



USAID | WEST BANK/GAZA

CONSTRUCTION MONTHLY PROGRESS REPORT- REPORTING PERIOD:

March 01 - March 31, 2014

Task Order Contract No.: AID - 294 - TO - 13 - 00005

SOUTHWEST NABLUS PROJECT (SWN)

April 03, 2014

This publication was produced for review by the United States Agency for International Development. It was prepared by IRD

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PROJECT I-SOUTHWEST NABLUS VILLAGES WATER SUPPLY (SWT)

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1. Public Relation and Outreach

Public relations and outreach activities during the current reporting period included:

- Taking photos that show the project related activities.

2. Safety and Environmental Status

During the month of March, 2014 IRD continued the implementation of the approved Safety Plan.

Traffic Management:

IRD continued the implementation of the approved traffic control plan and since the available width of the existing road is inappropriate for one-way passable traffic, a detour was provided. The detour was furnished with all the needed directional signs and two flagmen; one at each end of the construction closure zone.

The temporary traffic signs were installed according to the approved traffic management plan in addition to the continuity of the delivery of the moveable traffic signs, detour signs and steel barriers to Madama storage yard.

Safety Meeting:

Safety meetings were conducted on a weekly basis with IRD Subcontractor to improve the existing safety program and to create increased awareness of the Subcontractor's responsibilities for the health and safety of their workers.

Accident Status:

During the current reporting period (0) accident occurred.

The accident statistics for the month of March 2014 can be summarized as follows:

Particulars	Current Month
First Aid Cases	0
Lost Time Cases	0
Total Hours Lost	0

Notice of Unsafe Condition:

NUC No. 2 had been issued by the CMC on March 02, 2014 due to unsafe conditions observed during site inspection. Below is a list of the hazard conditions observed:

Item No.	Location	Level	Hazardous Condition
1	Main Transmission Pipeline	A	Work in high depth trench without applying minimum safety measures (flagmen, PPEs) in high traffic
		B	High trench settlement (8-12 cm) about 800m
		A	Bobcat operating in high traffic without any safety

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Item No.	Location	Level	Hazardous Condition
			measures (signs, flagmen)
		A	Hazardous equipment left unattended
2	Asira Al Qibliya Network	A	Excavation of manholes without applying minimum safety measures and without engineer acceptance.
3	Madama Reservoir	B	Working near Tell-Madama road without providing signage for nearby excavation works for Madama reservoir access road.
4	Unloading Pipeline	A	Slippage of 12m 6" pipe pieces at unloading due to the sure of an unsafe movable crane.

On March 05, 2014 IRD took immediate action and all the works were carried out in according to the approved construction safety and traffic plans. The following corrective measures were taken by IRD:

1. Provision of New Jersey Barriers for manholes.
2. Provision of Reflective Cones.
3. Stoppage of using the mobile crane for transporting the water pipes to sites of work.
4. Providing traffic signs and flagmen where it is needed.
5. No equipment is allowed to be kept onsite after completion of work and will be kept inside the storage yard.

Description of correction:

IRD took immediate actions to rectify all the issues addressed in the NUC by adhering to the approved construction safety plan. All staff and workers are wearing their PPE's, flagmen spread at sites of work and concrete New Jersey barriers are installed around the excavated manholes before backfilling. Furthermore, IRD provided reflective cones along the trench where work is going in preparation of the base coarse before asphalt in addition all the equipment after completing the work were sent to storage yard immediately and no equipment will be onsite without operator or guard. Finally, the mobile crane stopped transporting the pipes on site.

The NUC was closed on March 05, 2014.

Safety Conclusion:

The current level of safety after addressing the NUC'S violations is satisfactory with respect to the current work force and progress on site.

3. Security Coordination

The following table provides a summary of the security coordination activities and meetings carried out during the current reporting period:

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Date	Location/Activity/Attendees	Purpose
March 5, 2014	Nablus DCL/IRD Security Coordinator	Coordination with Nablus DCL regarding the military operation at Madama and Asira
March 6, 2014	Site visit to SWN project/IRD Security Coordinator	Follow up the coordination with Nablus DCL with the military existing in the area
March 18, 2014	Site visit to SWN project/IRD Security Coordinator	Site visit to SWN project
March 19, 2014	Site visit to SWN project/IRD Security Coordinator	Site visit to SWN project
March 20, 2014	Site visit to SWN project/IRD Security Coordinator & Morex representative	Escort Morex staff to the site
March 24, 2014	Site visit /IRD Security Coordinator	Site visit to the sites and checkpoints in the sites area, coordination with Nablus DCL to facilitate movement between the sites
March 24, 2014	Nablus DCL/IRD Security Coordinator, Nablus DCL representative	Meeting with Nablus DCL, explaining to them the situation at the site and talking about the checkpoints.
March 25, 2014	Nablus DCL/IRD Security Coordinator	Sending a staff list to the DCL to facilitate the movement between the sites.

4. Material or Equipment Delivered to Site

Please see attachment SWT 19.4-Material or Equipment Delivered to Site.

5. Progress and Scheduling

The following table provides a summary of the project progress status:

Item	Percentage
Planned percentage complete (based on revised original CPM schedule as of VO No. 006)	55.26%
Actual percentage complete (based on revised original CPM schedule as of VO No. 006)	55.26%
Elapsed Time for SWT Project	73.8%

Table 5.1-SWT-Progress Summary Table

Project Overall Status: The project is still behind the schedule with a -10 days float referring to the elapsed time and project completion date, although as per revised BoQ quantities (VO#6) and updated CPM the project is on scheduled.

In order to recover accumulated delays IRD will bring all resources from recently completed ZWN project in addition to the additional crews for all critical activities.

Regarding roll up schedule, the contractual end date is extended to the August 15, 2104; however due to the delays encountered during the project cycle; a negative float resulted in the schedule and accordingly affected the project completion date. For further details regarding the project progress, please see Attachment SWT 19.1- roll up and one-month look ahead schedules.

Submittal Status:

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During the current reporting period, 17 submittals (including resubmittals) were submitted for this project. Review comments were received for 15 submittals; The Engineer’s review time for reviewed submittals ranged from 1 day to 7 days. The following table and graph provide a summary of the submittals disposition status.

Submittal Disposition	Total
A – No Exceptions Noted	3
B - Make Corrections Noted	7
C- Amend and Resubmit	4
D- Rejected- Resubmit	1
E- Review Not Required	0
Total submittals delivered	17
Total submittals reviewed	15
Submittals delivered not reviewed	2

Table 5.2-SWT-Submittals Analysis

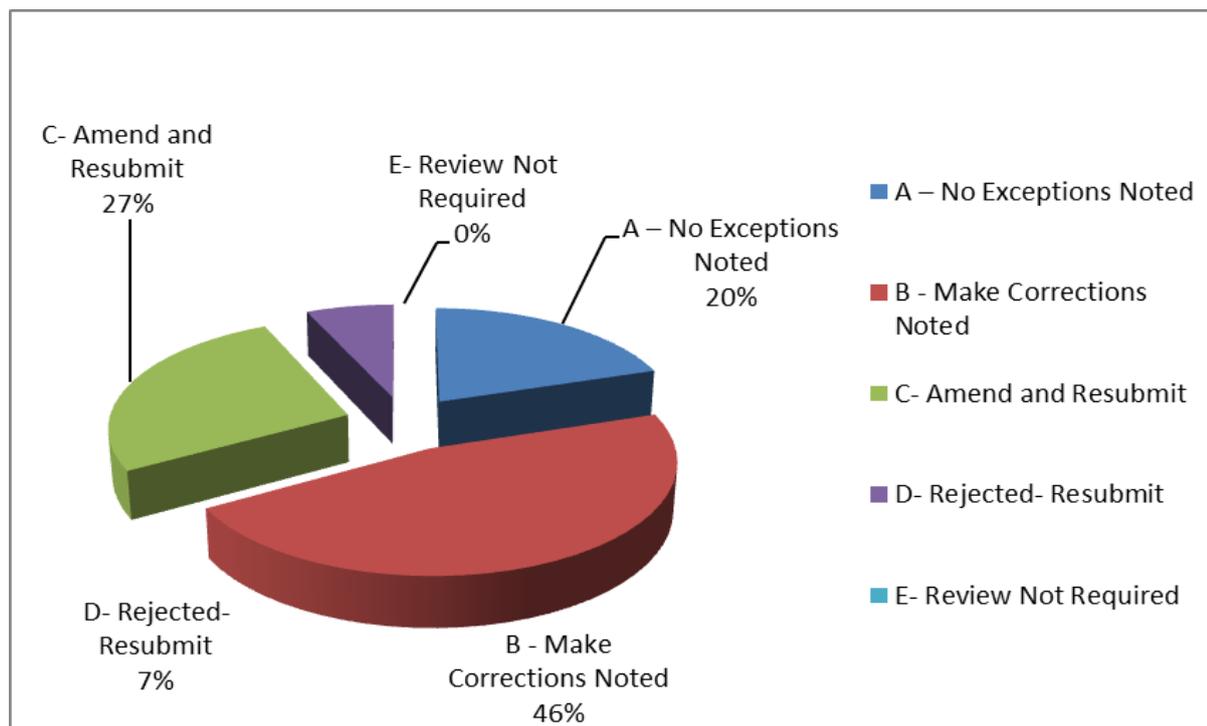


Figure 5.1-SWT-Submittals Disposition

For further details, please see attachment SWT 19.6- Submittals Log

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6. Construction Activities-completed this month and planned for the next month

The following was achieved during the current reporting period:

- **Madama Reservoir**

Civil and Structural Works:

- Completed construction of the retaining walls around the reservoir yard and along Madama reservoir access road.
- Construction of the inlet and outlet chamber.
- Work on repair of the concrete surfaces of the reservoir walls using approved materials from FOSROC.
- Installation of the yard piping.

