the wall of chamber- Kharas junction at Sta.9+028	09/30/14	09/30/14	09/30/14	0	A
	IR-13-00016-SHT-406-A	Inspection for casting concrete for the wall of chamber- Kharas junction at Sta.9+028	09/30/14	09/30/14	09/30/14	0	A
	IR-13-00016-SHT-407-A	Inspection for spraying MC And applying first layer of Asphalt course 5 cm thick - halhul site from sta.8+580 to sta.8+515 & from sta.8+450 to sta.8+350.	09/30/14	09/30/14	09/30/14	0	A
	IR-13-00016-SHT-408-A	Inspection for the 2nd layer of selected material backfill behind the retaining wall from st.7+185 to st.7+220	10/01/14	10/01/14	10/01/14	0	A
	IR-13-00016-SHT-409-A	Inspection for the 6th layer of selected material backfill behind the retaining wall from sta.7+220 to sta.7+315.	10/01/14	10/01/14	10/01/14	0	A
	IR-13-00016-SHT-410-A	Inspection for the 1st layer of selected material backfill behind the retaining wall from sta.7+485 to sta.7+505.	10/01/14	10/01/14	10/01/14	0	A
	IR-13-00016-SHT-411-A	Inspection for formwork for boundary wall from sta. 6+984 to sta.6+990 RHS	10/01/14	10/01/14	10/01/14	0	A
	IR-13-00016-SHT-412-A	Inspection for formwork for retaining wall from sta.7+180 to access road	10/01/14	10/01/14	10/01/14	0	A
	IR-13-00016-SHT-413-A	Casting concrete for wall of retaining wall from sta.7+180 to access road	10/01/14	10/01/14	10/01/14	0	A
	IR-13-00016-SHT-414-A	Inspection for 2nd coat insulation for outer side before start Backfill - retaining wall foundation from sta.7+365 to access road at sta.7+196	10/02/14	10/02/14	10/02/14	0	A
	IR-13-00016-SHT-415-A	Inspection for steel fixing for slab of chamber- Kharas junction at sta.9+028	10/02/14	10/02/14	10/02/14	0	A

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	IR-13-00016-SHT-416-A	Inspection for compaction test for base course layer above the trench along 8" shahera pipeline from sta.0+385 to sta.0+900.	10/02/14	10/02/14	10/02/14	0	A
	IR-13-00016-SHT-417-A	Inspection for spraying MC And applying first layer of Asphalt course 5 cm thick - Shahera pipeline from sta.0+385 to sta.0+900.	10/02/14	10/02/14	10/02/14	0	A
	IR-13-00016-SHT-418-A	Inspection for steel works for boundary wall from sta. 7+000 to sta.7+008 RHS	10/09/14	10/09/14	10/09/14	0	A
	IR-13-00016-SHT-419-A	Inspection for formwork for boundary wall from sta.7+000 to 7+008 RHS	10/09/14	10/09/14	10/09/14	0	A
	IR-13-00016-SHT-420-A	Inspection for casting concrete for boundary wall from sta. 6+984 to sta.6+990 & from sta.7+000 to sta.7+008 RHS	10/14/14	10/14/14	10/14/14	0	A
	IR-13-00016-SHT-421-A	Inspection for sub grade level & compaction from sta.2+060 to 2+140	10/09/14	10/09/14	10/09/14	0	A
	IR-13-00016-SHT-422-A	Inspection for the 3rd layer of selected material backfill behind the retaining wall from st.7+185 to st.7+220	10/09/14	10/09/14	10/09/14	0	A
	IR-13-00016-SHT-423-A	Inspection for the 2nd layer of selected material backfill behind the retaining wall from sta.7+485 to sta.7+505.	10/09/14	10/09/14	10/09/14	0	A
	IR-13-00016-SHT-424-A	Inspection for steel works for boundary wall from sta.6+984 to sta.6+972 RHS	10/12/14	10/12/14	10/12/14	0	A
	IR-13-00016-SHT-425-A	Inspection for preparation & 1st coat insulation for foundation, walls & roof slab of Kharas junction chamber before start 2nd coat at sta.9+028.	10/12/14	10/12/14	10/12/14	0	A
	IR-13-00016-SHT-426-A	Inspection for sub grade level & compaction from sta.2+340 to sta.2+600	10/12/14	10/12/14	10/13/14	1	A
	IR-13-00016-SHT-427-A	Inspection for 2nd coat insulation works for foundation, walls & roof slab of Kharas junction before backfill at sta.9+028.	10/12/14	10/12/14	10/12/14	0	C
	IR-13-00016-SHT-428-A	Inspection for 8" alignment pipeline at Alnabi Younis network from sta.0+150 to sta.0+300	10/13/14	10/13/14	10/13/14	0	C
	IR-13-00016-SHT-429-A	Inspection for the 3nd layer of selected material backfill behind the retaining wall from sta.7+485 to sta.7+505.	10/13/14	10/13/14	10/13/14	0	A
	IR-13-00016-SHT-430-A	Inspection for the 7th layer of selected material backfill behind the retaining wall from sta.7+220 to sta.7+315.	10/13/14	10/13/14	10/13/14	0	A
	IR-13-00016-SHT-431-A	Inspection for the 4th layer of selected material backfill behind the retaining wall from st.7+185 to st.7+220	10/13/14	10/13/14	10/13/14	0	A
	IR-13-00016-SHT-432-A	Inspection for formworks for boundary wall from sta.6+984 to sta.6+972 RHS	10/13/14	10/14/14	10/14/14	1	A
	IR-13-00016-SHT-433-A	Inspection for field compaction test for base course layer above the trench along 8" pipeline from Sta.0+900 to 1+350	10/13/14	10/13/14	10/13/14	0	A
	IR-13-00016-SHT-434-A	Inspection for casting concrete for boundary wall from sta.6+984 to sta.6+972 RHS	10/14/14	10/14/14	10/14/14	0	A
	IR-13-00016-SHT-435-A	Inspection for traffic plan & safety measure from Sta.2+780 to Sta.3+900	10/15/14	10/15/14	10/15/14	0	A
	IR-13-00016-SHT-436-A	Inspection for 30" alignment pipeline at Biet Ummer main pipeline from sta.2+780 to sta.3+100	10/15/14	10/15/14	10/15/14	0	A
	IR-13-00016-SHT-437-A	Inspection for holding RT test by Morex for the fabricated elbows in the storage yard -No of Joints to be tested 20	10/15/14	10/15/14	10/15/14	0	A
	IR-13-00016-SHT-438-A	Inspection for the precast chamber at Aladasi factory	10/15/14	10/18/14	10/19/14	4	A
	IR-13-00016-SHT-439-B	Inspection for coordinates of edge of the wall from sta.4+345 to sta.4+365 RHS	10/25/2014	10/25/2014	10/25/2014	0	A

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	IR-13-00016-SHT-440-A	Inspection for the 8th layer of selected material backfill behind the retaining wall from sta.7+220 to sta.7+295.	10/16/14	10/16/14	10/16/14	0	A
	IR-13-00016-SHT-441-A	Inspection for the 4th layer of selected material backfill behind the retaining wall from sta.7+485 to sta.7+505.	10/16/14	10/16/14	10/16/14	0	A
	IR-13-00016-SHT-442-A	Inspection for sub grade level & compaction from sta.2+600 to 2+660	10/20/14	10/20/14	10/21/14	1	A
	IR-13-00016-SHT-443-A	Inspection for base course level & compaction from sta.1+800 to sta.2+300	10/20/14	10/20/14	10/21/14	1	C
	IR-13-00016-SHT-443-B	Inspection for base course level from sta.1+800 to sta.2+300.	10/26/14	10/26/14	10/26/14	0	B
	IR-13-00016-SHT-444-A	Inspection for sub grade level & compaction from sta.4+290 to sta.4+500	10/20/14	10/20/14	10/21/14	1	C
	IR-13-00016-SHT-444-B	Inspection for sub grade level & compaction from sta.4+290 to sta.4+420	10/25/14	10/25/14	10/25/14	0	A
	IR-13-00016-SHT-445-A	Inspection for 6" Alaroub network location of manhole for W.O at sta.0+544.58	10/20/14	10/21/14	10/21/14	1	C
	IR-13-00016-SHT-445-B	Inspection for 6" Alaroub network location of manhole for W.O at sta.0+544.58	11/06/14	11/06/14	11/06/14	0	A
	IR-13-00016-SHT-446-A	Inspection for base course level & compaction from sta.2+300 to sta.2+600	10/21/14	10/21/14	10/21/14	0	C
	IR-13-00016-SHT-446-A	Inspection for base course level from sta.2+300 to sta.2+600.	10/26/14	10/26/14	10/26/14	0	B
	IR-13-00016-SHT-447-A	Mill certificate for 30" pipeline	10/22/14	10/22/14	10/22/14	0	A
	IR-13-00016-SHT-448-A	Inspection for spraying MC And applying first layer of Asphalt course 5 cm thick - Shahera pipeline from sta.0+900 to sta.1+314.	10/23/14	10/23/14	10/23/14	0	A
	IR-13-00016-SHT-449-A	Inspection for the 8th layer of selected material backfill behind the retaining wall from sta.7+295 to sta.7+315.	10/23/14	10/23/14	10/23/14	0	A
	IR-13-00016-SHT-450-A	Inspection for excavation for foundation of chamber at sta.1+280 ready for casting blinding concrete	10/23/14	10/23/14	10/23/14	0	A
	IR-13-00016-SHT-451-A	Inspection for the 6th layer of selected material backfill behind the retaining wall from sta.7+450 to sta.7+485.	10/23/14	10/23/14	10/23/14	0	A
	IR-13-00016-SHT-452-A	Inspection for the 5th layer of selected material backfill behind the retaining wall from sta.7+485 to sta.7+505.	10/23/14	10/23/14	10/23/14	0	A
	IR-13-00016-SHT-453-A	Inspection for the 5th layer of selected material backfill behind the retaining wall from sta.7+185 to sta.7+220.	10/23/14	10/23/14	10/23/14	0	A
	IR-13-00016-SHT-454-A	Inspection for the 9th layer of selected material backfill behind the retaining wall from sta.7+220 to sta.7+295.	10/23/14	10/23/14	10/23/14	0	A
	IR-13-00016-SHT-455-A	Inspection for the 10th layer of selected material backfill behind the retaining wall from sta.7+220 to sta.7+295.	10/23/14	10/23/14	10/23/14	0	A
	IR-13-00016-SHT-456-A	Inspection for the 6th layer of selected material backfill behind the retaining wall from sta.7+185 to sta.7+220.	10/23/14	10/23/14	10/23/14	0	A
	IR-13-00016-SHT-457-A	Inspection for casting blinding concrete for chamber at sta.1+280	10/25/14	10/25/14	10/25/14	0	A
	IR-13-00016-SHT-458-A	Inspection for 30" Beit Ummar Location of Manhole for : 30" A.R.V at Sta.0+743 , 30" A.R.V at Sta.1+942 & 30" W.O at Sta.0+620.	10/26/14	10/26/14	10/26/14	0	A
	IR-13-00016-SHT-459-A	Inspection for Traffic plan & safety measure from Sta.3+100 to Sta.3+400	10/27/14	10/27/14	10/28/14	1	A
	IR-13-00016-SHT-460-A	Inspection for 30" alignment pipeline at Biet Ummer main pipeline from Sta.3+100 to Sta.3+400	10/27/14	10/27/14	10/27/14	0	A

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Inspection Request			TRACKING DATES				Approval Status
Spec. No.	Inspection Request #	Description	Submitted on (M/D/Y)	Inspection Date	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	IR-13-00016-SHT-461-A	Inspection for the 6th layer of selected material backfill behind the retaining wall from st.7+400 to st.7+420	10/28/14	10/28/14	10/28/14	0	A
	IR-13-00016-SHT-462-A	Inspection for the 9th layer of selected material backfill behind the retaining wall from sta.7+295 to sta.7+315.	10/28/14	10/28/14	10/28/14	0	A
	IR-13-00016-SHT-463-A	Inspection for the 7th layer of selected material backfill behind the retaining wall from st.7+400 to st.7+420	10/28/14	10/28/14	10/28/14	0	A
	IR-13-00016-SHT-464-A	Inspection for the 7th layer of selected material backfill behind the retaining wall from sta.7+450 to sta.7+485.	10/28/14	10/28/14	10/28/14	0	A
	IR-13-00016-SHT-465-A	Inspection for the 6th layer of selected material backfill behind the retaining wall from sta.7+485 to sta.7+505.	10/28/14	10/28/14	10/28/14	0	A
	IR-13-00016-SHT-466-A	Inspection for excavation for retaining wall foundation before casting blinding concrete from sta.4+345 to sta.4+365.	10/29/14	10/29/14	10/29/14	0	A
	IR-13-00016-SHT-467-A	Inspection for sug grade level & compaction from sta.4+460 to sta.4+620	10/30/14	10/30/14	10/30/14	0	A
	IR-13-00016-SHT-468-A	Inspection for steel works for foundation of chamber at sta.1+280.	10/30/14	10/30/14	10/30/14	0	C
	IR-13-00016-SHT-468-B	Inspection for steel works for foundation of chamber at sta.1+280.	11/01/14	11/01/14	11/01/14	0	A
	IR-13-00016-SHT-469-A	Inspection for casting concrete for foundation of chamber at sta.1+280.	11/01/14	11/01/14	11/01/14	0	A
	IR-13-00016-SHT-470-A	Inspection for casting blinding concrete- Retaining wall from sta.4+345 to sta.4+365	11/01/14	11/01/14	11/01/14	0	A
	IR-13-00016-SHT-471-A	Inspection for safety measures for A.R.V chambers, before start excavation - A.R.V at sta.0+743 & A.R.V at sta.1+942.	11/02/14	11/02/14	11/02/14	0	C
	IR-13-00016-SHT-471-B	Inspection for safety measures for A.R.V chambers, before start excavation - A.R.V at sta.0+743 & A.R.V at sta.1+942.	11/05/14	11/05/14	11/05/14	0	A
	IR-13-00016-SHT-472-A	Inspection for excavation for A.R.V chambers: A.R.V at sta.0+743 & A.R.V at sta.1+942.	11/05/14	11/05/14	11/05/14	0	A
	IR-13-00016-SHT-473-A	Inspection for steel works for Retaining wall foundation from sta.4+345 to sta.4+365 RHS	11/05/14	11/05/14	11/05/14	0	A
	IR-13-00016-SHT-474-A	Casting for precast concrete chambers at Aladasi Factory in Ramallah.	11/05/14	11/06/14	11/06/14	1	A
	IR-13-00016-SHT-475-A	Inspection for casting concrete for Retaining wall foundation from sta.4+345 to sta.4+365 RHS	11/05/14	11/05/14	11/05/14	0	A
	IR-13-00016-SHT-476-A	Inspection for casting concrete for A.R.V chamber at sta.1+942.	11/06/14	11/06/14	11/06/14	0	A
	IR-13-00016-SHT-477-A	Inspection for Location of Manhole for : W.O at sta.1+555.16 & W.O at sta.2+230	11/06/14	11/06/14	11/06/14	0	A
	IR-13-00016-SHT-478-A	Inspection for insulation works 1st layer for precast manholes: W.O at sta.0+620 & W.O at sta. 1+555.16.	11/06/14	11/06/14	11/06/14	0	A
	IR-13-00016-SHT-479-A	Inspection for steel works for walls of chamber at sta.1+280	11/8/2014	11/8/2014	11/8/2014	0	A
	IR-13-00016-SHT-480-A	Inspection for location of main connection chamber at sta.0+020	11/06/14	11/06/14	11/06/14	0	A
	IR-13-00016-SHT-481-A	Inspection for steel works for walls of chamber at sta.1+942.	11/16/14	11/16/14	11/16/14	0	A
	IR-13-00016-SHT-482-A	Inspection for safety measures for main connection chamber, before start excavation - at sta.0+020	11/09/14	11/09/14	11/09/14	0	C

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	IR-13-00016-SHT-482-B	Inspection for safety measures for main connection chamber, before start excavation - at sta.0+020	11/10/14	11/10/14	11/10/14	0	A
	IR-13-00016-SHT-483-A	Inspection for sub grade level and compaction from sta.5+640 to sta.5+820.	11/09/14	11/09/14	11/10/14	1	A
	IR-13-00016-SHT-484-A	Inspection for 30'' pipe manufacturing process and review (Check testing) - METCO Factory	11/10/14	11/10/14	11/10/14	0	A
	IR-13-00016-SHT-485-A	Inspection for excavation works for W.O Chambers: W.O at sta. 0+620 & W.O at sta.1+555.16	11/10/14	11/10/14	11/10/14	0	A
	IR-13-00016-SHT-486-A	Inspection for field compaction test for base course layer above the trench along 8" pipeline from sta.0+134 to sta.0+621.	11/11/14	11/11/14	11/11/14	0	A
	IR-13-00016-SHT-487-A	Inspection for excavation for main connection chamber at sta.0+020.	11/10/14	11/10/14	11/10/14	0	A
	IR-13-00016-SHT-488-A	Inspection for steel works for wall of retaining wall from sta.4+345 to sta.4+365 RHS.	11/11/14	11/11/14	11/11/14	0	A
	IR-13-00016-SHT-489-A	Inspection for location of manhole for A.R.V 6" at sta.2+778.97	11/11/14	11/11/14	11/11/14	0	A
	IR-13-00016-SHT-490-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick from sta.0+134 to sta.0+621.	11/12/14	11/12/14	11/12/14	0	A
	IR-13-00016-SHT-491-A	Inspection for excavation for A.R.V chamber at sta.0+743	11/12/14	11/12/14	11/12/14	0	A
	IR-13-00016-SHT-492-A	Inspection for field compaction test for base course layer above the trench along 30" main pipeline from sta.2+780 to sta.3+000.	11/12/14	11/12/14	11/12/14	0	A
	IR-13-00016-SHT-493-A	Inspection for steel for A.R.V chamber at sta.0+743	11/12/14	11/13/14	11/13/14	1	A
	IR-13-00016-SHT-494-A	Inspection for formwork for wall of retaining wall before casting concrete from sta.4+345 to sta.4+365 RHS.	11/12/14	11/13/14	11/13/14	1	A
	IR-13-00016-SHT-495-A	Inspection for insulation works 2nd layer for precast manhole: W.O at sta. 1+555.16.	11/13/14	11/13/14	11/13/14	0	C
	IR-13-00016-SHT-496-A	Inspection for casting concrete for foundation of chamber at sta.0+743	11/13/14	11/13/14	11/13/14	0	A
	IR-13-00016-SHT-497-A	Inspection for excavation works for W.O Chamber at sta. 0+620	11/13/14	11/13/14	11/13/14	0	C
	IR-13-00016-SHT-498-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick from sta.2+780 to sta.2+905.	11/13/14	11/13/14	11/13/14	0	A
	IR-13-00016-SHT-499-A	Inspection for excavation works for W.O chamber at sta.0+544.58	11/13/14	11/13/14	11/13/14	0	C
	IR-13-00016-SHT-499-B	Inspection for excavation works for W.O chamber at sta.0+544.58	11/16/14	11/16/14	11/16/14	0	A
	IR-13-00016-SHT-500-A	Inspection for casting concrete for Retaining wall of retaining wall from sta.4+345 to sta.4+365 RHS	11/15/14	11/15/14	11/15/14	0	A
	IR-13-00016-SHT-501-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick from sta.2+905 to sta.3+030.	11/15/14	11/15/14	11/15/14	0	A
	IR-13-00016-SHT-502-A	Inspection for safety measures for main connection chamber before start excavation at sta.2+780	11/16/14	11/16/14	11/16/14	0	A
	IR-13-00016-SHT-503-A	Inspection for formwork for walls of chamber at sta.1+942.	11/16/14	11/16/14	11/16/14	0	A
	IR-13-00016-SHT-504-A	Inspection for excavation works for W.O chamber at sta.0+537	11/16/14	11/16/14	11/16/14	0	A
	IR-13-00016-SHT-505-A	Inspection for casting concrete for wall of chamber at sta.1+942	11/16/14	11/16/14	11/16/14	0	A
	IR-13-00016-SHT-506-A	Inspection for steel work for foundation of main connection chamber at sta.0+020.	11/17/14	11/17/14	11/17/14	0	A
	IR-13-00016-SHT-507-A	Inspection for casting concrete for foundation of main connection chamber at sta.0+020	11/17/14	11/17/14	11/17/14	0	A

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	IR-13-00016-SHT-508-A	Inspection for mockup of stone wall at sta.4+500 RHS	11/18/14	11/18/14	11/18/14	0	C
	IR-13-00016-SHT-509-A	Inspection for excavation work for W.O chamber at sta.2+230	11/18/14	11/18/14	11/18/14	0	A
	IR-13-00016-SHT-510-A	Inspection for insulation work 1st layer for precast manhole: W.O at sta.2+230	11/18/14	11/18/14	11/18/14	0	A
	IR-13-00016-SHT-511-A	Inspection for steel fixing for slab of chamber at sta.1+942	11/19/14	11/19/14	11/20/14	1	C
	IR-13-00016-SHT-511-B	Inspection for steel fixing for slab of chamber at sta.1+942	11/23/14	11/23/14	11/23/14	0	A
	IR-13-00016-SHT-512-A	Inspection for steel work for wall of main connection chamber at sta.0+020	11/19/14	11/19/14	11/20/14	1	C
	IR-13-00016-SHT-512-B	Inspection for steel work for wall of main connection chamber at sta.0+020	11/25/14	11/25/14	11/25/14	0	A
	IR-13-00016-SHT-513-A	Inspection for location for 4" G.V chamber at sta.0+710	11/23/14	11/23/14	11/23/14	0	A
	IR-13-00016-SHT-514-A	Inspection for coordinates of edge of the wall from sta.3+227 to sta.3+275 RHS	11/23/14	11/23/14	11/23/14	0	C
	IR-13-00016-SHT-514-B	Inspection for coordinates of edge of the wall from sta.3+227 to sta.3+275 RHS after excavation	12/08/14	12/08/14	12/09/14	1	A
	IR-13-00016-SHT-515-A	Inspection for casting concrete for slab of chamber at sta. 1+942.	11/23/14	11/23/14	11/23/14	0	A
	IR-13-00016-SHT-516-A	Inspection for location for 6" G.V connection chamber at sta.0+586	11/25/14	11/25/14	11/25/14	0	A
	IR-13-00016-SHT-517-A	Inspection for formwork for walls of chamber at sta.1+280	11/25/14	11/25/14	11/25/14	0	C
	IR-13-00016-SHT-517-B	Inspection for formwork for walls of chamber at sta.1+280	12/06/14	12/06/14	12/06/14	0	A
	IR-13-00016-SHT-518-A	Inspection for excavation for 6" G.V connection (MD-09) chamber at sta.0+586	11/25/14	11/25/14	11/25/14	0	A
	IR-13-00016-SHT-519-A	Inspection for excavation for A.R.V 6" chamber at sta.2+780	11/25/14	11/25/14	11/25/14	0	C
	IR-13-00016-SHT-519-B	Inspection for excavation for A.R.V 6" chamber at sta.2+780	12/01/14	12/01/14	12/01/14	0	A
	IR-13-00016-SHT-520-A	Inspection for alignment for 30" main pipeline from Sta.3+900 to 4+200	11/27/14	11/27/14	11/27/14	0	C
	IR-13-00016-SHT-521-A	Inspection for steel works for wall of A.R.V chamber at sta.0+743	11/27/14	11/27/14	11/27/14	0	A
	IR-13-00016-SHT-522-A	Inspection for preparation & insulation work 1st layer for A.R.V at sta.1+942	11/29/14	11/29/14	11/29/14	0	C
	IR-13-00016-SHT-522-B	Inspection for preparation & insulation work 1st layer for A.R.V at sta.1+942	11/30/14	11/30/14	11/30/14	0	A
	IR-13-00016-SHT-523-A	Inspection for casting concrete for wall of A.R.V chamber at sta.0+743	11/29/14	11/29/14	11/29/14	0	A
	IR-13-00016-SHT-524-A	Inspection for location for 6" A.R.V chamber (C-905A) at sta.3+303	11/30/14	11/30/14	11/30/14	0	A
	IR-13-00016-SHT-525-A	Inspection for location for 10" connection chamber (MD-03) at sta.3+485	11/30/14	11/30/14	11/30/14	0	A
	IR-13-00016-SHT-526-A	Inspection for location for 2 G.V chamber (C-907) at sta.3+490	11/30/14	11/30/14	11/30/14	0	A
	IR-13-00016-SHT-527-A	Inspection for safety measures for retaining wall from sta.3+226.97 to sta.3+295 RHS	11/30/14	11/30/14	11/30/14	0	C
	IR-13-00016-SHT-527-B	Inspection for safety measures for retaining wall from sta.3+226.97 to sta.3+295 RHS	12/06/14	12/06/14	12/06/14	0	C
	IR-13-00016-SHT-528-A	Inspection for preparation & insulation work 1st layer for retaining wall before start 2nd layer from sta.4+345 to sta.4+365.	11/30/14	11/30/14	11/30/14	0	C
	IR-13-00016-SHT-528-B	Inspection for preparation & insulation work 1st layer for retaining wall before start 2nd layer from sta.4+345 to sta.4+365.	12/03/14	12/03/14	12/03/14	0	A
	IR-13-00016-SHT-529-A	Inspection for alignment for 30" main pipeline at Beit Ummer site before start excavation from Sta.3+780 to 3+900	11/30/14	11/30/14	11/30/14	0	C
	IR-13-00016-SHT-530-A	Inspection for formwork for wall of main connection chamber before casting at sta.0+020	12/01/14	12/01/14	12/01/14	0	C
	IR-13-00016-SHT-530-B	Inspection for formwork for wall of main connection chamber before casting at sta.0+020	12/02/14	12/02/14	12/02/14	0	A

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	IR-13-00016-SHT-531-A	Inspection for steel work for foundation of A.R.V 6" chamber (C-905A) before casting concrete at sta.2+782.	12/01/14	12/01/14	12/01/14	0	C
	IR-13-00016-SHT-531-B	Inspection for steel work for foundation of A.R.V 6" chamber (C-905A) before casting concrete at sta.2+782.	12/02/14	12/02/14	12/02/14	0	A
	IR-13-00016-SHT-532-A	Inspection for base course level & compaction from sta.5+640 to sta.5+820	12/01/14	12/02/14	12/02/14	1	C
	IR-13-00016-SHT-532-B	Inspection for base course level & compaction from sta.5+640 to sta.5+800	02/10/15	02/10/15	02/10/15	0	B
	IR-13-00016-SHT-533-A	Inspection for location for 8" "connection chamber (MD-03) at sta.2+781	12/01/14	12/01/14	12/01/14	0	A
	IR-13-00016-SHT-534-A	Inspection for casting concrete for wall of main connection chamber at sta.0+020	12/02/14	12/02/14	12/02/14	0	A
	IR-13-00016-SHT-535-A	Inspection for casting concrete for base slab of A.R.V 6" chamber (C-905A) at sta.2+782.	12/02/14	12/02/14	12/02/14	0	A
	IR-13-00016-SHT-536-A	Inspection for traffic plan & safety measure before start construction from Sta.3+900 to Sta.4+270	12/02/14	12/02/14	12/02/14	0	C
	IR-13-00016-SHT-537-A	Inspection for excavation work for 4" G.V chamber at sta.0+710	12/03/14	12/03/14	12/03/14	0	A
	IR-13-00016-SHT-538-A	Inspection for steel work for wall of A.R.V 6" chamber (C-905A) at sta.2+782.	12/03/14	12/03/14	12/03/14	0	A
	IR-13-00016-SHT-539-A	Inspection for steel works for roof slab of A.R.V chamber before casting concrete at sta.0+743	12/03/14	12/03/14	12/03/14	0	A
	IR-13-00016-SHT-540-A	Inspection for preparation & insulation work 2nd layer for retaining wall before start backfill from sta.4+345 to sta.4+365.	12/04/14	12/04/14	12/04/14	0	A
	IR-13-00016-SHT-541-A	Inspection for Safety measure for connection chamber before start excavation (MD--03) at sta.3+485 & 2 G.V chamber (C-907) at sta.3+490	12/04/14	12/04/14	12/04/14	0	C
	IR-13-00016-SHT-541-B	Inspection for Safety measure for connection chamber before start excavation (MD--03) at sta.3+485 & 2 G.V chamber (C-907) at sta.3+490	12/08/14	12/08/14	12/08/14	0	C
	IR-13-00016-SHT-541-C	Inspection for Safety measure for connection chamber before start excavation (MD--03) at sta.3+485 & 2 G.V chamber (C-907) at sta.3+490	12/14/14	12/14/14	12/14/14	0	A
	IR-13-00016-SHT-542-A	Inspection for formwork for wall of A.R.V 6" chamber (C-905A) before casting concrete at sta.2+782.	12/08/14	12/08/14	12/08/14	0	A
	IR-13-00016-SHT-543-A	Inspection for casting concrete for walls of chamber at sta.1+280	12/07/14	12/07/14	12/07/14	0	A
	IR-13-00016-SHT-544-A	Inspection for location for 3" A.R.V chamber (C-905A) at sta.3+743	12/07/14	12/07/14	12/07/14	0	A
	IR-13-00016-SHT-545-A	Inspection for location for 4" connection chamber (MD-09) at sta.1+214	12/07/14	12/07/14	12/07/14	0	A
	IR-13-00016-SHT-546-A	Inspection for location for 8" W.O chamber (C-903) at sta.2+858	12/07/14	12/07/14	12/07/14	0	A
	IR-13-00016-SHT-547-A	Inspection for location for 6" A.R.V chamber (C-905A) at sta.3+745	12/07/14	12/07/14	12/07/14	0	A
	IR-13-00016-SHT-548-A	Inspection for casting concrete for wall of A.R.V 6" chamber (C-905A) at sta.2+782.	12/07/14	12/07/14	12/07/14	0	A
	IR-13-00016-SHT-549-A	Inspection for excavation for 10" A.R.V chamber (C-905A) at sta.5+607	12/14/14	12/14/14	12/14/14	0	C
	IR-13-00016-SHT-549-B	Inspection for excavation for 10" A.R.V chamber (C-905A) at sta.5+607	12/24/14	12/24/14	12/24/14	0	A
	IR-13-00016-SHT-550-A	Inspection for excavation for retaining wall from sta.7+375 to sta.7+390	12/08/14	12/08/14	12/08/14	0	A
	IR-13-00016-SHT-551-A	Inspection for casting blinding concrete for the connection chamber foundation (MD--03) at sta.3+485	12/14/14	12/14/14	12/14/14	0	A
	IR-13-00016-SHT-552-A	Inspection for casting blinding concrete -Retaining wall from sta.7+375 to sta.7+390	12/09/14	12/09/14	12/09/14	0	A

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	IR-13-00016-SHT-553-A	Inspection for excavation of the retaining wall foundation before blind concrete from sta.3+227 to sta.3+275 RHS	12/09/14	12/09/14	12/09/14	0	A
	IR-13-00016-SHT-554-A	Inspection for preparation & insulation work for A.R.V chamber before start 2nd layer at sta.0+743.	12/10/14	12/10/14	12/10/14	0	A
	IR-13-00016-SHT-555-A	Inspection for steel for roof slab of A.R.V 6" chamber (C-905A) before casting concrete at sta.2+782.	12/11/14	12/11/14	12/11/14	0	A
	IR-13-00016-SHT-556-A	Inspection for steel work for roof slab of main connection chamber before casting concrete at sta.0+020	12/11/14	12/11/14	12/11/14	0	A
	IR-13-00016-SHT-557-A	Inspection for casting concrete for roof slab of A.R.V 6" chamber (C-905A) at sta.2+782.	12/11/14	12/11/14	12/11/14	0	A
	IR-13-00016-SHT-558-A	Inspection for casting concrete for roof slab of main connection chamber at sta.0+020	12/11/14	12/11/14	12/11/14	0	A
	IR-13-00016-SHT-559-A	Inspection for casting blinding concrete for the wall foundation from sta.3+234 to sta.3+255	12/11/14	12/11/14	12/11/14	0	A
	IR-13-00016-SHT-560-A	Inspection for Safety measure for 8" "connection chamber (MD-03) at sta.2+781	12/14/14	12/14/14	12/14/14	0	A
	IR-13-00016-SHT-561-A	Inspection for excavation work for 8" connection chamber (MD-09) before blinding at sta.2+781.	12/14/14	12/14/14	12/14/14	0	A
	IR-13-00016-SHT-562-A	Inspection for Safety measure for 6" A.R.V chamber (C-905A) at sta.3+303	12/15/14	12/15/14	12/15/14	0	C
	IR-13-00016-SHT-562-B	Inspection for Safety measure for 6" A.R.V chamber (C-905A) at sta.3+303	12/22/14	12/22/14	12/22/14	0	A
	IR-13-00016-SHT-563-A	Inspection for casting blinding concrete for the connection chamber foundation (MD--09)at sta.2+781	12/15/14	12/15/14	12/15/14	0	A
	IR-13-00016-SHT-564-A	Inspection for casting blinding concrete for the connection chamber foundation (MD--03) at sta.3+485	12/15/14	12/15/14	12/15/14	0	A
	IR-13-00016-SHT-565-A	Inspection for steel work for the retaining wall foundation from sta.3+234 to sta.3+255	12/16/14	12/16/14	12/16/14	0	A
	IR-13-00016-SHT-566-A	Inspection for casting concrete for the retaining wall foundation from sta.3+234 to sta.3+255	12/16/14	12/16/14	12/16/14	0	A
	IR-13-00016-SHT-567-A	Inspection for steel work for the retaining wall foundation from sta.7+375 to sta.7+390	12/17/14	12/17/14	12/17/14	0	A
	IR-13-00016-SHT-568-A	Inspection for casting concrete for the retaining wall foundation from sta.7+375 to sta.7+390	12/17/14	12/17/14	12/17/14	0	A
	IR-13-00016-SHT-569-A	Inspection for spraying MC and applying first layer asphalt wearing course 5 cm thick from sta.3+780 to sta.3+900	12/17/14	12/17/14	12/17/14	0	B
	IR-13-00016-SHT-570-A	Inspection for steel work for the connection chamber foundation (MD--09) at sta.2+781	12/18/14	12/18/14	12/18/14	0	A
	IR-13-00016-SHT-571-A	Inspection for Welders Qualification Test in Storage Yard	12/21/14	12/21/14	12/21/14	0	C
	IR-13-00016-SHT-572-A	Inspection for steel work for the Beit Ummer connection chamber foundation (MD--03) at sta.3+485	12/21/14	12/21/14	12/21/14	0	A
	IR-13-00016-SHT-573-A	Inspection for casting blinding concrete for the wall foundation from sta.3+255 to sta.3+275	12/21/14	12/21/14	12/21/14	0	A
	IR-13-00016-SHT-574-A	Inspection for Steel work for 2 G.V chamber (C-907) at sta.3+490	12/22/14	12/22/14	12/22/14	0	A