- **Asira Al Qibliya Reservoir**

Civil and Structural Works:

- Work on concrete repair of the internal and external faces of the reservoir walls using approved repair materials from FOSROC.
- Excavation for the inlet and outlet chamber.
- Excavating of the trenches for yard piping.

- **Urif Reservoir**

Civil and Structural Works:

- Work on concrete repair of the internal and external faces of the reservoir walls using approved repair materials from FOSROC.
- Completed construction of the inlet and outlet chamber.
- Completed construction of the internal retaining walls inside the reservoir yard.

- **Transmission Pipeline**

- Installation of 106.46 m of 150 mm steel pipes and fittings (double trench).
- Installation of 26.35 m of 100 mm steel pipes and fittings (double trench).
- Installation of 11.5 m of 250 mm steel pipes and fittings (double trench).
- Trench reinstatement by applying first layer of asphalt between stations 4+577.10 - 2+700.00 for a total length of 1877.10 m.
- Construction of Bureen flow monitoring chamber on existing 6" steel main pipeline.
- Excavation for Bureen flow monitoring chamber and casting the layer of blinding concrete.
- Installation of nine air release valves, five washouts and three gate valves precast chambers.

- **Madama Network**

- Installation of 363.39m of 50 mm galvanized steel pipes and fittings (double trench).
- Flushing works and hydrostatic pressure tests for 2,648.44 m of the installed 2" galvanized steel pipelines.

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- Flushing works and hydrostatic pressure tests for 953.45 m of the installed 3” welded steel pipelines.
 - Flushing works and hydrostatic pressure tests for 1,391.3 m of the installed 4” welded steel pipelines.
 - Flushing works and hydrostatic pressure tests for 493.74 m of the installed 1” galvanized steel pipelines.
 - Flushing works and hydrostatic pressure tests for 354.13 m of the installed ¾” galvanized steel pipelines.
 - Trench reinstatement by applying the first layer of asphalt along lines M2-25 and M2-26 for a total length of 1000 m.
 - Installation of five gate valves precast chambers for 2” size pipe.
- **Asira Al Qibliya Network**
 - Installation of 17.1m of 50 mm galvanized steel pipes and fittings (single trench).
 - Installation of 24.2 m of 80 mm steel pipes and fittings.
 - Excavation works and installation of 22 NO. of 2” gate valve precast chambers and fittings.
 - Flushing works and hydrostatic pressure tests for 67.4 m, 90.8 and 254.8 m of the installed 1.5”, 1” and ¾” galvanized steel pipelines respectively.
- **Urif Network**
 - Installation of 639.53 m of 50 mm galvanized steel pipes and fittings (single trench).
 - Installation of 96.3 m of 3” steel pipes and fittings.
 - Installation of 84.98 m of 1.5” galvanized steel pipes for house connections.
 - Installation of 292.59 m of 1” galvanized steel pipes for house connections.
 - Installation of 946.45 of ¾” galvanized steel pipes for house connections.
 - Flushing works and hydrostatic pressure tests for 100.81m of the installed 2” galvanized steel pipelines.
 - Flushing works and hydrostatic pressure tests for 67.7 m and 43.5.8 m of the installed 1” and ¾” galvanized steel pipelines respectively.
 - Excavation works and installation of three 2” gate valve precast chambers and fittings.
 - Installation of one gate valve chamber (for 2” size pipe).

The following are the main activities planned for next month:

- **Madama Reservoir**
 - **Civil and Mechanical Works**
 - Completing preparation of the concrete surfaces of internal wall and the internal wall of the reservoir prior to filling for hydrostatic pressure testing.
 - Installation of all valves and fitting inside the washout chamber and the inlet and outlet chamber prior to filling the reservoir with water for hydrostatic pressure testing.
 - Fabrication and installation of the stainless steel internal ladder.
 - Fabrication and installation of the external ladder and roof railing.

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- Installation of the roof hatches.
- Filling the reservoir by water and conducting of the hydrostatic pressure testing.

- **Asira Al Qibliya Reservoir**
 - Construction of the inlet and outlet chamber.
 - Yard piping completion.
 - Installation of all valves and fittings inside the washout chamber and the inlet and outlet chamber prior to filling the reservoir with water for hydrostatic pressure testing.
 - Completing the preparation of the concrete surfaces of internal wall and the internal wall of the reservoir prior to filling for hydrostatic pressure testing.

- **Urif Reservoir**
 - Yard piping completion.
 - Installation of all valves and fittings inside the washout chamber and the inlet and outlet chamber prior to filling the reservoir with water for hydrostatic pressure testing.
 - Completing the preparation of the concrete surfaces of internal wall and the internal wall of the reservoir prior to filling for hydrostatic pressure testing
 - Fabrication and installation of the stainless steel internal ladder.
 - Fabrication and installation of the external ladder and roof railing.
 - Installation of the roof hatches.
 - Filling the reservoir by water and conducting hydrostatic pressure testing.

- **Transmission Pipeline**
 - Complete installation of the remaining length of the 6” steel pipes feeding Urif Reservoir.
 - Continue trench reinstatement and placing first layer of asphalt along the executed part between Asira Al Qibliya and Madama.
 - Excavation and installation of the remaining big size precast chambers.
 - Earthwork on the new road between Madama and Burin.
 - Excavation and installation of the box culvert.
 - Construction of the flow water meter chamber near Bureen reservoir.
 - Flushing and pressure tests for the installed welded steel pipelines.

- **Asira Al Qibliya Network**
 - Continue excavation and installation of the remaining sections for house connections.
 - Continue of flushing and conducting pressure testing for the executed water pipeline.
 - Continue of excavation for the precast water chambers and installation (60x60x60 mm and 150x150x185 mm) manhole.
 - Trench reinstatement for the lines where pressure tests are conducted.
 - Installation of the additional 600 m 2” galvanized steel pipes upon the CMC instructions.
 - Installation of the remaining 3”&6” steel pipes near Asira Al Qibliya Reservoir.

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- **Madama Network**

- Continue of excavation and installation of the remaining precast air vents and washouts water chambers.
- Continue flushing and conducting pressure testing for the executed water pipelines.
- Continue trench reinstatement for the water pipeline where pressure tests are done and applying first layer of asphalt.
- Installation of the 4” steel pipes coming out of Madama reservoir and feeding Madama network.

- **Urif Network**

- Continue excavation and installation works for the remaining 50 mm galvanized steel pipes and the 80 & 150 mm steel pipes.
- Continue excavation and installation of the house connections piping.
- Continue installation of the 2” gate valve precast chambers.
- Excavation and installation of the big size precast chambers.

7. Updated Schedule

For further details, please see Attachment SWT 19.1- Updated schedule roll up and one-month look ahead.

8. Site Memos

One Site Memo was issued from the Engineer to the Contractor during the current reporting period for this project. For further details, please see Attachment SWN 19.3-Site Memo Log.

9. Inspection Requests

During the current reporting period, 79 inspection requests were submitted to the Engineer. The Engineer responded to 74 inspection requests. For further details, please see Attachment SWT 19.5- Inspection Requests Log.

10. Test Reports

During the current reporting period, 38 testing reports were submitted to the Engineer of which 37 testing reports passed, and one test result is not received yet. For further details, please see Attachment SWN 19.6- Testing Log.

Type of Material Test	No. of Tests Passed	No. of Tests Failed	No. of Tests (Results Not Received)	Total No. of Tests Conducted
Asphalt	4	0	0	4
Single Size Aggregate	1	0	0	1
Bedding (Somsom)	1	0	0	1
Base Course	12	0	1	13

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Type of Material Test	No. of Tests Passed	No. of Tests Failed	No. of Tests (Results Not Received)	Total No. of Tests Conducted
Concrete	14	0	0	14
Reinforcement Steel Bars	5	0	0	5
Total	37	0	1	38

Table 10.1-SWN- Test Report Summary

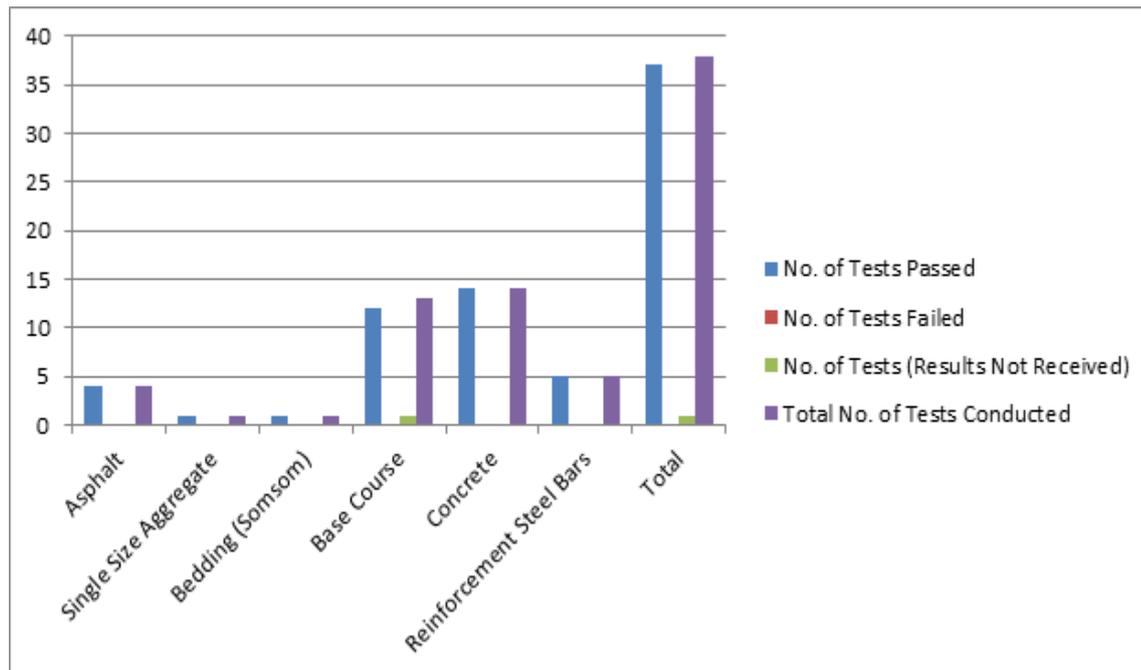


Figure 10.1-SWN- Quality Control Testing

11. Request for Information

One RFI was submitted to the Engineer during the current reporting period; for further information please see Attachment SWN 19.7-Request for Information Log.

12. Summary of Payments and Accrued Expenditures

- IRD submitted its eighth payment under Task Order No. 13-00005 / INP I on March 10, 2014 which was approved by the CMC on March 13, 2014. The corresponding payment amount was received from USAID on March 28, 2014. This payment covers the period from February 01 to March 04, 2014.

Payment No.	Period of Performance Quantity		Current Payment Amount	Previous	Cumulative to date	Payment Submission Date	CMC Approval Date	Date Payment Received
	Period From	Period To						
8	Feb.01, 14	Mar.04, 14	368,158.00	2,528,159.62	2,896,317.62	Mar. 10, 14	Mar. 13, 14	Mar. 28, 14

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Table 12.1-SWT-Payment Summary

Accrued expenditures for Task Order 13-00005-Southwest Nablus Project-SWT=
 \$4,142,825.70-\$2,896,317.62 = 1,246,508.08.

13. Variation Orders and Variation Order Requests

One VOR was submitted while VOs No. 005 & 006 were issued during the current reporting period. For further information, please see Attachment SWN-19.8 VOs/VORs Log.

14. Operation, Maintenance and Training

This section is not applicable for the reporting period.

15. Summary of Working/Non-Working Days

The following table provided a summary of the Working/ Non-Working Days for the project.

1.	Total Period of Performance (Original)	450 Calendar Days
2.	Total Excusable delays/approved extensions	30 Calendar Days
3.	Modified Period of Performance	480 Calendar Days
4.	Modified Completion Date	August 15, 2014
5.	No. of Working Days during this month	27 Calendar Days
6.	Accumulated Working Days	273 Calendar Days
7.	Total No. of non-working days (Holidays and weekends) during this month	4 Calendar Days
8.	Accumulated non-working days (Holidays and weekends)	69 Calendar Days
9.	No. of other non-working days during this month	N/A
10.	Accumulated other non-working days	1 Calendar Day

Table 15.1-SWT-Summary of Working/ Non-Working Days

16. Project Indicators

16.1. Indicator #1:

Generic Performance Indicators:			
	Total number of Beneficiaries	8,485	
ZZZ1A	Number of Male Beneficiaries	4,337	
ZZZ1B	Number of Female Beneficiaries	4,148	
ZZZ1C	Permanent Jobs Created (positions)	N/A	
ZZZ1D	Temporary Jobs Created (positions)	TBD	
ZZZ1E	Temporary Job-days (people x days)	TBD	
ZZZ1F	Male Beneficiaries to Age 17	2,049	47.24%
ZZZ1G	Female Beneficiaries to Age 17	1,959	47.24%
ZZZ1H	Male Beneficiaries 18 to 25	684	15.78%
ZZZ1I	Female Beneficiaries 18 to 25	655	15.78%
ZZZ1J	Male Beneficiaries 26 and older	1,604	36.98%
ZZZ1K	Female Beneficiaries 26 and older	1,534	36.98%

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Activity Specific Performance Indicators:			
W049A	Length of water transmission lines (in meters) constructed	10,000	
W049B	capacity (cubic meter/day) of water wells and pump stations	N/A	
W049C	No. of water tanks/reservoirs cons/rehab.	3	
W049D	No. of water pump stations cons/rehab.	N/A	
W049E	No. of wells (agricultural production) rehabilitated	N/A	
W049F	No. of wells drilled/constructed	N/A	
W049G	value of commodities/equipment delivered	N/A	
W049H	Capacity/Volume(M ³) of constructed water reservoir	1500	500X3 =1500 m ³
W049I	No. of wells/pump stations provided with power	N/A	
W049J	Length (meters) of medium voltage lines installed	N/A	
W049K	No. of generators/transformers installed	N/A	
W049L	No. of people benefited from water projects	8,485	
W049M	Length of local water network (in meters) constructed or rehabilitated.	42,000	

Table 16.1-SWT-Target Value for Project 1

16.2. Indicator #2: Person days of Employment Generated

The following is the employment generated in Person days for Project 1 for the period between March 01 and March 31, 2014:

- Estimated Target Value; 27,280 person days ;
- Employment generated previously; 10752 person days;
- Employment generated for the period; 1291 person days;
- Total cumulative employment generated to-date; 12043 person days.

17. General Comments, Arisen Issues and Problems Encountered

The following table summarizes the problems and issues encountered for this project during the current reporting period:

Issue	Description	Responsible Party	Remedial Measures/Comments
N/A			

Table 17.1-SWT-Problems and Issues Summary Table

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18. Construction Photos

Executed work and pipe installation in Madama Network:

		
<p>Photo No.1- Fixing steel reinforcement for the 3" PRV chamber walls. -Madama Network Photo Date: 01 March, 2014</p>	<p>Photo No.2- Compacting the base course material layer. -Madama Network Photo Date: 04 March, 2014</p>	<p>Photo No.3- Preparations of the base course layer in order to pave the first layer of asphalt along line M2-26. -Madama Network Photo Date:05 March, 2014</p>
		
<p>Photo No.4- Sidewalk concrete protection after troweling-Line M2-26. -Madama Network Photo Date: 09 March, 2014</p>	<p>Photo No.5- Connection between ARV manhole and installed pipes. -Madama Network Photo Date: 23 March, 2014</p>	<p>Photo No.6- Spreading of the asphalt layer along line (M2-25). -Madama Network Photo Date: 27 March, 2014</p>
		
<p>Photo No.7- Compacting the placed asphalt wearing course layer by a steel roller. -Madama Network Photo Date: 29 March, 2014</p>	<p>Photo No.8- Connection between the manhole and installed pipeline. -Madama Network Photo Date: 31 March, 2014</p>	

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Executed work and pipe installation- Asira Al Qibliya Network

		
<p>Photo No.1- Cleaning and dust mitigation using unskilled labors and water tank. -Asira Al Qibliya Network Photo Date: 05 March, 2014</p>	<p>Photo No.2- Checking steel reinforcement for the precast PRV roof slab. -Asira Al Qibliya Network Photo Date: 11 March, 2014</p>	<p>Photo No.3- Casting concrete of the roof slab for the precast PRV. -Asira Al Qibliya Network Photo Date: 12 March, 2014</p>
		
<p>Photo No.4- Welding work along line (A3-007) and connecting to PRV 3-4. -Asira Al Qibliya Network Photo Date: 16 March, 2014</p>	<p>Photo No.5- Connection between PRV manhole and installed pipes. -Asira Al Qibliya Network Photo Date: 23 March, 2014</p>	<p>Photo No.6- Digging for the precast chamber using big wheel excavator. -Asira Al Qibliya Network Photo Date: 24 March, 2014</p>

Executed work and pipe installation- Urif Network

		
<p>Photo No.1- Installation of house connection. -Urif Network Photo Date: 04 March, 2014</p>	<p>Photo No.2- Excavation work for house connections. -Urif Network Photo Date: 06 March, 2014</p>	<p>Photo No.3- Excavation work for house connections. -Urif Network Photo Date: 09 March, 2014</p>

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**Photo No.4- Excavation work using JCB.
-Urif Network
Photo Date: 15 March, 2014**



**Photo No.5- Conducting flushing.
-Urif Network
Photo Date: 23 March, 2014**



**Photo No.6- Flushing of the line in preparation for hydrostatic pressure test.
-Urif Network
Photo Date: 25 March, 2014**

Executed work and pipe installation Transmission Pipeline



**Photo No.1- Fixing steel reinforcement for walls of the inlet and outlet connection chamber near Burien reservoir.
-Transmission Pipeline
Photo Date: 06 March, 2014**