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	IR-13-00016-SHT-575-A	Inspection for casting concrete for the Beit Ummer connection chamber foundation (MD--03) at sta.3+485 & 2 G.V chamber (C-907) at sta.3+490	12/22/14	12/22/14	12/22/14	0	A
	IR-13-00016-SHT-576-A	Inspection for excavation for 6" A.R.V chamber (C-905A) at sta.3+303	12/22/14	12/22/14	12/22/14	0	A
	IR-13-00016-SHT-577-A	Inspection for Safety measure traffic plan for 4" pipeline from sta.0+000 to sta.0+790	12/23/14	12/23/14	12/23/14	0	A
	IR-13-00016-SHT-578-A	Inspection for excavation for 6" A.R.V chamber (C-905A) at sta.3+745	12/23/14	12/23/14	12/23/14	0	A
	IR-13-00016-SHT-579-A	Inspection for excavation for 3" A.R.V chamber (C-905A) at sta.3+743	12/23/14	12/23/14	12/23/14	0	A
	IR-13-00016-SHT-580-A	Inspection for steel work for 6" A.R.V chamber (C-905A) at sta.3+303	12/23/14	12/23/14	12/23/14	0	A
	IR-13-00016-SHT-581-A	Inspection for casting concrete for the connection chamber foundation (MD--09) at sta.2+781	12/23/14	12/23/14	12/23/14	0	A
	IR-13-00016-SHT-582-A	Inspection for casting concrete for 6" A.R.V chamber (C-905A) at sta.3+303	12/23/14	12/23/14	12/23/14	0	A
	IR-13-00016-SHT-583-A	Inspection for Steel work for wall of retaining wall from sta 3+234 to sta.3+244	12/23/14	12/23/14	12/23/14	0	A
	IR-13-00016-SHT-584-A	Inspection for steel work for wall of the retaining wall from sta.7+375 to sta.7+390	12/24/14	12/24/14	12/24/14	0	A
	IR-13-00016-SHT-585-A	Inspection for sub grade level and compaction from sta.5+900 to sta.5+120.	12/24/14	12/24/14	12/24/14	0	A
	IR-13-00016-SHT-586-A	Inspection for the Mill Certificate & Inspection Certificate for 12" steel pipe	12/27/14	12'/27/2014	12/27/14	0	A
	IR-13-00016-SHT-587-A	Inspection for sub grade level and compaction from sta.5+300 to sta.5+560.	12/27/14	12/27/14	12/27/14	0	A
	IR-13-00016-SHT-588-A	Inspection for the field compaction test along 6" Al Nabi Younis network from sta.0+080 to sta.0+500	12/27/14	12/27/14	12/27/14	0	A
	IR-13-00016-SHT-589-A	Inspection for formwork for wall of the retaining wall from sta.7+375 to sta.7+390	12/27/14	12/27/14	12/27/14	0	A
	IR-13-00016-SHT-590-A	Inspection for casting concrete for the retaining wall foundation from sta.3+255 to sta.3+275	12/27/14	12/27/14	12/27/14	0	A
	IR-13-00016-SHT-591-A	Inspection for casting concrete for wall of retaining wall from sta 3+234 to sta.3+244	12/27/14	12/27/14	12/27/14	0	A
	IR-13-00016-SHT-592-A	Inspection for the Mill Certificate & Inspection Certificate for 30" steel pipe	12/28/14	12/28/14	12/28/14	0	A
	IR-13-00016-SHT-593-A	Inspection for the Mill Certificate & Inspection Certificate for 24" steel pipe	12/28/14	12/28/14	12/28/14	0	A
	IR-13-00016-SHT-594-A	Inspection for the Mill Certificate & Inspection Certificate for 20" steel pipe	12/28/14	12/28/14	12/28/14	0	A
	IR-13-00016-SHT-595-A	Inspection for the Mill Certificate & Inspection Certificate for 16" steel pipe	12/28/14	12/28/14	12/28/14	0	A
	IR-13-00016-SHT-596-A	Inspection for the Mill Certificate & Inspection Certificate for 8" steel pipe	12/28/14	12/28/14	12/28/14	0	A
	IR-13-00016-SHT-597-A	Inspection for spraying MC and applying first layer asphalt wearing course 5 cm thick from sta.0+080 to sta.0+500	12/28/14	12/28/14	12/28/14	0	A
	IR-13-00016-SHT-598-A	Inspection for formwork for wall of 2 G.V chamber (C-907) at sta.3+490	12/28/14	12/28/14	12/28/14	0	A
	IR-13-00016-SHT-599-A	Inspection for location for 2"A.R.V chamber (C-905A) at sta.4+082	12/28/14	12/28/14	12/28/14	0	A
	IR-13-00016-SHT-600-A	Inspection for Safety measure for retaining wall from Sta.3+380 to Sta.3+464.92 RHS	12/28/14	12/28/14	12/29/14	1	A
	IR-13-00016-SHT-601-A	Inspection for the Mill Certificate & Inspection Certificate for 10" steel pipe	12/29/14	12/29/14	12/29/14	0	A
	IR-13-00016-SHT-602-A	Inspection for Safety measure for retaining wall from Sta.4+422 to Sta.4+440	12/29/14	12/29/14	12/29/14	0	A
	IR-13-00016-SHT-603-A	Inspection for the field compaction test along 6" Al Nabi Younis network from sta.0+500 to sta.0+800	12/29/14	12/29/14	12/29/14	0	A
	IR-13-00016-SHT-604-A	Inspection for casting concrete for wall of 2 G.V chamber (C-907) at sta.3+490	12/29/14	12/29/14	12/29/14	0	A
	IR-13-00016-SHT-605-A	Inspection for casting concrete for wall of retaining wall from sta.7+375 to sta.7+390.	12/29/14	12/29/14	12/29/14	0	A
	IR-13-00016-SHT-606-A	Inspection for sub grade level and compaction from sta.4+120 to sta.4+290.	12/30/14	12/30/14	12/30/14	0	A

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	IR-13-00016-SHT-607-A	Inspection for spraying MC and applying first layer asphalt wearing course 5 cm thick from sta.0+500 to sta.0+800	12/30/14	12/30/14	12/30/14	0	A
	IR-13-00016-SHT-608-A	Inspection for steel work for walls of 6" A.R.V chamber (C-905A) at sta.3+303	12/30/14	12/30/14	12/30/14	0	A
	IR-13-00016-SHT-609-A	Inspection for excavation for retaining wall from Sta.4+422 to Sta.4+440	12/30/14	12/30/14	12/30/14	0	A
	IR-13-00016-SHT-610-A	Inspection for formwork for walls of 6" A.R.V chamber (C-905A) at sta.3+303	12/30/14	12/30/14	12/30/14	0	A
	IR-13-00016-SHT-611-A	Inspection for formwork for blinding of retaining wall before casting concrete from Sta.4+422 to Sta.4+440	12/30/14	12/30/14	12/30/14	0	A
	IR-13-00016-SHT-612-A	Inspection for casting concrete for walls of 6" A.R.V chamber (C-905A) at sta.3+303	12/30/14	12/30/14	12/30/14	0	A
	IR-13-00016-SHT-613-A	Inspection for casting blinding concrete for retaining wall from Sta.4+422 to Sta.4+440	12/30/14	12/30/14	12/30/14	0	A
	IR-13-00016-SHT-614-A	Inspection for sub grade level and compaction from sta.3+580 to sta.3+780.	12/31/14	12/31/14	12/31/14	0	A
	IR-13-00016-SHT-615-A	Inspection for Safety measure for 10" W.O chamber at sta.2+857	12/31/14	12/31/14	12/31/14	0	C
	IR-13-00016-SHT-616-A	Inspection for safety measure for 10 " W.O chamber at sta.4+593	12/31/14	12/31/14	12/31/14	0	A
	IR-13-00016-SHT-617-A	Inspection for casting concrete for wall of retaining wall from sta.3+245 to sta.3+255	12/31/14	12/31/14	12/31/14	0	A
	IR-13-00016-SHT-618-A	Inspection for casting concrete for roof slab of 2 G.V chamber (C-907) at sta.3+490	12/31/14	12/31/14	12/31/14	0	A
	IR-13-00016-SHT-619-A	Inspection for Casting blinding concrete for 10" W.O chamber at sta.2+857	12/31/14	12/31/14	12/31/14	0	A
	IR-13-00016-SHT-620-A	Inspection for steel work for 10 " W.O chamber foundation at sta.4+593	12/31/14	12/31/14	12/31/14	0	A
	IR-13-00016-SHT-621-A	Inspection for casting concrete for foundation of W.O chamber at sta.4+593	01/01/15	01/01/15	01/01/15	0	A
	IR-13-00016-SHT-622-A	Inspection for safety measures , traffic plan before start excavation & installation 30" pipeline from sta.8+000 to sta.8+270	01/13/15	01/13/15	01/13/15	0	C
	IR-13-00016-SHT-622-B	Inspection for safety measures , traffic plan before start digging from sta.8+000 to sta.8+270	01/14/15	01/14/15	01/14/15	0	A
	IR-13-00016-SHT-623-A	Inspection to closing of Environmental Checklist for August, September & October.	01/13/15	01/13/15	01/13/15	0	A
	IR-13-00016-SHT-624-A	Inspection for steel work for roof slab of 6" A.R.V chamber (C-905A) at sta.3+303	01/13/15	01/13/15	01/13/15	0	A
	IR-13-00016-SHT-625-A	Inspection for steel works & formwork for the foundation of the retaining wall before casting concrete from sta.3+265 to sta.3+277	01/13/15	01/13/15	01/13/15	0	A
	IR-13-00016-SHT-626-A	Inspection for casting concrete for roof slab of 6" A.R.V chamber (C-905A) at sta.3+303	01/13/15	01/13/15	01/13/15	0	A
	IR-13-00016-SHT-627-A	Inspection for casting concrete for the foundation of the retaining wall from sta.3+265 to sta.3+277	01/13/15	01/13/15	01/13/15	0	A
	IR-13-00016-SHT-628-A	Inspection for steel works & formwork for the walls of connection chamber (MD-09) at sta.2+781	01/14/15	01/14/15	01/14/15	0	A
	IR-13-00016-SHT-629-A	Inspection for casting concrete for the walls of connection chamber (MD-09) at sta.2+781	01/14/15	01/14/15	01/14/15	0	A
	IR-13-00016-SHT-630-A	Inspection for formwork for the walls of connection chamber (MD-03) at sta.3+485	01/15/15	01/15/15	01/15/15	0	A
	IR-13-00016-SHT-631-A	Inspection for casting concrete for the walls of connection chamber (MD-03) at sta.3+485	01/15/15	01/15/15	01/15/15	0	A
	IR-13-00016-SHT-632-A	Inspection for steel works for wall of retaining wall from sta.3+255 to sta.3+265	01/18/15	01/18/15	01/18/15	0	A

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	IR-13-00016-SHT-633-A	Inspection for alignment for 30" main pipeline at Asyoon before start excavation from Sta.0+000 to Sta.0+140.	01/18/15	01/18/15	01/18/15	0	A
	IR-13-00016-SHT-634-A	Inspection for the Mill Certificate & Inspection Certificate for 30" steel pipe	01/19/15	01/19/15	01/19/15	0	A
	IR-13-00016-SHT-635-A	Inspection for location for 6"A.R.V chamber (C-905A) at sta.4+993	01/19/15	01/19/15	01/19/15	0	A
	IR-13-00016-SHT-636-A	Inspection for location for 8" GV connection to existing with 3" W.O chamber (MD-09/1) at sta.2+290	01/19/15	01/19/15	01/19/15	0	A
	IR-13-00016-SHT-637-A	Inspection for sub grade level and compaction from sta.6+250 to sta.6+600.	01/20/15	01/20/15	01/20/15	0	A
	IR-13-00016-SHT-638-A	Inspection for steel work for roof slab of connection chamber (MD-09) at sta.2+781	01/20/15	01/20/15	01/20/15	0	A
	IR-13-00016-SHT-639-A	Inspection for formwork for wall of the retaining wall from sta.3+255 to sta.3+265	01/20/15	01/20/15	01/20/15	0	A
	IR-13-00016-SHT-640-A	Inspection for casting concrete for wall of the retaining wall from sta.3+255 to sta.3+265	01/20/15	01/20/15	01/20/15	0	A
	IR-13-00016-SHT-641-A	Inspection for casting concrete for roof slab of connection chamber (MD-09) at sta.2+781	01/20/15	01/20/15	01/20/15	0	A
	IR-13-00016-SHT-642-A	Inspection for alignment for 3" pipeline at A Hawawer before start excavation from Sta.0+000 to Sta.0+380.	01/21/15	01/21/15	01/21/15	0	C
	IR-13-00016-SHT-642-B	Inspection for alignment for 3" pipeline at A Hawawer before start excavation from Sta.0+000 to Sta.0+380.	01/27/15	01/27/15	01/27/15	0	C
	IR-13-00016-SHT-643-A	Inspection for steel work for the roof slab of connection chamber (MD-03) at sta.3+485	01/21/15	01/21/15	01/21/15	0	A
	IR-13-00016-SHT-644-A	Inspection for casting concrete for roof slab of connection chamber (MD-03) at sta.3+485	01/21/15	01/21/15	01/21/15	0	A
	IR-13-00016-SHT-645-A	Inspection for formwork for walls of W.O chamber at sta.4+593	01/22/15	01/22/15	01/22/15	0	A
	IR-13-00016-SHT-646-A	Inspection for sub grade level and compaction from sta.6+600 to sta.6+830.	01/22/15	01/22/15	01/22/15	0	C
	IR-13-00016-SHT-646-B	Inspection for sub grade level and compaction from sta.6+600 to sta.6+830.	01/27/15	01/27/15	01/27/15	0	A
	IR-13-00016-SHT-647-A	Inspection casting concrete for walls of W.O chamber at sta.4+593	01/22/15	01/22/15	01/22/15	0	A
	IR-13-00016-SHT-648-A	Inspection for safety measures , traffic plan before start digging, excavation & installation from sta.7+500 to sta.8+000	01/24/15	01/24/15	01/24/15	0	A
	IR-13-00016-SHT-649-A	Inspection for steel work for retaining wall foundation from Sta.4+422 to Sta.4+440	01/25/15	01/25/15	01/25/15	0	A
	IR-13-00016-SHT-650-A	Inspection for 1st coat insulation work for foundation, walls & roof slab of connection chamber (MD-09) before start 2nd coat at sta.2+781	01/25/15	01/25/15	01/25/15	0	A
	IR-13-00016-SHT-651-A	Inspection for steel work for roof slab of chamber at sta.1+280	01/25/15	01/25/15	01/25/15	0	C
	IR-13-00016-SHT-651-B	Inspection for steel work for roof slab of chamber at sta.1+280	01/27/15	01/27/15	01/27/15	0	A
	IR-13-00016-SHT-652-A	Inspection for casting concrete for retaining wall foundation from Sta.4+422 to Sta.4+440	01/25/15	01/25/15	01/25/15	0	A
	IR-13-00016-SHT-653-A	Inspection for the insulation works for retaining wall before start backfilling from sta.7+375 to sta.7+390	01/27/15	01/27/15	01/27/15	0	A
	IR-13-00016-SHT-654-A	Inspection for safety measure for 2" ARV chamber (C-905A) at sta.4+082.	01/27/15	01/27/15	01/27/15	0	C
	IR-13-00016-SHT-654-B	Inspection for safety measure for 2" ARV chamber (C-905A) at sta.4+082.	02/01/15	02/01/15	02/01/15	0	C

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	IR-13-00016-SHT-654-C	Inspection for safety measure for 2" ARV chamber (C-905A) at sta.4+082.	02/02/15	02/02/15	02/02/15	0	A
	IR-13-00016-SHT-655-A	Inspection for location for Beit Ummer connection chamber at sta.4+625	01/27/15	01/27/15	01/27/15	0	A
	IR-13-00016-SHT-656-A	Inspection for casting concrete for roof slab of chamber at sta.1+280	01/27/15	01/27/15	01/27/15	0	A
	IR-13-00016-SHT-657-A	Inspection for safety measure for Beit Ummer flow monitoring chamber at sta.4+625	01/27/15	01/27/15	01/27/15	0	A
	IR-13-00016-SHT-658-A	Inspection steel work for roof slab of W.O chamber at sta.4+593	01/27/15	01/27/15	01/27/15	0	C
	IR-13-00016-SHT-658-B	Inspection steel work for roof slab of W.O chamber at sta.4+593	01/29/15	01/29/15	01/29/15	0	A
	IR-13-00016-SHT-659-A	Inspection for coordinates of edge of the wall from sta.3+395 to sta.3+460 RHS before excavation	01/28/15	01/28/15	01/28/15	0	C
	IR-13-00016-SHT-660-A	Inspection for safety measure for connection to existing & W.O chamber at sta.2+320	01/28/15	01/28/15	01/28/15	0	A
	IR-13-00016-SHT-661-A	Inspection for excavation work for Beit Ummer flow montioring chamber at sta.4+625	01/28/15	01/28/15	01/28/15	0	A
	IR-13-00016-SHT-662-A	Inspection for casting blinding concrete for Beit Ummer flow monitoring chamber at sta.4+625	01/28/15	01/28/15	01/28/15	0	A
	IR-13-00016-SHT-663-A	Inspection for 1st coat insulation work for ARV chamber at sta.4+082.	01/29/15	01/29/15	01/29/15	0	A
	IR-13-00016-SHT-664-A	Inspection for 1st coat insulation work for walls, foundation & roof slab Beit Ummer connection chamber at sta.3+485 &2 GV at sta.3+490.	01/29/15	01/29/15	01/29/15	0	A
	IR-13-00016-SHT-665-A	Inspection for backfill layer from sta.2+130 to sta.2+600 LHS & RHS.	01/29/15	01/29/15	01/29/15	0	C
	IR-13-00016-SHT-666-A	Inspection for steel work for Beit Ummer flow monitoring chamber at sta.4+625	01/29/15	01/29/15	01/29/15	0	A
	IR-13-00016-SHT-667-A	Inspection for installation precast ARV manhole & the connection pipes at sta.4+082	01/29/15	01/29/15	01/29/15	0	A
	IR-13-00016-SHT-668-A	Inspection for casting concrete for foundation of Beit Ummer flow monitoring chamber at sta.4+625	01/29/15	01/29/15	01/29/15	0	A
	IR-13-00016-SHT-669-A	Inspection for backfill layer fromsta.0+000 to sta.0+190 , sta.0+280 to sta.0+450 & from sta.0+560 to sta.0+790 LHS & RHS.	01/29/15	01/29/15	01/29/15	0	C
	IR-13-00016-SHT-670-A	Inspection for excavation for connection to existing & W.O chamber at sta.2+320	01/29/15	01/29/15	01/29/15	0	A
	IR-13-00016-SHT-671-A	Inspection for the 1st layer of selected material backfill behind the retaining wall from sta.7+315 to sta.7+390.	01/31/15	01/31/15	01/31/15	0	A
	IR-13-00016-SHT-672-A	Inspection for steel work for walls of Beit Ummer flow monitoring chamber at sta.4+625	01/31/15	01/31/15	01/31/15	0	A
	IR-13-00016-SHT-673-A	Inspection casting concrete for roof slab of W.O chamber at sta.4+593	01/31/15	01/31/15	01/31/15	0	A
	IR-13-00016-SHT-674-A	Inspection for steel work for foundation of connection to existing & W.O chamber at sta.2+320	01/31/15	01/31/15	01/31/15	0	A
	IR-13-00016-SHT-675-A	Inspection for casting concrete for foundation of connection to existing & W.O chamber at sta.2+320	01/31/15	01/31/15	01/31/15	0	A
	IR-13-00016-SHT-676-A	Inspection for steel work for the wall of the retaining wall from sta.3+265 to sta.3+277	02/01/15	02/01/15	02/01/15	0	C
	IR-13-00016-SHT-676-B	Inspection for steel work for the wall of the retaining wall from sta.3+265 to sta.3+277	02/02/15	02/02/15	02/02/15	0	A
	IR-13-00016-SHT-677-A	Inspection for the 2nd layer of selected material backfill behind the retaining wall from sta.7+315 to sta.7+390.	02/01/15	02/01/15	02/01/15	0	A
	IR-13-00016-SHT-678-A	Inspection for excavation for 4" connection chamber (MD-09) at sta.1+214	02/01/15	02/01/15	02/01/15	0	A

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Inspection Request			TRACKING DATES				Approval Status
Spec. No.	Inspection Request #	Description	Submitted on (M/D/Y)	Inspection Date	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	IR-13-00016-SHT-679-A	Inspection for 2 Reducer (30" to 20") that were fabricated in the work shop (Eccentric and Concentric).	02/01/15	02/01/15	02/02/15	1	C
	IR-13-00016-SHT-680-A	Inspection for mockup for sand plastering & Epoxy coating (Work Shop).	02/01/15	02/01/15	02/02/15	1	C
	IR-13-00016-SHT-681-A	Inspection for steel work for walls of connection to existing & W.O chamber at sta.2+320	02/01/15	02/01/15	02/01/15	0	C
	IR-13-00016-SHT-681-B	Inspection for steel work for walls of connection to existing & W.O chamber at sta.2+320	02/02/15	02/02/15	02/02/15	0	A
	IR-13-00016-SHT-682-A	Inspection for the 3rd layer of selected material backfill behind the retaining wall from sta.7+315 to sta.7+390.	02/01/15	02/01/15	02/01/15	0	A
	IR-13-00016-SHT-683-A	Inspection for alignment for 30" main pipeline at Halhul site before start digging from Sta.7+200 to Sta.7+500.	02/02/15	02/02/15	02/02/15	0	A
	IR-13-00016-SHT-684-A	Inspection for insulation work 1st layer for Main Connection chamber at sta.1+280	02/02/15	02/02/15	02/02/15	0	A
	IR-13-00016-SHT-685-A	Inspection for insulation 1st layer for connection to existing chamber at sta.1+214	02/02/15	02/02/15	02/02/15	0	A
	IR-13-00016-SHT-686-A	Inspection for installation precast connection to existing & the connection pipes at sta.1+214	02/02/15	02/02/15	02/02/15	0	C
	IR-13-00016-SHT-687-A	Inspection for steel work for foundation of 10"ARV chamber (C-905A) at sta.4+082	02/02/15	02/02/15	02/02/15	0	A
	IR-13-00016-SHT-688-A	Inspection for casting concrete for foundation of 10"ARV chamber (C-905A) at sta.4+082	02/02/15	02/02/15	02/02/15	0	A
	IR-13-00016-SHT-689-A	Inspection insulation work 1st layer for walls, roof slab & foundation of W.O chamber at sta.4+593	02/03/15	02/03/15	02/03/15	0	C
	IR-13-00016-SHT-690-A	Inspection for formwork for walls of connection to existing & W.O chamber at sta.2+320	02/03/15	02/03/15	02/03/15	0	C
	IR-13-00016-SHT-690-B	Inspection for formwork for walls of connection to existing & W.O chamber at sta.2+320	02/04/15	02/04/15	02/04/15	0	A
	IR-13-00016-SHT-691-A	Inspection for location for 6" ARV chamber at sta.6+600	02/03/15	02/03/15	02/03/15	0	A
	IR-13-00016-SHT-692-A	Inspection for location for 6" ARV chamber at sta.8+875	02/03/15	02/03/15	02/03/15	0	A
	IR-13-00016-SHT-693-A	Inspection for location for 10"ARV chamber at sta.9+210	02/03/15	02/03/15	02/03/15	0	A
	IR-13-00016-SHT-694-A	Inspection for location for 6" GV chamber at sta.0+180	02/03/15	02/03/15	02/03/15	0	A
	IR-13-00016-SHT-695-A	Inspection for the 4th layer of selected material backfill behind the retaining wall from sta.7+315 to sta.7+390.	02/03/15	02/03/15	02/03/15	0	A
	IR-13-00016-SHT-696-A	Inspection for steel work for wall of the retaining wall from Sta.4+431 to Sta.4+440	02/04/15	02/04/15	02/04/15	0	A
	IR-13-00016-SHT-697-A	Inspection for formwork for wall of the retaining wall from sta.3+265 to sta.3+277	02/04/15	02/04/15	02/04/15	0	A
	IR-13-00016-SHT-698-A	Inspection for location for 3" ARV chamber at sta.0+208	02/04/15	02/04/15	02/04/15	0	A
	IR-13-00016-SHT-699-A	Inspection for alignment for 30" main pipeline at Karmi Tzure site before start digging from Sta.5+820 to Sta.6+220.	02/04/15	02/04/15	02/04/15	0	A
	IR-13-00016-SHT-700-A	Inspection for casting concrete for walls of connection to existing & W.O chamber at sta.2+320	02/04/15	02/04/15	02/04/15	0	A

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Spec. No.	Inspection Request #	Description	Submitted on (M/D/Y)	Inspection Date	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	IR-13-00016-SHT-701-A	Inspection for casting concrete for wall of the retaining wall from sta.3+265 to sta.3+277	02/05/15	02/05/15	02/05/15	0	A
	IR-13-00016-SHT-702-A	Inspection for excavation work for W.O& G.V precast chamber at sta.4+593	02/05/15	02/05/15	02/05/15	0	A
	IR-13-00016-SHT-703-A	Inspection for steel work for walls of 10" ARV chamber (C-905A) at sta.4+082	02/05/15	02/05/15	02/05/15	0	A
	IR-13-00016-SHT-704-A	Inspection for safety measure for connection to existing chamber at sta.3+781	02/05/15	02/05/15	02/05/15	0	A
	IR-13-00016-SHT-705-A	Inspection for excavation for connection to existing chamber at sta.3+781	02/05/15	02/05/15	02/05/15	0	A
	IR-13-00016-SHT-706-A	Inspection for the 5th layer of selected material backfill behind the retaining wall from sta.7+315 to sta.7+390.	02/07/15	02/07/15	02/07/15	0	A
	IR-13-00016-SHT-707-A	Inspection for formwork for wall of 10"ARV chamber (C-905A) at sta.4+082	02/07/15	02/07/15	02/07/15	0	A
	IR-13-00016-SHT-708-A	Inspection for casting concrete for wall of 10"ARV chamber (C-905A) at sta.4+082	02/07/15	02/07/15	02/07/15	0	A
	IR-13-00016-SHT-709-A	Inspection for steel work for foundation of connection to existing chamber at sta.3+781	02/07/15	02/07/15	02/07/15	0	A
	IR-13-00016-SHT-710-A	Inspection for casting concrete for foundation of connection to existing chamber at sta.3+781	02/07/15	02/07/15	02/07/15	0	A
	IR-13-00016-SHT-711-A	Inspection for formwork for wall of the retaining wall from Sta.4+431 to Sta.4+440	02/07/15	02/07/15	02/07/15	0	A
	IR-13-00016-SHT-712-A	Inspection for casting concrete for wall of the retaining wall from Sta.4+431 to Sta.4+440	02/08/15	02/08/15	02/08/15	0	A
	IR-13-00016-SHT-713-A	Inspection for formwork for walls of connection to existing chamber at sta.3+781	02/09/15	02/09/15	02/09/15	0	A
	IR-13-00016-SHT-714-A	Inspection for the excavation level of the retaining wall foundation before blind concrete from sta.3+420 to 3+460	02/09/15	02/09/15	02/09/15	0	A
	IR-13-00016-SHT-715-A	Inspection for steel work for roof slab of connection to existing & W.O chamber at sta.2+320	02/09/15	02/09/15	02/09/15	0	A
	IR-13-00016-SHT-716-A	Inspection for casting concrete for walls of connection to existing chamber at sta.3+781	02/09/15	02/09/15	02/09/15	0	A
	IR-13-00016-SHT-717-A	Inspection for casting concrete for roof slab of connection to existing & W.O chamber at sta.2+320	02/09/15	02/09/15	02/09/15	0	A
	IR-13-00016-SHT-718-A	Inspection for casting blinding concrete for retaining wall from sta.3+420 to sta.3+460	02/09/15	02/09/15	02/09/15	0	A
	IR-13-00016-SHT-719-A	Inspection for steel work for roof slab of 10"ARV chamber (C-905A) at sta.4+082	02/10/15	02/10/15	02/10/15	0	A
	IR-13-00016-SHT-720-A	Inspection for the 6th layer of selected material backfill behind the retaining wall from sta.7+315 to sta.7+390.	02/10/15	02/10/15	02/10/15	0	A
	IR-13-00016-SHT-721-A	Inspection for safety measure for ARV (C-905A) chamber at sta.4+993.	02/10/15	02/10/15	02/10/15	0	A
	IR-13-00016-SHT-722-A	Inspection for excavation, steel & casting concrete for foundation of ARV (C-905A) chamber at sta.4+993.	02/10/15	02/10/15	02/10/15	0	A
	IR-13-00016-SHT-723-A	Inspection for steel work for walls of 6"A.R.V chamber (C-905A) at sta.4+993	02/10/15	02/10/15	02/10/15	0	C
	IR-13-00016-SHT-723-B	Inspection for steel work for walls of 6"A.R.V chamber (C-905A) at sta.4+993	02/14/15	02/14/15	02/14/15	0	A
	IR-13-00016-SHT-724-A	Inspection for steel work for wall of the retaining wall from Sta.4+420 to Sta.4+431	02/11/15	02/11/15	02/11/15	0	C
	IR-13-00016-SHT-724-B	Inspection for steel work for wall of the retaining wall from Sta.4+420 to Sta.4+431	02/14/15	02/14/15	02/14/15	0	A
	IR-13-00016-SHT-725-A	Inspection for steel work & casting concrete for foundation of 10" A.R.V chamber (C-905A) at sta.5+607	02/11/15	02/11/15	02/11/15	0	A
	IR-13-00016-SHT-726-A	Inspection for steel work for walls of 10" A.R.V chamber (C-905A) at sta.5+607	02/12/15	02/12/15	02/12/15	0	A

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	IR-13-00016-SHT-727-A	Inspection for casting concrete for walls of 10" A.R.V chamber (C-905A) at sta.5+607	02/12/15	02/12/15	02/12/15	0	A
	IR-13-00016-SHT-728-A	Inspection for steel work for roof slab of 10" A.R.V chamber (C-905A) at sta.5+607	02/15/15	02/15/15	02/15/15	0	A
	IR-13-00016-SHT-729-A	Inspection for formwork for walls of 6"A.R.V chamber (C-905A) at sta.4+993	02/15/15	02/15/15	02/15/15	0	A
	IR-13-00016-SHT-730-A	Inspection for steel work for roof slab of connection to existing chamber at sta.3+781	02/15/15	02/15/15	02/15/15	0	A
	IR-13-00016-SHT-731-A	Inspection for casting concrete for roof slab of 10"ARV chamber (C-905A) at sta.4+082	02/15/15	02/15/15	02/15/15	0	A
	IR-13-00016-SHT-732-A	Inspection for casting concrete for walls of 6"A.R.V chamber (C-905A) at sta.4+993	02/15/15	02/15/15	02/15/15	0	A
	IR-13-00016-SHT-733-A	Inspection for casting concrete for roof slab of connection to existing chamber at sta.3+781	02/15/15	02/15/15	02/15/15	0	A
	IR-13-00016-SHT-734-A	Inspection for casting concrete for roof slab of 10" A.R.V chamber (C-905A) at sta.5+607	02/15/15	02/15/15	02/15/15	0	A
	IR-13-00016-SHT-735-A	Inspection for steel work for foundation of the retaining wall from sta.3+452 to sta.3+460	02/15/15	02/15/15	02/16/15	1	A
	IR-13-00016-SHT-736-A	Inspection for formwork for wall of the retaining wall from Sta.4+420 to Sta.4+431	02/16/15	02/16/15	02/16/15	0	A
	IR-13-00016-SHT-737-A	Inspection for casting concrete for wall of the retaining wall from Sta.4+420 to Sta.4+431	02/16/15	02/16/15	02/16/15	0	A
	IR-13-00016-SHT-738-A	Inspection for casting concrete for foundation of the retaining wall from sta.3+452 to sta.3+460	02/16/15	02/16/15	02/16/15	0	A
	IR-13-00016-SHT-739-A	Inspection for steel work & casting concrete for foundation of 10" W.O chamber at sta.2+857	02/16/15	02/16/15	02/16/15	0	A
	IR-13-00016-SHT-740-A	Inspection for steel work & casting concrete for walls of 10" W.O chamber at sta.2+857	02/17/15	02/17/15	02/17/15	0	A
	IR-13-00016-SHT-741-A	Inspection for steel work for roof slab of 10" W.O chamber at sta.2+857	02/18/15	02/18/15	02/18/15	0	A
	IR-13-00016-SHT-742-A	Inspection for traffic plan before start digging from sta.9+440 to sta.9+600	02/19/15	02/19/15	02/19/15	0	A
	IR-13-00016-SHT-743-A	Inspection for alignment for 30" main pipeline at Karmi Tzure site before start digging from Sta.9+418 to sta.9+600.	02/19/15	02/19/15	02/19/15	0	A
	IR-13-00016-SHT-744-A	Inspection for steel work for roof slab of 6"A.R.V chamber (C-905A) at sta.4+993	02/23/15	02/23/15	02/23/15	0	C
	IR-13-00016-SHT-744-B	Inspection for steel work for roof slab of 6"A.R.V chamber (C-905A) at sta.4+993	02/25/15	02/25/15	02/25/15	0	A
	IR-13-00016-SHT-745-A	Inspection for safety measures for 30" main pipeline before digging works from sta.9+440 to 9+600	02/23/15	02/23/15	02/23/15	0	A
	IR-13-00016-SHT-746-A	Inspection for casting concrete for roof slab of 10" W.O chamber at sta.2+857	02/23/15	02/23/15	02/23/15	0	A
	IR-13-00016-SHT-747-A	Inspection for mockup of stone wall at sta.4+460 RHS	02/25/15	02/25/15	02/25/15	0	C
	IR-13-00016-SHT-748-A	Inspection for steel work for roof slab of Beit Ummer flow monitoring chamber at sta.4+625	02/25/15	02/25/15	02/26/15	1	A
	IR-13-00016-SHT-749-A	Inspection for Safety measure for retaining wall from sta.3+150 to sta.3+200	02/26/15	02/26/15	02/26/15	0	C
	IR-13-00016-SHT-750-A	Inspection for coordinates of edge of the wall from sta.3+150 to sta.3+200 before excavation	02/26/15	02/26/15	02/26/15	0	C
	IR-13-00016-SHT-751-A	Inspection for steel work for retaining wall foundation from sta.3+420 to sta.3+452	02/26/15	02/26/15	02/26/15	0	C

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Spec. No.	Inspection Request #	Description	Submitted on (M/D/Y)	Inspection Date	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	IR-13-00016-SHT-751-B	Inspection for steel work for retaining wall foundation from sta.3+420 to sta.3+452	02/28/15	02/28/15	02/28/15	0	A
	IR-13-00016-SHT-752-A	Inspection for casting concrete for roof fixed slab of Beit Ummer flow monitoring chamber at sta.4+625	02/28/15	02/28/15	02/28/15	0	A
	IR-13-00016-SHT-753-A	Inspection for casting concrete for roof slab of 6"A.R.V chamber (C-905A) at sta.4+993	02/28/15	02/28/15	02/28/15	0	A
	IR-13-00016-SHT-754-A	Inspection for the field compaction test along Al Nabi Younis 4"from sta.0+220 to sta.0+500	02/28/15	02/28/15	02/28/15	0	A
	IR-13-00016-SHT-755-A	Inspection for spraying MC and applying first layer asphalt wearing course 5 cm thick from sta.0+220 to sta.0+500 - Al Nabi Younis 4" pipeline.	02/28/15	02/28/15	02/28/15	0	A
	IR-13-00016-SHT-756-A	Inspection for steel work for the slab from sta.7+375 to sta.7+390	02/28/15	02/28/15	02/28/15	0	A
	IR-13-00016-SHT-757-A	Inspection for casting concrete for retaining wall foundation from sta.3+420 to sta.3+452	02/28/15	02/28/15	02/28/15	0	A