**Photo No.2- Spreading asphalt layer in AQ area.
-Transmission Pipeline
Photo Date: 08 March, 2014**



**Photo No.3- Provision of concrete barriers around the manhole excavated hole.
-Transmission Pipeline
Photo Date: 17 March, 2014**



**Photo No.4- Installation of 3'' & 6'' steel pipes.
-Transmission Pipeline
Photo Date: 18 March, 2014**



**Photo No.5- welding works for 10'' steel pipe.
-Transmission Pipeline
Photo Date: 22 March, 2014**



**Photo No.6- Spreading asphalt layer in AQ area
-Transmission Pipeline
Photo Date: 26 March, 2014**

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<p>Photo No.7- Installation of reducers and 6” steel pipes that cross the flow-monitoring chamber in Bureen. -Transmission Pipeline Photo Date: 29 March, 2014</p>	<p>Photo No.8- Safety arrangement -Transmission Pipeline Photo Date: 31 March, 2014</p>	

Madama Reservoir

		
<p>Photo No.1- Casting concrete for walls and roof slab of the inlet and outlet connection chamber. -Madama Reservoir Photo Date: 03 March, 2014</p>	<p>Photo No.2- Installation of steel reinforcement for walls of retaining walls of Madama access road. -Madama Reservoir Photo Date: 04 March, 2014</p>	<p>Photo No.3- Isolating retaining walls of MDR access road. -Madama Reservoir Photo Date: 06 March, 2014</p>
		
<p>Photo No.4- Casting concrete for the retaining walls of MDR access road. - Madama Reservoir Photo Date: 08 March, 2014</p>	<p>Photo No.5- Installation of wire mesh security fence on top of MDR access road retaining walls. - Madama Reservoir Photo Date: 17 March, 2014</p>	<p>Photo No.6- Installation of the inlet & outlet pipelines inside the yard. - Madama Reservoir Photo Date: 20 March, 2014</p>

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**Photo No.7- Installation of air vent pipe for the inlet and outlet chamber.
-Madama Reservoir
Photo Date: 26 March, 2014**



**Photo No.8-General view.
-Madama Reservoir
Photo Date: 31 March, 2014**



Asira Al Qibliya Reservoir



**Photo No.1- Excavation works for inlet and outlet connection chamber.
-Asira Al Qibliya Reservoir
Photo Date: 17 March, 2014**



**Photo No.2- Excavation for pipes connection chamber.
- Asira Al Qibliya Reservoir
Photo Date: 19 March, 2014**



**Photo No.3- General view.
- Asira Al Qibliya Reservoir
Photo Date: 31 March, 2014**

Urif Reservoir



**Photo No.1- Fixing steel reinforcement for base slab of the inlet and outlet chamber.
-Urif Reservoir
Photo Date: 01 March , 2014**



**Photo No.2- Installation of steel reinforcement for foundation of the internal retaining walls.
- Urif Reservoir
Photo Date: 04 March, 2014**



**Photo No.3- Casting concrete of the base slab for boundary wall.
- Urif Reservoir
Photo Date: 08 March, 2014**

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Photo No.4- Casting concrete for walls of the inlet and outlet connection chamber.
 - Urif Reservoir
 Photo Date: 17 March, 2014

Photo No.5- Cleaning steel reinforcement prior to closing of the wall formwork.
 - Urif Reservoir
 Photo Date: 20 March, 2014

Photo No.6- Casting concrete for section of the internal boundary wall.
 - Urif Reservoir
 Photo Date: 25 March, 2014



Photo No.7- Casting concrete of the last section of the walls of the internal boundary wall.
 -Urif Reservoir
 Photo Date: 30 March , 2014

Photo No.8-General view.
 - Urif Reservoir
 Photo Date: 31 March, 2014

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CONSTRUCTION MONTHLY PROGRESS REPORT FOR THE REPORTING PERIOD:

March 01- March 31, 2014

TASK ORDER CONTRACT NO.: AID - 294 - TO - 13 – 00005

PROJECT 2-AZ ZAWIEH NETWORK PROJECT (ZWN)

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1. Public Relation and Outreach

Public relations and outreach activities during the current reporting period included:

- Taking photos that show the activities at the project site.

2. Safety and Environmental Status

Traffic Management:

IRD continued with the implementation of the approved traffic control plan and since the available width of the existing road is inappropriate for one-way passable traffic, a detour was provided. The detour was furnished with all the needed directional signs and two flagmen; one at each end of the construction closure zone.

Safety Meeting:

Safety meetings were conducted on a weekly basis with IRD Subcontractor to improve the existing safety program and to create increased awareness of the Subcontractor's responsibilities for the health and safety of their workers.

Accident Status:

During the current reporting period (0) accident occurred.

The accident statistics for March 2014 can be summarized as follows:

Particulars	Current Month
First Aid Cases	0
Lost Time Cases	0
Total Hours Lost	0

Notice of Unsafe Condition:

No notices of unsafe conditions were issued to IRD by the CMC during this reporting period.

Az Zawieh Final Accident Report

On Saturday, January 25, 2014 a crew of three workers and an unauthorized bobcat operator began cleaning the edges of the road, which is called municipality road known according to design drawings line Z3-18 station 0+240 LHS, and placing the cleaned material in the bobcat bucket. The three workers were wearing their PPE's while cleaning in front of the bobcat and requesting the operator to move backward to clean near the existing walls (The bobcat had a backup alarm but the sound was not loud). At 15:30, a girl came rushing out of her house, which lies immediately on the main road where the work was carried out, and without her noticing the bobcat, she slammed her head into the back part of the bobcat. Her brother came after her and shouted asking the bobcat driver to stop, at the same time other workers in the field caught the driver's attention that stopped the bobcat immediately and did not go over the little girl. Her mother rushed and took the girl in private car to Bedia clinic.

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Later at 16:10 o'clock, it was announced at Bedia clinic that the girl Aya Mohammad Rawhi Shakoor passed away. The medical report was delivered to IRD on February 9, 2014 and it stated the reason for death is "internal bleeding".

Following the investigation, IRD found that the bobcat operator who made the accident is not the assigned driver for this bobcat and does not even have a driving license; therefore, in reference to the insurance law the insurance company did not compensate the family for this accident.

Internal findings for the accident cause:

On the day of the accident, B&V, IRD and ABC Engineers made a joint inspection for line Z3-18 where the accident occurred after completing of the asphalt paving along lines Z2-12 and Z2-14. The joint inspection was conducted in the same morning of the accident. According to the joint inspection, there were no activities planned along line Z3-18. However, and after the conclusion of the joint inspection, ABC subcontractor (Lubadeh Asphalt Co. from Tulkarem) took the initiative, and without receiving direct instructions from IRD-project team or ABC and without informing the project management team, started making the cleaning for that section where the accident occurred in preparation to carry out the asphalt paving the next day. From the IRD internal investigation, it was found out that ABC subcontractor, did not only commence the cleaning on his own risk, but also brought another equipment (bobcat) that was not approved by the IRD or ABC. In addition, the driver was not officially approved to drive and operate bobcat since he was not licensed and was not designated for the Bobcat. He was assigned to work on the manually operated compactor – small roller. On February 22, 2104 IRD interviewed the bobcat driver Mr. Haitham Fathi Awad Azzam who said that " he mounted the bobcat on his own to remove the rubble from the side of the street, after the engineers: Talal Najjar, Mohammad Bushnaq, Mahmoud Bader and Maher Azazmah, insisted to have the road cleaned before next day paving work. And after the engineers have left the site, where the accident occurred, Haitham mounted the bobcat on his own responsibility and then the accident occurred, and in response to the question if any engineer was on the location, he said" that no engineers were present on location during the accident, but there were 3 workers with him on site". Moreover, the bobcat that was involved in the accident was not inspected by IRD project team since it was its first day on site without the knowledge of IRD and ABC. IRD SECO, Mahmoud Bader, was with the joint inspection team working on other project segments.

3. Security Coordination

Date	Attendees	Purpose
N/A		

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4. Material or Equipment Delivered to Site

Please see attachment ZWN 19.4-Material or Equipment Delivered to Site.

5. Progress and Scheduling

The following table provides a summary of the project progress status:

Item	Percentage
Planned percentage complete(based on revised original CPM schedule)	100.00%
Actual percentage complete (based on revised original CPM schedule)	100.00%
Elapsed Time for ZWN Project	100.00%

Table 5.1-ZWN-Progress Summary Table

Project Overall Status: The project has been completed, inspected and handed over in the presence of USAID, B&V, WBWD and Az Zawieh municipality on March 31, 2014.

For further details regarding the project progress, please see Attachment ZWN 19.1- Updated schedule- roll-up and one-month look ahead schedule.

Submittal Status:

During the current reporting period, four submittals (including resubmittals) were delivered for this project. All review comments were received. For further details, please see attachment ZWN 19.6- Submittals Log.