DV = Division A= No Exceptions Noted B = Make Corrections Noted C = Amend-Resubmit D= Rejected-Resubmit E= Review Not Required

F | Submittals Log for the Reporting Period

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SUBMITTAL					TRACKING DATES				
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	SUB-13-00016-SHT-001-A	Schedule for Pre Construction Submittals & Mobilization	SHT	P	11/10/13	12/10/13	11/20/13	10	E
	SUB-13-00016-SHT-002-A	Bank Guarantee	SHT	P	11/10/13	12/10/13	11/19/13	9	E
	SUB-13-00016-SHT-003-A	Field Offices Furniture and Equipment Plan	SHT	P	11/13/13	12/13/13	11/20/13	7	C
	SUB-13-00016-SHT-003-B	Field Offices Furniture and Equipment Plan	SHT	P	11/26/13	12/26/13	12/01/13	5	B
	SUB-13-00016-SHT-004-A	CMC Field Office Location and Layout -Primary Office (Halhul)	SHT	P	11/13/13	12/13/13	11/27/13	14	B
	SUB-13-00016-SHT-005-A	Scheduling Qualification Submittal	SHT	P	11/17/13	12/17/13	11/20/13	3	A
	SUB-13-00016-SHT-006-A	Temporary and Permanent Signs Plan	SHT	P	11/17/13	12/17/13	11/19/13	2	B
	SUB-13-00016-SHT-007-A	60-Day Plan of Operation	SHT	P	11/17/13	12/17/13	11/27/13	10	B
	SUB-13-00016-SHT-008-A	Project Overview Bar Chart and Master Plan	SHT	P	11/17/13	12/17/13	11/27/13	10	B
	SUB-13-00016-SHT-009-A	Submittal Schedule	SHT	P	11/17/13	12/17/13	12/04/13	17	C
	SUB-13-00016-SHT-009-B	Submittal Schedule	SHT	P	12/22/13	01/21/14	12/31/13	9	C
	SUB-13-00016-SHT-009-C	Submittal Schedule	SHT	P	01/14/14	02/13/14	01/16/14	2	B
	SUB-13-00016-SHT-010-A	Testing Labs	SHT	P	11/20/13	12/20/13	12/01/13	11	B
	SUB-13-00016-SHT-011-A	Survey Plan from Sta.0+000 to Sta.2+700	SHT	P	11/21/13	12/21/13	12/03/13	12	C
	SUB-13-00016-SHT-011-B	Survey Plan from Sta.0+000 to Sta.2+700	SHT	P	02/03/14	03/05/14	02/09/14	6	B
	SUB-13-00016-SHT-012-A	Coordination with Local Authorities Plan and Lists of Permits and Licenses	SHT	P	11/26/13	12/26/13	12/01/13	5	B
	SUB-13-00016-SHT-013-A	Cat Eyes-Iriflix Ltd.-item No.5.02.b	SHT	M	11/28/13	12/28/13	12/09/13	11	B
	SUB-13-00016-SHT-014-A	High Performance Thermoplastic Road Markings- Prismo Road Markings Ltd. T/A Ennis-item No. 5.02-a	SHT	M	11/28/13	12/28/13	12/09/13	11	B
	SUB-13-00016-SHT-015-A	Steel Pipe & Fittings-760 mm,300 mm, 250 mm, 200mm ,150 mm ,100 mm,75 mm and 50 mm pipes-AVROT Industries Ltd.-item No.D2- 2.1	SHT	M	11/28/13	12/28/13	12/03/13	5	C
	SUB-13-00016-SHT-015-B	Steel Pipe & Fittings-760 mm,300 mm, 250 mm, 200mm ,150 mm ,100 mm,75 mm and 50 mm pipes-AVROT Industries Ltd.-item No.D2- 2.1	SHT	M	01/21/14	02/20/14	01/23/14	2	E
	SUB-13-00016-SHT-016-A	Steel Pipe & Fittings-760 mm,300 mm, 250 mm, 200mm ,150 mm ,100 mm,75 mm and 50 mm pipes-Borursan Mannesmann Co-item No.D2- 2.1	SHT	M	11/28/13	12/28/13	12/03/13	5	C
	SUB-13-00016-SHT-016-B	Steel Pipe & Fittings-760 mm,300 mm, 250 mm, 200mm ,150 mm ,100 mm,75 mm and 50 mm pipes-Borursan Mannesmann Co-item No.D2- 2.1	SHT	M	01/21/14	02/20/14	01/23/14	2	E
	SUB-13-00016-SHT-017-A	Steel Pipe & Fittings-760 mm,300 mm, 250 mm, 200mm ,150 mm ,100 mm,75 mm and 50 mm pipes-Middle East Tube Company Ltd.	SHT	M	11/28/13	12/28/13	12/03/13	5	C
	SUB-13-00016-SHT-017-B	Steel Pipe & Fittings-300 mm, 250 mm, 200mm ,150 mm ,100 mm, and 75 mm pipes-Middle East Tube Company Ltd.	SHT	M	12/25/13	01/24/14	01/05/14	11	B
	SUB-13-00016-SHT-018-A	Steel Pipe & Fittings-300 mm, 250 mm, 200mm ,150 mm ,100 mm,75 mm and 50 mm pipes-Future Iron Pipes-item No.D2- 2.1	SHT	M	11/28/13	12/28/13	12/03/13	5	C
	SUB-13-00016-SHT-018-B	Steel Pipe & Fittings-300 mm, 250 mm, 200mm ,150 mm ,100 mm,75 mm and 50 mm pipes-Future Iron Pipes-item No.D2- 2.1	SHT	M	02/03/14	03/05/14	02/04/14	1	E
	SUB-13-00016-SHT-019-A	Field Offices Furniture and Equipment Plan Amendment (For Submittal No.: SUB-13-00016-SHT-003-B)	SHT	P	12/02/13	01/01/14	12/03/13	1	A
	SUB-13-00016-SHT-020-A	Construction Schedule	SHT	P	12/03/13	01/02/14	12/30/13	27	C

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	SUB-13-00016-SHT-020-B	Original CPM Construction Schedule	SHT	P	01/14/14	02/13/14	01/26/14	12	C
	SUB-13-00016-SHT-020-C	Original CPM Construction Schedule	SHT	P	03/05/14	04/04/14	03/11/14	6	A
	SUB-13-00016-SHT-021-A	Butterfly Valve-Raphael/ PN 16-items No. 4.3.1 ,4.2.5,4.26 and 4.62	SHT	M	12/04/13	01/03/14	12/18/13	14	C
	SUB-13-00016-SHT-021-B	Butterfly Valve-Raphael/ PN 16-items No. 4.3.1 ,4.2.5,4.2.6 and 4.6.2	SHT	M	01/20/14	02/19/14	01/26/14	6	B
	SUB-13-00016-SHT-022-A	Gate Valves -Raphael -TRL-items No. 4.1.1,2,3,4 / items No. 4.2.1,2,3,4,5,8 /items No. 4.4.1,2,3,4,5,6,7 / items No. 4.6.3,4,5	SHT	M	12/04/13	01/03/14	12/18/13	14	C
	SUB-13-00016-SHT-022-B	Gate Valves -Raphael -TRL-items No. 4.1.1,2,3,4 / items No. 4.2.1,2,3,4,5,8 /items No. 4.4.1,2,3,4,5,6,7 / items No. 4.6.3,4,5	SHT	M	12/25/13	01/24/14	01/02/14	8	C
	SUB-13-00016-SHT-022-C	Gate Valves Raphael Valves Industries- TMS-items No. 4.1.1,2,3,4 / items No. 4.2.1,2,3,4,5,8 /items No. 4.4.1,2,3,4,5,6 / items No. 4.6..1,2,3,4	SHT	M	01/16/14	02/15/14	01/26/14	10	B
	SUB-13-00016-SHT-023-A	Butterfly Valve-Vanessa - PN 25-items No. 4.2.1 ,4.2.7 and 4.6.1	SHT	M	12/04/13	01/03/14	12/18/13	14	C
	SUB-13-00016-SHT-023-B	Butterfly Valve-Vanessa - PN 25-items No. 4.2.1 ,4.2.7 and 4.6.1	SHT	M	12/25/13	01/24/14	12/31/13	6	C
	SUB-13-00016-SHT-023-C	Butterfly Valve-Vanessa - PN 25-items No. 4.2.1 ,4.2.7 and 4.6.1	SHT	M	01/21/14	02/20/14	01/30/14	9	B
	SUB-13-00016-SHT-024-A	Combination Air Valve-A.I.R.-PN 16-25 -items No. 4.2.1,2,3,4,5,6,7and 8 / items No. 4.4.5,6 and 7	SHT	M	12/05/13	01/04/14	12/18/13	13	C
	SUB-13-00016-SHT-024-B	Combination Air Valve-A.I.R.-PN 16-25 -items No. 4.2.1,2,3,4,5,6,7and 8 / items No. 4.4.5,6 and 7	SHT	M	12/29/13	01/28/14	12/31/13	2	C
	SUB-13-00016-SHT-024-C	Combination Air Valve-A.I.R.-PN 16-25 -items No. 4.2.1,2,3,5,6,7and 8 / items No. 4.4.5,6 and 7	SHT	M	01/20/14	02/19/14	01/30/14	10	B
	SUB-13-00016-SHT-025-A	Air Vent-DN 25-PN16-A.R.I -item No.4.2.4	SHT	M	12/05/13	01/04/14	12/18/13	13	C
	SUB-13-00016-SHT-025-B	Air Vent-DN 25-PN16-A.R.I -item No.4.2.4	SHT	M	12/25/13	01/24/14	12/31/13	6	C
	SUB-13-00016-SHT-025-C	Air Vent-DN 25-PN16-A.R.I -item No.4.2.4	SHT	M	01/20/14	02/19/14	01/30/14	10	B
	SUB-13-00016-SHT-026-A	Combination Air Valve-Non Slam-PN 16-25-A.I.R. -items No. 4.4.1,2,3,4	SHT	M	12/05/13	01/04/14	12/18/13	13	C
	SUB-13-00016-SHT-026-B	Combination Air Valve-Non Slam-PN 16-25-A.I.R. -items No. 4.4.1,2,3,4	SHT	M	12/29/13	01/28/14	12/31/13	2	C
	SUB-13-00016-SHT-026-C	Combination Air Valve-Non Slam-PN 16-25-A.I.R. -items No. 4.4.1,2,3,4	SHT	M	01/20/14	02/19/14	01/30/14	10	C
	SUB-13-00016-SHT-026-D	Combination Air Valve-Non Slam-PN 16-25-A.I.R. -items No. 4.4.1,2,3,4	SHT	M	04/13/14	05/13/14	04/14/14	1	B
	SUB-13-00016-SHT-027-A	Dismantling Joint -UNIJOINT-PN 16-25-items No.4.1.1,2,3,4 -items No. 4.4.1,2,3,4,5,6,7 and items No. 4.6.1,2,3,4,5	SHT	M	12/05/13	01/04/14	12/18/13	13	C
	SUB-13-00016-SHT-027-B	Dismantling Joint -UNIJOINT-PN 16-25-items No.4.1.1,2,3,4 -items No. 4.4.1,2,3,4,5,6,7 and items No. 4.6.1,2,3,4,5	SHT	M	12/25/13	01/24/14	12/31/13	6	B
	SUB-13-00016-SHT-028-A	Survey Plan from Sta.2+700 to Sta.6+000	SHT	P	12/19/13	01/18/14	12/31/13	12	B
	SUB-13-00016-SHT-029-A	Survey Plan from Sta.6+000 to Sta.7+650	SHT	P	12/19/13	01/18/14	12/31/13	12	B
	SUB-13-00016-SHT-030-A	Ball Valves /Tyco /BOQ item No. 4.2.4, 4.2.5, 4.2.6, 4.2.7, 4.2.8	SHT	M	12/19/13	01/18/14	12/31/13	12	C
	SUB-13-00016-SHT-030-B	Ball Valves /Tyco /BOQ item No. 4.2.4, 4.2.5, 4.2.6, 4.2.7, 4.2.8	SHT	M	01/14/14	02/13/14	01/16/14	2	B
	SUB-13-00016-SHT-031-A	Check Valve_ DN600 PN16-A.R.I_ item No. 4.2.6	SHT	M	12/19/13	01/18/14	12/30/13	11	C
	SUB-13-00016-SHT-031-B	Check Valve_ DN600 PN16-A.R.I_ item No. 4.2.6	SHT	M	04/15/14	05/15/14	04/17/14	2	B
	SUB-13-00016-SHT-032-A	Flow Control Valve_ BERMAD_ items 4.2.2,3,4 &5	SHT	M	12/19/13	01/18/14	12/31/13	12	C

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	SUB-13-00016-SHT-032-B	Flow Control Valve_ BERMAD_ items 4.2.2,3,4 &5	SHT	M	02/09/14	03/11/14	02/16/14	7	B
	SUB-13-00016-SHT-033-A	Pressure Relief Valve_ BERMAD_ items 4.2.2	SHT	M	12/19/13	01/18/14	12/31/13	12	B
	SUB-13-00016-SHT-034-A	Pressure Reducing Valve-BERMAD-items 4.2.2,3	SHT	M	12/19/13	01/18/14	12/31/13	12	C
	SUB-13-00016-SHT-034-B	Pressure Reducing Valve-BERMAD-items 4.2.2,3	SHT	M	02/09/14	03/11/14	02/13/14	4	B
	SUB-13-00016-SHT-035-A	Strainer PN16 & PN25-BERMAD-item No. 4.2.2, 4.2.3, 4.2.4, 4.2.5, 4.2.6, 4.2.7	SHT	M	12/19/13	01/18/14	12/30/13	11	C
	SUB-13-00016-SHT-035-B	Strainer PN16 & PN25-BERMAD-item No. 4.2.2, 4.2.3, 4.2.4, 4.2.5, 4.2.6, 4.2.7	SHT	M	01/26/14	02/25/14	01/30/14	4	B
	SUB-13-00016-SHT-036-A	Contractors all Risk, General Liability Insurance & Workers Compensation Insurance	SHT	P	12/23/13	01/22/14	01/07/14	15	E
	SUB-13-00016-SHT-037-A	Branding Plan	SHT	P	12/25/13	01/24/14	01/07/14	13	E
	SUB-13-00016-SHT-038-A	Quality Control Program (QCP)	SHT	P	12/25/13	01/24/14	01/08/14	14	B
	SUB-13-00016-SHT-039-A	Curbstone Marking Paint - Tambour - BOQ item No. 4.07	SHT	M	12/25/13	01/24/14	01/08/14	14	B
	SUB-13-00016-SHT-040-A	Concrete Mix Design - Al Abed Company - BOQ item No. 4.04	SHT	M	12/25/13	01/24/14	01/07/14	13	B
	SUB-13-00016-SHT-041-A	Asphalt Wearing JMF- BOQ Item No. 3.03	SHT	M	12/25/13	01/24/14	01/08/14	14	B
	SUB-13-00016-SHT-042-A	Safety Plan	SHT	P	12/25/13	01/24/14	12/31/13	6	C
	SUB-13-00016-SHT-042-B	Safety Plan	SHT	P	01/12/14	02/11/14	01/14/14	2	B
	SUB-13-00016-SHT-043-A	Security System	SHT	P	12/29/13	01/28/14	01/05/14	7	C
	SUB-13-00016-SHT-043-B	Security System	SHT	P	01/16/14	02/15/14	01/16/14	0	B
	SUB-13-00016-SHT-044-A	Method Statement	SHT	P	12/29/13	01/28/14	01/20/14	22	C
	SUB-13-00016-SHT-044-B	Method Statement	SHT	P	01/26/14	02/25/14	02/06/14	11	B
	SUB-13-00016-SHT-045-A	Traffic Control Plan from Sta.7+090 to Sta.7+500 LHS New Boulder Works	SHT	P	12/29/13	01/28/14	01/08/14	10	B
	SUB-13-00016-SHT-046-A	Guardrail ESP4-N2-PRINS DOKKUM-SHT-item 5.03.a	SHT	M	12/30/13	01/29/14	01/06/14	7	B
	SUB-13-00016-SHT-047-A	Storm Drainage RC pipes -PCP Co-item 4.01	SHT	M	12/30/13	01/29/14	01/06/14	7	C
	SUB-13-00016-SHT-047-B	Storm Drainage RC pipes -PCP Co-item 4.01	SHT	M	02/09/15	03/11/15	02/09/15	0	E
	SUB-13-00016-SHT-048-A	Pre Cast Concrete Curbstone-Wolfman Co-item 4.07	SHT	M	12/30/13	01/29/14	01/06/14	7	A
	SUB-13-00016-SHT-049-A	Subcontracting Plan	SHT	P	12/30/13	01/29/14	01/05/14	6	C
	SUB-13-00016-SHT-049-B	Subcontracting Plan	SHT	P	04/30/14	05/30/14	05/05/14	5	E
	SUB-13-00016-SHT-050-A	Key Personnel	SHT	P	12/30/13	01/29/14	12/31/13	1	E
	SUB-13-00016-SHT-051-A	Dilapidation Survey - Phase 01- From St. 0+700 to St. 4+400 and From St. 6+230 to St. 11+460 End of Project	SHT	P	01/02/14	02/01/14	01/07/14	5	C
	SUB-13-00016-SHT-051-B	Dilapidation Survey - Phase 01- From St. 0+700 to St. 4+400 and From St. 6+230 to St. 11+460 End of Project	SHT	P	01/21/14	02/20/14	01/22/14	1	B
	SUB-13-00016-SHT-052-A	Deir_Shaar_ Flanges_ ANSI ASME B 16.5 and DIN_ISO Flanges	SHT	M	01/05/14	02/04/14	01/07/14	2	C
	SUB-13-00016-SHT-052-B	Flanges-ANSI and ISO/DIN Flanges	SHT	M	02/02/14	03/04/14	02/04/14	2	B

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	SUB-13-00016-SHT-053-A	FIP Dier Shaar_Fittings &heat shrinkable sheet	SHT	M	01/05/14	02/04/14	01/09/14	4	C
	SUB-13-00016-SHT-053-B	FIP Dier Shaar_Fittings &heat shrinkable sheet	SHT	M	02/03/14	03/05/14	02/04/14	1	E
	SUB-13-00016-SHT-054-A	Traffic signs material_ Netivey Hamifratz/Top Safety _item 5.01	SHT	M	01/05/14	02/04/14	01/08/14	3	B
	SUB-13-00016-SHT-055-A	Shop Drawings: Main Pipeline Plan ,Profile and Typical Section from Sta.6+780 to Sta.7+500	SHT	S	01/07/14	02/06/14	01/13/14	6	C
	SUB-13-00016-SHT-055-B	Shop Drawings: Main Pipeline Plan ,Profile and Typical Section from Sta.6+780 to Sta.7+500	SHT	S	01/21/14	02/20/14	02/03/14	13	C
	SUB-13-00016-SHT-055-C	Shop Drawings: Main Pipeline Plan ,Profile and Typical Section from Sta.6+780 to Sta.7+500	SHT	S	02/13/14	03/15/14	03/03/14	18	B
	SUB-13-00016-SHT-056-A	Gate Valve 50mm PN 16- TRL- Raphael Valves Industry-item 4.2.4, 4.4.7 and 4.6.5	SHT	M	01/16/14	02/15/14	01/23/14	7	B
	SUB-13-00016-SHT-057-A	Middle East_Deir_Shaar_ 30" Pipes-item No.2.1	SHT	M	01/23/14	02/22/14	01/28/14	5	B
	SUB-13-00016-SHT-058-A	Avrot Pipe Fittings_up to 12 inch	SHT	M	01/16/14	02/15/14	01/23/14	7	C
	SUB-13-00016-SHT-058-B	Avrot Pipe Fittings	SHT	M	02/03/14	03/05/14	02/09/14	6	B
	SUB-13-00016-SHT-059-A	Shop Drawings: Road: Retaining Wall from Sta.7+093 to Sta.7+220 LHS	SHT	S	01/16/14	02/15/14	01/23/14	7	B
	SUB-13-00016-SHT-059-A	Shop Drawings: Road: Retaining Wall from Sta.7+093 to Sta.7+220 LHS-For Engineering Record- per SM-13-00016-SHT-E-C-003	SHT	S	01/26/14	02/25/14	01/29/14	3	B
	SUB-13-00016-SHT-060-A	Proposed Staging and Storage area location	SHT	P	01/20/14	02/19/14	01/23/14	3	B
	SUB-13-00016-SHT-061-A	Dilapidation Survey - Phase 02- From St. 0+000 to St.0+700 and From St. 4+400 to St. 6+200.	SHT	P	01/20/14	02/19/14	01/22/14	2	B
	SUB-13-00016-SHT-062-A	Shop Drawings: Road Construction: Plan ,Profile and Cross Section from Sta. 6+850 to Sta.7+520	SHT	S	01/26/14	02/25/14	02/18/14	23	B
	SUB-13-00016-SHT-062-B	Shop Drawings: Road Construction: Plan ,Profile and Cross Section from Sta. 6+850 to Sta.7+520 -As per Municipality new right of way	SHT	S	03/11/14	04/10/14	03/17/14	6	B
	SUB-13-00016-SHT-063-A	Welding Procedure for 3”-12”	SHT	P	01/22/14	02/21/14	01/26/14	4	C
	SUB-13-00016-SHT-063-B	Welding Procedure for 3”-12”	SHT	P	03/16/14	04/15/14	03/26/14	10	B
	SUB-13-00016-SHT-064-A	Risk Management Program - Phase 01- From St. 0+000 to St.2+700 and From St. 6+800 to St. 7+515	SHT	P	01/23/14	02/22/14	01/30/14	7	B
	SUB-13-00016-SHT-065-A	Environmental Mitigation Plan	SHT	P	01/23/14	02/22/14	02/02/14	10	B
	SUB-13-00016-SHT-066-A	Traffic Control Plan from Sta.0+000 to Sta.2+374 -Deir Shaar Main pipeline Beit Ummar 8 inch pipe	SHT	P	01/23/14	02/22/14	02/03/14	11	C
	SUB-13-00016-SHT-066-B	Traffic Control Plan from Sta.0+000 to Sta.2+374 -Deir Sha’ar distribution pipeline 8” pipe in Beit Ummar town	SHT	P	02/09/14	03/11/14	02/13/14	4	C
	SUB-13-00016-SHT-066-C	Traffic Control Plan from Sta.0+000 to Sta.2+374 -Deir Sha’ar distribution pipeline 8” pipe in Beit Ummar town	SHT	P	02/24/14	03/26/14	03/02/14	6	B
	SUB-13-00016-SHT-067-A	Proposed Welders for welders qualification test - CVs	SHT	P	01/26/14	02/25/14	02/02/14	7	C
	SUB-13-00016-SHT-067-B	Proposed Welders for welders qualification test - CVs	SHT	P	05/11/14	06/10/14	05/12/14	1	E

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	SUB-13-00016-SHT-068-A	Third party testing lab -Arc-Eyes	SHT	P	01/26/14	02/25/14	01/30/14	4	B
	SUB-13-00016-SHT-069-A	Shop Drawings: Formwork Design for Retaining Work	SHT	S	01/26/14	02/25/14	01/29/14	3	B
	SUB-13-00016-SHT-070-A	Storage and fabrication yard layout	SHT	P	01/26/14	02/25/14	01/30/14	4	C
	SUB-13-00016-SHT-070-B	Storage and fabrication yard layout	SHT	P	02/19/14	03/21/14	02/20/14	1	B
	SUB-13-00016-SHT-071-A	Survey Plan from Sta.7+093 to Sta.7+220	SHT	P	01/26/14	02/25/14	02/03/14	8	B
	SUB-13-00016-SHT-072-A	Proposed Dumping area	SHT	P	01/26/14	02/25/14	01/30/14	4	B
	SUB-13-00016-SHT-073-A	Public Relation Plan	SHT	P	01/27/14	02/26/14	01/29/14	2	E
	SUB-13-00016-SHT-074-A	Shop Drawings: Retaining Wall from Sta.7+389 to Sta.7+419.5 LHS and from Sta.7+441 to Sta.7+505 LHS	SHT	S	01/28/14	02/27/14	02/10/14	13	C
	SUB-13-00016-SHT-074-B	Shop Drawings: Retaining Wall from Sta.7+389 to Sta.7+419.5 LHS and from Sta.7+441 to Sta.7+505 LHS	SHT	S	02/24/14	03/26/14	03/05/14	9	C
	SUB-13-00016-SHT-074-C	Shop Drawings: Retaining Wall from Sta.7+389 to Sta.7+419.5 LHS and from Sta.7+441 to Sta.7+505 LHS	SHT	S	03/16/14	04/15/14	03/17/14	1	B
	SUB-13-00016-SHT-074-C	Shop Drawings: Retaining Wall from Sta.7+389 to Sta.7+419.5 LHS and from Sta.7+441 to Sta.7+505 LHS -For Engineering Record	SHT	S	04/07/14	05/07/14	04/10/14	3	B
	SUB-13-00016-SHT-075-A	Flanged Coupling Adaptor- UniJoint-item No. 4.2.1,3,4,5,6,7,8 and 4.3.1	SHT	M	01/29/14	02/28/14	02/04/14	6	D
	SUB-13-00016-SHT-075-B	Flanged Coupling Adaptor- UniJoint-item No. 4.2.1,3,4,5,6,7,8 and 4.3.1	SHT	M	03/27/14	04/26/14	03/27/14	0	E
	SUB-13-00016-SHT-076-A	Bitumen Protective Coating Material for Concrete Surface in Contact with Soil-Nitoproof 15	SHT	M	01/29/14	02/28/14	02/03/14	5	C
	SUB-13-00016-SHT-076-B	Bitumen Protective Coating Material for Concrete Surface in Contact with Soil-Nitoproof 15	SHT	M	02/23/14	03/25/14	02/24/14	1	E
	SUB-13-00016-SHT-077-A	Source approval test for base course_ Al Taweel_ item 2.01	SHT	M	01/29/14	02/28/14	02/04/14	6	B
	SUB-13-00016-SHT-078-A	High Tensile Steel Bar_ item 4.04.e	SHT	M	02/02/14	03/04/14	02/03/14	1	B
	SUB-13-00016-SHT-079-A	Elecometer 266 Holiday detector	SHT	M	02/03/14	03/05/14	02/03/14	0	E
	SUB-13-00016-SHT-080-A	Shop Drawings: Road Construction: Plan , Profile and Cross Section from Sta.0+000 to Sta.1+200	SHT	S	02/03/14	03/05/14	02/13/14	10	B
	SUB-13-00016-SHT-081-A	Field Offices Furniture and Equipment Plan Amendment (For Submittal No.: SUB-13-00016-SHT-003-B)	SHT	P	02/05/14	03/07/14	02/09/14	4	A
	SUB-13-00016-SHT-082-A	Geotechnical Report for Retaining Wall from St. 7+200 to St. 7+220	SHT	P	02/13/14	03/15/14	02/24/14	11	C
	SUB-13-00016-SHT-082-B	Geotechnical Report for Retaining Wall from St. 7+200 to St. 7+220	SHT	P	03/11/14	04/10/14	03/24/14	13	E
	SUB-13-00016-SHT-083-A	Pipes Marking - 8" Steel pipes.	SHT	M	02/09/14	03/11/14	02/13/14	4	B
	SUB-13-00016-SHT-084-A	Mill Certificate and testing reports for 8 inch steel pipe	SHT	M	02/09/14	03/11/14	02/12/14	3	A
	SUB-13-00016-SHT-085-A	Shop Drawings: Plan, Profile and Cross Section from Sta.0+000 to Sta.2+295-Beit Ummar Water Distribution Network	SHT	S	02/12/14	03/14/14	02/18/14	6	B
	SUB-13-00016-SHT-086-A	Bedding material somson aggregates_Al Taweel Co.	SHT	M	02/12/14	03/14/14	02/13/14	1	B
	SUB-13-00016-SHT-087-A	Specific Confined Space Safety Plan	SHT	P	02/16/14	03/18/14	02/17/14	1	B
	SUB-13-00016-SHT-088-A	Excavation and Trenching Safety Plan	SHT	P	02/16/14	03/18/14	02/17/14	1	B

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	SUB-13-00016-SHT-089-A	Concrete Repairing Materials	SHT	M	02/16/14	03/18/14	02/18/14	2	B
	SUB-13-00016-SHT-090-A	Form Release agent-BOQ item No. 1.2.b-3	SHT	M	02/16/14	03/18/14	02/18/14	2	A
	SUB-13-00016-SHT-091-A	Form Ties-BOQ item No. 2.3	SHT	M	02/16/14	03/18/14	02/18/14	2	B
	SUB-13-00016-SHT-092-A	Form Chamfers -BOQ item No. 2.2-b	SHT	M	02/16/14	03/18/14	02/18/14	2	B
	SUB-13-00016-SHT-093-A	Shop Drawing- Road Works- Plan, Profile and Cross Sections from Sta. 2+780 to Sta. 3+900	SHT	S	02/17/14	03/19/14	03/05/14	16	C
	SUB-13-00016-SHT-093-B	Shop Drawing- Road Works- Plan, Profile and Cross Sections from Sta. 2+780 to Sta. 3+900	SHT	S	03/11/14	04/10/14	03/17/14	6	B
	SUB-13-00016-SHT-093-B	Shop Drawing- Road Works- Plan, Profile and Cross Sections from Sta. 2+780 to Sta. 3+900-For Engineering Record	SHT	S	03/20/14	04/19/14	03/31/14	11	B
	SUB-13-00016-SHT-093-C	Shop Drawing- Road Works- Plan, Profile and Cross Sections from Sta. 2+780 to Sta. 3+900-According to Site Memo No. : SM-13-00016-SHT-E-C-035	SHT	S	11/18/14	12/18/14	11/27/14	9	B
	SUB-13-00016-SHT-094-A	Identification tape for water pipe line	SHT	M	02/18/14	03/20/14	02/20/14	2	C
	SUB-13-00016-SHT-094-B	Identification tape for water pipe line	SHT	M	02/27/14	03/29/14	03/02/14	3	B
	SUB-13-00016-SHT-095-A	Shop Drawings: Water 4" : Plan , Profile and Typical Section from Sta.0+000 to Sta.0+790 - Al Nabi Younis Water Pipeline	SHT	S	11/19/14	12/19/14	11/26/14	7	B
	SUB-13-00016-SHT-096-A	Heat Shrinkable Sleeve &Tape (CANUSA) for steel pipes-BOQ items No. 2.2.1,2,3,4,5,6,7	SHT	M	02/18/14	03/20/14	02/24/14	6	B
	SUB-13-00016-SHT-097-A	Galvanized Malleable Iron Fittings up to 2”- Modgal	SHT	M	02/18/14	03/20/14	02/20/14	2	B
	SUB-13-00016-SHT-098-A	Single size backfilling material_Al Taweel Co.	SHT	M	02/20/14	03/22/14	02/24/14	4	B
	SUB-13-00016-SHT-099-A	Damp proofing	SHT	M	02/20/14	03/22/14	02/24/14	4	B
	SUB-13-00016-SHT-100-A	Pipe Cement Lining Repair- NITOCOTE CM 210	SHT	M	02/20/14	03/22/14	02/24/14	4	B
	SUB-13-00016-SHT-101-A	3 inch Procedure Qualification Record (PQR)	SHT	P	02/20/14	03/22/14	02/24/14	4	B
	SUB-13-00016-SHT-102-A	Flange Gaskets_Klinger	SHT	M	02/23/14	03/25/14	02/24/14	1	C
	SUB-13-00016-SHT-102-B	Flange Gaskets_Klinger	SHT	M	03/09/14	04/08/14	03/09/14	0	C
	SUB-13-00016-SHT-102-C	Flange Gaskets_Klinger	SHT	M	03/16/14	04/15/14	03/20/14	4	B
	SUB-13-00016-SHT-103-A	Traffic Control Plan -Phase I -from Sta.0+000 to Sta.2+800-Deir Sha’ar Water Transmission Project	SHT	P	02/24/14	03/26/14	02/27/14	3	B
	SUB-13-00016-SHT-104-A	Shop Drawings :Water : Plan ,Profile and Cross Section from Sta.0+000 to Sta.1+200 -Deer Sha'ar Main Pipeline	SHT	S	02/24/14	03/26/14	02/27/14	3	C
	SUB-13-00016-SHT-104-B	Shop Drawings :Water : Plan ,Profile and Typical Section from Sta.0+000 to Sta.1+200 -Deer Sha'ar Main Pipeline	SHT	S	03/16/14	04/15/14	03/30/14	14	B
	SUB-13-00016-SHT-105-A	Spacers Material Sample	SHT	M	02/23/14	03/25/14	02/27/14	4	A
	SUB-13-00016-SHT-106-A	Non-shrink cementations mortar - Fosroc	SHT	M	02/25/14	03/27/14	03/05/14	8	B
	SUB-13-00016-SHT-107-A	4" PVC Weep Pipe Sample-_Royal Company	SHT	M	02/26/14	03/28/14	03/02/14	4	A
	SUB-13-00016-SHT-108-A	Protection Board Sample-Abdeen Company	SHT	M	02/26/14	03/28/14	03/03/14	5	A

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	SUB-13-00016-SHT-109-A	Specific Method Statement -Pipeline Installation ,welding procedure and Testing (Hydrostatic, Disinfection /Flushing) -760 mm steel pipe	SHT	P	03/03/14	04/02/14	03/18/14	15	C
	SUB-13-00016-SHT-109-B	Specific Method Statement -Pipeline Installation and welding procedure	SHT	P	05/11/14	06/10/14	05/12/14	1	B
	SUB-13-00016-SHT-110-A	Radiographic Testing Safety Plan	SHT	P	03/03/14	04/02/14	03/09/14	6	C
	SUB-13-00016-SHT-110-B	Radiographic Testing Safety Plan	SHT	P	03/13/14	04/12/14	03/27/14	14	B
	SUB-13-00016-SHT-111-A	8" Water steel pipe work installation -Method of Statement	SHT	P	03/31/14	04/30/14	04/08/14	8	B
	SUB-13-00016-SHT-112-A	8"-12" Procedure Qualification Record (PQR)	SHT	P	03/05/14	04/04/14	03/13/14	8	C
	SUB-13-00016-SHT-112-B	8"-12" Procedure Qualification Record (PQR)	SHT	P	03/24/14	04/23/14	03/27/14	3	E
	SUB-13-00016-SHT-113-A	Certificate for Welder –Fadi Shuebeha	SHT	P	03/05/14	04/04/14	03/13/14	8	A
	SUB-13-00016-SHT-114-A	Shop Drawings: Road Construction: Plan , Profile and Cross Section from Sta.1+200 to Sta.2+780	SHT	S	03/09/14	04/08/14	03/13/14	4	C
	SUB-13-00016-SHT-114-B	Shop Drawings: Road Construction: Plan , Profile and Cross Section from Sta.1+200 to Sta.2+780	SHT	S	03/15/14	04/14/14	03/17/14	2	B
	SUB-13-00016-SHT-115-A	Specific Method Statement -3" To 12" Pipeline Installation ,welding procedure and Testing (Hydrostatic, Disinfection /Flushing)	SHT	P	03/16/14	04/15/14	04/02/14	17	B
	SUB-13-00016-SHT-116-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. -0+035.5 to St. 0+140.42	SHT	S	12/08/14	01/07/15	12/22/14	14	B
	SUB-13-00016-SHT-117-A	Mitered Bends Schedule and fabrication -8" Beit Ummar Local Network	SHT	M	03/23/14	04/22/14	03/30/14	7	B
	SUB-13-00016-SHT-118-A	Finish paint for exposed pipes/fittings and pipes/fittings inside chambers_ FOSROC Nitocote EP405	SHT	M	03/13/14	04/12/14	03/20/14	7	C
	SUB-13-00016-SHT-118-B	Finish paint for exposed pipes/fittings and pipes/fittings inside chambers_ FOSROC_Nitocote EP405	SHT	M	03/24/14	04/23/14	03/27/14	3	B
	SUB-13-00016-SHT-119-A	Shop Drawing: Retaining Wall from Sta.7+220 to Sta.7+376 LHS	SHT	S	03/19/14	04/18/14	03/27/14	8	C
	SUB-13-00016-SHT-119-B	Shop Drawing: Retaining Wall from Sta.7+220 to Sta.7+376 LHS	SHT	S	04/02/14	05/02/14	04/10/14	8	C
	SUB-13-00016-SHT-119-C	Shop Drawing: Retaining Wall from Sta.7+220 to Sta.7+376 LHS	SHT	S	04/12/14	05/12/14	04/15/14	3	B
	SUB-13-00016-SHT-120-A	Radiographic Testing (RT) Method Statement	SHT	P	03/15/14	04/14/14	03/20/14	5	B
	SUB-13-00016-SHT-121-A	Dilapidation Survey -Al-Aroub Connection 4" & 6"	SHT	P	03/30/14	04/29/14	04/02/14	3	B
	SUB-13-00016-SHT-122-A	Shop Drawings: Retaining Wall from Sta.7+375 to Sta.7+390 LHS	SHT	S	11/18/14	12/18/14	11/24/14	6	B
	SUB-13-00016-SHT-122-B	Shop Drawings: Retaining Wall from Sta.7+375 to Sta.7+390 LHS - For Engineering Record	SHT	S	12/01/14	12/31/14	12/07/14	6	B
	SUB-13-00016-SHT-123-A	Steel ASTM A 53-Gr B , ERW Welded Pipes- Toscelik /Tzinorot.	SHT	M	03/16/14	04/15/14	03/20/14	4	C
	SUB-13-00016-SHT-123-B	Steel ASTM A 53-Gr B , ERW Welded Pipes- Toscelik /Tzinorot.	SHT	M	04/03/14	05/03/14	04/07/14	4	B
	SUB-13-00016-SHT-124-A	Dilapidation Survey -Beit Ummar 8" Network	SHT	P	03/18/14	04/17/14	03/19/14	1	B
	SUB-13-00016-SHT-125-A	Risk Management Program - Beit Ummar 8" Network	SHT	P	03/18/14	04/17/14	03/19/14	1	B

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	SUB-13-00016-SHT-126-A	Dismantling Joint- Viking Johnson	SHT	M	03/18/14	04/17/14	03/27/14	9	C
	SUB-13-00016-SHT-126-B	Dismantling Joint- Viking Johnson	SHT	M	04/19/14	05/19/14	05/05/14	16	C
	SUB-13-00016-SHT-126-C	Dismantling Joint- Viking Johnson	SHT	M	07/13/14	08/12/14	07/14/14	1	E
	SUB-13-00016-SHT-127-A	Joint Filler Material	SHT	M	03/19/14	04/18/14	03/23/14	4	B
	SUB-13-00016-SHT-128-A	Pipes and fittings Inventory Log	SHT	P	03/19/14	04/18/14	03/23/14	4	B
	SUB-13-00016-SHT-129-A	Cost Breakdown – item 04 –Valves , Connections and Chambers	SHT	P	03/19/14	04/18/14	04/15/14	27	C
	SUB-13-00016-SHT-129-B	Cost Breakdown – item 04 –Valves , Connections and Chambers	SHT	P	05/21/14	06/20/14	05/21/14	0	E
	SUB-13-00016-SHT-130-A	Galvanized steel pipes_Pecker	SHT	M	03/19/14	04/18/14	03/26/14	7	B
	SUB-13-00016-SHT-131-A	Survey Plan from Sta.0+000 to Sta.1+225-Al Aroub Road	SHT	P	03/20/14	04/19/14	03/30/14	10	B
	SUB-13-00016-SHT-132-A	Shop Drawings: Plan, Profile and Cross Section from Sta.0+000 to Sta.1+225-Al Aroub Road	SHT	S	03/20/14	04/19/14	03/31/14	11	B
	SUB-13-00016-SHT-132-B	Shop Drawings: Plan, Profile and Cross Section from Sta.0+000 to Sta.1+225-Al Aroub Road -As per Walkthrough -For Engineering Record	SHT	S	06/04/14	07/04/14	06/10/14	6	B
	SUB-13-00016-SHT-133-A	Strainer- ARI- OF-20- PN 16 -item No. 4.2.4, 4.2.5 and 4.2.6	SHT	M	03/20/14	04/19/14	03/27/14	7	C
	SUB-13-00016-SHT-133-B	Strainer- ARI- OF-20- PN 16 -item No. 4.2.4, 4.2.5 and 4.2.6	SHT	M	04/30/14	05/30/14	05/05/14	5	E
	SUB-13-00016-SHT-134-A	Concrete repairing material- Renderoc FC- for thickness less than 5mm.	SHT	M	03/24/14	04/23/14	03/25/14	1	B
	SUB-13-00016-SHT-135-A	Bolts, Nuts& washers-Factor for Mechanical Chambers	SHT	M	03/24/14	04/23/14	03/27/14	3	C
	SUB-13-00016-SHT-135-B	Bolts, Nuts& washers-Factor for Mechanical Chambers	SHT	M	03/31/14	04/30/14	04/07/14	7	C
	SUB-13-00016-SHT-135-C	Bolts, Nuts& washers-Factor for Mechanical Chambers	SHT	M	04/30/14	05/30/14	05/07/14	7	B
	SUB-13-00016-SHT-136-A	Manufacturer "Bermad" sizing of Deir Shaar Pressure Reducing Valve	SHT	M	03/24/14	04/23/14	04/07/14	14	B
	SUB-13-00016-SHT-136-B	Manufacturer "Bermad" sizing of Deir Shaar Pressure Reducing Valve -For Engineering Record	SHT	M	06/25/14	07/25/14	07/07/14	12	B
	SUB-13-00016-SHT-137-A	Welders Performance Qualification Certificates	SHT	P	03/30/14	04/29/14	04/08/14	9	C
	SUB-13-00016-SHT-137-B	Welders Performance Qualification Certificates – RT Negative Films Attached	SHT	P	08/07/14	09/06/14	08/14/14	7	C
	SUB-13-00016-SHT-137-C	Welders Performance Qualification Certificates	SHT	P	08/21/14	09/20/14	09/03/14	13	C
	SUB-13-00016-SHT-137-D	Welders Performance Qualification Certificates	SHT	P	09/29/14	10/29/14	10/16/14	17	A
	SUB-13-00016-SHT-138-A	Risk Management Program -Al-Aroub Connection 4" & 6"	SHT	P	03/31/14	04/30/14	04/08/14	8	B
	SUB-13-00016-SHT-139-A	Shop Drawings: Water : Plan , Profile and Cross Section from Sta.1+200 to Sta.2+780	SHT	S	04/02/14	05/02/14	04/14/14	12	B
	SUB-13-00016-SHT-139-B	Shop Drawings: Water : Plan , Profile and Cross Section from Sta.1+200 to Sta.2+780 -For Engineering Record	SHT	S	08/12/14	09/11/14	08/17/14	5	B
	SUB-13-00016-SHT-139-C	Shop Drawings: Water : Plan , Profile and Cross Section from Sta.1+200 to Sta.2+780 -For Engineering Record (2)	SHT	S	08/24/14	09/23/14	08/28/14	4	C
	SUB-13-00016-SHT-139-D	Shop Drawings: Water : Plan , Profile and Cross Section from Sta.1+200 to Sta.2+780 -For Engineering Record (2)	SHT	S	09/03/14	10/03/14	09/04/14	1	B

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	SUB-13-00016-SHT-140-A	Shop Drawings: Retaining Wall from Sta.7+375 to Sta.7+391 LHS and from Sta.7+432 to Sta.7+438 LHS	SHT	S	04/03/14	05/03/14	04/15/14	12	C
	SUB-13-00016-SHT-140-B	Shop Drawings: Retaining Wall from Sta.7+374 to Sta.7+392 LHS and from Sta.7+433 to Sta.7+438 LHS	SHT	S	04/17/14	05/17/14	04/24/14	7	C
	SUB-13-00016-SHT-140-C	Shop Drawings: Retaining Wall from Sta.7+374 to Sta.7+392 LHS and from Sta.7+419 to Sta.7+450 LHS	SHT	S	05/13/14	06/12/14	05/21/14	8	C
	SUB-13-00016-SHT-140-D	Shop Drawings: Retaining Wall from Sta.7+374 to Sta.7+392 LHS and from Sta.7+419 to Sta.7+450 LHS	SHT	S	05/27/14	06/26/14	06/11/14	15	B
	SUB-13-00016-SHT-141-A	Second source of base course -Roots Crusher Plant- Report No. ST/14078 l	SHT	M	04/06/14	05/06/14	04/08/14	2	B
	SUB-13-00016-SHT-142-A	Shop Drawings: Plan, Profile and Typical Section from Sta.0+000 to Sta.1+218-Beit Ummar Water distribution Network-Al Arrub Water Pipeline	SHT	S	04/07/14	05/07/14	04/16/14	9	C
	SUB-13-00016-SHT-142-B	Shop Drawings: Plan, Profile and Typical Section from Sta.0+000 to Sta.1+218-Beit Ummar Water distribution Network-Al Arrub Water Pipeline	SHT	S	04/27/14	05/27/14	04/29/14	2	C
	SUB-13-00016-SHT-142-C	Shop Drawings: Plan, Profile and Typical Section from Sta.0+000 to Sta.1+218-Beit Ummar Water distribution Network-Al Arrub Water Pipeline	SHT	S	05/06/14	06/05/14	05/08/14	2	B
	SUB-13-00016-SHT-143-A	Updated Construction Schedule and S-curve -March 2014	SHT	SCH	04/07/14	05/07/14	04/14/14	7	B
	SUB-13-00016-SHT-144-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 0+000 to St. 1+200.	SHT	S	04/13/14	05/13/14	04/14/14	1	C
	SUB-13-00016-SHT-144-B	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 0+000 to St. 1+200.	SHT	S	05/12/14	06/11/14	05/21/14	9	B
	SUB-13-00016-SHT-145-A	Survey Plan from Sta. 9+890 to Sta. 11+463	SHT	P	04/13/14	05/13/14	04/22/14	9	C
	SUB-13-00016-SHT-145-B	Survey Plan from Sta. 9+890 to Sta. 11+463	SHT	P	04/28/14	05/28/14	05/05/14	7	B
	SUB-13-00016-SHT-146-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 6+780 to St. 7+500	SHT	S	04/15/14	05/15/14	04/17/14	2	C
	SUB-13-00016-SHT-146-B	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 6+780 to St. 7+500	SHT	S	05/12/14	06/11/14	05/21/14	9	B
	SUB-13-00016-SHT-147-A	Strainer-DVD-BOQ item No. 4.4.2 ,4.2.3 ,4.2.4 , 4.2.5, 4.2.6 and 4.2.7	SHT	M	04/15/14	05/15/14	04/17/14	2	C
	SUB-13-00016-SHT-147-B	Strainer-DVD-BOQ item No. 4.4.2 ,4.2.3 ,4.2.4 , 4.2.5, 4.2.6 and 4.2.7	SHT	M	04/27/14	05/27/14	05/05/14	8	B
	SUB-13-00016-SHT-148-A	Shop Drawings: Road Construction :Plan, Profile and Cross Section from Sta. 9+890 to Sta. 11+463	SHT	S	04/17/14	05/17/14	04/30/14	13	B
	SUB-13-00016-SHT-149-A	Shrinkable Sheet Sample	SHT	M	04/22/14	05/22/14	04/30/14	8	D
	SUB-13-00016-SHT-149-B	Shrinkable Sheet Sample	SHT	M	02/09/15	03/11/15	02/09/15	0	E
	SUB-13-00016-SHT-150-A	Butterfly Valve-PN 16-Henry Pratt-BOQ items No. 4.2.5,4.2.6,4.3.1 and 4.6.2	SHT	M	04/28/14	05/28/14	05/19/14	21	D
	SUB-13-00016-SHT-150-B	Butterfly Valve-PN 16-Henry Pratt-BOQ items No. 4.2.5,4.2.6,4.3.1 and 4.6.2	SHT	M	07/13/14	08/12/14	07/14/14	1	141 E

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	SUB-13-00016-SHT-151-A	Butterfly Valve-PN 25-Henry Pratt-BOQ items No. 4.2.1,4.2.7 and 4.6.1	SHT	M	04/29/14	05/29/14	05/05/14	6	D
	SUB-13-00016-SHT-151-B	Butterfly Valve-PN 25-Henry Pratt-BOQ items No. 4.2.1,4.2.7 and 4.6.1	SHT	M	05/12/14	06/11/14	05/28/14	16	C
	SUB-13-00016-SHT-151-C	Butterfly Valve-PN 25-Henry Pratt-BOQ items No. 4.2.1,4.2.7 and 4.6.1	SHT	M	07/13/14	08/12/14	07/14/14	1	E
	SUB-13-00016-SHT-152-A	Bolts, washers and nuts- Buried pipe flanges-Factor	SHT	M	04/29/14	05/29/14	05/07/14	8	C
	SUB-13-00016-SHT-152-B	Bolts, washers and nuts- Buried pipe flanges-Factor	SHT	M	12/08/14	01/07/15	12/11/14	3	E
	SUB-13-00016-SHT-153-A	Survey Plan from Sta. 7+650 to Sta. 9+890	SHT	P	04/29/14	05/29/14	05/08/14	9	B
	SUB-13-00016-SHT-154-A	Revised Survey Plan from Sta. 4+200 to Sta. 5+700	SHT	P	04/30/14	05/30/14	05/08/14	8	B
	SUB-13-00016-SHT-155-A	Shop Drawing- Road Works- Plan, Profile and Cross Sections from Sta. 3+900 to Sta. 4+950	SHT	S	04/30/14	05/30/14	05/27/14	27	C
	SUB-13-00016-SHT-155-B	Shop Drawing- Road Works- Plan, Profile and Cross Sections from Sta. 3+900 to Sta. 4+950	SHT	S	06/02/14	07/02/14	06/10/14	8	B
	SUB-13-00016-SHT-156-A	Shop Drawing- Road Works- Plan, Profile and Cross Sections from Sta. 4+950 to Sta. 6+000	SHT	S	04/30/14	05/30/14	05/27/14	27	C
	SUB-13-00016-SHT-156-B	Shop Drawing- Road Works- Plan, Profile and Cross Sections from Sta. 4+950 to Sta. 6+000	SHT	S	06/02/14	07/02/14	06/09/14	7	B
	SUB-13-00016-SHT-157-A	Resume and IIW certificate for Dr. Salahaldin Mnasia that is equivalent to required CWI per section "H.1 hey personnel " of task order contract	SHT	P	05/04/14	06/03/14	05/08/14	4	E
	SUB-13-00016-SHT-158-A	Updated Construction Schedule and S-curve -April 2014	SHT	SCH	05/04/14	06/03/14	05/12/14	8	B
	SUB-13-00016-SHT-159-A	Alternative source for single size Aggregate (Homos) - Roots Crusher Plant	SHT	M	05/06/14	06/05/14	05/07/14	1	B
	SUB-13-00016-SHT-160-A	Alternative for the source of Somsom size -Roots Crusher Plant	SHT	M	05/06/14	06/05/14	05/07/14	1	B
	SUB-13-00016-SHT-161-A	Shop Drawing-Water Works- Plan, Profile and Cross Sections from Sta. 2+780 to Sta. 3+900	SHT	S	05/07/14	06/06/14	05/26/14	19	C
	SUB-13-00016-SHT-161-B	Shop Drawing-Water Works- Plan, Profile and Cross Sections from Sta. 2+780 to Sta. 3+900	SHT	S	05/29/14	06/28/14	06/01/14	3	B
	SUB-13-00016-SHT-162-A	Shop Drawings: Stair at Sta.7+505 LHS	SHT	S	05/07/14	06/06/14	05/14/14	7	C
	SUB-13-00016-SHT-162-B	Shop Drawings: Stair at Sta.7+505 LHS	SHT	S	05/28/14	06/27/14	06/05/14	8	C
	SUB-13-00016-SHT-162-C	Shop Drawings: Stair at Sta.7+505 LHS	SHT	S	06/11/14	07/11/14	06/15/14	4	B
	SUB-13-00016-SHT-163-A	Traffic Control Plan -Phase I -from Sta.0+000 to Sta.2+800-Deir Sha'ar Water Transmission Project-DCL Final Written Approval -(Amendment for Submittal No.SUB-13-00016-SHT-103-A)	SHT	P	05/07/14	06/06/14	05/08/14	1	B
	SUB-13-00016-SHT-164-A	Pressure Gauge- Ashcroft 1279	SHT	M	05/11/14	06/10/14	05/19/14	8	C
	SUB-13-00016-SHT-164-B	Pressure Gauge- Ashcroft 1279	SHT	M	08/11/14	09/10/14	08/21/14	10	B
	SUB-13-00016-SHT-165-A	Ultrasonic Flow Detector Machine and Technician Certificate	SHT	P	05/11/14	06/10/14	05/14/14	3	C
	SUB-13-00016-SHT-165-B	Ultrasonic Flow Detector Machine and Technician Certificate	SHT	P	06/26/14	07/26/14	06/30/14	4	C
	SUB-13-00016-SHT-165-C	Ultrasonic Flow Detector Machine and Technician Certificate	SHT	P	02/09/15	03/11/15	02/09/15	0	A
	SUB-13-00016-SHT-166-A	Elcometer 280 Pulsed DC Holiday detector -Holiday 280	SHT	M	05/11/14	06/10/14	05/12/14	1	E

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	SUB-13-00016-SHT-167-A	Specific Method Statement -Testing (Hydrostatic, Disinfection /Flushing) -760 mm steel pipe Sch 20 /WT 12.7 mm	SHT	P	05/11/14	06/10/14	05/21/14	10	C
	SUB-13-00016-SHT-167-B	Specific Method Statement -Testing (Hydrostatic, Disinfection /Flushing) -760 mm steel pipe Sch 20 /WT 12.7 mm	SHT	P	08/07/14	09/06/14	09/04/14	28	B
	SUB-13-00016-SHT-168-A	Pipes Loading & Unloading -Specific Method Statement	SHT	P	05/11/14	06/10/14	05/12/14	1	C
	SUB-13-00016-SHT-168-B	Pipes Loading & Unloading -Specific Method Statement	SHT	P	05/19/14	06/18/14	05/29/14	10	C
	SUB-13-00016-SHT-168-C	Pipes Loading & Unloading -Specific Method Statement	SHT	P	06/11/14	07/11/14	06/29/14	18	B
	SUB-13-00016-SHT-169-A	30 inch Pipeline Entry -Safety Method Statement (Confined Space)	SHT	P	05/11/14	06/10/14	05/14/14	3	C
	SUB-13-00016-SHT-169-B	30 inch Pipeline Entry -Safety Method Statement (Confined Space)	SHT	P	05/19/14	06/18/14	05/29/14	10	B
	SUB-13-00016-SHT-169-C	30 inch Pipeline Entry -Safety Method Statement (Confined Space)- **For Engineering Record**	SHT	P	07/24/14	08/23/14	08/04/14	11	B
	SUB-13-00016-SHT-169-D	30 inch Pipeline Entry -Safety Method Statement (Confined Space)- For Engineering Record (2)	SHT	P	08/21/14	09/20/14	08/28/14	7	B
	SUB-13-00016-SHT-170-A	Internal Cement Lining Repair Method Statement	SHT	P	05/12/14	06/11/14	05/26/14	14	B
	SUB-13-00016-SHT-171-A	Mortar Fill after welding / layback Space closure Method Statement	SHT	P	05/12/14	06/11/14	05/26/14	14	B
	SUB-13-00016-SHT-172-A	Traffic Control Plan from Sta.6+800 to Sta.7+500	SHT	P	05/14/14	06/13/14	05/20/14	6	B
	SUB-13-00016-SHT-173-A	Testing Labs-Renewed Accreditation Certificate and Schedule (For Building Center Lab)- Amendment to Submittal No. : SUB-13-00016-SHT-010-A	SHT	P	05/18/14	06/17/14	05/19/14	1	A
	SUB-13-00016-SHT-174-A	30 inch Pipe Welding Procedure Qualification Record	SHT	P	05/18/14	06/17/14	05/28/14	10	A
	SUB-13-00016-SHT-175-A	Flange Gasket- Reinz-AFM 34 - No.2	SHT	M	05/19/14	06/18/14	05/28/14	9	B
	SUB-13-00016-SHT-176-A	Mill Test Certificate for the first delivery of the 30" - ½ " pipes	SHT	M	05/19/14	06/18/14	05/29/14	10	C
	SUB-13-00016-SHT-177-A	Shop Drawings: Structural and Mechanical Detail for valve chambers for 8" Beit Ummar Internal Network Water Pipeline	SHT	S	05/21/14	06/20/14	06/01/14	11	C
	SUB-13-00016-SHT-177-B	Shop Drawings: Structural and Mechanical Detail for valve chambers for 8" Beit Ummar Internal Network Water Pipeline	SHT	S	06/15/14	07/15/14	06/19/14	4	C
	SUB-13-00016-SHT-177-C	Shop Drawings: Structural and Mechanical Detail for valve chambers for 8" Beit Ummar Internal Network Water Pipeline	SHT	S	06/23/14	07/23/14	07/02/14	9	B
	SUB-13-00016-SHT-178-A	Shop Drawings: Retaining Wall at the access road at Sta.7+185 LHS	SHT	S	05/22/14	06/21/14	06/09/14	18	B
	SUB-13-00016-SHT-178-B	Shop Drawings: Retaining Wall at the access road at Sta.7+185 LHS-For Engineering Record	SHT	S	07/14/14	08/13/14	07/16/14	2	C
	SUB-13-00016-SHT-178-C	Shop Drawings: Retaining Wall at the access road at Sta.7+185 LHS	SHT	S	07/20/14	08/19/14	07/22/14	2	B
	SUB-13-00016-SHT-179-A	Shop Drawings: Plan for Milling and Overlay from Sta.7+515 to Sta.9+880	SHT	S	05/22/14	06/21/14	06/15/14	24	B
	SUB-13-00016-SHT-180-A	Shop Drawings: Water: Plan ,Profile and Typical Section from Sta.8+700 to Sta.9+300	SHT	S	05/26/14	06/25/14	05/31/14	5	B
	SUB-13-00016-SHT-180-B	Shop Drawings: Water: Plan ,Profile and Typical Section from Sta.8+700 to Sta.9+300 -For Engineering Record	SHT	S	06/16/14	07/16/14	06/19/14	3	B
	SUB-13-00016-SHT-181-A	Shop Drawings: Pipe Culvert at Sta.0+543 -Al Aroub Road	SHT	S	06/02/14	07/02/14	06/12/14	10	C
	SUB-13-00016-SHT-181-B	Shop Drawings: Pipe Culvert at Sta.0+543 -Al Aroub Road	SHT	S	06/26/14	07/26/14	07/02/14	6	B

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	SUB-13-00016-SHT-182-A	Shop Drawings: Water: Plan ,Profile and Typical Section from Sta.0+000 to Sta.1+110 -Halhul Water Distribution Network -Zaboud Water Pipeline	SHT	S	06/04/14	07/04/14	06/10/14	6	C
	SUB-13-00016-SHT-182-B	Shop Drawings: Water: Plan ,Profile and Typical Section from Sta.0+000 to Sta.1+110 -Halhul Water Distribution Network -Zaboud Water Pipeline	SHT	S	06/15/14	07/15/14	06/17/14	2	B
	SUB-13-00016-SHT-183-A	Shop Drawings: Plan, Profile and Typical Section from Sta.0+000 to Sta.1+218-Beit Ummar Water distribution Network-Al Arrub Water Pipeline -As per RFI No. (RFI-13-00016-SHT-020) -Amendment to Submittal No. (SUB-13-00016-SHT-142-C)	SHT	S	06/05/14	07/05/14	06/11/14	6	B
	SUB-13-00016-SHT-184-A	Updated Construction Schedule and S-curve -May 2014	SHT	SCH	06/08/14	07/08/14	06/18/14	10	B
	SUB-13-00016-SHT-185-A	Risk Management Program –Phase 02 from Sta.2+800 to Sta.6+800 and from Sta. 7 +515 to the End of the Project	SHT	P	06/10/14	07/10/14	06/17/14	7	B
	SUB-13-00016-SHT-186-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 1+200 to St. 2+780	SHT	S	06/11/14	07/11/14	06/18/14	7	B
	SUB-13-00016-SHT-187-A	Tee Fabrication Shop Drawings and calculation sheets 760 x 150 mm and 760 x 250 mm	SHT	S	06/11/14	07/11/14	06/18/14	7	C
	SUB-13-00016-SHT-187-B	Tee Fabrication Shop Drawings and calculation sheets 760 x 150 mm and 760 x 250 mm	SHT	S	07/22/14	08/21/14	08/06/14	15	C
	SUB-13-00016-SHT-187-C	Tee Fabrication Shop Drawings and calculation sheets 760 x 150 mm and 760 x 250 mm	SHT	S	08/11/14	09/10/14	08/28/14	17	B
	SUB-13-00016-SHT-188-A	Electro-Magnetic water meter-Siemens	SHT	M	06/11/14	07/11/14	06/18/14	7	C
	SUB-13-00016-SHT-188-B	Electro-Magnetic water meter-Siemens	SHT	M	08/06/14	09/05/14	08/12/14	6	B
	SUB-13-00016-SHT-189-A	EN 1092- Hubbed on Flanges for Welding for Nominal sizes up to 600mm-Alternative	SHT	M	06/11/14	07/11/14	06/17/14	6	B
	SUB-13-00016-SHT-190-A	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.0+000 to Sta.1+350-Halhul Water Distribution Network -Shahera Water Pipeline	SHT	S	06/11/14	07/11/14	06/17/14	6	C
	SUB-13-00016-SHT-190-B	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.0+000 to Sta.1+350-Halhul Water Distribution Network -Shahera Water Pipeline	SHT	S	06/21/14	07/21/14	06/22/14	1	B
	SUB-13-00016-SHT-191-A	Specific Method Statement - 30" pipe installation 0+000 - 1+200	SHT	P	06/11/14	07/11/14	06/24/14	13	B
	SUB-13-00016-SHT-192-A	Ultrasonic Weld Inspection Procedure 12" -30" Pipe line welds	SHT	P	06/15/14	07/15/14	06/30/14	15	C
	SUB-13-00016-SHT-192-B	Ultrasonic Weld Inspection Procedure 12" -30" Pipe line welds	SHT	P	07/09/14	08/08/14	07/09/14	0	B
	SUB-13-00016-SHT-192-C	Ultrasonic Weld Inspection Procedure 12" -30" Pipeline welds - For Engineering Record	SHT	P	07/16/14	08/15/14	07/23/14	7	B
	SUB-13-00016-SHT-193-A	Shop Drawings: Boundary Wall from Sta.6+935 to Sta.6+966 RHS and Retaining Wall from Sta.6+971 to Sta.7+036 RHS	SHT	S	06/16/14	07/16/14	06/29/14	13	C
	SUB-13-00016-SHT-193-B	Shop Drawings: Boundary Wall from Sta.6+935 to Sta.7+036 RHS	SHT	S	07/06/14	08/05/14	07/16/14	10	B
	SUB-13-00016-SHT-194-A	Shop Drawings: Stone Wall from Sta.7+430 to Sta.7+475 RHS	SHT	S	06/18/14	07/18/14	07/02/14	14	B
	SUB-13-00016-SHT-195-A	Shop Drawings: Retaining Wall from Sta.7+200 to Sta.7+220 LHS	SHT	S	06/18/14	07/18/14	06/18/14	0	C

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	SUB-13-00016-SHT-195-B	Shop Drawings: Retaining Wall from Sta.7+200 to Sta.7+220 LHS	SHT	S	06/23/14	07/23/14	06/29/14	6	B
	SUB-13-00016-SHT-196-A	Traffic Control Plan from Sta.0+000 to Sta.1+350 -Halhul Water Distribution Network -Shahera Water Pipeline	SHT	P	06/18/14	07/18/14	07/02/14	14	C
	SUB-13-00016-SHT-196-B	Traffic Control Plan from Sta.0+000 to Sta.1+350 -Halhul Water Distribution Network -Shahera Water Pipeline	SHT	P	08/17/14	09/16/14	08/20/14	3	B
	SUB-13-00016-SHT-197-A	Traffic Control Plan from Sta.0+000 to Sta.1+110 -Halhul Water Distribution Network -Zaboud Water Pipeline	SHT	P	06/18/14	07/18/14	06/19/14	1	B
	SUB-13-00016-SHT-198-A	Dilapidation Survey- 8" Halhul Network (Zaboud)	SHT	P	06/19/14	07/19/14	06/25/14	6	B
	SUB-13-00016-SHT-199-A	Shop Drawings: Retaining Wall from Sta.7+425 to Sta.7+430 RHS	SHT	S	06/19/14	07/19/14	06/29/14	10	C
	SUB-13-00016-SHT-199-B	Shop Drawings: Retaining Wall from Sta.7+425 to Sta.7+430 RHS	SHT	S	01/20/15	02/19/15	01/28/15	8	E
	SUB-13-00016-SHT-200-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 8+700 to St. 9+300	SHT	S	06/19/14	07/19/14	06/30/14	11	B
	SUB-13-00016-SHT-201-A	Qualified Welder Resume and Certificates – Jihad Ghatasheh	SHT	P	06/22/14	07/22/14	06/22/14	0	A
	SUB-13-00016-SHT-202-A	Shop Drawings: Retaining Wall from Sta.3+226.97 to Sta.3+295 RHS	SHT	S	06/22/14	07/22/14	07/16/14	24	C
	SUB-13-00016-SHT-202-B	Shop Drawings: Retaining Wall from Sta.3+226.97 to Sta.3+295 RHS	SHT	S	07/22/14	08/21/14	07/24/14	2	C
	SUB-13-00016-SHT-202-C	Shop Drawings: Retaining Wall from Sta.3+226.97 to Sta.3+295 RHS	SHT	S	08/03/14	09/02/14	08/20/14	17	E
	SUB-13-00016-SHT-202-D	Shop Drawings: Retaining Wall from Sta.3+226.97 to Sta.3+295 RHS	SHT	S	11/10/14	12/10/14	11/12/14	2	B
	SUB-13-00016-SHT-203-A	Risk Management Program - 8" Halhul Network (Zaboud)	SHT	P	06/22/14	07/22/14	06/25/14	3	B
	SUB-13-00016-SHT-204-A	Shop Drawings: Retaining Wall from Sta.6+873 to Sta.6+950 LHS	SHT	S	06/23/14	07/23/14	07/17/14	24	E
	SUB-13-00016-SHT-205-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 2+780 to St. 3+900	SHT	S	06/24/14	07/24/14	07/02/14	8	B
	SUB-13-00016-SHT-206-A	Shop Drawings: Concrete Gravity Wall from Sta.3+523 to Sta.3+537 RHS and from Sta.3+555 to Sta.3+573 RHS	SHT	S	06/24/14	07/24/14	07/17/14	23	B
	SUB-13-00016-SHT-207-A	Manufacturer "Bermad" sizing for Flow Control Valves – Amendment to Submittal No. SUB-13-00016-SHT-032-B	SHT	M	06/25/14	07/25/14	07/10/14	15	B
	SUB-13-00016-SHT-208-A	Shop Drawings: Retaining Wall from Sta.3+380 to Sta.3+464.92 RHS	SHT	S	06/26/14	07/26/14	07/21/14	25	B
	SUB-13-00016-SHT-208-B	Shop Drawings: Retaining Wall from Sta.3+380 to Sta.3+464.92 RHS - For Engineering Record	SHT	S	02/03/15	03/05/15	02/10/15	7	B
	SUB-13-00016-SHT-209-A	Shop Drawings: Structural and Mechanical Detail for valve chambers for 8" Zaboud Internal Network Water Pipeline	SHT	S	06/26/14	07/26/14	07/15/14	19	B
	SUB-13-00016-SHT-210-A	Motorized Actuated Butterfly Valve- VANESSA -BOQ item No. 4.2.6	SHT	M	06/30/14	07/30/14	07/15/14	15	C
	SUB-13-00016-SHT-210-B	Motorized Actuated Butterfly Valve- VANESSA -BOQ item No. 4.2.6	SHT	M	11/06/14	12/06/14	11/11/14	5	C
	SUB-13-00016-SHT-210-C	Motorized Actuated Butterfly Valve- VANESSA -BOQ item No. 4.2.6	SHT	M	12/24/14	01/23/15	12/31/14	7	B
	SUB-13-00016-SHT-210-D	Motorized Actuated Butterfly Valve- VANESSA -BOQ item No. 4.2.6 -For Engineering Record	SHT	M	01/21/15	02/20/15	02/01/15	11	A
	SUB-13-00016-SHT-211-A	Welders Performance Qualification Certificates and RT Test Report	SHT	P	07/06/14	08/05/14	07/10/14	4	B
	SUB-13-00016-SHT-211-B	Welders Performance Qualification Certificates and RT Test Report -For Engineering Record -RT Negative Films attached	SHT	P	08/07/14	09/06/14	08/21/14	14	B
	SUB-13-00016-SHT-212-A	Shop Drawings: Retaining Wall from Sta.6+971.2 to Sta.6+990.57 LHS and from Sta.7+005.85 to Sta.7+020 LHS	SHT	S	07/07/14	08/06/14	07/20/14	13	E
	SUB-13-00016-SHT-213-A	Updated Construction Schedule and S-curve -June 30, 2014	SHT	SCH	07/07/14	08/06/14	07/20/14	13	B