Submittal Disposition	Total
A – No Exceptions Noted	1
B - Make Corrections Noted	3
C- Amend and Resubmit	0
D- Rejected- Resubmit	0
E- Review Not Required	0
Total submittals delivered	4
Total submittals reviewed	4
Submittals delivered not reviewed	0

Table 5.2-SWT-Submittals Analysis

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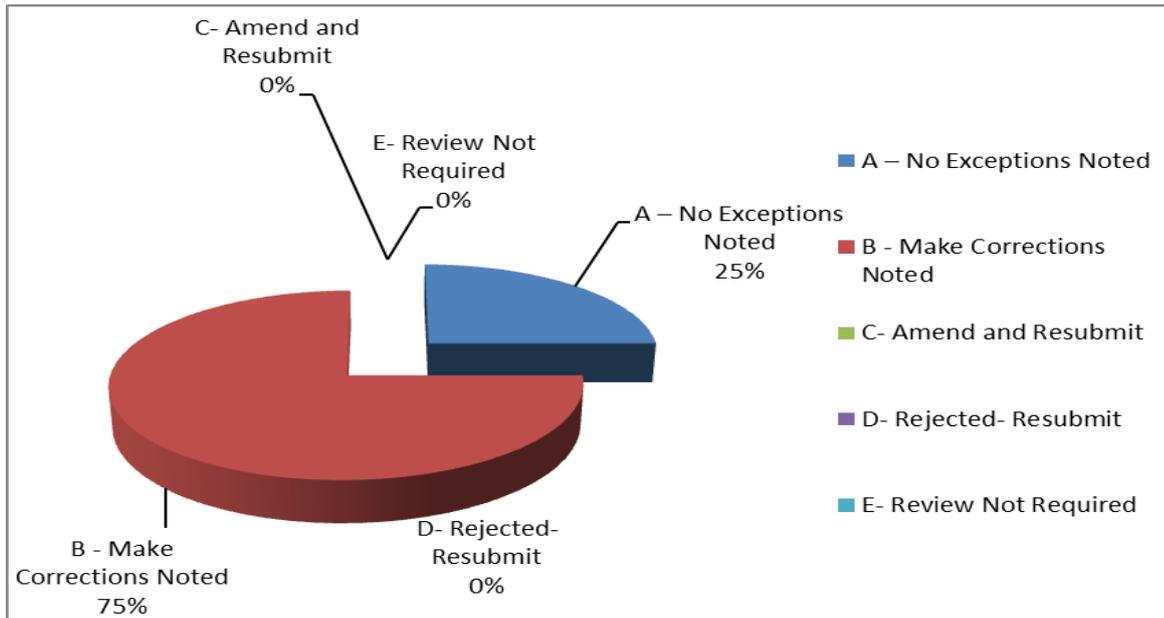


Figure 5.1-SWT-Submittals Disposition

6. Construction Activities-completed this month and planned for the next month

The following was achieved during the current reporting period:

- Complete hydrostatic pressure tests.
- Complete installation of the valves and fittings inside the water chambers.
- Complete installation of the prepaid water meters including the steel enclosure.
- Complete the connections between the new network and the existing one.
- Pouring concrete on the road shoulders.
- Complete disinfection activities for the whole network.
- Complete asphalt works including trench reinstatement.
- Submitting the O&M Manual and finalizing the As -Built Drawings.
- Fabrication and installation of the project permanent sign.
- Conducting class and onsite training.
- Initial walk through conducted on March 25, 2014, and initial snag list preparation.
- Obtaining clearance certificate from Az Zawieh municipality.
- Continue working on snag list items.
- Final inspection, acceptance and project handing over on March 31, 2014 in the presence of USAID, B&V, WBWD and Az Zawieh municipality.

The following is the main activities planned for next month:

- Complete project close out requirements, submission of the final payment based on final executed quantities and submission of final report-first draft.

7. Updated Schedule

For further details, please see Attachment SWN 19.1- Updated schedule roll up and One Month Look Ahead.

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8. Site Memos

Two site memos were issued from the Engineer to the Contractor during the current reporting period for this project. For further details, please see Attachment ZWN 19.3-Site Memo Log.

9. Inspection Requests

During the current reporting period, 13 inspection requests were submitted to the Engineer. The Engineer responded to all inspection requests submitted during the current reporting period. For further details, please see Attachment ZWN 19.5- Inspection Requests Log.

10. Test Reports

During the current reporting period, 20 testing report were submitted; 18 test report passed while two tests are still waiting the Engineer review. For further details, please see Attachment ZWN 19.6- Testing Log.

Type of Material Test	No. of Tests Passed	No. of Tests Failed	No. of Tests (Results Not Received)	Total No. of Tests Conducted
Base Course	9	0	2	11
Reinforcement Steel Bars	1	0	0	1
Asphalt	7	0	0	7
Concrete	1	0	0	1
Total	18	0	2	20

Table 10.1-ZWN- Test Report Summary

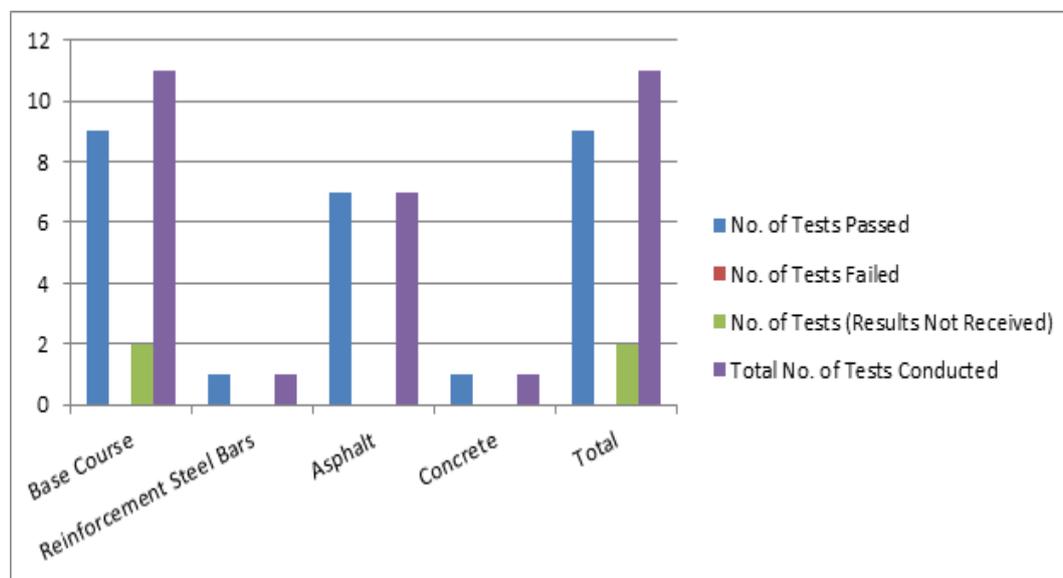


Figure 10.1-ZWN- Quality Control Testing

11. Request for Information

One RFI was submitted to the Engineer during the current reporting period; for further information please see Attachment SWN 19.7-Request for Information Log.

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12. Summary of Payments and Accrued Expenditures

- 1- IRD submitted its eighth payment under Task Order No. 13-00005 / INP I on March 10, 2014 which was approved by the CMC on March 13, 2014. The corresponding payment amount was received from USAID on March 28, 2014. This payment covers the period from February 01 to February 28, 2014.

Payment No.	Period of Performance Quantity		Current Payment Amount	Previous	Cumulative to date	Payment Submission Date	CMC Approval Date	Date Payment Received
	Period From	Period To						
8	Feb.01, 14	Feb.28, 14	511,530.22	690,521.33	1,202,051.55	Mar. 10, 14	Mar. 13, 14	Mar. 28, 14

Table 12.1-ZWN-Payment Summary

Accrued expenditures for Task Order 13-00005-Az Zawieh Project (ZWN) =
 $\$1,961,331.41 - \$1,202,051.55 = \$759,279.86$.

13. Variation Orders and Variation Order Requests

One VOR was submitted during the reporting period while VOs No. 005 & 006 were issued. For further information, please see Attachment ZWN-19.8 VOs/VORs Log.

14. Operation, Maintenance and Training

Training: The following reflects the training that had been conducted and organized in the classroom and field for ZWN project.

- Prepayment Training had been conducted for three days by the supplier representative for the municipality technical and administrator staff. The training covered three major topics; software user manual; HHU user manual and meter catalogue. Prepayment water meter training had been conducted by Technical Company for Electrical Engineering representatives, Mr. Muawiyah Hidmi and Mr. Mohammed Qasem for the following municipal staff:
 - Yousef Abdallah Ahmed Musleh, IT officer
 - Mousa Mohammed Abu Zer, Accountant
 - Yasser Musa Qasim abu qoho, water technician
- Bermad Control valve training had been conducted in one day by Bermad representative for the municipality technician. The training covered the control valves manual and calibration/ setting process. Bermad Control Valve Training had been conducted by Bermad representative, Mr. Afif Hawwash for Yasser Musa Qasim; water technician (municipality staff).

The objective of both classroom and hands-on field training was to provide the knowledge needed by the Owner technicians, engineers and maintenance team to safely operate, maintain and repair all installed control valves, air valves, prepaid water meters and vending stations.

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The required training provided all needed information to make sure that the trained staff is able to deal with the installed system. All supporting documents such as operation and maintenance manual, data sheets and others was provided to the trainees during the classroom training.