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	SUB-13-00016-SHT-214-A	Traffic Control Plan for Al Arrub Water Networks	SHT	P	07/08/14	08/07/14	07/09/14	1	C
	SUB-13-00016-SHT-214-B	Traffic Control Plan for Al Arrub Water Networks	SHT	P	02/09/15	03/11/15	02/10/15	1	B
	SUB-13-00016-SHT-215-A	Shop Drawings: Structural and Mechanical Detail for Kharas Junction Chamber at Sta.9+028	SHT	S	07/14/14	08/13/14	07/27/14	13	C
	SUB-13-00016-SHT-215-B	Shop Drawings: Structural and Mechanical Detail for Kharas Junction Chamber at Sta.9+028	SHT	S	08/13/14	09/12/14	08/18/14	5	B
	SUB-13-00016-SHT-216-A	Welders Certificates and RT Test Results (G. Veeraswamy and D. Nagasatyanarayana)	SHT	P	07/10/14	08/09/14	07/22/14	12	B
	SUB-13-00016-SHT-216-B	Welders Certificates and RT Test Results (G. Veeraswamy and D. Nagasatyanarayana)- For Engineering Record- RT Negative films included	SHT	P	07/16/14	08/15/14	07/22/14	6	A
	SUB-13-00016-SHT-217-A	Traffic Control Plan for Al Nabi Younes Intersection	SHT	P	07/10/14	08/09/14	07/15/14	5	B
	SUB-13-00016-SHT-218-A	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.3+900 to Sta.4+950	SHT	S	07/13/14	08/12/14	08/04/14	22	C
	SUB-13-00016-SHT-218-B	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.3+900 to Sta.4+950	SHT	S	08/12/14	09/11/14	08/25/14	13	C
	SUB-13-00016-SHT-218-C	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.3+900 to Sta.4+950	SHT	S	08/31/14	09/30/14	09/04/14	4	B
	SUB-13-00016-SHT-219-A	Shop Drawings: Structural and Mechanical Detail for Washout Chamber at Sta.0+620 & ARV Valve Chamber @ Sta.0+743	SHT	S	07/15/14	08/14/14	08/05/14	21	C
	SUB-13-00016-SHT-219-B	Shop Drawings: Structural and Mechanical Detail for Washout Chamber at Sta.0+620 & ARV Valve Chamber @ Sta.0+743	SHT	S	09/01/14	10/01/14	09/11/14	10	B
	SUB-13-00016-SHT-220-A	Shop Drawings: Storm Water : Plan, Profile& Typical Details from Sta.8+240 to Sta.9+060	SHT	S	07/15/14	08/14/14	08/10/14	26	E
	SUB-13-00016-SHT-221-A	Video recording for Internal mortar cement lining repair of installed 30" pipes from St. 1+190.60 to St. 0+594.39.	SHT	P	07/16/14	08/15/14	07/27/14	11	C
	SUB-13-00016-SHT-221-B	Video recording for Internal mortar cement lining repair of installed 30" pipes from St. 1+190.60 to St. 0+594.39	SHT	P	02/09/15	03/11/15	02/15/15	6	B
	SUB-13-00016-SHT-222-A	Structural and Mechanical detail For Washout Chamber For 30"*10" at Sta.7+223& Washout Chamber For 6"*3" at Sta.7+230	SHT	S	07/20/14	08/19/14	08/04/14	15	C
	SUB-13-00016-SHT-223-A	JMF for asphalt wearing ¾" -Roots- Co	SHT	M	07/20/14	08/19/14	07/24/14	4	A
	SUB-13-00016-SHT-224-A	Concrete Ready-Mix Design Class B35-Size 20 mm-Al A'abed Concrete Ready-Mix Plant	SHT	M	07/24/14	08/23/14	08/05/14	12	B
	SUB-13-00016-SHT-225-A	Shop Drawing: Structural and Mechanical detail For Deir Sha'ar Connection Chamber @ Sta.0+155	SHT	S	07/24/14	08/23/14	08/12/14	19	C
	SUB-13-00016-SHT-225-B	Shop Drawing: Structural and Mechanical detail For Deir Sha'ar Connection Chamber @ Sta.1+280	SHT	S	08/26/14	09/25/14	09/03/14	8	C
	SUB-13-00016-SHT-225-C	Shop Drawing: Structural and Mechanical detail For Deir Sha'ar Connection Chamber @ Sta.1+280	SHT	S	09/16/14	10/16/14	10/02/14	16	C

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	SUB-13-00016-SHT-225-D	Shop Drawing: Structural and Mechanical detail For Deir Sha'ar Connection Chamber @ Sta.1+280	SHT	S	10/16/14	11/15/14	10/22/14	6	B
	SUB-13-00016-SHT-225-E	Shop Drawing: Structural and Mechanical detail For Deir Sha'ar Connection Chamber @ Sta.1+280 -For Engineering Record	SHT	S	10/23/14	11/22/14	10/28/14	5	B
	SUB-13-00016-SHT-226-A	Pre Cast Concrete for Water Chamber 1.50m *1.5m*2.0m- addaci Co.	SHT	M	07/24/14	08/23/14	08/14/14	21	C
	SUB-13-00016-SHT-226-B	Pre Cast Concrete for Water Chamber 1.50m *1.5m*2.0m- addaci Co.	SHT	M	09/23/14	10/23/14	09/25/14	2	E
	SUB-13-00016-SHT-227-A	Updated Construction Schedule and S-curve -July 31,2014	SHT	SCH	08/07/14	09/06/14	08/19/14	12	B
	SUB-13-00016-SHT-228-A	Procedure Qualification Record (PQR)and Welding Procedure Specification (WPS)	SHT	P	08/14/14	09/13/14	08/28/14	14	C
	SUB-13-00016-SHT-228-B	Procedure Qualification Record (PQR)and Welding Procedure Specification (WPS)	SHT	P	09/03/14	10/03/14	09/15/14	12	B
	SUB-13-00016-SHT-229-A	Precast water manhole	SHT	M	08/17/14	09/16/14	09/01/14	15	D
	SUB-13-00016-SHT-229-B	Precast water manhole	SHT	M	09/04/14	10/04/14	09/09/14	5	B
	SUB-13-00016-SHT-230-A	Shop Drawings: Water : Plan , Profile and Typical section from Sta.9+090 to Sta.9+450 -Deer Sha'ar Main pipeline -New Alignment for water pipe line	SHT	S	08/17/14	09/16/14	09/09/14	23	B
	SUB-13-00016-SHT-231-A	Shop Drawings: Water: Plan ,Profile and Typical Section from Sta.7+500 to Sta.8+700	SHT	S	08/24/14	09/23/14	08/28/14	4	C
	SUB-13-00016-SHT-231-B	Shop Drawings: Water: Plan ,Profile and Typical Section from Sta.7+500 to Sta.8+700	SHT	S	09/04/14	10/04/14	09/09/14	5	C
	SUB-13-00016-SHT-231-C	Shop Drawings: Water: Plan ,Profile and Typical Section from Sta.7+500 to Sta.8+700	SHT	S	01/21/15	02/20/15	01/25/15	4	B
	SUB-13-00016-SHT-232-A	Welders Performance Qualification No.214149 (Kapanthi Srinivas)	SHT	P	08/24/14	09/23/14	09/04/14	11	C
	SUB-13-00016-SHT-232-B	Welders Performance Qualification No.214149 (Kapanthi Srinivas)	SHT	P	09/09/14	10/09/14	09/15/14	6	A
	SUB-13-00016-SHT-233-A	Steel Manhole Cover for Storm System and Water System - KURDIEH & SONS LTD	SHT	M	08/28/14	09/27/14	09/24/14	27	B
	SUB-13-00016-SHT-234-A	Ball Valve-Tyco F120 for Pressure Gauge	SHT	M	08/28/14	09/27/14	09/03/14	6	B
	SUB-13-00016-SHT-235-A	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.4+950 to Sta.6+000	SHT	S	08/31/14	09/30/14	09/15/14	15	B
	SUB-13-00016-SHT-236-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 3+900 to St. 4+950	SHT	S	09/01/14	10/01/14	09/04/14	3	B
	SUB-13-00016-SHT-237-A	Updated Construction Schedule and S-curve -August 31,2014	SHT	SCH	09/07/14	10/07/14	09/22/14	15	B
	SUB-13-00016-SHT-238-A	Shop Drawings: Structural and Mechanical Detail for Washout Chamber at Sta.1+530 and Washout Chamber at Sta.2+230 & ARV Valve Chamber at Sta.1+942	SHT	S	09/07/14	10/07/14	09/15/14	8	B
	SUB-13-00016-SHT-239-A	Storm Water Pipes - Trust for Concrete Industries Company	SHT	M	12/08/14	01/07/15	12/18/14	10	C
	SUB-13-00016-SHT-240-A	Fasteners- TorqBolt Inc.	SHT	M	09/09/14	10/09/14	09/15/14	6	B
	SUB-13-00016-SHT-241-A	Pre-cast hand hole manhole for 2" gate valve- Adassi Co.	SHT	M	09/09/14	10/09/14	09/25/14	16	E
	SUB-13-00016-SHT-242-A	Adjustable support for pipes & Fittings inside chambers.	SHT	M	09/11/14	10/11/14	09/15/14	4	B
	SUB-13-00016-SHT-243-A	Traffic Control Plan for Al Nabi Younes Intersection 6" & 8" from Sta.0+000 to Sta.1+300	SHT	P	09/11/14	10/11/14	09/22/14	11	B

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	SUB-13-00016-SHT-244-A	Traffic Control Plan from Sta.4+220 to Sta.5+500	SHT	S	09/11/14	10/11/14	09/22/14	11	B
	SUB-13-00016-SHT-245-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 7+500 to St. 8+700	SHT	S	09/11/14	10/11/14	09/18/14	7	B
	SUB-13-00016-SHT-246-A	Traffic Control Plan from Sta.7+500 to Sta.9+100	SHT	P	09/11/14	10/11/14	09/11/14	0	B
	SUB-13-00016-SHT-247-A	Shop Drawings: Storm Water : Plan, Profile& Typical Details from Sta.7+950 to Sta.8+240	SHT	S	09/17/14	10/17/14	09/29/14	12	C
	SUB-13-00016-SHT-247-B	Shop Drawings: Storm Water : Plan, Profile& Typical Details from Sta.7+950 to Sta.8+240	SHT	S	10/22/14	11/21/14	10/26/14	4	C
	SUB-13-00016-SHT-247-C	Shop Drawings: Storm Water : Plan, Profile& Typical Details from Sta.7+950 to Sta.8+240	SHT	S	11/02/14	12/02/14	11/10/14	8	B
	SUB-13-00016-SHT-248-A	Shop Drawings: Structural and Mechanical Detail for Washout Chamber at Sta.A0+620 , Washout at Sta.A1+530 and Washout at Sta.A2+230	SHT	S	09/20/14	10/20/14	09/30/14	10	B
	SUB-13-00016-SHT-249-A	Steel pipes-Tzinorot -16", 20" and 24"	SHT	M	09/20/14	10/20/14	09/21/14	1	B
	SUB-13-00016-SHT-250-A	Shop Drawings: Retaining Wall from Sta.4+345 to Sta.4+365 RHS	SHT	S	09/21/14	10/21/14	09/30/14	9	B
	SUB-13-00016-SHT-251-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 4+950 to St. 6+000	SHT	S	09/23/14	10/23/14	10/02/14	9	B
	SUB-13-00016-SHT-252-A	Shop Drawing: Structural and Mechanical detail For ARV Chamber @ Sta.2+782& ARV Chamber @Sta.3+303& ARV Chamber @Sta.3+745&Washout Chamber @Sta.2+857	SHT	S	09/28/14	10/28/14	10/16/14	18	C
	SUB-13-00016-SHT-252-B	Shop Drawing: Structural and Mechanical detail For ARV Chamber @ Sta.2+782& ARV Chamber @Sta.3+303& ARV Chamber @Sta.3+745&Washout Chamber @Sta.2+857	SHT	S	10/29/14	11/28/14	11/05/14	7	B
	SUB-13-00016-SHT-253-A	Shop Drawing: Structural and Mechanical detail For ALAROUB CAMP Connection @ Sta.0+020	SHT	S	09/28/14	10/28/14	10/16/14	18	C
	SUB-13-00016-SHT-253-B	Shop Drawing: Structural and Mechanical detail For ALAROUB CAMP Connection @ Sta.0+020	SHT	S	10/23/14	11/22/14	10/29/14	6	B
	SUB-13-00016-SHT-254-A	Shop Drawing: Structural & Mechanical Detail For Al Aroub- 75mm Washout@Sta.0+537&50mmWashout@Sta.0+540&100mm Gate Valve @ Sta.0+710	SHT	S	09/28/14	10/28/14	10/16/14	18	B
	SUB-13-00016-SHT-255-A	Shop Drawing: Structural & Mechanical Detail For Al Aroub- Gate Valve @ Sta.0+584&Gate Valve @ Sta.1+214	SHT	S	09/28/14	10/28/14	10/16/14	18	B
	SUB-13-00016-SHT-256-A	Manholes Rungs-Eyar Plast Ltd Co.	SHT	M	09/28/14	10/28/14	10/16/14	18	B
	SUB-13-00016-SHT-257-A	Shop Drawings: Water : Plan , Profile and Typical section from Sta.0+100 to Sta.0+725 -Al Nabi Younis Water Pipeline(8")	SHT	S	09/29/14	10/29/14	10/13/14	14	C
	SUB-13-00016-SHT-257-B	Shop Drawings: Water : Plan , Profile and Typical section from Sta.0+100 to Sta.0+725 -Al Nabi Younis Water Pipeline(8")	SHT	S	10/16/14	11/15/14	10/20/14	4	B
	SUB-13-00016-SHT-258-A	Shop Drawing: Structural & Mechanical Detail For Washout at Sta.5+894 , Washout at Sta.7+192 and Washout at Sta.10+600	SHT	S	09/30/14	10/30/14	10/16/14	16	C
	SUB-13-00016-SHT-258-B	Shop Drawing: Structural & Mechanical Detail For Washout at Sta.5+894 , Washout at Sta.7+192 and Washout at Sta.10+600	SHT	S	01/15/15	02/14/15	02/02/15	18	C

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	SUB-13-00016-SHT-258-C	Shop Drawing: Structural & Mechanical Detail For Washout at Sta.5+894 , Washout at Sta.7+192 and Washout at Sta.10+600	SHT	S	02/15/15	03/17/15	02/23/15	8	B
	SUB-13-00016-SHT-259-A	Shop Drawings: Structural and Mechanical Detail for ARV Chamber at Sta.4+082 ,W.O Chamber at Sta.4+593 , ARV Chamber at Sta.4+991 , ARV Chamber at Sta.5+607 , ARV Chamber at Sta.6+040 and ARV Chamber at Sta.6+600-Deer Sha'ar Main Pipeline	SHT	S	10/02/14	11/01/14	10/20/14	18	C
	SUB-13-00016-SHT-259-B	Shop Drawings: Structural and Mechanical Detail for ARV Chamber at Sta.4+082 ,W.O Chamber at Sta.4+593 , ARV Chamber at Sta.4+991 , ARV Chamber at Sta.5+607 , ARV Chamber at Sta.6+040 and ARV Chamber at Sta.6+600-Deer Sha'ar Main Pipeline	SHT	S	10/29/14	11/28/14	11/05/14	7	B
	SUB-13-00016-SHT-260-A	Shop Drawings: Structural and Mechanical Detail for Beit Ummar Connection Chamber at Sta.3+485	SHT	S	10/02/14	11/01/14	10/16/14	14	C
	SUB-13-00016-SHT-260-B	Shop Drawings: Structural and Mechanical Detail for Beit Ummar Connection Chamber at Sta.3+485	SHT	S	10/23/14	11/22/14	10/29/14	6	B
	SUB-13-00016-SHT-260-C	Shop Drawings: Structural and Mechanical Detail for Beit Ummar Connection Chamber at Sta.3+485 -For Engineering Record	SHT	S	11/30/14	12/30/14	12/10/14	10	B
	SUB-13-00016-SHT-261-A	Bolts and Nuts Sample - Torq Bolt Inc.	SHT	M	10/12/14	11/11/14	10/16/14	4	B
	SUB-13-00016-SHT-262-A	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.6+000 to Sta.6+780	SHT	S	10/12/14	11/11/14	11/11/14	30	B
	SUB-13-00016-SHT-262-B	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.6+000 to Sta.6+780 - For Engineering Record	SHT	S	11/19/14	12/19/14	12/10/14	21	B
	SUB-13-00016-SHT-262-C	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.6+000 to Sta.6+780 - For Engineering Record	SHT	S	12/18/14	01/17/15	12/23/14	5	B
	SUB-13-00016-SHT-263-A	Shop Drawings: Structural and Mechanical Detail for 200 mm Gate Valve at Sta.2+781 , 75mm Washout Chamber at Sta.2+858 , 75mm ARV Chamber at Sta.3+301 , Two 200 mm combined Gate Valve at Sta.3+490 and 75mm ARV Chamber at Sta.3+743 -Deer Sha'ar Main Pipeline	SHT	S	10/12/14	11/11/14	10/20/14	8	C
	SUB-13-00016-SHT-263-B	Shop Drawings: Structural and Mechanical Detail for 200 mm Gate Valve at Sta.2+781 , 75mm Washout Chamber at Sta.2+858 , 75mm ARV Chamber at Sta.3+301 , Two 200 mm combined Gate Valve at Sta.3+490 and 75mm ARV Chamber at Sta.3+743 -Deer Sha'ar Main Pipeline	SHT	S	10/30/14	11/29/14	11/11/14	12	B
	SUB-13-00016-SHT-264-A	Updated Construction Schedule and S-curve -September 30,2014	SHT	SCH	10/12/14	11/11/14	10/16/14	4	B
	SUB-13-00016-SHT-265-A	Traffic Control Plan from Sta.2+800 to Sta.4+200 –Beit Ummar -30'' Main Pipeline	SHT	P	10/13/14	11/12/14	10/15/14	2	B
	SUB-13-00016-SHT-266-A	Shop Drawings: Structural and Mechanical Detail for Beit Ummar Flow Monitoring Chamber at Sta.4+625	SHT	S	10/20/14	11/19/14	11/02/14	13	C
	SUB-13-00016-SHT-266-B	Shop Drawings: Structural and Mechanical Detail for Beit Ummar Flow Monitoring Chamber at Sta.4+625	SHT	S	01/04/15	02/03/15	01/19/15	15	B
	SUB-13-00016-SHT-267-A	Updated Dilapidation Survey for Al Nabi Younis Networks	SHT	P	10/20/14	11/19/14	10/26/14	6	B
	SUB-13-00016-SHT-268-A	Updated Risk Management Program for Al Nabi Younis Networks	SHT	P	10/20/14	11/19/14	10/26/14	6	B

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	SUB-13-00016-SHT-269-A	Electromagnetic flow meter at Halhaul Reservoir- Siemens-MAG 3100 –BOQ items 4.2.6, 9.1.1, 9.1.2, 9.1.3	SHT	M	10/27/14	11/26/14	10/29/14	2	B
	SUB-13-00016-SHT-270-A	Shop Drawings: Water : Plan, Profile and Typical Section from Sta.-0+036 to Sta.0+140	SHT	S	10/29/14	11/28/14	11/12/14	14	B
	SUB-13-00016-SHT-270-B	Shop Drawings: Water: Plan ,Profile and Typical Section from Sta.-0+023 to Sta.0+140 -For Engineering Record	SHT	S	02/01/15	03/03/15	02/25/15	24	B
	SUB-13-00016-SHT-271-A	Flexible electrical conduit	SHT	M	10/29/14	11/28/14	11/24/14	26	B
	SUB-13-00016-SHT-272-A	Lighting Pole- Amria lighting – BOQ item 5.05	SHT	M	10/30/14	11/29/14	11/24/14	25	C
	SUB-13-00016-SHT-273-A	Shop Drawings: Water 6" : Plan , Profile and Typical Section from Sta.0+000 to Sta.0+810 - Al Nabi Younis Water Pipeline	SHT	S	11/03/14	12/03/14	11/06/14	3	B
	SUB-13-00016-SHT-274-A	Manholes Rungs-Sample	SHT	M	11/05/14	12/05/14	11/24/14	19	C
	SUB-13-00016-SHT-274-B	Manholes Rungs-Sample	SHT	M	12/24/14	01/23/15	01/05/15	12	B
	SUB-13-00016-SHT-275-A	Updated Construction Schedule and S-curve -October 31,2014	SHT	SCH	11/09/14	12/09/14	11/17/14	8	B
	SUB-13-00016-SHT-276-A	Electrical cables for lighting poles –BOQ item No. 5.05	SHT	M	11/09/14	12/09/14	11/12/14	3	B
	SUB-13-00016-SHT-277-A	Street luminaries-lamp and accessories -BOQ item No. 5.05	SHT	M	11/09/14	12/09/14	11/12/14	3	B
	SUB-13-00016-SHT-278-A	Blow-off strainer ball valve -BOQ items 4.2.1 to 4.2.7	SHT	M	11/09/14	12/09/14	11/11/14	2	B
	SUB-13-00016-SHT-279-A	Butterfly valve-Raphael-BTF -BOQ items 4.2.6, 4.2.5, 4.6.2	SHT	M	11/12/14	12/12/14	11/19/14	7	C
	SUB-13-00016-SHT-279-B	Butterfly valve-Raphael-BTF -BOQ items 4.2.6, 4.2.5, 4.6.2	SHT	M	12/04/14	01/03/15	12/09/14	5	B
	SUB-13-00016-SHT-280-A	Gate Valve-Raphael TRL, PN 16-DN 80& DN 100 - BOQ items 4.1.4, 4.2.4, 4.2.5, 4.4.5,4.4.6 , 4.6.3 , 4.6.4	SHT	M	11/12/14	12/12/14	11/19/14	7	B
	SUB-13-00016-SHT-281-A	Shop Drawings: Stone Walls from Sta.4+335 to Sta.4+343 RHS , from Sta.4+370 to Sta.4+379 RHS , from Sta.4+386 to Sta.4+401 RHS, from Sta.4+404 to Sta.4+480 RHS, from Sta.4+483 to Sta.4+491 RHS and from Sta.4+498 to Sta.4+520 RHS	SHT	S	11/12/14	12/12/14	11/19/14	7	B
	SUB-13-00016-SHT-282-A	Shop Drawings : Stone Walls from Sta.4+440 to Sta.4+475 LHS , from Sta.4+478 to Sta.4+505 LHS and from Sta.4+509 to Sta.4+640 LHS	SHT	S	11/12/14	12/12/14	11/19/14	7	B
	SUB-13-00016-SHT-283-A	Shop Drawings: Retaining Wall from Sta.4+422 to Sta.4+440 LHS	SHT	S	11/12/14	12/12/14	11/24/14	12	C
	SUB-13-00016-SHT-283-B	Shop Drawings: Retaining Wall from Sta.4+422 to Sta.4+440 LHS	SHT	S	12/01/14	12/31/14	12/14/14	13	B
	SUB-13-00016-SHT-284-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 6+000 to St. 6+780	SHT	S	11/27/14	12/27/14	12/08/14	11	B
	SUB-13-00016-SHT-285-A	Shop Drawing: Structural and Mechanical detail For Deir Sha'ar Connection Chamber @ Sta.1+280 -Amendment to Submittal No. : SUB-13-00016-SHT-225-E	SHT	S	11/30/14	12/30/14	12/03/14	3	B
	SUB-13-00016-SHT-285-B	Shop Drawing: Structural and Mechanical detail For Deir Sha'ar Connection Chamber @ Sta.1+280 -Amendment to Submittal No. : SUB-13-00016-SHT-225-E - For Engineering Record	SHT	S	12/14/14	01/13/15	12/17/14	3	B
	SUB-13-00016-SHT-286-A	Shop Drawings: Structural and Mechanical detail for 6" ARV Chamber at Sta.8+400 , 6" ARV Chamber at Sta.8+878 and 10" ARV Chamber at Sta.9+210	SHT	S	11/30/14	12/30/14	12/22/14	22	B
	SUB-13-00016-SHT-287-A	Shop Drawings: Road :Plan , Profile and Cross Section from Sta.6+150 to Sta.6+850	SHT	S	12/02/14	01/01/15	12/11/14	9	C

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	SUB-13-00016-SHT-287-B	Shop Drawings: Road :Plan , Profile and Cross Section from Sta.6+150 to Sta.6+850	SHT	S	12/16/14	01/15/15	12/21/14	5	B
	SUB-13-00016-SHT-288-A	Shop Drawings: Water 3" : Plan , Profile and Typical section from Sta.0+000 to Sta.0+385 -Al Hawawer Water Pipeline	SHT	S	12/03/14	01/02/15	12/17/14	14	C
	SUB-13-00016-SHT-288-B	Shop Drawings: Water 3" : Plan , Profile and Typical section from Sta.0+000 to Sta.0+385 -Al Hawawer Water Pipeline	SHT	S	12/24/14	01/23/15	12/28/14	4	B
	SUB-13-00016-SHT-289-A	Shop Drawings: Structural and Mechanical Detail for Washout Chamber at Sta.2+857 -As per CMC comments on Submittal No. SUB-13-00016-SHT-252-B	SHT	S	12/03/14	01/02/15	12/16/14	13	B
	SUB-13-00016-SHT-289-B	Shop Drawings: Structural and Mechanical Detail for Washout Chamber at Sta.2+857 -As per CMC comments on Submittal No. SUB-13-00016-SHT-252-B- For Engineering Record	SHT	S	02/11/15	03/13/15	02/23/15	12	B
	SUB-13-00016-SHT-290-A	Traffic Control Plan for Al Nabi Younes Intersection 4" from Sta.0+000 to Sta.0+600	SHT	P	12/09/14	01/08/15	12/14/14	5	B
	SUB-13-00016-SHT-291-A	Dilapidation Survey for Al Ramooz -Al Nabi Younis 4" Network	SHT	P	12/08/14	01/07/15	12/09/14	1	B
	SUB-13-00016-SHT-292-A	Risk Management Program for Al Ramooz -Al Nabi Younis 4" Network	SHT	P	12/08/14	01/07/15	12/09/14	1	B
	SUB-13-00016-SHT-293-A	Concrete curing compound material	SHT	M	12/08/14	01/07/15	12/11/14	3	B
	SUB-13-00016-SHT-294-A	Pressure Gauge-Wika	SHT	M	12/08/14	01/07/15	12/18/14	10	B
	SUB-13-00016-SHT-295-A	Updated Construction Schedule and S-curve -November 30,2014	SHT	SCH	12/08/14	01/07/15	12/22/14	14	B
	SUB-13-00016-SHT-296-A	New source of Bedding materials (Somsom)	SHT	M	12/10/14	01/09/15	12/11/14	1	B
	SUB-13-00016-SHT-297-A	Shop Drawings: Structural and Mechanical Detail for: Beit Ummar Connection & Washout at Sta.2+290 –and Al Aroub Connection at Sta.0+204	SHT	S	12/11/14	01/10/15	12/24/14	13	C
	SUB-13-00016-SHT-297-B	Shop Drawings: Structural and Mechanical Detail for: Beit Ummar Connection & Washout at Sta.2+290 –and Al Aroub Connection at Sta.0+204	SHT	S	01/04/15	02/03/15	01/17/15	13	B
	SUB-13-00016-SHT-298-A	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.9+415 to Sta.10+730	SHT	S	12/11/14	01/10/15	12/30/14	19	C
	SUB-13-00016-SHT-298-B	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.9+415 to Sta.10+730	SHT	S	01/05/15	02/04/15	01/22/15	17	B
	SUB-13-00016-SHT-298-C	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.9+415 to Sta.10+730 - For Engineering Record	SHT	S	01/27/15	02/26/15	01/28/15	1	B
	SUB-13-00016-SHT-299-A	Washout Flap Valve-ARI - BOQ items 4.6.1, 4.6.2, 4.6.3,4.6.4 &4.6.5	SHT	M	12/11/14	01/10/15	12/18/14	7	B
	SUB-13-00016-SHT-300-A	6" high density Poly-Ethylene Pipes -Palestine Plastic Industries Co.	SHT	M	12/14/14	01/13/15	12/18/14	4	B
	SUB-13-00016-SHT-301-A	400 mm UPVC pipes SN 8 - Royal Co. to be used in item 4.01.a	SHT	M	12/15/14	01/14/15	12/24/14	9	B
	SUB-13-00016-SHT-302-A	Storm water pipes- PCP factory	SHT	M	12/17/14	01/16/15	12/24/14	7	B
	SUB-13-00016-SHT-303-A	Shop Drawings: Storm Water : Plan , Profile and Typical Details from Sta.7+180 to Sta.7+240 and from Sta.7+300 to Sta.7+345	SHT	S	12/18/14	01/17/15	12/30/14	12	C
	SUB-13-00016-SHT-303-B	Shop Drawings: Storm Water : Plan , Profile and Typical Details from Sta.7+180 to Sta.7+240 and from Sta.7+300 to Sta.7+345	SHT	S	01/06/15	02/05/15	01/12/15	6	B

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	SUB-13-00016-SHT-304-A	A second third party source for Radiography and ultrasound testing	SHT	P	12/21/14	01/20/15	12/22/14	1	A
	SUB-13-00016-SHT-305-A	Curb inlet for Sidewalk from Al Waleed Co.	SHT	M	12/24/14	01/23/15	01/12/15	19	B
	SUB-13-00016-SHT-306-A	Cover for Storm water	SHT	M	12/24/14	01/23/15	01/12/15	19	B
	SUB-13-00016-SHT-307-A	Dilapidation Survey for the new alignment from Sta.9+400 to 12+000	SHT	P	12/24/14	01/23/15	01/04/15	11	B
	SUB-13-00016-SHT-308-A	Risk Management Program for the new alignment from Sta.9+400 to 12+000	SHT	P	12/24/14	01/23/15	01/04/15	11	B
	SUB-13-00016-SHT-309-A	Traffic Control Plan from Sta.6+280 to Sta.6+820-Deer Shaar Main Pipeline	SHT	P	12/28/14	01/27/15	01/04/15	7	B
	SUB-13-00016-SHT-310-A	UT test results for four joints performed by Gabi Shoef	SHT	P	12/29/14	01/28/15	01/11/15	13	A
	SUB-13-00016-SHT-311-A	Nitocote EP405 -Coating material Epoxy non coated pipes	SHT	M	12/29/14	01/28/15	01/04/15	6	E
	SUB-13-00016-SHT-312-A	Traffic Control Plan from Sta.0+000 to Sta.0+400 for 3' Al Hawawer Water Pipeline	SHT	P	12/29/14	01/28/15	01/04/15	6	B
	SUB-13-00016-SHT-313-A	Shop Drawings: Structural and Mechanical Detail for Karmi Tzure Connection Chamber at Sta.6+240	SHT	S	12/29/14	01/28/15	01/17/15	19	C
	SUB-13-00016-SHT-313-B	Shop Drawings: Structural and Mechanical Detail for Karmi Tzure Connection Chamber at Sta.6+240	SHT	S	01/21/15	02/20/15	02/02/15	12	B
	SUB-13-00016-SHT-314-A	Shop Drawings: Retaining Wall from Sta.3+150 to Sta.3+205 RHS	SHT	S	12/31/14	01/30/15	01/19/15	19	C
	SUB-13-00016-SHT-314-B	Shop Drawings: Retaining Wall from Sta.3+150 to Sta.3+220 RHS	SHT	S	01/26/15	02/25/15	02/08/15	13	B
	SUB-13-00016-SHT-315-A	Power and Control cables -BOQ item No. 9.5	SHT	M	12/31/14	01/30/15	01/11/15	11	C
	SUB-13-00016-SHT-316-A	Qualification for electrical and instrumentation supplier- IC Systems Co ltd, For Industrial Control Systems	SHT	P	01/04/15	02/03/15	01/11/15	7	A
	SUB-13-00016-SHT-317-A	Shop Drawings: Structural & Mechanical Detail for: Connection to existing MD10 at Sta.3+780, 2" ARV at Sta.4+082 and W.O & G.V @ Sta.4+590	SHT	S	01/04/15	02/03/15	01/19/15	15	B
	SUB-13-00016-SHT-318-A	Updated Construction Schedule and S-Curve- December 31,2014	SHT	SCH	01/06/15	02/05/15	01/21/15	15	B
	SUB-13-00016-SHT-319-A	Shop Drawings : Structural and Mechanical Detail for 100mm G.V at Sta.6+820 , 75mm ARV at Sta.8+397 and 75mm ARV at Sta.9+210	SHT	S	01/14/15	02/13/15	01/17/15	3	B
	SUB-13-00016-SHT-320-A	Halhaul Tank electrical panel –BOQ item No. 9.4	SHT	M	01/13/15	02/12/15	02/04/15	22	C
	SUB-13-00016-SHT-321-A	Drainage manhole and Catch Basin –PCP Co.- BOQ items 4.02.a and 4.03.a	SHT	M	01/18/15	02/17/15	01/28/15	10	B
	SUB-13-00016-SHT-322-A	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.10+730 to Sta.11+610	SHT	S	01/18/15	02/17/15	01/25/15	7	C
	SUB-13-00016-SHT-322-B	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.10+730 to Sta.11+610	SHT	S	01/28/15	02/27/15	02/01/15	4	B
	SUB-13-00016-SHT-323-A	Structural and Mechanical detail for Halhul Main Connection Chamber and Halhul Connection to Existing at Sta.8+890	SHT	S	01/18/15	02/17/15	02/01/15	14	C
	SUB-13-00016-SHT-323-B	Structural and Mechanical detail for Halhul Main Connection Chamber and Halhul Connection to Existing at Sta.8+890	SHT	S	02/16/15	03/18/15	02/23/15	7	C
	SUB-13-00016-SHT-324-A	Bladder Surge Tank -Wessels - BOQ item No. 8.1	SHT	M	01/18/15	02/17/15	01/25/15	7	B
	SUB-13-00016-SHT-324-B	Bladder Surge Tank -Wessels - BOQ item No. 8.1 -For Engineering Record	SHT	M	02/24/15	03/26/15		PE	
	SUB-13-00016-SHT-325-A	Dilapidation Survey for Al Hawawer 3" Network	SHT	P	01/21/15	02/20/15	01/22/15	1	B

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	SUB-13-00016-SHT-326-A	AVROT - Paladex Pipe	SHT	M	01/21/15	02/20/15	01/26/15	5	B
	SUB-13-00016-SHT-327-A	Shop Drawings: Structural and Mechanical detail for Halhul Reservoir Flow Monitoring Chamber at Sta.11+930	SHT	S	01/22/15	02/21/15	01/29/15	7	C
	SUB-13-00016-SHT-327-B	Shop Drawings: Structural and Mechanical detail for Halhul Reservoir Flow Monitoring Chamber at Sta.11+900	SHT	S	02/09/15	03/11/15	02/16/15	7	B
	SUB-13-00016-SHT-328-A	Shop Drawings: Structural & Mechanical Detail for :10" Indirect Washout at Sta.9+600, 6" Indirect ARV at Sta.9+680 and 6" Indirect ARV at Sta. 10+460	SHT	S	01/28/15	02/27/15	02/09/15	12	B
	SUB-13-00016-SHT-329-A	Electrical panel for water metering chambers – BOQ items 4.2.1 to 4.2.7	SHT	M	01/29/15	02/28/15	02/09/15	11	B
	SUB-13-00016-SHT-330-A	Revised Construction Schedule & S-Curve - (January 31, 2015)	SHT	SCH	02/03/15	03/05/15	02/25/15	22	C
	SUB-13-00016-SHT-331-A	Shop Drawings: Stone Wall from Sta.7+425 to Sta.7+430 RHS - As per CMC comments on Submittal No. (SUB-13-00016-SHT-199-B)	SHT	S	02/04/15	03/06/15	02/18/15	14	C
	SUB-13-00016-SHT-332-A	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.11+610 to Sta.12+000	SHT	S	02/09/15	03/11/15	02/18/15	9	C
	SUB-13-00016-SHT-333-A	Material source of Crushed Limestone Aggregates (Somsom Size) from Al Rajabei Crusher Plant	SHT	M	02/09/15	03/11/15	02/10/15	1	B
	SUB-13-00016-SHT-334-A	Material source of Crushed Limestone Aggregates (Somsom Size) from Al Halayqa Crusher Plant	SHT	M	02/09/15	03/11/15	02/10/15	1	B
	SUB-13-00016-SHT-335-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 9+400 to St. 10+700	SHT	S	02/09/15	03/11/15	02/15/15	6	B
	SUB-13-00016-SHT-336-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 10+700 to St. 11+610	SHT	S	02/09/15	03/11/15	02/15/15	6	B
	SUB-13-00016-SHT-337-A	Shop Drawings: Structural and Mechanical Detail for Connection to Existing for Zaboud Sta.1+111	SHT	S	02/11/15	03/13/15	02/16/15	5	C
	SUB-13-00016-SHT-338-A	Shop Drawings: Structural and Mechanical Detail for Connection to Existing for Shahera Sta.1+111	SHT	S	02/11/15	03/13/15	02/16/15	5	C
	SUB-13-00016-SHT-338-B	Shop Drawings: Structural and Mechanical Detail for Connection to Existing for Shahera Sta.1+111	SHT	S	02/19/15	03/21/15	02/23/15	4	B
	SUB-13-00016-SHT-339-A	Shop Drawings: Structural and Mechanical Detail for Al Nabi Younis Gate Valve and Washout at Sta. 0+815	SHT	S	02/11/15	03/13/15	02/16/15	5	B
	SUB-13-00016-SHT-340-A	Shop Drawings: Structural and Mechanical Detail for 75mm Washout at Shahera Sta.0+557	SHT	S	02/11/15	03/13/15	02/16/15	5	B
	SUB-13-00016-SHT-341-A	Shop Drawings: Structural and Mechanical Detail for Al Nabi Younis Connection to Existing at Sta.0+000	SHT	S	02/11/15	03/13/15	02/16/15	5	C
	SUB-13-00016-SHT-341-B	Shop Drawings: Structural and Mechanical Detail for Al Nabi Younis Connection to Existing at Sta.0+000	SHT	S	02/19/15	03/21/15		PE	
	SUB-13-00016-SHT-342-A	Shop Drawings: Structural and Mechanical Detail for Al Nabi Younis Connection to Existing at Sta.0+780	SHT	S	02/11/15	03/13/15	02/16/15	5	B
	SUB-13-00016-SHT-343-A	Traffic Control Plan from Sta.9+400 to Sta. 12+007	SHT	P	02/11/15	03/13/15	02/16/15	5	B