Disinfection: Disinfection process had been successfully conducted for all installed pipelines, service house connections, valves and fittings after the successful completion of the hydraulic pressure test and pre-flushing activity. The disinfection process was performed by Mr. Mohamad Hadidoun, representative of Center for Chemical and Biological Analysis – Al Quds University/ Jerusalem. Mr. Hadidoun is authorized by Al Quds center to conduct the disinfection process of the water network system; he was approved also by the CMC to conduct this activity.

As an integral part of the disinfection process, pipelines and house connections flushing was performed to the disinfected water system by Mr. Hadidoun as well. Municipal water source was used during the implementation of the whole process of the disinfection and flushing activity.

Zawieh Water Network Disinfection and Flushing

The disinfection and flushing process had been implemented as per the approved submittal, Pressure field test and disinfection plan, submitted on Oct. 30, 2013. The implemented process is described as follows:

Reference Standard: disinfection and flushing Works had been performed in compliance with ANSI/AWWA C651 standards.

Dosage: Disinfection was performed through dozing the chlorine- water solution 12 %. (This is the maximum available concentration in the local Market).

Chlorination Process: A chlorine-water mixture was uniformly introduced into the pipelines by means of a solution-feed chlorinating pump. The chlorine solution was introduced at one end of the pipeline through a tap in such a manner that as the pipeline is filled with water, the dosage applied to the water entering the pipelines was approximately 50 mg/l. Along the water pipelines; ports was installed both for chlorine dozing and for testing and inspection as well.

Retention Period: The injected chlorinated water was left in the pipelines for at least 24 hours. After that, the free chlorine residual at the different locations of the pipelines extremities and at other representative points was measured using the calorimeter device. Multi chlorine residual samples were taken at the presence of the CMC engineers during the first day of the chlorine injection. After 24 hours of injection and after flushing, all results were within the relevant water quality standards.

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Final Flushing: After the applicable retention period passed, the chlorinated water was flushed from the whole water network until chlorine measurements showed that the concentration in the water leaving the pipeline was not higher than that generally prevailing in the system or was acceptable for domestic use, and not exceeding 0.7 mg/l.

Bacteriological Testing: After final and successful flushing and before the water pipelines and service house connections were connected and placed in service, twelve water samples for bacteriological testing purposes were collected by Mr. Hadidoun from different locations in the water network. The collected samples were tested at “Chemical and Biological Analysis Center” in Al Quds University for bacteriological quality testing in accordance with the PWA requirements.

Water Quality Sampling and Results

Report for free chlorine results and bacteriological results was prepared by Chemical and Biological Analysis Center, Al Quds University for the water samples taken by the lab representative. The report showed that the water quality of the disinfected water network of Zawieh is within the referenced standards of the PWA and AWWA.

Disinfection Process Photos

The following Photos show part of the disinfection works implemented by Mr. Hdidoun at Zawieh water network project during the disinfection period.



Connecting the chlorine dosage pump to the water source



Measuring residual chlorine



Water sampling and chlorine residual measurement



Free chlorine reading by Colorimeter device

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Pre commissioning, commissioning and testing: the following had been conducted:

- Pre commissioning works started on March 13, 2014 for seven successive days.
- The commissioning and testing started after finishing the pre commissioning period.
- In the testing and commissioning works the following has been performed:
 - ✓ Make sure that the water was flowing through all pipelines, and house connections.
 - ✓ Make sure that the installed PPWM were functioning well and as programmed.
 - ✓ Make sure that the hydrostatic pressure arrived all high points at the water distribution system.
 - ✓ Make sure that the installed control valves, PRV, FCV, & Pressure relieve valve, inside main connection chamber were set correctly and work as per the design.
 - ✓ Make sure that the upstream and downstream pressure settings of the PRV are as per deigned (14 bars upstream and 7 bars downstream.)
 - ✓ Make sure that all installed valves and air release valves work properly and maintain the network as required for maintenance.
 - ✓ Make sure that the connections between the old pipelines and the new installed system are functioning and that the water from the new system reaches the old pipelines.
- After 14 days of pre commissioning, testing and commissioning the installed system was successfully operating with no hydraulic or leakage issues.

15. Summary of Working/Non-Working Days

The following table provided a summary of the Working/ Non-Working Days for the project.

1.	Total Period of Performance (Original)	300 Calendar Days
2.	Total Excusable delays/approved extensions	43 Calendar Days
3.	Modified Period of Performance	343 Calendar Days
4.	Modified Completion Date	March 31, 2014
5.	No. of Working Days during this month	27 Calendar Days
6.	Accumulated Working Days	257 Calendar Days
7.	Total No. of non-working days(Holidays and weekends) during this month	4 Calendar Days
8.	Accumulated non-working days (Holidays and weekends)	69 Calendar Days
9.	No. of other non-working days during this month	0 Calendar Day
10.	Accumulated other non-working days	17 Calendar Days

Table 15.1-ZWN-Summary of Working/ Non-Working Days

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16. Project Indicators

16.1. Indicator #1:

Generic Performance Indicators:			
	Total number of Beneficiaries	5,729	
ZZZ1A	Number of Male Beneficiaries	2,883	
ZZZ1B	Number of Female Beneficiaries	2,846	
ZZZ1C	Permanent Jobs Created (positions)	N/A	
ZZZ1F	Male Beneficiaries to Age 17	1,362	47.24%
ZZZ1G	Female Beneficiaries to Age 17	1,345	47.24%
ZZZ1H	Male Beneficiaries 18 to 25	455	15.78%
ZZZ1I	Female Beneficiaries 18 to 25	449	15.78%
ZZZ1J	Male Beneficiaries 26 and older	1,069	36.98%
ZZZ1K	Female Beneficiaries 26 and older	1,053	36.98%
Activity Specific Performance Indicators:			
W049A	Length of water transmission lines (in meters) constructed	N/A	
W049B	capacity (cubic meter/day) of water wells and pump stations	N/A	
W049C	No. of water tanks/reservoirs cons/rehab.	N/A	
W049D	No. of water pump stations cons/rehab.	N/A	
W049E	No. of wells (agricultural production) rehabilitated	N/A	
W049F	No. of wells drilled/constructed	N/A	
W049G	Value of commodities/equipment delivered	N/A	
W049H	Capacity/Volume(M3) of constructed water reservoir	N/A	
w049I	No. of wells/pump stations provided with power	N/A	
W049J	Length (meters) of medium voltage lines installed	N/A	
W049K	No. of generators/transformers installed	N/A	
W049L	No. of people benefited from water projects	5,729	
W049M	Length of local water network (in meters) constructed or rehabilitated.	14,000	

Table 16.1-ZWN-Target Value for Project 2

16.2. Indicator #2: Person days of Employment Generated

The following is the employment generated in Person days for Project 2 for the period between March 01 and March 31, 2014:

- Estimated Target Value, 6,820 person days;
- Employment generated previously; 5282 person days;
- Employment generated for the period; 909 person days;
- Total cumulative employment generated to-date; 6190 person days.

17. General Comments, Arisen Issues and Problems Encountered

The following table summarizes the problems and issues were encountered for this project during the current reporting period:

Issue	Description	Responsible Party	Remedial Measures/Comments
N/A			

Table 17.1-ZWN-Problems and Issues Summary Table

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18. Construction Photos

 <p>01/03/2014 11:12</p>	 <p>03/03/2014 16:11</p>	 <p>06/03/2014 13:35</p>
<p>Photo No.1- Paving asphalt layer. -Az Zawieh Network Photo Date: 01 March, 2014</p>	<p>Photo No.2- Installation of water meter enclosure and fittings. - Az Zawieh Network Photo Date: 03 March, 2014</p>	<p>Photo No.3- Installation of fittings inside the main connection chamber. -Az Zawieh Network Photo Date: 06 March, 2014</p>
 <p>08/03/2014 15:50</p>	 <p>10/03/2014 11:42</p>	 <p>11/03/2014 17:39</p>
<p>Photo No.4- Disinfection works. -Az Zawieh Network Photo Date: 08 March, 2014</p>	<p>Photo No.5- Troweling the surface of the concrete for sidewalk protection. -Az Zawieh Network Photo Date: 10 March, 2014</p>	<p>Photo No.6- Installed permanent project sign. -Az Zawieh Network Photo Date: 11 March, 2014</p>
 <p>25/03/2014 10:19</p>	 <p>27/03/2014 13:13</p>	 <p>30/03/2014 08:36</p>
<p>Photo No.7- Initial walkthrough. - Az Zawieh Network Photo Date: 25 March, 2014</p>	<p>Photo No.8- Modification of the manholes covers level. - Az Zawieh Network Photo Date: 27 March, 2014</p>	<p>Photo No.9- Supports fixation. -Az Zawieh Network Photo Date: 30 March, 2014</p>

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CONSTRUCTION MONTHLY PROGRESS REPORT

REPORTING PERIOD:

March 01 - March 31, 2014

ATTACHMENTS

PROJECT I-SOUTHWEST NABLUS VILLAGES WATER SUPPLY (SWT)

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1. Attachments

- SWT 19.1 Updated Schedule- Roll-up and One Month Look Ahead
- SWT 19.2 "S" Curve
- SWT 19.3 Site Memos Log
- SWT 19.4 Material or Equipment Delivered to Site
- SWT 19.5 Inspection Requests Log
- SWT 19.6 Submittals Log
- SWT 19.7 Requests for Information Log
- SWT 19.8 Variation Order Request and Variation Order Log
- SWT 19.9 Employment Generated Data
- SWT 19.10 QC Testing Log

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SWT 19.1 Updated Schedule- Roll-up and One Month Look Ahead and One Month Look Ahead

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AID-294-TO-13-00005 SOUTHWEST NABLUS VILLAGES WATER



01-Apr-14

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Actual Start	Actual Finish	Total Float	Qtr 2, 2013		Qtr 3, 2013			Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014						
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
Total		396	01-Apr-14	16-Aug-14	23-Apr-13		0																								
AID-294-TO-13-00005 SOUTHWEST NABLUS VILLAGES WATER SUPPLY&ALZAWAY		396	01-Apr-14	16-Aug-14	23-Apr-13		0																								
Milestones		396	01-Apr-14	16-Aug-14	23-Apr-13		0																								
General Milestones		396	01-Apr-14	16-Aug-14	23-Apr-13		0																								
Intermediate Milestones		332	05-Apr-14	01-Jul-14	15-Jun-13		5																								
Coordination With Local&Israeli Authorities Prior to Execution Phase		36			23-Apr-13	03-Jun-13																									
Submittals		371	01-Apr-14	16-Jul-14	28-Apr-13		0																								
Pre Construction Submittals		138			28-Apr-13	11-Sep-13																									
Construction Submittals		306	01-Apr-14	12-May-14	15-May-13		41																								
Material Submittals		288	01-Apr-14	03-May-14	15-May-13		8																								
Civil		284			28-May-13	09-Mar-14																									
Electrical & Instrumentation		261	01-Apr-14	03-May-14	24-Jun-13		8																								
Mechanical		286			15-May-13	13-Mar-14																									
Shop Drawings		306	01-Apr-14	12-May-14	16-May-13		41																								
Mechanical		222			16-May-13	04-Nov-13																									
Civil		306	01-Apr-14	12-May-14	16-May-13		41																								
Electrical		282	01-Apr-14	08-May-14	29-May-13		35																								
Methods Statement		288			18-May-13	16-Feb-14																									
Civil		288			18-May-13	16-Feb-14																									
Post Construction Submittals		5	12-Jul-14	16-Jul-14			0																								
Project 1: Southwest Nablus Villages Water Supply		377	01-Apr-14	15-Aug-14	16-May-13		0																								
Mobilization		6			18-May-13	17-Jun-13																									
Procurement		308	01-Apr-14	26-May-14	16-May-13		69																								
Reservoirs Execution Phase		299	01-Apr-14	29-Jun-14	19-Jun-13		41																								
Madama Reservoir 500 m3		292	01-Apr-14	28-Jun-14	24-Jun-13		41																								
VO#1		3			24-Jul-13	25-Jul-13																									
Retaining Walls 7 Expansion Joints Total Length = 76.6 L.M.		220	01-Apr-14	06-Apr-14	08-Jul-13		113																								
Retaining Walls (ST1,ST2) Expansion Joint 1 Length = 25.66 L.M.		119	01-Apr-14	02-Apr-14	08-Jul-13		116																								
Civil & Structural Works		119	01-Apr-14	02-Apr-14	08-Jul-13		116																								
Retaining Walls (ST2,ST3) Expansion Joint 2 Length = 20.36 L.M.		123	01-Apr-14	02-Apr-14	10-Jul-13		8																								
Civil & Structural Works		123	01-Apr-14	02-Apr-14	10-Jul-13		8																								
Retaining Walls (ST3,ST4) Expansion Joint 3 Length = 24.01 L.M.		118	02-Apr-14	05-Apr-14	15-Nov-13		8																								
Civil & Structural Works		118	02-Apr-14	05-Apr-14	15-Nov-13		8																								
Retaining Walls (ST4,ST1) Expansion Joint 4 Length = 20.60 L.M.		214	05-Apr-14	06-Apr-14	08-Jul-13		8																								
Civil & Structural Works		214	05-Apr-14	06-Apr-14	08-Jul-13		8																								
Civil & Structural Works		174			24-Jun-13	21-Jan-14																									
Finishing Works		71	30-Apr-14	28-May-14	16-Jan-14		29																								
Metal Fabricated Works		9	19-May-14	28-May-14			29																								
External Works		258	01-Apr-14	22-Jun-14	12-Feb-14		8																								
Chambers Works		64	01-Apr-14	01-Apr-14	12-Feb-14		78																								
Mechanical Works		18	01-Apr-14	21-Apr-14	19-Mar-14		10																								
Electrical & Instrumentation Works		258	27-May-14	22-Jun-14	23-Feb-14		8																								
Yard Works		66	22-Apr-14	19-Jun-14	19-Mar-14		10																								
Test Water Tightness For Reservoir		76	01-Apr-14	28-Jun-14			8																								
Asira Al Qibliya Reservoir 500 m3		299	01-Apr-14	29-Jun-14	19-Jun-13		8																								
VO.#1		221	01-Apr-14	29-Jun-14	31-Jul-13		8																								
VO.#2		20			19-Aug-13	10-Sep-13																									
Civil & Structural Works		221			19-Jun-13	29-Jan-14																									
Finishing Works		54	01-Apr-14	01-Jun-14	10-Feb-14		26																								
Metal Fabricated Works		9	22-May-14	01-Jun-14			26																								
External Works		204	01-Apr-14	11-Jun-14	11-Sep-13		17																								
Chambers Works		74	01-Apr-14	20-May-14	17-Mar-14		36																								
Mechanical Works		18	14-Apr-14	05-May-14			8																								

- (New Bar)
- Actual Work
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Roll Up Schedule

Date	Revision	Checked	Approved
01-Apr-14	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.Iv...	Naim Mani-Prog Direc...

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Actual Start	Actual Finish	Total Float	Qtr 2, 2013		Qtr 3, 2013		Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014			
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	Electrical & Instrumentation Works	204	01-Apr-14	11-Jun-14	11-Sep-13		17																				
	Yard Works	72	01-Apr-14	23-Jun-14			8																				
	Test Water Tightness For Reservoir	74	05-Apr-14	29-Jun-14			8																				
	Urif Reservoir 500 m3	297	01-Apr-14	26-Jun-14	03-Jul-13		9																				
	VO.#1	73			19-Aug-13	16-Nov-13																					
	VO.#2	20			19-Aug-13	10-Sep-13																					
	Civil & Structural Works	215			03-Jul-13	25-Jan-14																					
	Finishing Works	86	01-Apr-14	03-Jun-14	08-Feb-14		24																				
	Metal Fabricated Works	9	25-May-14	03-Jun-14			24																				
	External Works	195	01-Apr-14	14-Jun-14	14-Oct-13		15																				
	Chambers Works	65	01-Apr-14	06-Apr-14	16-Feb-14		75																				
	Mechanical Works	18	09-Apr-14	29-Apr-14			9																				
	Electrical & Instrumentation Works	195	01-Apr-14	14-Jun-14	14-Oct-13		15																				
	Yard Works	72	01-Apr-14	21-Jun-14	01-Mar-14		9																				
	Test Water Tightness For Reservoir	70	07-Apr-14	26-Jun-14			9																				
	Transmission Pipeline & Reservoirs Feeders	304	01-Apr-14	01-Jul-14	19-Jul-13		10																				
	Execution of Road Way	112	01-Apr-14	23-Jun-14	08-Feb-14		17																				
	PHASE I New Road Between Burin-Madama RSV	93	01-Apr-14	01-Jun-14	08-Feb-14		24																				
	VO#3 Madama Village Tunnel Reinforced Concrete Slab	11			08-Feb-14	20-Feb-14																					
	Road Way New Road (St.0+000 to St.0+600)	43	01-Apr-14	20-May-14			24																				
	Apply Traffic Control Plan / Safety Measurements / Coordination With Israeli&Local Authorities	3	01-Apr-14	03-Apr-14			0																				
	Excavation and Earth Works	4	05-Apr-14	08-Apr-14			0																				
	Box Culvert Works @ St.0+130	8	08-Apr-14	16-Apr-14			24																				
	Sub-Base and Base Course Works	18	17-Apr-14	07-May-14			24																				
	Asphalt Works	6	08-May-14	14-May-14			24																				
	Concrete Ditches	5	15-May-14	20-May-14			24																				
	Road Way New Road (St.0+600 to St.1+200)	45	05-Apr-14	26-May-14			24																				
	Excavation and Earth Works	3	05-Apr-14	07-Apr-14			0																				
	Sub-Base and Base Course Works	6	05-Apr-14	10-Apr-14			0																				
	Asphalt Works	6	12-Apr-14	17-Apr-14			15																				
	Concrete Ditches	5	21-May-14	26-May-14			24																				
	Road Way New Road (St.1+200 to St.1+840)	47	08-Apr-14	01-Jun-14			24																				
	Excavation and Earth Works	3	08-Apr-14	10-Apr-14			3																				
	Sub-Base and Base Course Works	13	12-Apr-14	26-Apr-14			0																				
	Stones Wall Works	12	20-Apr-14	03-May-14			2																				
	Asphalt Works	6	04-May-14	10-May-14			2																				
	Concrete Dithches	5	27-May-14	01-Jun-14			24																				
	PHASE II Access Roads	92	08-Apr-14	09-Jun-14	17-Feb-14		17																				
	Access Road for Asira Al Qibliya Reservoir	43	08-Apr-14	27-May-14			0																				
	Excavation and Earth Works	3	08-Apr-14	10-Apr-14			16																				
	Sub-Base and Base Course Works	6	27-Apr-14	03-May-14			0																				
	Stones Wall Works	16	24-Apr-14	12-May-14			0																				
	Asphalt Works	6	13-May-14	19-May-14			0																				
	Concrete Dithches	7	20-May-14	27-May-14			0																				
	Access Road for Madama Reservoir	92	12-Apr-14	09-Jun-14	17-Feb-14		17																				
	New Retaining Wall 110 l.m	41			17-Feb-14	27-Mar-14																					
	Excavation and Earth Works	6	12-Apr-14	17-Apr-14			18																				
	Sub-Base and Base Course Works	12	30-Apr-14	13-May-14			8																				
	Stones Wall Works	8	10-May-14	18-May-14			8																				
	Asphalt Works	6	28-May-14	03-Jun-14			17																				
	Concrete Dithches	5	04-Jun-14	09-Jun-14			17																				
	PHASE VII Roads Furnishing&Accessories	12	10-Jun-14	23-Jun-14			17																				
	New Road & Access Roads	12	10-Jun-14	23-Jun-14			17																				
	Traffic Control Plan / Safety Measurements / Coordination With Israeli Authorities	12	10-Jun-14	23-Jun-14			17																				
	Road Accessories	7	10-Jun-14	17-Jun-14			17																				
	Execution of Transmission Pipeline	304	01-Apr-14	01-Jul-14	19-Jul-13		5																				
	Preparing Detours & Apply Traffic Control Plan	5			19-Jul-13	21-Jul-13																					
	SEG.NO.1Trans. Main (St. 0+000 to St. 0+890) 10"	97	01-Apr-14	15-Jun-14	08-Jan-14		0																				
	Pipe Line Installation	10			08-Jan-14	01-Feb-14																					