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	SUB-13-00016-SHT-344-A	Shop Drawings: Storm Water : Plan, Profile& Typical Details from Sta.7+940 to Sta.8+570- As per Site Memo No. SM-13-00016-E-C-041- Amendment to Submittal No. SUB-13-00016-SHT-247-C	SHT	S	02/17/15	03/19/15	02/26/15	9	C
	SUB-13-00016-SHT-345-A	Shop Drawings: Structural and Mechanical detail for: 6" Indirect ARV at Sta.11+210 and 10" Indirect W.O. at Sta.11+390	SHT	S	02/17/15	03/19/15	02/25/15	8	C
	SUB-13-00016-SHT-346-A	Shop Drawings: Structural and Mechanical Detail for Halhul Reservoir Connection at Sta.11+850	SHT	S	02/17/15	03/19/15	02/25/15	8	C
	SUB-13-00016-SHT-347-A	As Built Drawings for Road Works from Sta.0+150 to Sta.2+700	SHT	S	02/18/15	03/20/15		PE	
	SUB-13-00016-SHT-348-A	Test certificates of TorqBolt fasteners -As per CMC comments on Submittal No. SUB-13-00016-SHT-240-A	SHT	M	02/19/15	03/21/15		PE	
	SUB-13-00016-SHT-349-A	Flanges test certificates-As per CMC comments on Submittals: SUB-13-00016-SHT-189-A and SUB-13-00016-SHT-052-B	SHT	M	02/19/15	03/21/15	02/25/15	6	A

DV = Division A= No Exceptions Noted B = Make Corrections Noted C = Amend-Resubmit D= Rejected-Resubmit E= Review Not Required

p= preconstruction - S= Shop drawings - M= Materials -O= Others

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APCO/ArCon CONSTRUCTION AND SERVICES

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	TEST-13-00016-SHT-001-A	Concrete Compressive Strength for Pad Concrete (Blinding) Report# BM/CT/14168 - 7 days	SHT	02/24/14	03/26/14	02/27/14	3	B
	TEST-13-00016-SHT-002-A	Steel at Halhul Site Report# BM/STL/14012 (25Ø)	SHT	02/25/14	03/27/14	02/27/14	2	B
	TEST-13-00016-SHT-003-A	Steel at Halhul Site Report# BM/STL/14015 (12,14,16,20 Ø)	SHT	02/25/14	03/27/14	02/27/14	2	B
	TEST-13-00016-SHT-004-A	Concrete Compressive Strength for Footing of the Retaining Between Stations (7+095-7+170) Report# BM/CT/14250 - 7 days	SHT	03/09/14	04/08/14	03/12/14	3	A
	TEST-13-00016-SHT-005-A	Concrete Compressive Strength for Pad Concrete (Blinding) Report# BM/CT/14168 - 28 days	SHT	03/16/14	04/15/14	03/16/14	0	A
	TEST-13-00016-SHT-006-A	Concrete Compressive Strength for Retaining Walls Between Stations (7+096-7+107) & (7+118-7+129)/Al Hawawreh Street/Halhoul CityReport# BM/CT/14301- 7days	SHT	03/18/14	04/17/14	03/18/14	0	A
	TEST-13-00016-SHT-007-A	Concrete Compressive Strength for Retaining Walls Between Stations (7+140-7+151) & (7+160-7+170)/Al Hawawreh Street/Halhoul City Report# BM/CT/14312- 7days	SHT	03/23/14	04/22/14	03/23/14	0	A
	TEST-13-00016-SHT-008-A	Concrete Compressive Strength for Footing of the Retaining Between Stations (7+095-7+170) Report# BM/CT/14250 - 28 days	SHT	04/01/14	05/01/14	04/02/14	1	A
	TEST-13-00016-SHT-009-A	Concrete Compressive Strength for Retaining Walls Between Stations (7+129-7+140) & (7+150-7+160) LHS/Al Hawawreh Street/Halhoul City- Report# BM/CT/14361- 7 days	SHT	04/09/14	05/09/14	04/13/14	4	A
	TEST-13-00016-SHT-010-A	Concrete Compressive Strength for Retaining Walls Between Stations (7+096-7+107) & (7+118-7+129)/Al Hawawreh Street/Halhoul City Report# BM/CT/14301 - 28 days	SHT	04/09/14	05/09/14	04/13/14	4	A
	TEST-13-00016-SHT-011-A	Concrete Compressive Strength for Retaining Wall Between Stations (7+107-7+118)/Al Hawawreh Street/Halhoul City- Report# BM/CT/14354- 7 days	SHT	04/09/14	05/09/14	04/13/14	4	A
	TEST-13-00016-SHT-012-A	Concrete Compressive Strength Report for Retaining Walls Between Stations (7+140-7+151) & (7+160-7+170)/Al Hawawreh Street/Halhoul City. Report # BM/CT/14312- 28 days	SHT	04/10/14	05/10/14	04/13/14	3	A
	TEST-13-00016-SHT-013-A	Concrete Compressive Strength for Lean Pad Concrete for the Footing of the Retaining Wall Between Stations (7+449-7+505)/Al Hawawreh Street/Halhoul City. Report# BM/CT/14411- 7days	SHT	04/15/14	05/15/14	04/16/14	1	A
	TEST-13-00016-SHT-014-A	Concrete Compressive Strength for Lean Pad Concrete for the Footings of the Retaining Walls Between Stations (7+389-7+420) & (7+441-7+449) /Al Hawawreh Street/Halhoul City. Report# BM/CT/14427- 7days	SHT	04/21/14	05/21/14	04/21/14	0	A
	TEST-13-00016-SHT-015-A	Steel Report# BM/STL/14025 (22Ø)	SHT	04/21/14	05/21/14	04/23/14	2	A
	TEST-13-00016-SHT-016-A	Concrete Compressive Strength for Retaining Wall Between Stations (7+107-7+118)/Al Hawawreh Street/Halhoul City- Report# BM/CT/14354- 28 days	SHT	04/24/14	05/24/14	04/29/14	5	A
	TEST-13-00016-SHT-017-A	Concrete Compressive Strength for Retaining Walls Between Stations (7+129-7+140) & (7+150-7+160) LHS/Al Hawawreh Street/Halhoul City- Report# BM/CT/14361 - 28 days	SHT	04/24/14	05/24/14	04/29/14	5	A
	TEST-13-00016-SHT-018-A	Concrete Compressive Strength for Footing of the Retaining Wall Between Stations (7+390-7+418) /Al Hawawreh Street/Halhoul City. Report# BM/CT/14457 - 7 days	SHT	04/24/14	05/24/14	04/29/14	5	A
	TEST-13-00016-SHT-019-A	Concrete Compressive Strength for Footing of the Retaining Walls Between Stations (7+445-7+505) /Al Hawawreh Street/Halhoul City. Report# BM/CT/14436 - 7 days	SHT	04/24/14	05/24/14	04/29/14	5	A
	TEST-13-00016-SHT-020-A	Soil & Soil Aggregate Material Report # ST/14156 – Deir Shaar Main pipeline at st.7+350	SHT	05/04/14	06/03/14	05/06/14	2	A
	TEST-13-00016-SHT-021-A	Concrete Compressive Strength for Lean Concrete Pad of the Retaining Wall Between Stations (7+310-7+365) /Al Hawawreh Street/Halhoul City Report#BM/CT/14496 - 7 days	SHT	05/05/14	06/04/14	05/06/14	1	A
	TEST-13-00016-SHT-022-A	Concrete Compressive Strength for Footings of the Retaining Walls Between Stations (7+389-7+390.6) & (7+440-7+445) /Al Hawawreh Street/Halhoul City Report#BM/CT/14472- 7 days	SHT	05/05/14	06/04/14	05/06/14	1	A
	TEST-13-00016-SHT-023-A	Concrete Compressive Strength for Retaining Wall Between Stations (7+447-7+457) & (7+468-7+479) /Al Hawawreh Street/Halhoul CityReport# BM/CT/14495- 7 days	SHT	05/05/14	06/04/14	05/06/14	1	A
	TEST-13-00016-SHT-024-A	Concrete Compressive Strength for Lean Pad Concrete for the Footings of the Retaining Walls Between Stations (7+389-7+420) & (7+441-7+449) /Al Hawawreh Street/Halhoul City Report# BM/CT/14427- 28 days	SHT	05/12/14	06/11/14	05/14/14	2	A

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Spec. No.	Submittal No	Description	DV	Submitted on (M/D/Y)	Return Date AS Contract	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	TEST-13-00016-SHT-025-A	Concrete Compressive Strength for Lean Concrete Pad for the Retaining Wall Between Stations (7+270-7+310)LHS /Al Hawawreh Street/Halhoul City Report# BM/CT/14514- 7 days	SHT	05/12/14	06/11/14	05/14/14	2	A
	TEST-13-00016-SHT-026-A	Concrete Compressive Strength for Retaining Wall Between Stations (7+490-7+500) LHS /Al Hawawreh Street/Halhoul City Report# BM/CT/14513- 7 days	SHT	05/12/14	06/11/14	05/14/14	2	A
	TEST-13-00016-SHT-027-A	Concrete Compressive Strength for Footing for the Retaining Wall Between Stations (7+445-7+505) /Al Hawawreh Street/Halhoul City Report# BM/CT/14436- 28 days	SHT	05/12/14	06/11/14	05/14/14	2	A
	TEST-13-00016-SHT-028-A	Bedding Material Aggregate for Stockpiling Area At The Project Site At Station 0+800 Report# BM/QC/14063	SHT	05/22/14	06/21/14	05/26/14	4	C
	TEST-13-00016-SHT-028-B	Bedding Material for Beit Ummar Network 8" Pipeline from Sta.0+300 to Sta.0+800- Report# BM/QC/14063	SHT	07/17/14	08/16/14			A
	TEST-13-00016-SHT-029-A	Bedding Material Aggregate for Single Size Aggregate (Homos). Deir Sha'ar Main Pipeline At Station 0+800 Report# BM/QC/14062	SHT	05/22/14	06/21/14	05/26/14	4	C
	TEST-13-00016-SHT-029-B	Single siza materail for Beit Ummar Network 8" Pipeline from Sta.0+300 to Sta.0+800- Report# BM/QC/14062	SHT	07/17/14	08/16/14			A
	TEST-13-00016-SHT-030-A	Concrete Compressive Strength for Footing of the Retaining Wall Between Stations (7+390-7+418) /Al Hawawreh Street/Halhoul City. Report# BM/CT/14457 - 28 days	SHT	05/22/14	06/21/14	05/26/14	4	A
	TEST-13-00016-SHT-031-A	Concrete Compressive Strength Report# BM/CT/14553 – 7 days Footing of the Retaining Wall Between Stations (7+330-7+362) /Al Hawawreh Street/Halhoul City	SHT	06/04/14	07/04/14	06/04/14	0	A
	TEST-13-00016-SHT-032-A	Concrete Compressive Strength Report# BM/CT/14554 – 7 days Retaining Wall Between Stations (7+407-7+417) /Al Hawawreh Street/Halhoul City	SHT	06/04/14	07/04/14	06/04/14	0	A
	TEST-13-00016-SHT-033-A	Concrete Compressive Strength Report# BM/CT/14587– 7 days Retaining Wall Between Stations (7+479.12-7+488.99) and (7+457.22-7+464.19)/Al Hawawreh Street/Halhoul City	SHT	06/04/14	07/04/14	06/04/14	0	A
	TEST-13-00016-SHT-034-A	Concrete Compressive Strength Report# BM/CT/14586– 7 days Footing of the Retaining Wall Between Stations (7+316-7+322) /Al Hawawreh Street/Halhoul City	SHT	06/04/14	07/04/14	06/04/14	0	A
	TEST-13-00016-SHT-035-A	Concrete Compressive Strength Report# BM/CT/14496– 28 days Lean Concrete Pad of the Retaining Wall Between Stations (7+310-7+365) /Al Hawawreh Street/Halhoul City	SHT	06/08/14	07/08/14	06/08/14	0	A
	TEST-13-00016-SHT-036-A	Concrete Compressive Strength Report# BM/CT/14495– 28 days Retaining Wall Between Stations (7+447-7+457) & (7+468-7+479) /Al Hawawreh Street/Halhoul City	SHT	06/08/14	07/08/14	06/08/14	0	A
	TEST-13-00016-SHT-037-A	Concrete Compressive Strength Report# BM/CT/14513– 28 days Retaining Wall Between Stations (7+490-7+500)LHS /Al Hawawreh Street/Halhoul City	SHT	06/08/14	07/08/14	06/08/14	0	A
	TEST-13-00016-SHT-038-A	Concrete Compressive Strength Report# BM/CT/14514– 28 days Lean Concrete Pad for the Retaining Wall Between Stations (7+270-7+310)LHS /Al Hawawreh Street/Halhoul City	SHT	06/08/14	07/08/14	06/08/14	0	A
	TEST-13-00016-SHT-039-A	Concrete Compressive Strength Report# BM/CT/14608 – 7 days Footing of the Retaining Wall Between Stations (7+280.87-7+259.98)/Al Hawawreh Street/Halhoul City	SHT	06/08/14	07/08/14	06/08/14	0	A
	TEST-13-00016-SHT-040-A	Concrete Compressive Strength Report# BM/CT/14609– 7 days Retaining Wall Between Stations (7+389.32-7+398)/Al Hawawreh Street/Halhoul City	SHT	06/08/14	07/08/14	06/08/14	0	A
	TEST-13-00016-SHT-041-A	Concrete Compressive Strength Report# BM/CT/14624– 7 days Retaining Wall Between Stations (7+500-7+505)/Al Hawawreh Street/Halhoul City	SHT	06/08/14	07/08/14	06/08/14	0	A
	TEST-13-00016-SHT-042-A	Concrete Compressive Strength Report# BM/CT/14625– 7 days Footing of the Retaining Wall Between Stations (7+237-7+259)/Al Hawawr Street/Halhoul City	SHT	06/08/14	07/08/14	06/08/14	0	A

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. AID-294-TO-12-00005
TASK ORDER #16, Deir Sha'ar Main Pipeline Project (SHT)

SUBMITTAL				TRACKING DATES				Approval Status
Spec. No.	Submittal No	Description	DV	Submitted on (M/D/Y)	Return Date AS Contract	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	TEST-13-00016-SHT-043-A	**Base Course / Loose Sample** – Deir Sha'ar Main Pipeline (Halhoul - A'syoon) at Station 1+000 - Report# ST/14241	SHT	06/09/14	07/09/14	06/09/14	0	C
	TEST-13-00016-SHT-043-B	Soil and Soil Aggregate Materials -Base Course / Loose Sample Report # ST/14241 – Beit Ummer Network 8" Pipeline Between Stations (1+000 & 1+500)	SHT	07/06/14	08/05/14	07/10/14	4	A
	TEST-13-00016-SHT-044-A	**Base Course / Loose Sample –** Stockpiling area at the Crusher Plant - Report# ST/14212	SHT	06/09/14	07/09/14	06/09/14	0	C
	TEST-13-00016-SHT-044-B	Soil and Soil Aggregate Materials-Base Course / Loose Sample – Beit Ummer Network 8" Pipeline Between Stations (0+300 & 0+800)- Report# ST/14212	SHT	07/06/14	08/05/14	07/10/14	4	A
	TEST-13-00016-SHT-045-A	Concrete Compressive Strength Report# BM/CT/14636– 7 days Retaining Wall Between Stations (7+346-7+356))/Al Hawawreh Street/Halhoul City	SHT	06/15/14	07/15/14	06/23/14	8	A
	TEST-13-00016-SHT-046-A	Concrete Compressive Strength Report# BM/CT/14646– 7 days Retaining Wall Between Stations (7+347-7+356))/Al Hawawreh Street/Halhoul City	SHT	06/15/14	07/15/14	06/23/14	8	A
	TEST-13-00016-SHT-047-A	Concrete Compressive Strength Report# BM/CT/14649– 7 days Retaining Wall Between Stations (7+398-7+407.05))/Al Hawawreh Street/Halhoul City	SHT	06/15/14	07/15/14	06/23/14	8	A
	TEST-13-00016-SHT-048-A	Concrete Compressive Strength Report# BM/CT/14553– 7 days Footing of the Retaining Wall Between Stations (7+330-7+362) /Al Hawawreh Street/Halhoul City	SHT	06/15/14	07/15/14	06/23/14	8	A
	TEST-13-00016-SHT-049-A	Concrete Compressive Strength Report# BM/CT/14554– 28 days Retaining Wall Between Stations (7+407-7+417) /Al Hawawreh Street/Halhoul City	SHT	06/15/14	07/15/14	06/23/14	8	A
	TEST-13-00016-SHT-050-A	**Fill Materials** / 1st Layer - Density of Soil Report # ST/FD/14305 - Deir Sha'ar Main Pipeline Between Stations (7+093 & 7+175) LHS / 1st Layer / Behind Retaining Wall	SHT	06/26/14	07/26/14	07/09/14	13	A
	TEST-13-00016-SHT-051-A	**Fill Materials** / 2nd Layer - Density of Soil Report # ST/FD/14322 - Deir Sha'ar Main Pipeline Between Stations (7+093 & 7+170) LHS / 2ndLayer / Behind Retaining Wall	SHT	06/26/14	07/26/14	07/09/14	13	A
	TEST-13-00016-SHT-052-A	Aggregate Report # BM/QC/14066 - Beit Ummer Network 8" Pipeline Between Stations (1+000 & 1+500)	SHT	06/26/14	07/26/14	07/09/14	13	A
	TEST-13-00016-SHT-053-A	**Fill Materials** / 4th Layer - Density of Soil Report # ST/FD/14338 - Deir Sha'ar Main Pipeline Between Stations (7+100 & 7+150) LHS / 4thLayer / Behind Retaining Wall	SHT	06/26/14	07/26/14	07/09/14	13	A
	TEST-13-00016-SHT-054-A	**Fill Materials** / 1st & 5th Layer - Density of Soil Report # ST/FD/14343 - Deir Sha'ar Main Pipeline Between Stations (7+135 & 7+193) LHS / 5th Layer & - Deir Sha'ar Main Pipeline Between Stations (7+450 & 7+470) / 1st Layer	SHT	06/26/14	07/26/14	07/09/14	13	A
	TEST-13-00016-SHT-055-A	Bedding Material Aggregate Report # BM/QC/14067 - Beit Ummer Network 8" Pipeline Between Stations (1+000 & 1+500)	SHT	07/06/14	08/05/14	07/10/14	4	A
	TEST-13-00016-SHT-056-A	Bedding Material Aggregate Report # BM/QC/14069 - Beit Ummer Network 8" Main Pipeline Between Stations (1+600 & 2+100)	SHT	07/06/14	08/05/14	07/10/14	4	A
	TEST-13-00016-SHT-057-A	Fill Materials - Aggregate Report # BM/QC/14070 - Beit Ummer Network 8" Main Pipeline Between Stations (1+600 & 2+100) - Single Size Aggregate	SHT	07/06/14	08/05/14	07/10/14	4	A
	TEST-13-00016-SHT-058-A	Fill Materials -Single Size Aggregate- Aggregate Report # BM/QC/14073 - Deir Sha'ar Main Pipeline 30" Between Stations (0+700 & 1+200)	SHT	07/06/14	08/05/14	07/10/14	4	A
	TEST-13-00016-SHT-059-A	Radiographic Examination Interpretation Report No. 8138776/14 for 30" Welded Joints J1 22R at St. 1+018.34 and J2 23R at St. 1+006.15- Negative films were submitted at BV main office	SHT	07/16/14	08/15/14	07/24/14	8	A
	TEST-13-00016-SHT-060-A	Concrete Compressive Strength Report# BM/CT/14701– 7 days Retaining Wall Between Stations (7+288-7+298) /Al Hawawreh Street/Halhoul City	SHT	07/17/14	08/16/14	07/21/14	4	A
	TEST-13-00016-SHT-061-A	Concrete Compressive Strength Report# BM/CT/14692– 7 days -First Stage Retaining Wall Between Stations (7+308-7+318) /Al Hawawreh Street/Halhoul City	SHT	07/17/14	08/16/14	07/21/14	4	A
	TEST-13-00016-SHT-062-A	Concrete Compressive Strength Report# BM/CT/14697– 7 days -Second Stage Retaining Wall Between Stations (7+308-7+318) /Al Hawawreh Street/Halhoul City	SHT	07/17/14	08/16/14	07/21/14	4	A

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	TEST-13-00016-SHT-063-A	Concrete Compressive Strength Report# BM/CT/14578– 28 days -Retaining Wall Between Stations (7+280-7+330) /Al Hawawreh Street/Halhoul City	SHT	07/17/14	08/16/14	07/21/14	4	A
	TEST-13-00016-SHT-064-A	Concrete Compressive Strength Report# BM/CT/14586– 28 days -Footing of Retaining Wall Between Stations (7+316-7+322) /Al Hawawreh Street/Halhoul City	SHT	07/17/14	08/16/14	07/21/14	4	A
	TEST-13-00016-SHT-065-A	Concrete Compressive Strength Report# BM/CT/14587– 28 days -Retaining Wall Between Stations (7+479.12 - 7+488.99 and 7+457 - 7+464.19) /Al Hawawreh Street/Halhoul City	SHT	07/17/14	08/16/14	07/21/14	4	A
	TEST-13-00016-SHT-066-A	Concrete Compressive Strength Report# BM/CT/14608– 28 days -Footing of Retaining Wall Between Stations (7+280.87-7+259.98) /Al Hawawreh Street/Halhoul City	SHT	07/17/14	08/16/14	07/21/14	4	A
	TEST-13-00016-SHT-067-A	Concrete Compressive Strength Report# BM/CT/14609– 28 days -Retaining Wall Between Stations (7+389.32 - 7+398) /Al Hawawreh Street/Halhoul City	SHT	07/17/14	08/16/14	07/21/14	4	A
	TEST-13-00016-SHT-068-A	Bedding Material Aggregate -Cruched Limestone Aggregates - Report # BM/QC/14075- Deir Sha'ar Main Pipeline 30" Between Stations (0+700 & 1+200)	SHT	07/17/14	08/16/14	08/05/14	19	A
	TEST-13-00016-SHT-069-A	Bedding Material Aggregate -Cruched Limestone Aggregates- Report # BM/QC/14076 - Halhul Network 8" Pipeline Zabood between Stations (0+600 & 1+100)	SHT	07/17/14	08/16/14	08/05/14	19	A
	TEST-13-00016-SHT-070-A	Fill Materials / Trench Backfill -Single size Aggregate Report # BM/QC/14077 - Halhul Network 8" Pipeline Zabood between Stations (0+600 & 1+100)	SHT	07/17/14	08/16/14	08/05/14	19	A
	TEST-13-00016-SHT-071-A	Fill Materials / Trench Backfill -Single size Aggregate- Report # BM/QC/14078 -Deir Sha'ar Main Pipeline 30" Between Stations (0+200 & 0+700)	SHT	07/17/14	08/16/14	08/05/14	19	A
	TEST-13-00016-SHT-072-A	Bedding Material Aggregate -Cruched Limestone Aggregates- Report # BM/QC/14079 -Deir Sha'ar Main Pipeline 30" Between Stations (0+200 & 0+700)	SHT	07/17/14	08/16/14	08/05/14	19	A
	TEST-13-00016-SHT-073-A	Base Course / Loose Sample – Beit Ummer Network 8" Pipeline Between Stations (1+600 & 2+100) - Report# ST/14255	SHT	07/17/14	08/16/14	08/05/14	19	A
	TEST-13-00016-SHT-074-A	Concrete Compressive Strength for Lean Pad Concrete for the Footing of the Retaining Wall Between Stations (7+449-7+505)/Al Hawawreh Street/Halhoul City. Report# BM/CT/14411- 28 days	SHT	07/19/14	08/18/14	07/21/14	2	A
	TEST-13-00016-SHT-075-A	Concrete Compressive Strength Report# BM/CT/14701– 28 days Retaining Wall Between Stations (7+288-7+298) /Al Hawawreh Street/Halhoul City/first stage	SHT	07/20/14	08/19/14	07/21/14	1	A
	TEST-13-00016-SHT-076-A	Concrete Compressive Strength Report# BM/CT/14724– 28 days Retaining Wall Between Stations (7+288-7+298) /Al Hawawreh Street/Halhoul City/ Second stage	SHT	07/20/14	08/19/14	07/24/14	4	A
	TEST-13-00016-SHT-077-A	Concrete Compressive Strength Report# BM/CT/14726– 28 days Retaining Wall Between Stations (7+268-7+278) /Al Hawawreh Street/Halhoul City/first stage	SHT	07/20/14	08/19/14	07/24/14	4	A
	TEST-13-00016-SHT-078-A	Concrete Compressive Strength Report# BM/CT/14729– 28 days Retaining Wall Between Stations (7+337.87-7+347.26) /Al Hawawreh Street/Halhoul City/ First stage	SHT	07/20/14	08/19/14	08/07/14	18	A
	TEST-13-00016-SHT-079-A	Concrete Compressive Strength Report# BM/CT/14731– 28 days Retaining Wall Between Stations (7+268.74-7+278.85) /Al Hawawreh Street/Halhoul City/ Second stage	SHT	07/20/14	08/19/14	08/05/14	16	A
	TEST-13-00016-SHT-080-A	Concrete Compressive Strength Report# BM/CT/14753– 28 days Retaining Wall Between Stations (7+318-7+328) /Al Hawawreh Street/Halhoul City	SHT	07/20/14	08/19/14	07/24/14	4	A
	TEST-13-00016-SHT-081-A	Concrete Compressive Strength Report# BM/CT/14769– 7 days Retaining Wall Between Stations (7+436-7+443) and (7+318-7+328)(/Al Hawawreh Street/Halhoul City	SHT	07/20/14	08/19/14	08/04/14	15	A
	TEST-13-00016-SHT-082-A	Concrete Compressive Strength Report# BM/CT/14770 - 28 days -Pad Concrete (Blinding) Retaining Wall Between Stations (7+203.4 -7+237.3) /Al Hawawr Street/Halhoul City	SHT	07/20/14	08/19/14	08/04/14	15	A
	TEST-13-00016-SHT-083-A	Concrete Compressive Strength Report# BM/CT/14811– 7 days Retaining Wall Between Stations (7+205-7+273.3) /Al Hawawreh Street/Halhoul City	SHT	07/20/14	08/19/14	07/24/14	4	A

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	TEST-13-00016-SHT-084-A	Concrete Compressive Strength Report# BM/CT/14743– 28 days Retaining Wall Between Stations (7+337.87-7+347.62) /Al Hawawreh Street/Halhoul City	SHT	07/20/14	08/19/14	07/24/14	4	A
	TEST-13-00016-SHT-085-A	Concrete Compressive Strength Report# BM/CT/14781– 7 days Retaining Wall Between Stations (7+250.54 -7+259.24) /Al Hawawreh Street/Halhoul City /First Stage	SHT	07/20/14	08/19/14	07/24/14	4	A
	TEST-13-00016-SHT-086-A	Concrete Compressive Strength Report# BM/CT/14786– 7 days Retaining Wall Between Stations (7+250.54 -7+259.24) /Al Hawawreh Street/Halhoul City / Second Stage	SHT	07/20/14	08/19/14	07/24/14	4	A
	TEST-13-00016-SHT-087-A	Concrete Compressive Strength Report# BM/CT/14797– 7 days Retaining Wall Between Stations (7+299.72 -7+308.48) /Al Hawawreh Street/Halhoul City /First Stage	SHT	07/20/14	08/19/14	07/24/14	4	A
	TEST-13-00016-SHT-088-A	Concrete Compressive Strength Report# BM/CT/14812– 7 days Retaining Wall Between Stations (7+299.72 -7+308.48) /Al Hawawreh Street/Halhoul City /Second Stage	SHT	07/20/14	08/19/14	07/24/14	4	A
	TEST-13-00016-SHT-089-A	Concrete Compressive Strength Report# BM/CT/14818– 7 days Retaining Wall Between Stations (7+278.85 -7+89.98) /Al Hawawreh Street/Halhoul City /First Stage	SHT	07/20/14	08/19/14	07/24/14	4	A
	TEST-13-00016-SHT-090-A	Concrete Compressive Strength Report# BM/CT/14624– 28 days Retaining Wall Between Stations (7+500-7+505)/Al Hawawreh Street/Halhoul City	SHT	07/22/14	08/21/14	07/24/14	2	A
	TEST-13-00016-SHT-091-A	Concrete Compressive Strength Report# BM/CT/14625– 28 days Footing of the Retaining Wall Between Stations (7+237-7+259)/Al Hawawr Street/Halhoul City	SHT	07/22/14	08/21/14	07/24/14	2	A
	TEST-13-00016-SHT-092-A	Concrete Compressive Strength Report# BM/CT/14636– 28 days Retaining Wall Between Stations (7+346-7+356))/Al Hawawreh Street/Halhoul City	SHT	07/22/14	08/21/14	08/04/14	13	A
	TEST-13-00016-SHT-093-A	Concrete Compressive Strength Report# BM/CT/14646– 28 days Retaining Wall Between Stations (7+347-7+356))/Al Hawawreh Street/Halhoul City	SHT	07/22/14	08/21/14	08/04/14	13	A
	TEST-13-00016-SHT-094-A	Concrete Compressive Strength Report# BM/CT/14649– 28 days Retaining Wall Between Stations (7+398-7+407.05))/Al Hawawreh Street/Halhoul City	SHT	07/22/14	08/21/14	08/04/14	13	A
	TEST-13-00016-SHT-095-A	Concrete Compressive Strength Report# BM/CT/14659– 28 days Retaining Wall Between Stations (7+327-7+337))/Al Hawawreh Street/Halhoul City	SHT	07/22/14	08/21/14	08/04/14	13	A
	TEST-13-00016-SHT-096-A	Concrete Compressive Strength Report# BM/CT/14676– 28 days Retaining Wall Between Stations (7+328.12 -7+337.87))/Al Hawawreh Street/Halhoul City	SHT	07/22/14	08/21/14	08/04/14	13	A
	TEST-13-00016-SHT-097-A	Concrete Compressive Strength Report# BM/CT/14692– 28 days -First Stage Retaining Wall Between Stations (7+308-7+318) /Al Hawawreh Street/Halhoul City	SHT	07/22/14	08/21/14	08/04/14	13	A
	TEST-13-00016-SHT-098-A	Concrete Compressive Strength Report# BM/CT/14697– 28 days -Second Stage Retaining Wall Between Stations (7+308-7+318) /Al Hawawreh Street/Halhoul City	SHT	07/22/14	08/21/14	08/04/14	13	A
	TEST-13-00016-SHT-099-A	Concrete Compressive Strength Report# BM/CT/14835– 7 days -Second Stage Retaining Wall Between Stations (7+278.85-7+289.98) /Al Hawawreh Street/Halhoul City	SHT	07/22/14	08/21/14	08/04/14	13	A
	TEST-13-00016-SHT-100-A	Concrete Compressive Strength for Footings of the Retaining Walls Between Stations (7+389-7+390.6) & (7+440-7+445)- 28 days -Al Hawawreh Street/Halhoul City -Report#BM/CT/14472	SHT	07/24/14	08/23/14	08/04/14	11	A
	TEST-13-00016-SHT-101-A	Radiographic Examination Interpretation Report No. 8138928/14 for 6" Welded Joints Jo 25RS at Sta.0+238.24 , Jo 26RS at Sta.0+250.48, Jo 27RS at Sta 262.72 ,And for 30" six bents pipe at workshop in storage yard - Negative films were submitted at BV main office.	SHT	07/24/14	08/23/14	08/13/14	20	C
	TEST-13-00016-SHT-101-B	Radiographic Examination Interpretation Report No. 8138928/14 for 6" Welded Joints Jo 25RS at Sta.0+238.24 , Jo 26RS at Sta.0+250.48, Jo 27RS at Sta 262.72 ,And for 30" six bents pipe at workshop in storage yard - Negative Films attached.	SHT	09/01/14	10/01/14	09/03/14	2	C
	TEST-13-00016-SHT-102-A	Bedding Material Aggregate -Crushed Limestone Aggregates - Report # BM/QC/14086- Al-Aroub Pipeline 6"+4"-Beit Ummer Network Between Stations (0+500 & 1+200)	SHT	08/06/14	09/05/14	08/19/14	13	A

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Spec. No.	Submittal No	Description	DV	Submitted on (M/D/Y)	Return Date AS Contract	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	TEST-13-00016-SHT-103-A	Testing Bituminous Paving Mixture Report -Asphalt/loose sample-Report #AS/TBM/14204 - Deir Sha'ar Main Pipeline 8" Between Stations (1+740 & 2+310)	SHT	08/06/14	09/05/14	08/13/14	7	A
	TEST-13-00016-SHT-104-A	Bedding Material Aggregate -Crushed Limestone Aggregates - Report # BM/QC/14083-Al-Aroub Pipeline 6"+4"-Beit Ummer Network Between Stations (0+000 & 0+500)	SHT	08/06/14	09/05/14	08/19/14	13	A
	TEST-13-00016-SHT-105-A	Fill Materials - Aggregate Report # BM/QC/14082 - Al-Aroub Pipeline 6"+4"-Beit Ummer Network Between Stations (0+000 & 0+500) - Single Size Aggregate	SHT	08/06/14	09/05/14	08/19/14	13	A
	TEST-13-00016-SHT-106-A	Density of soil In-Place -Sand Cone Method - #ST/FD/14419- Standard Sand ,0.6/0.3mm ,C Fraction - Biet Ummer Network 8" between Stations (1+240 to 1+600)	SHT	08/06/14	09/05/14	08/13/14	7	A
	TEST-13-00016-SHT-107-A	Density of soil In-Place -Sand Cone Method - #ST/FD/14410- Standard Sand ,0.6/0.3mm ,C Fraction - Biet Ummer Network 8" between Stations (1+600 to 1+300)	SHT	08/06/14	09/05/14	08/13/14	7	A
	TEST-13-00016-SHT-108-A	Concrete Compressive Strength Report# BM/CT/14840– 7 days First Stage Retaining Wall Between Stations (7+357.37-7+363.22) /Al Hawawreh Street/Halhoul City	SHT	08/06/14	09/05/14	08/13/14	7	A
	TEST-13-00016-SHT-109-A	Concrete Compressive Strength Report# BM/CT/14769– 28 days Retaining Wall Between Stations (7+436-7+443) and Second stage Retaining Wall Between Stations (7+318.38-7+328.16) /Al Hawawreh Street/Halhoul City	SHT	08/06/14	09/05/14	08/13/14	7	A
	TEST-13-00016-SHT-110-A	Ultrasonic Inspection Report- # 001 to 012 - Deir Sha'ar Main Pipeline 30" - Jo. 33,35,37,39,41,43,47,48,49,50,51,53,54,55,57,58,59,60,62,63.	SHT	08/06/14	09/05/14	08/13/14	7	C
	TEST-13-00016-SHT-110-B	Ultrasonic Inspection Report- # 001 to 012 - Deir Sha'ar Main Pipeline 30" - Jo. 33,35,37,39,41,43,47,48,49,50,51,53,54,55,57,58,59,60,62,63.	SHT	08/19/14	09/18/14	09/03/14	15	A
	TEST-13-00016-SHT-111-A	Fill Materials - Aggregate Report # BM/QC/14085 -Al-Aroub Pipeline 6"+4"-Beit Ummer Network Between Stations (0+500 & 1+200) - Single Size Aggregate	SHT	08/06/14	09/05/14	08/19/14	13	A
	TEST-13-00016-SHT-112-A	Concrete Compressive Strength Report# BM/CT/14781– 28 days First Stage Retaining Wall Between Stations (7+250.54-7+259.24) /Al Hawawer Street/Halhoul City	SHT	08/11/14	09/10/14	08/20/14	9	A
	TEST-13-00016-SHT-113-A	Concrete Compressive Strength Report# BM/CT/14786– 28 days Second Stage Retaining Wall Between Stations (7+250.54-7+259.24) /Al HawawerStreet/Halhoul City	SHT	08/11/14	09/10/14	08/20/14	9	A
	TEST-13-00016-SHT-114-A	Concrete Compressive Strength Report# BM/CT/14811– 28 days - Retaining Wall Foundation Between Stations (7+205.7-7+237.3) /Al Hawawer Street/Halhoul City	SHT	08/11/14	09/10/14	08/20/14	9	A
	TEST-13-00016-SHT-115-A	Concrete Compressive Strength Report# BM/CT/14812– 28 days Second Stage Retaining Wall Between Stations (7+299.72-7+308.48) /Al Hawawer Street/Halhoul City	SHT	08/11/14	09/10/14	08/20/14	9	A
	TEST-13-00016-SHT-116-A	Concrete Compressive Strength Report# BM/CT/14818– 28 days First Stage Retaining Wall Between Stations (7+278.85-7+289.98) /Al Hawawer Street/Halhoul City	SHT	08/11/14	09/10/14	08/20/14	9	A
	TEST-13-00016-SHT-117-A	Concrete Compressive Strength Report# BM/CT/14857– 7 days Retaining Wall Between Stations (7+416.85-7+420.01) /Al Hawawer Street/Halhoul City	SHT	08/11/14	09/10/14	08/21/14	10	A
	TEST-13-00016-SHT-118-A	Concrete Compressive Strength Report# BM/CT/14864– 7 days Retaining Wall (Second Stage) Between Stations (7+237.5-7+243.9) and (First Stage) Between Stations (7+259.3-7+268.9) /Al Hawawer Street/Halhoul City.	SHT	08/11/14	09/10/14	08/19/14	8	A
	TEST-13-00016-SHT-119-A	Concrete Compressive Strength Report# BM/CT/14849– 7 days Retaining Wall (Second Stage) Between Stations (7+357.36-7+364.35) and (First Stage) Between Stations (7+243.9-7+237.3) /Al Hawawerh Street/Halhoul City.	SHT	08/11/14	09/10/14	08/19/14	8	A
	TEST-13-00016-SHT-120-A	Concrete Compressive Strength Report# BM/CT/14797– 28 days- First Stage Retaining Wall Between Stations (7+299.72-7+308.48) /Al Hawawer Street/Halhoul City	SHT	08/11/14	09/10/14	08/20/14	9	A
	TEST-13-00016-SHT-121-A	Soil and Soil Aggregate Materials - Topping material / Loose Sample Report # ST/14367 –30" Main Pipeline at Station 1+300	SHT	08/17/14	09/16/14	08/20/14	3	A

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	TEST-13-00016-SHT-122-A	Concrete Compressive Strength Report# BM/CT/14840– 28 days First Stage Retaining Wall Between Stations (7+357.37-7+363.22) /Al Hawawreh Street/Halhoul City	SHT	08/17/14	09/16/14	08/25/14	8	A
	TEST-13-00016-SHT-123-A	Concrete Compressive Strength Report# BM/CT/14887– 7 days Second Stage Retaining Wall Between Stations (7+259.24-7+268.94) /Al Hawawreh Street/Halhoul City	SHT	08/17/14	09/16/14	08/25/14	8	A
	TEST-13-00016-SHT-124-A	Density of soil In-Place -Sand Cone Method - #ST/FD/14435 - Biet Ummer Network 8" between Stations (0+810 to 1+250)	SHT	08/17/14	09/16/14	08/28/14	11	A
	TEST-13-00016-SHT-125-A	Density of soil In-Place -Sand Cone Method - #ST/FD/14452- Biet Ummer Network 8" between Stations (0+450 to 0+810)	SHT	08/17/14	09/16/14	08/28/14	11	A
	TEST-13-00016-SHT-126-A	Density of soil In-Place -Sand Cone Method - #ST/FD/14457- Al Aroub Pipeline 6" & 4"-Biet Ummer Network between Stations (0+000 to 0+700)	SHT	08/17/14	09/16/14	08/28/14	11	A
	TEST-13-00016-SHT-127-A	Bedding Material Aggregate -Cruched Limestone Aggregates- Report # BM/QC/14090 -Deir Sha'ar Main Pipeline Between Stations (1+200 & 1+700)	SHT	08/17/14	09/16/14	08/25/14	8	A
	TEST-13-00016-SHT-128-A	Bedding Material Aggregate -Cruched Limestone Aggregates- Report # BM/QC/14091-Deir Sha'ar Main Pipeline Between Stations (9+000 & 9+500)	SHT	08/17/14	09/16/14	08/25/14	8	A
	TEST-13-00016-SHT-129-A	Fill Materials / Trench Backfill -Single size Aggregate Report # BM/QC/14092-Deir Sha'ar Main Pipeline Between Stations (9+000 & 9+500)	SHT	08/17/14	09/16/14	08/25/14	8	A
	TEST-13-00016-SHT-130-A	Fill Materials / Trench Backfill -Single size Aggregate Report # BM/QC/14093-Deir Sha'ar Main Pipeline Between Stations (1+200 & 1+700)	SHT	08/17/14	09/16/14	08/25/14	8	A
	TEST-13-00016-SHT-131-A	Soil and Soil Aggregate Materials -Base Course / Loose Sample Report # ST/14359 – Beit Ummer Network 8" Pipeline Between Stations (0+450 & 0+810)	SHT	08/17/14	09/16/14	08/28/14	11	A
	TEST-13-00016-SHT-132-A	Soil and Soil Aggregate Materials -Sub Grade/ Compacted Sample Report # ST/14364 – Al Aroub Pipeline 6" & 4"-Biet Ummer Network between Stations (0+000 to 0+700)	SHT	08/17/14	09/16/14	08/28/14	11	A
	TEST-13-00016-SHT-133-A	Testing Bituminous Paving Mixture Report -Asphalt/loose sample-Report #AS/TBM/14210 - Deir Sha'ar Main Pipeline 8" Between Stations (0+800 & 1+740)	SHT	08/17/14	09/16/14	08/28/14	11	A
	TEST-13-00016-SHT-134-A	Concrete Compressive Strength Report# BM/CT/14897– 7 days First Stage Retaining Wall Between Stations (7+218/18-7+227.92) /Al Hawawreh Street/Halhoul City	SHT	08/17/14	09/16/14	08/25/14	8	A
	TEST-13-00016-SHT-135-A	Radiographic Examination Interpretation Report-Deir Sha'ar Main Pipeline- Jo. B-37-J1, B-37-J2, B-38-J1, B-38-J2, B-39-J1, B-40-J1, B-40-J1, B-40-J2, B-45-J1, B-45-J2, B-2-J1, B-2-J2.	SHT	08/20/14	09/19/14	08/24/14	4	C
	TEST-13-00016-SHT-135-B	Radiographic Examination Interpretation Report-Deir Sha'ar Main Pipeline- Jo. B-37-J1, B-37-J2, B-38-J1, B-38-J2, B-39-J1, B-40-J1, B-40-J1, B-40-J2, B-45-J1, B-45-J2, B-2-J1, B-2-J2- Negative Films attached	SHT	08/28/14	09/27/14	09/03/14	6	B
	TEST-13-00016-SHT-136-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14213- Biet Ummer network 8" pipeline between Sta.(0+450 & 0+800).	SHT	08/26/14	09/25/14	09/07/14	12	A
	TEST-13-00016-SHT-137-A	Soil and Soil Aggregate Materials Testing Report- Base course loose material- Report # ST/14377- Deir Sha'ar Main Pipeline Between Sta. (9+000 & 9+500).	SHT	08/26/14	09/25/14	09/07/14	12	A
	TEST-13-00016-SHT-138-A	Soil and Soil Aggregate Materials Testing Report- Base course loose material- Report # ST/14380- Biet Ummer network 8" Pipeline Between Sta. (0+000 & 0+450).	SHT	08/26/14	09/25/14	09/07/14	12	A
	TEST-13-00016-SHT-139-A	Field Density Test – Report #ST/FD/14465- Deir Sha'ar Main Pipeline between Sta.(7+093 & 7+135) LHS/7th layer/Behind Retaining Wall	SHT	08/26/14	09/25/14	09/07/14	12	A
	TEST-13-00016-SHT-140-A	Field Density Test – Report #ST/FD/14468- Beit Ummer Network 8" Pipeline between Sta.(0+000 & 0+450)	SHT	08/26/14	09/25/14	09/03/14	8	A
	TEST-13-00016-SHT-141-A	Concrete compressive strength test for retaining wall- Between Sta.(7+259.3 -7+268.9) and Sta.(7+237.5 – 7+243.9) /AL Hawawreh Street/Halhul -Report # BM/CT/14864- 28 days.	SHT	08/26/14	09/25/14	09/03/14	8	A

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	TEST-13-00016-SHT-142-A	Concrete compressive strength test for retaining wall- Between Sta. (7+243.48 – 7+250.58)/AL Hawawreh Street/Halhul/First Stage -Report # BM/CT/14916-7 days.	SHT	08/26/14	09/25/14	09/03/14	8	A
	TEST-13-00016-SHT-143-A	Concrete compressive strength test for retaining wall- Between Sta. (7+204.54-7+211.57)/AL Hawawreh Street/Halhul-Report # BM/CT/14920-7 days.	SHT	08/26/14	09/25/14	09/03/14	8	A
	TEST-13-00016-SHT-144-A	Concrete compressive strength test for retaining wall- Between Sta. (7+243.48-7+250.58)/AL Hawawreh Street/Halhul/ Second Stage -Report # BM/CT/14937-7 days.	SHT	08/26/14	09/25/14	09/03/14	8	A
	TEST-13-00016-SHT-145-A	Concrete compressive strength test for footing of the retaining wall- Between Sta. (7+204.54-access road)/AL Hawawreh Street/Halhul -Report # BM/CT/14921-7 days.	SHT	08/26/14	09/25/14	09/03/14	8	A
	TEST-13-00016-SHT-146-A	Ultrasonic Inspection Report- # 013 to 018 - Deir Sha'ar Main Pipeline 30" - Jo. 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 25, 26, 27, 28, 29, 30, 31, 32.	SHT	08/26/14	09/25/14	09/07/14	12	A
	TEST-13-00016-SHT-147-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14217- Deir Sha'ar main pipeline between Sta. (9+027 & 9+220).	SHT	08/28/14	09/27/14	09/07/14	10	A
	TEST-13-00016-SHT-148-A	Aggregate Report # BM/QC/14126- Deir Sha'ar main pipeline from sta.3+000 to sta.3+500	SHT	11/23/14	12/23/14	12/01/14	8	A
	TEST-13-00016-SHT-149-A	Concrete Compressive Strength Report# BM/CT/14835– 28 days -Second Stage Retaining Wall Between Stations (7+278.85-7+289.98) /Al Hawawreh Street/Halhoul City	SHT	08/28/14	09/27/14	09/07/14	10	A
	TEST-13-00016-SHT-150-A	Concrete Compressive Strength Report# BM/CT/14849– 28 days Retaining Wall (Second Stage) Between Stations (7+357.36-7+364.35) and (First Stage) Between Stations (7+243.9-7+237.3) /Al Hawawerh Street/Halhoul City.	SHT	08/28/14	09/27/14	09/07/14	10	A
	TEST-13-00016-SHT-151-A	Soil and Soil Aggregate materials-Report # ST/14594-Deir Sha'ar main pipeline road from sta.5+640 to sta.5+820.	SHT	11/23/14	12/23/14	12/01/14	8	A
	TEST-13-00016-SHT-152-A	Concrete Compressive Strength Report# BM/CT/14857– 28 days Retaining Wall Between Stations (7+416.85-7+420.01) /Al Hawawer Street/Halhoul City	SHT	08/28/14	09/27/14	09/07/14	10	A
	TEST-13-00016-SHT-153-A	Soil and Soil Aggregate materials-Report # ST/14599-Deir Sha'ar main pipeline road from sta.3+000 to sta.3+500.	SHT	11/23/14	11/23/14	12/01/14	8	A
	TEST-13-00016-SHT-154-A	Field density test –Report #ST/FD/14486-Deir Sha'ar 30" main pipeline between sta.(9+027 – 9+220)	SHT	09/01/14	10/01/14	09/07/14	6	A
	TEST-13-00016-SHT-155-A	Bedding Material for Zuboud pipeline 8" Pipeline from Sta.0+000 to Sta.0+600- Report# BM/QC/14096	SHT	09/14/14	10/14/14	09/22/14	8	A
	TEST-13-00016-SHT-156-A	Aggregate Report # BM/QC/14097 - Zaboud pipeline 8" Pipeline Between Stations (0+000 & 0+600)	SHT	09/14/14	10/14/14	09/22/14	8	A
	TEST-13-00016-SHT-157-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14220- Biet Ummer network 8" pipeline between Sta.(0+000 & 0+450).	SHT	09/14/14	10/14/14	09/22/14	8	A
	TEST-13-00016-SHT-158-A	Concrete Compressive Strength for wall of the Retaining wall Between Stations (7+259.24-7+268.94)/AL Hawawreh Street/Halhul/Second Stage Report# BM/CT/14887 - 28 days	SHT	09/14/14	10/14/14	09/22/14	8	A
	TEST-13-00016-SHT-159-A	Soil and Soil Aggregate Materials -Base Course / Loose Sample Report # ST/14433 – Deir Sha'ar 30" Main Pipeline Between sta.(9+220 to 9+400).	SHT	09/14/14	10/14/14	09/22/14	8	A
	TEST-13-00016-SHT-160-A	Soil and Soil Aggregate Materials -Topping matireal / Loose Sample Report # ST/14434 – Al-Aroub Main Pipeline sta.(0+140 to 1+000)	SHT	09/14/14	10/14/14	09/22/14	8	A
	TEST-13-00016-SHT-161-A	Concrete Compressive Strength for wall of the Retaining wall Between Stations (7+218.18-7+227.92) Report# BM/CT/14897 - 28 days	SHT	09/14/14	10/14/14	09/22/14	8	A
	TEST-13-00016-SHT-162-A	Density of soil In-Place -Sand Cone Method - #ST/FD/14537- Standard Sand ,0.6/0.3mm - Deir Sha'ar 30" main pipeline Between sta.(9+220 to 9+400)	SHT	09/14/14	10/14/14	09/22/14	8	A
	TEST-13-00016-SHT-163-A	Concrete Compressive Strength for wall of the Retaining wall Between Stations (7+218.18-7+227.9)/AL Hawawreh Street/Halhul/Second Stage Report# BM/CT/14908 - 28 days	SHT	09/14/14	10/14/14	09/22/14	8	A
	TEST-13-00016-SHT-164-A	Concrete compressive strength test for retaining wall- Between Sta. (7+243.48 – 7+250.58)/AL Hawawreh Street/Halhul/First Stage -Report # BM/CT/14916-28 days.	SHT	09/14/14	10/14/14	09/22/14	8	A

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. AID-294-TO-12-00005
TASK ORDER #16, Deir Sha'ar Main Pipeline Project (SHT)

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	TEST-13-00016-SHT-165-A	Concrete compressive strength test for retaining wall- Between Sta. (7+204.54-7+211.57)/AL Hawawreh Street/Halhul-Report # BM/CT/14920-28 days.	SHT	09/17/14	10/17/14	09/25/14	8	A
	TEST-13-00016-SHT-166-A	Concrete compressive strength test for footing of the retaining wall- Between Sta. (7+204.54-access road)/AL Hawawreh Street/Halhul -Report # BM/CT/14921-28 days.	SHT	09/17/14	10/17/14	09/25/14	8	A
	TEST-13-00016-SHT-167-A	Density of soil In-Place -Sand Cone Method - #ST/FD/14557- Standard Sand ,0.6/0.3mm - Biet Ummer 30" main pipeline Between sta.(0+140 to 1+100)	SHT	09/17/14	10/17/14	09/25/14	8	A
	TEST-13-00016-SHT-168-A	**Fill Materials** / Soil and Soil Aggregate Report # ST/FD/14447 - Deir Sha'ar Main Pipeline Between Stations (7+218 & 7+385) LHS / Behind Retaining Wall	SHT	09/17/14	10/17/14	09/25/14	8	A
	TEST-13-00016-SHT-169-A	Concrete compressive strength test for retaining wall- Between Sta. (7+243.48-7+250.58)/AL Hawawreh Street/Halhul/ Second Stage -Report # BM/CT/14937-28 days.	SHT	09/17/14	10/17/14	09/25/14	8	A
	TEST-13-00016-SHT-170-A	**Fill Materials** / 2nd layer- Density of Soil Report # ST/FD/14562 - Deir Sha'ar Main Pipeline Between Stations (7+465 & 7+485), (7+400 & 7+420) & (7+270 & 7+315) LHS	SHT	09/17/14	10/17/14	09/25/14	8	A
	TEST-13-00016-SHT-171-A	**Fill Materials** / 1st layer- Density of Soil Report # ST/FD/14563 - Deir Sha'ar Main Pipeline Between Stations (7+220& 7+270) LHS/ Behined the retaining wall	SHT	09/17/14	10/17/14	09/25/14	8	A
	TEST-13-00016-SHT-172-A	Density of Soil Report # ST/FD/14566 -Standard Sand ,0.6/0.3mm-Zaboud Main Pipeline Between Stations (0+000& 1+100)	SHT	09/17/14	10/17/14	09/25/14	8	A
	TEST-13-00016-SHT-173-A	Aggregate Report # BM/QC/14098 - Deir Sha'ar Main Pipeline Between Stations (8+500 & 9+000)	SHT	09/17/14	10/17/14	09/25/14	8	A
	TEST-13-00016-SHT-174-A	Bedding Material Aggregate -Cruched Limestone Aggregates -Report # BM/QC/14099 - Deiar Sa'ar Main Pipeline Between Stations (8+500 & 9+000)	SHT	09/17/14	10/17/14	09/25/14	8	A
	TEST-13-00016-SHT-175-A	Concrete compressive strength test for retaining wall- Between Sta. (7+217-7+226)/AL Hawawreh Street/Halhul/ Second Stage -Report # BM/CT/14960-28 days.	SHT	09/23/14	10/23/14	10/01/14	8	C
	TEST-13-00016-SHT-176-A	Concrete compressive strength test for retaining wall- Between Sta. (7+227-7+236) & Sta.(7+198 to access road) /AL Hawawreh Street/Halhul/ Second Stage -Report # BM/CT/14968-28 days.	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-177-A	Concrete compressive strength test for footing retaining wall- Between Sta. (7+432-access road) /AL Hawawreh Street/Halhul/ Second Stage -Report # BM/CT/14971-28 days.	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-178-A	Density of Soil Report # ST/FD/14572-Standard Sand ,0.6/0.3mm-Deir Sha'ar Main Pipeline Between Sta.(7+400 - 7+420)	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-179-A	Density of Soil Report # ST/FD/14573-Standard Sand ,0.6/0.3mm-Deir Sha'ar Main Pipeline Between Sta.(7+200 - 7+277).	SHT	09/23/14	10/23/14	10/01/14	8	C
	TEST-13-00016-SHT-180-A	Density of Soil Report # ST/FD/14574-Standard Sand ,0.6/0.3mm-Al-Aroub Pipline Road 30" Between Sta.(1+100 - 1+500).	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-181-A	Density of Soil Report # ST/FD/14578-Standard Sand ,0.6/0.3mm-Al-Aroub Pipline Road 30" Between Sta.(1+500 - 1+800).	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-182-A	Steel at Halhul Site Report# BM/STL/14049 (Ø14, Ø16 & Ø22)	SHT	11/23/14	12/23/14	12/01/14	8	A
	TEST-13-00016-SHT-183-A	Soil and Soil Aggregate materials-Report # ST/14473-AlAroub Pipeline 30" road from Sta.(1+100 to 1+500).	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-184-A	Soil and Soil Aggregate materials-Report # ST/14478-AlAroub Pipeline 30" road from Sta.(1+500 to 1+800)	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-185-A	Soil and Soil Aggregate materials-Report # ST/14480-Dier Sha'ar Main Pipeline 30" Between Sta.(8+000 - 9+000)	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-186-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14269- Zaboud Main Pipeline Between Sta.(0+000 - 0+300).	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-187-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14272- Zaboud Main Pipeline Between Sta.(0+300 - 0+500).	SHT	09/23/14	10/23/14	10/01/14	8	A

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	TEST-13-00016-SHT-188-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14273- Zaboud Main Pipeline Between Sta.(0+500 - 0+800).	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-189-A	Concrete compressive strength test for footing retaining wall- Between Sta. (7+180-7+184) /AL Hawawreh Street/Halhul/ Second Stage -Report # BM/CT/14959-28 days.	SHT	09/23/14	10/23/14	10/01/14	8	C
	TEST-13-00016-SHT-190-A	Density of Soil Report # ST/FD/14582-Standard Sand ,0.6/0.3mm-Deir Sha'ar 30"main pipeline Between sta.(7+450 - 7+485) LHS / Behined the retaining wall	SHT	09/28/14	10/28/14	10/01/14	3	A
	TEST-13-00016-SHT-191-A	Density of Soil Report # ST/FD/14586-Standard Sand ,0.6/0.3mm-Deir Sha'ar 30" main pipeline Between sta.(8+900 - 9+027).	SHT	09/28/14	10/28/14	10/01/14	3	A
	TEST-13-00016-SHT-192-A	Bedding Material Aggregate -Cruched Limestone Aggregates -Report # BM/QC/14108 - Biet Ummer Main Pipeline 30" Between sta.(1+700 - 2+200).	SHT	09/28/14	10/28/14	10/01/14	3	A
	TEST-13-00016-SHT-193-A	Aggregate Report # BM/QC/14109 - Biet Ummer Main Pipeline 30" Between sta.(1+700 - 2+200)	SHT	09/28/14	10/28/14	10/01/14	3	A
	TEST-13-00016-SHT-194-A	Bedding Material Aggregate -Cruched Limestone Aggregates -Report # BM/QC/14110 - Shahera pipeline 8" Between sta.(0+400 - 0+800)	SHT	09/28/14	10/28/14	10/01/14	3	A
	TEST-13-00016-SHT-195-A	Soil and Soil Aggregate materials-Report # ST/14482-Zaboud pipeline Between Sta.(1+000 - 1+100).	SHT	09/28/14	10/28/14	10/01/14	3	A
	TEST-13-00016-SHT-196-A	Soil and Soil Aggregate materials-Report # ST/14485-Shahera Pipeline 8" Between sta.(0+400 - 0+800).	SHT	09/28/14	10/28/14	10/01/14	3	A
	TEST-13-00016-SHT-197-A	Soil and Soil Aggregate materials-Report # ST/14485-Biet Ummer Main Pipeline Between sta.(1+200 - 1+700).	SHT	09/28/14	10/28/14	10/01/14	3	A
	TEST-13-00016-SHT-198-A	Soil and Soil Aggregate materials-Report # ST/14496-Biet Ummer Main Pipeline Between sta.(1+800 - 2+060).	SHT	10/12/14	11/11/14	10/19/14	7	A
	TEST-13-00016-SHT-199-A	Density of Soil Report # ST/FD/14598-Standard Sand ,0.6/0.3mm-Biet Ummer Main Pipeline Between sta.(1+800 - 2+060).	SHT	10/12/14	11/11/14	10/19/14	7	A
	TEST-13-00016-SHT-200-A	Soil and Soil Aggregate materials-Report # ST/14506-Biet Ummer Main Pipeline Between sta.(1+200 - 1+800).	SHT	10/12/14	11/11/14	10/19/14	7	A
	TEST-13-00016-SHT-201-A	Density of Soil Report # ST/FD/14602-Standard Sand ,0.6/0.3mm-Dier Sh'ar Main Pipeline 30" Between sta.(8+720 - 8+950).	SHT	10/12/14	11/11/14	10/19/14	7	A
	TEST-13-00016-SHT-202-A	Density of Soil Report # ST/FD/14605-Standard Sand ,0.6/0.3mm-Biet Ummer Main Pipeline Between sta.(1+200 - 1+800).	SHT	10/12/14	11/11/14	10/19/14	7	A
	TEST-13-00016-SHT-203-A	Density of Soil Report # ST/FD/14643-Standard Sand ,0.6/0.3mm-Shahera 8" Pipeline Between sta.(0+900 - 1+350).	SHT	10/19/14	11/18/14	10/22/14	3	A
	TEST-13-00016-SHT-204-A	Density of Soil Report # ST/FD/14642-Standard Sand ,0.6/0.3mm-Dier Sha'ar main pipelineBetween sta.(2+340 - 2+600).	SHT	10/19/14	11/18/14	10/22/14	3	A
	TEST-13-00016-SHT-205-A	Soil and Soil Aggregate materials-Report # ST/14532-Biet Ummer Main Pipeline Between sta.(2+340 - 2+600).	SHT	10/19/14	11/18/14	10/22/14	3	A
	TEST-13-00016-SHT-206-A	Bedding Material Aggregate -Cruched Limestone Aggregates -Report # BM/QC/14104-1 - Deir Sha'ar main pipeline Between sta.(8+000 - 9+000).	SHT	10/19/14	11/18/14	10/22/14	3	A
	TEST-13-00016-SHT-207-A	Density of Soil Report # ST/FD/14641-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline Between sta.(7+220 - 7+315).	SHT	10/19/14	11/18/14	10/22/14	3	A
	TEST-13-00016-SHT-208-A	Concrete compressive strength test for retaining wall- Between Sta. (7+211.34-7+218.50) & (7+175.6 - 7+179.75)/AL Hawawreh Street/Halhul/ First Stage -Report # BM/CT/14990-28 days.	SHT	10/19/14	11/18/14	10/22/14	3	A
	TEST-13-00016-SHT-209-A	Concrete compressive strength test for retaining wall- Between Sta. (7+211.34-Access road)/AL Hawawreh Street/Halhul -Report # BM/CT/141052-28 days.	SHT	10/19/14	11/18/14	10/22/14	3	A
	TEST-13-00016-SHT-210-A	Concrete compressive strength test for Stair at Sta.7+505/AL Hawawreh Street/Halhul -Report # BM/CT/141091-28 days.	SHT	10/19/14	11/18/14	10/22/14	3	A

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	TEST-13-00016-SHT-211-A	Concrete compressive strength test for boundary wall between Sta.(6+970 - 7+035) RHS /AL Hawawreh Street/Halhul -Report # BM/CT/141071-28 days.	SHT	10/19/14	11/18/14	10/22/14	3	A
	TEST-13-00016-SHT-212-A	Density of Soil Report # ST/FD/14622-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline Between sta.(8+271-8+580).	SHT	10/19/14	11/18/14	10/22/14	3	A
	TEST-13-00016-SHT-213-A	Soil and Soil Aggregate materials-Report # ST/14519-Deir Sha'ar Main Pipeline Between sta.(8+271 - 8+580).	SHT	10/19/14	11/18/14	10/22/14	3	A
	TEST-13-00016-SHT-214-A	Ultrasonic Inspection Reports- Deir Sha'ar Main Pipeline 30" -From sta.1+267.01 to sta.2+241.95	SHT	10/26/14	11/25/14	11/05/14	10	C
	TEST-13-00016-SHT-214-B	Ultrasonic Inspection Reports- Deir Sha'ar Main Pipeline 30" -From sta.1+267.01 to sta.2+241.95	SHT	12/21/14	01/20/15	12/24/14	3	A
	TEST-13-00016-SHT-215-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.9+027.36 to sta.8+283.55.	SHT	10/26/14	11/25/14	11/05/14	10	A
	TEST-13-00016-SHT-216-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.9+039.55 to 9+368.39.	SHT	10/26/14	11/25/14	11/05/14	10	A
	TEST-13-00016-SHT-217-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From 2+242.21.to sta.3+099.73	SHT	10/29/14	11/28/14	11/05/14	7	A
	TEST-13-00016-SHT-218-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.4+274.40 to 4+604.04.	SHT	10/29/14	11/28/14	11/05/14	7	A
	TEST-13-00016-SHT-219-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.5+788.84 to 5+641.99.	SHT	10/29/14	11/28/14	11/05/14	7	A
	TEST-13-00016-SHT-220-A	Concrete compressive strength test for Slab of manhole at sta. 0+092 & wall of manhole at sta.0+010 / Biet Ummer-Report # BM/CT/141064-28 days.	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-221-A	Concrete compressive strength test for retaining wall- Between Sta. (7+023-7+036) /AL Hawawreh Street/Halhul/ First Stage -Report # BM/CT/141173-28 days.	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-222-A	Concrete compressive strength test for footing of the retaining wall- Between Sta. (7+179.75-access road) /AL Hawawreh Street/Halhul/ First Stage -Report # BM/CT/141154-28 days.	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-223-A	Concrete compressive strength test for boundary wall- Between Sta. (6+941-7+036) RHS /AL Hawawreh Street/Halhul/ First Stage -Report # BM/CT/141129-28 days.	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-224-A	Concrete compressive strength test for retaining wall- Between Sta. (7+207-7+213.5) /AL Hawawreh Street/Halhul/ First Stage -Report # BM/CT/14997-28 days.	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-225-A	Concrete compressive strength test for retaining wall- Between Sta. (7+190-7+201.1) /AL Hawawreh Street/Halhul/ First Stage -Report # BM/CT/141016-28 days.	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-226-A	Density of Soil Report # ST/FD/14614-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline Between sta.(2+140 - 2+320).	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-227-A	Density of Soil Report # ST/FD/14627-Standard Sand ,0.6/0.3mm-Shahera pipeline Between sta.(0+395-0+900).	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-228-A	Density of Soil Report # ST/FD/14631-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline Between sta.(2+060-2+140).	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-229-A	Density of Soil Report # ST/FD/14634-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline Between sta.(7+185 - 7+220)/3rd layer & (7+485-7+505)/ 2nd layer.	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-230-A	Density of Soil Report # ST/FD/14658-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline Between sta.(2+600 - 2+660).	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-231-A	Density of Soil Report # ST/FD/14665-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline Between sta.(2+130 - 2+220).	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-232-A	Density of Soil Report # ST/FD/14634-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline Between sta.(7+485-7+505) /5th layer & (7+220-7+295)/ 10th layer & (7+185-7+220)/ 6th layer.	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-233-A	Fill Materials -Single Size Aggregate- Aggregate Report # BM/QC/14113 - Deir Sha'ar Main Pipeline 30" Between Stations (4+250 & 4+750)	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-234-A	Bedding Material Aggregate Report # BM/QC/14118 - Deir Sha'ar Main Pipeline 30" Between Stations (5+300 & 5+800)	SHT	11/03/14	12/03/14	11/11/14	8	A

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	TEST-13-00016-SHT-235-A	Bedding Material Aggregate Report # BM/QC/14119 - Deir Sha'ar Main Pipeline 30" Between Stations (2+200 & 3+000)	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-236-A	Fill Materials -Single Size Aggregate- Aggregate Report # BM/QC/14120 - Deir Sha'ar Main Pipeline 30" Between Stations (5+300 - 5+800)	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-237-A	Fill Materials -Single Size Aggregate- Aggregate Report # BM/QC/14121 - Deir Sha'ar Main Pipeline 30" Between Stations (2+200 - 3+000)	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-238-A	Soil and Soil Aggregate materials-Report # ST/14559-Deir Sha'ar Main Pipeline 30" Between Stations (2+800 - 3+000).	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-239-A	Soil and Soil Aggregate materials-Report # ST/14563-Biet Ummer 30" main pipeline Between Stations (0+010 - 0+180).	SHT	11/03/14	12/03/14	11/11/14	8	C
	TEST-13-00016-SHT-240-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14304- Deir Sha'ar main pipeline Between Sta.(8+515-8+580) & Sta.(8+271 - 8+540).	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-241-A	Soil and Soil Aggregate materials-Report # ST/14511-Deir Sha'ar Main Pipeline 30" Between Stations (2+140-2+320).	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-242-A	Soil and Soil Aggregate materials-Report # ST/14526-Deir Sha'ar Main Pipeline 30" Between Stations (2+060-2+140).	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-243-A	Soil and Soil Aggregate materials-Report # ST/14550-Deir Sha'ar Main Pipeline 30" Between Stations (2+600-2+660).	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-244-A	Radiographic Examination Interpretation Report-Deir Sha'ar Main Pipeline- Jo. B-60-R1, 61A-R1, 61B-R1, 68-R1-R12, 69-R1-R12, 73-R12, 74-R1, 75-R1, 76-R1, 77A-R12, 77B-R12,77B-R12, 78A-R1, 78B-R12, 79-R12, 79-R12, 109A-R12, 109B-R12, 110- R13, 111-R13, 112-R13,R1-21.131- Negative Films attached	SHT	11/03/14	12/03/14	11/18/14	15	C
	TEST-13-00016-SHT-245-A	Concrete compressive strength test for Slab of manhole at sta. 9+028 / Kharas Junction-Report # BM/CT/141226-28 days.	SHT	11/23/14	12/23/14	12/01/14	8	A
	TEST-13-00016-SHT-246-A	Concrete compressive strength test for boundary wall from sta.9+984 to sta.6+972 & from sta.7+000 to sta.7+008 / Alhawawer -Report # BM/CT/141245-28 days.	SHT	11/23/14	12/23/14	12/01/14	8	A
	TEST-13-00016-SHT-247-A	Density of Soil Report # ST/FD/14716-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.5+640 to sta.5+820	SHT	11/23/14	12/23/14	12/01/14	8	A
	TEST-13-00016-SHT-248-A	Density of Soil Report # ST/FD/14719-Standard Sand ,0.6/0.3mm-Al Nabi Younis 8" pipeline from sta.0+134 to sta.0+621	SHT	11/23/14	12/23/14	12/01/14	8	A
	TEST-13-00016-SHT-249-A	Density of Soil Report # ST/FD/14722-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.2+780 to sta.3+030	SHT	11/23/14	12/23/14	12/01/14	8	A
	TEST-13-00016-SHT-250-A	Bedding Material Aggregate -Cruched Limestone Aggregates -Report # BM/QC/14125 -Deir Sha'ar main pipeline from sta.3+000 to sta.3+500.	SHT	11/23/14	12/23/14	12/01/14	8	A
	TEST-13-00016-SHT-251-A	Concrete compressive strength test for Blinding for the manhole at sta.1+280 / Beit Ummer site-Report # BM/CT/141311-28 days.	SHT	12/21/14	01/20/15	12/24/14	3	A
	TEST-13-00016-SHT-252-A	Concrete compressive strength test for Blinding for the Retaining wall from sta.4+345 to sta.4+365 / Beit Ummer site-Report # BM/CT/141344-28 days.	SHT	12/21/14	01/20/15	12/24/14	3	A
	TEST-13-00016-SHT-253-A	Concrete compressive strength test for base for the Manhole at sta.0+740 / Beit Ummer site-Report # BM/CT/141410-28 days.	SHT	12/21/14	01/20/15	12/24/14	3	A
	TEST-13-00016-SHT-254-A	Concrete compressive strength test for the retaining wall from sta.4+335 to sta.4+352 / Beit Ummer site-Report # BM/CT/141420-28 days.	SHT	12/21/14	01/20/15	12/24/14	3	C
	TEST-13-00016-SHT-255-A	Soil and Soil Aggregate materials-Report # ST/14634-Al Nabi Younis 6" pipeline from sta.0+086 to sta.0+805.	SHT	12/21/14	01/20/15	12/24/14	3	A

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	TEST-13-00016-SHT-256-A	Bedding Material Aggregate -Cruched Limestone Aggregates -Report # BM/QC/14137-Deir Sha'ar main pipeline from 3+500 to sta.4+200.	SHT	12/21/14	01/20/15	12/24/14	3	A
	TEST-13-00016-SHT-257-A	Bedding Material Aggregate -Cruched Limestone Aggregates -Report # BM/QC/14138-Al Nabi Younis 6" pipeline from sta.0+086 to sta.0+805	SHT	12/21/14	01/20/15	12/24/14	3	A
	TEST-13-00016-SHT-258-A	Aggregate Report # BM/QC/14135 - Al Nabi Younis 6" pipeline from sta.0+086 to sta.0+805	SHT	12/21/14	01/20/15	12/24/14	3	A
	TEST-13-00016-SHT-259-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14332- Al Nabi Younis 6" pipeline from sta.0+134 to sta.0+621.	SHT	12/21/14	01/20/15	12/24/14	3	A
	TEST-13-00016-SHT-260-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14333- Deir Sha'ar main pipeline from sta.2+780 to 2+900.	SHT	12/21/14	01/20/15	12/24/14	3	A
	TEST-13-00016-SHT-261-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14336- Deir Sha'ar main pipeline from sta.2+900 to 3+030.	SHT	12/21/14	01/20/15	12/24/14	3	A
	TEST-13-00016-SHT-262-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.5+629.80 to 5+083.30.	SHT	12/21/14	01/20/15	12/30/14	9	A
	TEST-13-00016-SHT-263-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.3+111.91 to 3+895.87.	SHT	12/21/14	01/20/15	12/30/14	9	A
	TEST-13-00016-SHT-264-A	Concrete compressive strength test for the footing of retaining wall from sta.4+335 to sta.4+352 / Beit Ummer site-Report # BM/CT/141364-28 days.	SHT	01/21/15	02/20/15	02/01/15	11	A
	TEST-13-00016-SHT-265-A	Concrete compressive strength test for base of the manhole at sta.0+020 -Al Aroub network -Report # BM/CT/141429-28 days.	SHT	01/21/15	02/20/15	02/01/15	11	A
	TEST-13-00016-SHT-266-A	Concrete compressive strength test for slab of the manhole at 1+942 -Beit Ummer site -Report # BM/CT/141449-28 days.	SHT	01/21/15	02/20/15	02/01/15	11	A
	TEST-13-00016-SHT-267-A	Concrete compressive strength test for walls of the manhole at 0+743 -Beit Ummer site -Report # BM/CT/141462-28 days.	SHT	01/21/15	02/20/15	02/01/15	11	A
	TEST-13-00016-SHT-268-A	Concrete compressive strength test for walls of the manhole at sta.0+020 -Al Aroub network -Report # BM/CT/141477-28 days.	SHT	01/21/15	02/20/15	02/01/15	11	A
	TEST-13-00016-SHT-269-A	Concrete compressive strength test for slab of the manhole at 0+743 -Beit Ummer site -Report # BM/CT/141481-28 days.	SHT	01/21/15	02/20/15	02/01/15	11	A
	TEST-13-00016-SHT-270-A	Density of Soil Report # ST/FD/14812-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.5+040 to sta.5+600	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-271-A	Density of Soil Report # ST/FD/14813-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.3+900 to sta. 3+970 & from sta.4+020 to sta.4+120.	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-272-A	Density of Soil Report # ST/FD/14816-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.0+080 to sta.0+500 / Al Nabi Younis 8" pipeline.	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-273-A	Density of Soil Report # ST/FD/14830-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.0+500 to sta.0+800 / Al Nabi Younis 8" pipeline.	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-274-A	Density of Soil Report # ST/FD/14832-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.4+120 to sta.4+270.	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-275-A	Density of Soil Report # ST/FD/15006-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.3+620 to sta.3+780.	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-276-A	Aggregate Report # BM/QC/14148 - Al Nabi Younis 4" pipeline from sta.0+000 to sta.0+500	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-277-A	Soil and Soil Aggregate materials-Report # ST/14674-Deir Sha'ar main pipeline from sta.5+040 to sta.5+600	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-278-A	Soil and Soil Aggregate materials-Report # ST/14675-Deir Sha'ar main pipeline from sta.4+040 to sta.4+120	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-279-A	Soil and Soil Aggregate materials-Report # ST/14676-Deir Sha'ar main pipeline from sta.3+900 to sta.4+040	SHT	01/21/15	02/20/15	01/28/15	7	A

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INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. AID-294-TO-12-00005
TASK ORDER #16, Deir Sha'ar Main Pipeline Project (SHT)

SUBMITTAL				TRACKING DATES				Approval Status
Spec. No.	Submittal No	Description	DV	Submitted on (M/D/Y)	Return Date AS Contract	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	TEST-13-00016-SHT-280-A	Soil and Soil Aggregate materials-Report # ST/14678-Al Nabi yonis / Al Ramooz pipe line 4" from sta.0+000 to sta.0+500	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-281-A	Soil and Soil Aggregate materials-Report # ST/14684-Deir Sha'ar main pipeline from sta.4+120 to sta.4+270	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-282-A	Soil and Soil Aggregate materials-Report # ST/15001-Deir Sha'ar main pipeline from sta.3+620 to sta.3+780.	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-283-A	Aggregate Report # BM/QC/15010- Deir Sha'ar main pipeline 30" from sta.7+750 to sta.8+250	SHT	01/21/15	02/20/15	02/01/15	11	A
	TEST-13-00016-SHT-284-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14363- Deir Sha'ar main pipe line from sta.3+780 to sta.3+900.	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-285-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14377- AlNabi younis pipe line from sta.0+080 to sta.0+400.	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-286-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15003- AlNabi younis 6" pipe line from sta.0+400 to sta.0+550.	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-287-A	Cast Iron cover for water system/ Circular open- Report # BM/PTIC/15001	SHT	01/21/15	02/20/15	02/01/15	11	A
	TEST-13-00016-SHT-288-A	Soil and Soil Aggregate materials-Report # ST/15006-Deir Sha'ar main pipeline from sta.3+900 to sta.4+270.	SHT	01/21/15	02/20/15	02/01/15	11	A
	TEST-13-00016-SHT-289-A	Concrete compressive strength test for base of the manhole at 1+943 -Beit Ummer site -Report # BM/CT/141400-28 days.	SHT	01/25/15	02/24/15	01/28/15	3	A
	TEST-13-00016-SHT-290-A	Concrete compressive strength test for walls of the A.R.V manhole at 2+780 -Beit Ummer site -Report # BM/CT/15016-28 days.	SHT	01/25/15	02/24/15	01/28/15	3	A
	TEST-13-00016-SHT-291-A	Concrete compressive strength test for walls of the Main connection chamber at 1+280 -Beit Ummer site -Report # BM/CT/15017-28 days.	SHT	01/25/15	02/24/15	01/28/15	3	A
	TEST-13-00016-SHT-292-A	Concrete compressive strength test for walls of the A.R.V manhole at 2+782-Beit Ummer site & connection at sta.0+020 -Al Aroub network -Report # BM/CT/15052-28 days.	SHT	01/25/15	02/24/15	01/28/15	3	A
	TEST-13-00016-SHT-293-A	Concrete compressive strength test for blinding of retaining wall -Halhul site from sta.7+375 to sta.7+390 -Report # BM/CT/15039-28 days.	SHT	01/25/15	02/24/15	01/28/15	3	A
	TEST-13-00016-SHT-294-A	Concrete compressive strength test for blinding of the retaining wall -Halhul site from sta.3+255 to sta.3+275 -Report # BM/CT/15097-28 days.	SHT	01/25/15	02/24/15	01/28/15	3	A
	TEST-13-00016-SHT-295-A	Concrete compressive strength test for footing of retaining wall -Halhul site from sta.7+375 to sta.7+390 -Report # BM/CT/15074-28 days.	SHT	01/25/15	02/24/15	02/01/15	7	A
	TEST-13-00016-SHT-296-A	Concrete compressive strength test for footing of retaining wall -Beit Ummer site from sta.3+234 to sta.3+255 -Report # BM/CT/15069-28 days.	SHT	01/25/15	02/24/15	02/01/15	7	A
	TEST-13-00016-SHT-297-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15006- Al Nabi Younis 6" from sta.0+550 to sta.0+800.	SHT	01/25/15	02/24/15	02/01/15	7	A
	TEST-13-00016-SHT-298-A	Density of Soil Report # ST/FD/15015-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.6+250 to sta.6+580/Karm Sur.	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-299-A	Density of Soil Report # ST/FD/15019-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.6+600 to sta.6+680.	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-300-A	Soil and Soil Aggregate materials-Report # ST/15010-Deir Sha'ar main pipeline from sta.6+250 to sta.6+580.	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-301-A	Soil and Soil Aggregate materials-Report # ST/15013-Deir Sha'ar main pipeline from sta.6+600 to sta.6+820.	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-302-A	Soil and Soil Aggregate materials-Report # ST/15018-Deir Sha'ar main pipeline from sta.7+750 to sta.8+250	SHT	01/28/15	02/27/15	02/04/15	7	A

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TASK ORDER #16, Deir Sha'ar Main Pipeline Project (SHT)

SUBMITTAL				TRACKING DATES				Approval Status
Spec. No.	Submittal No	Description	DV	Submitted on (M/D/Y)	Return Date AS Contract	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	TEST-13-00016-SHT-303-A	Concrete compressive strength test for base of the 2GV & connection chamber at sta.3+485-Beit Ummer site - Report # BM/CT/15107-28 days.	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-304-A	Concrete compressive strength test for base of the ARV chamber at sta.2+782-Beit Ummer site -Report # BM/CT/15113-28 days.	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-305-A	Concrete compressive strength test for footing of retaining wall -Beit Ummer site from sta.3+255 to sta.3+275 - Report # BM/CT/15130-28 days.	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-306-A	Concrete compressive strength test for wall of the retaining wall -Beit Ummer site from sta.3+234 to sta.3+244 - Report # BM/CT/15131-28 days.	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-307-A	Bedding Material Aggregate -Cruched Limestone Aggregates -Report # BM/QC/15009 - Deiar Sa'ar Main Pipeline from sta.7+750 to sta.8+250	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-308-A	Aggregate Report # BM/QC/15008- Deir Sha'ar main pipeline 30" from sta.6+240 to sta.6+800	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-309-A	Bedding Material Aggregate -Cruched Limestone Aggregates -Report # BM/QC/15007 - Deiar Sa'ar Main Pipeline from sta.6+240 to sta.6+800	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-310-A	Radiographic Examination Interpretation Report-Deir Sha'ar Main Pipeline-3", 4",6"& 8" - Negative Films attached	SHT	02/03/15	03/05/15	02/25/15	22	C
	TEST-13-00016-SHT-311-A	Soil and Soil Aggregate materials-Report # ST/14619-Deir Sha'ar main pipeline at sta.6+800	SHT	02/03/15	03/05/15	02/11/15	8	D
	TEST-13-00016-SHT-312-A	Deep test pit - Report # 15015 - Deir Sha'ar main pipe line/ Shahera network at sta.0+500	SHT	02/03/15	03/05/15	02/11/15	8	A
	TEST-13-00016-SHT-313-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.0+143.74 to 0+012.02.	SHT	02/26/15	03/28/15			
	TEST-13-00016-SHT-314-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.6+244.2 to 6+812.26.	SHT	02/26/15	03/28/15			
	TEST-13-00016-SHT-315-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.8+271.36 to 7+539.57.	SHT	02/26/15	03/28/15			
	TEST-13-00016-SHT-316-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.3+908.07 to sta.3+4+274 & from sta.5+079.88 to 4+646.44 - Refer to SUB-13-00016-SHT-310- Refer to SUB-13-00016-SHT-310-A	SHT	02/26/15	03/28/15			

DV = Division A= No Exceptions Noted B = Make Corrections Noted C = Amend-Resubmit D= Rejected-Resubmit E= Review Not Required

G | RFI's Log for the Reporting Period

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. AID-294-I-00-12-00005
TASK ORDER #16, Deir Shaar Main Pipeline
RFIs log - SHT

Request For Information				TRACKING DATES				Response By
Spec. No.	RFI No	Description	DV	Submitted on (M/D/Y)	Return Date AS Contract	Returned on (M/D/Y)	Review Days	
	RFI-13-00016-SHT-001	Sizes / Ratings of associated valves and fittings drawings sheets (MD-09 and MD-10) Task order # 16	SHT	12/04/13	01/03/14	12/22/13	18	Maher Awawdeh
	RFI-13-00016-SHT-002	Applicability of Mechanical Specifications governing 760mm steel pipe (section 15000- Piping, General) (section 15025- steel pipe –ASTM A53/A106 Modified) and (section 02570- steel pipe, specials, and fittings – AWWA C200 Modified)	SHT	12/22/13	01/21/14	01/12/14	21	Maher Awawdeh
	RFI-13-00016-SHT-003	Trench type and width for 760mm main pipeline – Deir Sha'ar Project, TO # 16	SHT	01/16/14	02/15/14	01/22/14	6	Maher Awawdeh
	RFI-13-00016-SHT-004	Replacement of the motorized valve at Halhul with hydraulically operated level control valve- Deir Sha'ar Project, TO # 16	SHT	01/16/14	02/15/14	02/03/14	18	Maher Awawdeh
	RFI-13-00016-SHT-006	Existing unsuitable material (Dumping material) located within our SOW from sta. 7+090 to 7+160. At Deir Sha'ar main pipeline project, TO # 16	SHT	01/22/14	02/21/14	01/29/14	7	Maher Awawdeh
	RFI-13-00016-SHT-007	Proposed pipe culvert at sta. 0+650 and guardrail for Task Order #16, Deir Sha'ar Main pipeline	SHT	02/03/14	03/05/14	02/16/14	13	Maher Awawdeh
	RFI-13-00016-SHT-008	guardrail location from sta. 3+150 to 3+780. Deir Sha'ar main pipeline project, TO # 16	SHT	02/11/14	03/13/14	03/02/14	19	Maher Awawdeh
	RFI-13-00016-SHT-009	Location of concrete retaining walls from sta. 6+800 to 7+515. Deir Sha'ar main pipeline project, TO # 16#	SHT	02/11/14	03/13/14	03/03/14	20	Maher Awawdeh
	RFI-13-00016-SHT-010	Retaining wall above PGL at Deir Sha'ar main pipeline project, TO # 16	SHT	02/11/14	03/13/14	02/24/14	13	Maher Awawdeh
	RFI-13-00016-SHT-011	Concrete Formwork	SHT	02/13/14	03/15/14	02/17/14	4	Maher Awawdeh
	RFI-13-00016-SHT-012	Using steel mini guard around trenches instead of concrete barrier	SHT	02/20/14	03/22/14	02/27/14	7	Maher Awawdeh
	RFI-13-00016-SHT-013	Air over water surge vessel / Bladder Type Surge System At Deir Sha'ar main pipeline project, TO # 16	SHT	02/27/14	03/29/14	03/09/14	10	Maher Awawdeh
	RFI-13-00016-SHT-014	Vapor barrier under blinding concrete for foundation at Deir Sha'ar main pipeline / Task order # 16	SHT	03/30/14	04/29/14	04/07/14	8	Maher Awawdeh
	RFI-13-00016-SHT-015	Table of Dimensions and Reinforcing steel for Concrete walls at Deir Sha'ar main pipeline / Task order # 16	SHT	03/30/14	04/29/14	04/07/14	8	Maher Awawdeh
	RFI-13-00016-SHT-016	Structural excavation at Deir Sha'ar main pipeline project, TO # 16	SHT	04/17/14	05/17/14	05/06/14	19	Maher Awawdeh
	RFI-13-00016-SHT-017	Eliminate pipe culverts at sta. 1+525 at 2+230 Beit Ummar Task Order #16	SHT	05/19/14	06/18/14	05/20/14	1	Maher Awawdeh
	RFI-13-00016-SHT-018	Access road required per Halhul Municipality from sta. 7+180 to 7+190. Deir Sha'ar main pipeline project, TO # 16	SHT	05/21/14	06/20/14	05/31/14	10	Maher Awawdeh
	RFI-13-00016-SHT-019	Pouring concrete retaining wall in two stages at Deir Sha'ar Main pipeline Task Order #16	SHT	05/25/14	06/24/14	05/31/14	6	Maher Awawdeh
	RFI-13-00016-SHT-020	Revise the profile for Al-Aroub road / Beit Oummar . Deir Sha'ar main pipeline project, TO # 16	SHT	06/05/14	07/05/14	06/09/14	4	Maher Awawdeh

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Request For Information				TRACKING DATES				Response By
Spec. No.	RFI No	Description	DV	Submitted on (M/D/Y)	Return Date AS Contract	Returned on (M/D/Y)	Review Days	
	RFI-13-00016-SHT-021	Required washout and air relieve valve chambers at Sta.0+000 to Sta.1+350- Halhul Water Distribution Network -Shahera Water Pipeline Task Order #16	SHT	06/12/14	07/12/14	06/17/14	5	Maher Awawdeh
	RFI-13-00016-SHT-022	Using geo textile sheet under base course and above single size material in water lines trenches.	SHT	06/24/14	07/24/14	07/13/14	19	Maher Awawdeh
	RFI-13-00016-SHT-023	Technical requirement as per RFI#13 response for Bladder Type Surge System At Deir Sha'ar main pipeline project, TO # 16	SHT	07/03/14	08/02/14	07/10/14	7	Maher Awawdeh
	RFI-13-00016-SHT-024	CMC response to stone wall shop drawing submittal no. SUB-13-00016 –SHT-194-A-Deir Sha'ar main pipeline project, TO # 16	SHT	07/14/14	08/13/14	07/24/14	10	Maher Awawdeh
	RFI-13-00016-SHT-025	Replace the proposed pipe culvert 1.0 m dia with 3(60) cm dia pipe culverts at sta. 4+610/ Deir Sha'ar main pipeline project, TO # 16	SHT	07/14/14	08/13/14	07/22/14	8	Maher Awawdeh
	RFI-13-00016-SHT-026	Pipes and Catch basin for Storm Drainage system	SHT	08/14/14	09/13/14	08/25/14	11	Maher Awawdeh
	RFI-13-00016-SHT-027	Location for the required valves and connection chambers at Deir Sha'ar Main pipeline project, TO # 16	SHT	08/26/14	09/25/14	09/09/14	14	Maher Awawdeh
	RFI-13-00016-SHT-028	Flow meter size for Deir Sha'ar Connection Chamber @ Sta.1+280/ Task order #16	SHT	09/11/14	10/11/14	10/02/14	21	Maher Awawdeh
	RFI-13-00016-SHT-029	Epoxy coated Steel pipes-Tzinorot -16", 20" and 24"/ Task order #16	SHT	09/29/14	10/29/14	10/16/14	17	Maher Awawdeh
	RFI-13-00016-SHT-030	Pre-cast concrete roof slab for water chambers at Deir Sha'ar Main pipeline project TO# 16	SHT	11/18/14	12/18/14	11/20/14	2	Maher Awawdeh
	RFI-13-00016-SHT-031	Change size of Halhul Connection Chamber MD-05 -at sta. 8+889- Deir Sha'ar Main pipeline Task order #16	SHT	11/19/14	12/19/14	12/18/14	29	Maher Awawdeh
	RFI-13-00016-SHT-032	Outfall of washout on main transmission pipeline in urban areas- Drawing MD-08 / Deir Sha'ar Main pipeline Task order #16	SHT	12/14/14	01/13/15	12/30/14	16	Maher Awawdeh
	RFI-13-00016-SHT-033	Access for flow monitoring chamber for Deer Sha'ar	SHT	12/21/14	01/20/15	12/30/14	9	Maher Awawdeh
	RFI-13-00016-SHT-034	Pre-cast concrete roof slab for Wash out water chambers at Deir Sha'ar Main pipeline project TO# 16	SHT	01/22/15	02/21/15	01/29/15	7	Maher Awawdeh
	RFI-13-00016-SHT-035	30" Main pipe route and connection at Halual reservoir / Deir Sha'ar Main pipeline Task order #16	SHT	02/09/15	03/11/15			
	RFI-13-00016-SHT-036	Connection chamber MD-07A -at sta. 11+850 Halhul Reservoir - Deir Sha'ar Main pipeline Task order #16	SHT	02/16/15	03/18/15			

H | Geo-MIS DATA COLLECTION SHEET
Generated Person Days of Employment

USAID WEST BANK/ GAZA

INFRASTRUCTURE NEEDS PROGRAM INPII

CONTRACT NO. AID-294-I-00-12-00005

TASK ORDER NO. AID-294-TO-13-00016

Deir Sha'ar Main Pipeline Project (SHT)

Temproray Job Days Summary Report

Task Order Name: Deir Sha'ar Main Pipeline Project

PERIOD FROM: November 06, 2013

CONTRACTOR: APCO/ArCon

PERIOD TO: February 28, 2015

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Notes of Comments	Female Working Hours	Female Working Days
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other					
October	2012						0	0			
November	2012						0	0			
December	2012						0	0			
January	2013						0	0			
February	2013						0	0			
March	2013						0	0			
April	2013						0	0			
May	2013						0	0			
June	2013						0	0			
July	2013						0	0			
August	2013						0	0			
September	2013						0	0			
Total of FY 2013							0	0			
October	2013						0	0			
November	2013	29.6	15.1	37.3	0.0	0.0	82.0	3.4		121.0	15.1
December	2013	46.0	14.0	1.5	0.0	0.0	61.5	2.6		112.0	14.0
January	2014	92.0	51.0	28.0	48.0	0.0	219.0	9.2		200.0	25.0
February	2014	95.0	68.4	106.5	105.6	0.0	375.5	15.8		192.0	24.0
March	2014	108.0	80.0	221.3	186.0	0.0	595.3	25.0		216.0	27.0
April	2014	104.0	78.0	299.5	254.0	0.0	735.5	30.9		208.0	26.0
May	2014	135.0	76.8	572.4	553.3	0.0	1337.4	56.2		208.0	26.0
June	2014	164.0	83.0	658.1	603.5	0.0	1508.6	63.4		214.0	26.8
July	2014	141.9	74.0	530.5	346.8	0.0	1093.1	45.9		56.0	7.0
August	2014	159.8	121.6	893.0	558.5	0.0	1732.9	72.8		0.0	0.0
September	2014	188.9	147.3	1265.8	706.0	0.0	2307.9	97.0		0.0	0.0
Total of FY 2014							10048.6	422.2		1527.0	190.9
October	2014	155.0	107.5	843.3	443.5	0.0	1549.3	65.1		0.0	0.0
November	2014	179.3	110.1	797.4	464.5	0.0	1551.3	65.2		0.0	0.0
December	2014	186.9	125.0	1090.4	595.9	0.0	1998.1	84.0		0.0	0.0
January	2015	144.5	98.6	633.3	431.0	0.0	1307.4	54.9		0.0	0.0
February	2015	160.5	114.3	562.9	400.8	0.0	1238.4	52.0		0.0	0.0
March	2015						0.0	0.0			
April	2015						0.0	0.0			
May	2015						0.0	0.0			
June	2015						0.0	0.0			
July	2015						0.0	0.0			
August	2015						0.0	0.0			
September	2015						0.0	0.0			
Total of FY 2015							7644.4	321.2		0.0	0.0

Note :

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

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

Note: All numbers are rounded to the nearest decimal number.

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM
TASK ORDER NO: AID-294-TO-12-00016

Deir Sha'ar Main Pipe Line Project

Geo-MIS DATA COLLECTION SHEET

CONTRACTOR: APCO/ArCon

PERIOD FROM: February 01, 2015

PERIOD TO:February 28, 2015

DATE	Deir Sha'ar Main Pipe Line Project					SubTotal						
	Management	Engineers	Skilled labor	Unskilled labor	Other							
February 1, 2015	6.8	4.5	21.4	20.0		52.6						
February 2, 2015	6.8	3.4	29.3	24.5		63.9						
February 3, 2015	6.8	5.6	20.3	17.8		50.4						
February 4, 2015	6.8	5.6	36.0	24.5		72.9						
February 5, 2015	6.8	5.6	39.4	20.0		71.8						
February 6, 2015	0.0	0.0	0.0	1.1		1.1						
February 7, 2015	6.8	5.6	32.6	21.1		66.1						
February 8, 2015	6.8	5.6	32.6	22.3		67.3						
February 9, 2015	6.8	5.6	33.8	22.3		68.4						
February 10, 2015	6.8	5.6	33.8	22.3		68.4						
February 11, 2015	6.0	4.3	5.0	6.1		21.4						
February 12, 2015	6.8	4.5	4.5	6.5		22.3						
February 13, 2015	0.0	0.0	0.0	1.1		1.1						
February 14, 2015	6.8	4.5	29.3	18.9		59.4						
February 15, 2015	6.8	4.5	29.3	18.9		59.4						
February 16, 2015	6.8	4.5	31.5	22.3		65.0						
February 17, 2015	6.8	4.5	32.6	22.3		66.1						
February 18, 2015	6.8	4.5	18.0	17.8		47.0						
February 19, 2015	6.8	4.5	3.4	4.3		18.9						
February 20, 2015	0.0	0.0	0.0	0.0		0.0						
February 21, 2015	6.0	4.3	3.3	4.1		17.6						
February 22, 2015	6.8	4.5	3.4	4.3		18.9						
February 23, 2015	6.8	4.5	13.5	12.1		36.9						
February 24, 2015	6.8	4.5	14.6	12.1		38.0						
February 25, 2015	6.8	4.5	30.4	23.4		65.0						
February 26, 2015	6.8	4.5	32.6	6.5		50.4						
February 27, 2015	0.0	0.0	0.0	1.1		1.1						
February 28, 2015	6.8	4.5	32.6	23.4		67.3						
	0.0	0.0	0.0	0.0		0.0						
	0.0	0.0	0.0	0.0		0.0						
	0.0	0.0	0.0	0.0		0.0						
Sub Total of February 2015	160.5	114.3	562.9	400.8	0.0	**1238.4**						

Feb-15	**Total Job Days**	**No of Full Time Equivalent (FTE) Jobs**
	1238.4	52.0

Daily Work Force /February 2015

Project: Deir Sha'ar Main Pipeline Project

Contract No. AID-294-I-00-12-00005

Daily Work Force /February 2015

Date	Name of Contractor /Subcontractor	Worker/Classification (Hours)																						Man-days			
		Management							Eng.		Skilled							Unskilled									
			Task Order Manager	Quality Control Manager	Assistant QCM	Technical Engineer	CWI	Safety & Environmental Compliance Officer	Assistant Safety Officer	Project Engineer	Office Engineer	Foreman	Surveyor	Surveyor Assistance	Equipment Operator	Skilled Labor	Welder	Welder Assistance	Unskilled Labor	Flagmen	Guard	Office Guard	Storekeeper	Office Boy	Total Management	Total Engineers	Total Skilled	Total Unskilled
February 1, 2015	APCO/ArCon		9	9		9	9	9	9	27	9	18	9		54	90	0	0	108	18	9	8	9	8	7	5	21	20
	Subcontractor																											
February 2, 2015	APCO/ArCon		9	9		9	9	9	9	18	9	18	9		81	90	27	9	144	18	9	8	9	8	7	3	29	25
	Subcontractor																											
February 3, 2015	APCO/ArCon		9	9		9	9	9	9	36	9	27	9		36	90	0	0	90	18	9	8	9	8	7	6	20	18
	Subcontractor																											
February 4, 2015	APCO/ArCon		9	9		9	9	9	9	36	9	27	9		117	90	27	18	144	18	9	8	9	8	7	6	36	25
	Subcontractor																											
February 5, 2015	APCO/ArCon		9	9		9	9	9	9	36	9	27	9		117	90	45	27	108	18	9	8	9	8	7	6	39	20
	Subcontractor																											
February 6, 2015	APCO/ArCon																				9				0	0	0	1
	Subcontractor																											
February 7, 2015	APCO/ArCon		9	9		9	9	9	9	36	9	27	9		108	90	18	9	117	18	9	8	9	8	7	6	33	21
	Subcontractor																											
February 8, 2015	APCO/ArCon		9	9		9	9	9	9	36	9	27	9		99	90	27	9	126	18	9	8	9	8	7	6	33	22
	Subcontractor																											
February 9, 2015	APCO/ArCon		9	9		9	9	9	9	36	9	27	9		108	90	27	9	126	18	9	8	9	8	7	6	34	22
	Subcontractor																											
February 10, 2015	APCO/ArCon		9	9		9	9	9	9	36	9	27	9		108	90	27	9	126	18	9	8	9	8	7	6	34	22
	Subcontractor																											
February 11, 2015	APCO/ArCon		8	8		8	8	8	8	26	8	0	8		32	0	0	0	0	16	9	8	8	8	6	4	5	6
	Subcontractor																											
February 12, 2015	APCO/ArCon		9	9		9	9	9	9	27	9	0	9		27	0	0	0	0	18	9	8	9	8	7	5	5	7
	Subcontractor																											
February 13, 2015	APCO/ArCon																				9				0	0	0	1
	Subcontractor																											
February 14, 2015	APCO/ArCon		9	9		9	9	9	9	27	9	27	9		108	27	45	18	99	18	9	8	9	8	7	5	29	19
	Subcontractor																											
February 15, 2015	APCO/ArCon		9	9		9	9	9	9	27	9	27	9		108	36	36	18	99	18	9	8	9	8	7	5	29	19
	Subcontractor																											
February 16, 2015	APCO/ArCon		9	9		9	9	9	9	27	9	27	9		108	63	27	18	126	18	9	8	9	8	7	5	32	22
	Subcontractor																											

Date	Name of Contractor /Subcontractor	Worker/Classification (Hour)																						Man-days			
		Management							Eng.		Skilled							Unskilled									
			Task Order Manager	Quality Control Manager	Assistant QCM	Technical Engineer	CWI	Safety & Environmental Compliance Officer	Assistant Safety Officer	Project Engineer	Office Engineer	Foreman	Surveyor	Surveyor Assistance	Equipment Operator	Skilled Labor	Welder	Welder Assistance	Unskilled Labor	Flagmen	Guard	Office Guard	Storekeeper	Office Boy	Total Management	Total Engineers	Total Skilled	Total Unskilled
February 17, 2015	APCO/ArCon		9	9		9	9	9	9	27	9	27	9		117	63	27	18	126	18	9	8	9	8	7	5	33	22
	Subcontractor																											
February 18, 2015	APCO/ArCon		9	9		9	9	9	9	27	9	27	9		36	27	27	18	90	18	9	8	9	8	7	5	18	18
	Subcontractor																											
February 19, 2015	APCO/ArCon		9	9		9	9	9	9	27	9	0	9		18	0	0	0	0	0	9	8	9	8	7	5	3	4
	Subcontractor																											
February 20, 2015	APCO/ArCon																								0	0	0	0
	Subcontractor																											
February 21, 2015	Subcontractor		8	8		8	8	8	8	26	8	0	8		18	0	0	0	0	0	9	8	8	8	6	4	3	4
	Subcontractor																											
February 22, 2015	APCO/ArCon		9	9		9	9	9	9	27	9	0	9		18	0	0	0	0	0	9	8	9	8	7	5	3	4
	Subcontractor																											
February 23, 2015	APCO/ArCon		9	9		9	9	9	9	27	9	9	9		36	54	0	0	63	0	9	8	9	8	7	5	14	12
	Subcontractor																											
February 24, 2015	APCO/ArCon		9	9		9	9	9	9	27	9	9	9		45	54	0	0	63	0	9	8	9	8	7	5	15	12
	Subcontractor																											
February 25, 2015	APCO/ArCon		9	9		9	9	9	9	27	9	27	9		108	54	27	18	135	18	9	8	9	8	7	5	30	23
	Subcontractor																											
February 26, 2015	APCO/ArCon		9	9		9	9	9	9	27	9	36	9		108	81	18	9		18	9	8	9	8	7	5	33	7
	Subcontractor																											
February 27, 2015	APCO/ArCon																				9				0	0	0	1
	Subcontractor																											
February 28, 2015	APCO/ArCon		9	9		9	9	9	9	27	9	36	9		108	81	18	9	135	18	9	8	9	8	7	5	33	23
	Subcontractor																											
	APCO/ArCon																								0	0	0	0
	Subcontractor																											
	APCO/ArCon																								0	0	0	0
	Subcontractor																											
	APCO/ArCon																											
	Subcontractor																											
Total																									**161**	**114**	**563**	**401**

I | RISK REGISTER LOG

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 handled.	1

- Key/ Critical Risks - closely monitor, manage & develop fallback plans
- Intermediate Risks - monitor and manage to mitigate
- Minor Risks

Risk Event	What is it that you are working to avoid or reduce the likelihood or impact of occurring? Risks 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 a 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?

T.O 16- Risk Register Log

RISK IDENTIFICATION							RISK ASSESSMENT					RISK RESPONSE			MONITORING & CONTROLLING	
REF	CATEGORY	RISK	RISK CAUSE	IMPACT/ CONSEQUEN	RAISED BY	DATE RAISED	PROBLTY.	IMPACT	RISK RATING	COST IMPACT	SCHEDULE IMPACT	RESPONSE STRATEGY	RESPONSE PLAN	RISK OWNER	STATUS	NOTES
1	Design								0							
2	Owner								0							
3	USAID								0							
4	External								0							
5	Procurement	Possible delay in delivery of 30" Butterfly valves.	Manufacturing Process	M	APCO Bi-weekly meeting	Feb. 11, 2015	3	2	6	No cost presently	No time presently	Avoid	The contractor is working on improving delivery schedule.	Contractor	Pending	
6	Skills								0							
7	Complexity								0							
8	Resources								0							
9	Communications								0							
									0							