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Roll Up Schedule

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01-Apr-14	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.Iv...	Naim Mani-Prog Direc...

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Actual Start	Actual Finish	Total Float	Qtr 2, 2013		Qtr 3, 2013		Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014		
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
	Chamber Works	67	01-Apr-14	07-Jun-14	13-Feb-14		4																			
	Structural & Civil Works	19	01-Apr-14	12-Apr-14	13-Feb-14		43																			
	Mechanical & Finishing Works	5	02-Jun-14	07-Jun-14			4																			
	Testing,Commissioning & Final Road Reinstatement Works	7	08-Jun-14	15-Jun-14			0																			
	SEG.NO.2 Trans. Main (St. 0+880 to St. 2+000) 8"	162	01-Apr-14	23-Jun-14	27-Sep-13		0																			
	Pipe Line Installation	14			27-Sep-13	08-Jan-14																				
	Chamber Works	69	01-Apr-14	09-Jun-14	21-Dec-13		3																			
	Structural & Civil Works	19	01-Apr-14	12-Apr-14	21-Dec-13		51																			
	Mechanical & Finishing Works	2	08-Jun-14	09-Jun-14			3																			
	Testing & Road Reinstatement Works	12	10-Jun-14	23-Jun-14			0																			
	SEG.NO.3 Trans. Main (St. 2+000 to St. 3+000) 8"	125	01-Apr-14	14-Jun-14	24-Nov-13		10																			
	Pipe Line Installation	14			24-Nov-13	29-Dec-13																				
	Chamber Works	65	01-Apr-14	14-Jun-14	21-Dec-13		5																			
	Structural & Civil Works	11	01-Apr-14	12-Apr-14	21-Dec-13		55																			
	Mechanical & Finishing Works	4	10-Jun-14	14-Jun-14			5																			
	Testing & Road Reinstatement Works	23	01-Apr-14	06-Apr-14	26-Mar-14		69																			
	Madama Connection Pipeline (St.0+000 to St.0+890) 4"	249	15-Jun-14	22-Jun-14	12-Sep-13		5																			
	Pipe Line Installation	2			12-Sep-13	09-Feb-14																				
	Chamber Works	78	15-Jun-14	19-Jun-14	17-Feb-14		5																			
	Structural & Civil Works	10			17-Feb-14	22-Feb-14																				
	Mechanical & Finishing Works	5	15-Jun-14	19-Jun-14			5																			
	Testing & Road Reinstatement Works	2	21-Jun-14	22-Jun-14			5																			
	SEG.NO.4 Trans. Main (St. 3+000 to St. 4+260) 8"	171	01-Apr-14	24-Jun-14	04-Nov-13		5																			
	Pipe Line Installation	14			04-Nov-13	24-Nov-13																				
	Chamber Works	69	01-Apr-14	19-Jun-14			7																			
	Structural & Civil Works	10	01-Apr-14	12-Apr-14			66																			
	Mechanical & Finishing Works	5	15-Jun-14	19-Jun-14			6																			
	Testing & Road Reinstatement Works	50	23-Jun-14	24-Jun-14	10-Dec-13		5																			
	Asira Connection Pipeline (St.0+000 to St.1+135) 4"	152	01-Apr-14	26-Jun-14	08-Oct-13		5																			
	Pipe Line Installation	14			08-Oct-13	04-Mar-14																				
	Chamber Works	78	01-Apr-14	19-Jun-14	18-Jan-14		9																			
	Structural & Civil Works	19	01-Apr-14	12-Apr-14	18-Jan-14		60																			
	Mechanical & Finishing Works	5	15-Jun-14	19-Jun-14			9																			
	Testing & Road Reinstatement Works	2	25-Jun-14	26-Jun-14			5																			
	SEG.NO.5 Trans. Main (St. 4+260 to St. 5+000) 6"	219	01-Apr-14	29-Jun-14	11-Nov-13		5																			
	Pipe Line Installation	15			11-Nov-13	05-Mar-14																				
	Chamber Works	69	01-Apr-14	19-Jun-14	21-Dec-13		8																			
	Structural & Civil Works	12	01-Apr-14	12-Apr-14	21-Dec-13		60																			
	Mechanical & Finishing Works	5	15-Jun-14	19-Jun-14			8																			
	Testing & Road Reinstatement Works	57	28-Jun-14	29-Jun-14	04-Feb-14		5																			
	SEG.NO.6 Trans. Main (St. 5+000 to St. 6+000) 6"	242	01-Apr-14	01-Jul-14	14-Aug-13		5																			
	Pipe Line Installation	10			14-Aug-13	29-Aug-13																				
	Chamber Works	74	01-Apr-14	25-Jun-14			8																			
	Structural & Civil Works	10	01-Apr-14	12-Apr-14			67																			
	Mechanical & Finishing Works	10	15-Jun-14	25-Jun-14			8																			
	Testing,Commissioning & Final Road Reinstatement Works	93	30-Jun-14	01-Jul-14	17-Nov-13		5																			
	SEG.NO.7 Trans. Main (St. 6+000 to St. 7+000) 6"	214	01-Apr-14	21-Jun-14	24-Jul-13		6																			
	Pipe Line Installation	26			24-Jul-13	22-Aug-13																				
	Chamber Works	69	01-Apr-14	19-Jun-14			6																			
	Structural & Civil Works	10	01-Apr-14	12-Apr-14			60																			
	Mechanical & Finishing Works	5	15-Jun-14	19-Jun-14			6																			
	Testing & Road Reinstatement Works	138	21-Jun-14	21-Jun-14	17-Nov-13		6																			
	SEG.NO.8 Trans. Main (St. 7+000 to St. 7+690) 6"	243	01-Apr-14	29-Jun-14	24-Jul-13		5																			
	Pipe Line Installation	12			24-Jul-13	13-Aug-13																				
	Chamber Works	15	01-Apr-14	17-Apr-14			57																			
	Structural & Civil Works	10	01-Apr-14	12-Apr-14			57																			
	Mechanical & Finishing Works	5	13-Apr-14	17-Apr-14			57																			
	Testing & Road Reinstatement Works	32	01-Apr-14	29-Jun-14	30-Nov-13		5																			
	Networks Execution Phase	301	01-Apr-14	29-Jun-14	07-Jul-13		7																			

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Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Actual Start	Actual Finish	Total Float	Qtr 2, 2013		Qtr 3, 2013			Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014		
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Zone #4																											
	2 Inches Pipelines Network	21	01-Apr-14	01-Apr-14	22-Aug-13		54																				
	WN Pipelines Installation Total Length = 255.95 L.M.,S.D.=2091.183 L.M.	3	01-Apr-14	01-Apr-14	22-Aug-13		54																				
	4,6 Inches Pipelines Network	14			08-Oct-13	04-Nov-13																					
	WN Pipelines Installation Total Length = 1368.90 L.M.,S.D.4"= 177.302,6"=1075.088	14			08-Oct-13	04-Nov-13																					
Zone #5																											
	2 Inches Pipelines Network	15	01-Apr-14	01-Apr-14	02-Sep-13		53																				
	WN Pipelines Installation Total Length = 1469.62 L.M.,S.D.=1298.561 L.M.	15	01-Apr-14	01-Apr-14	10-Sep-13		53																				
	3 Inches Pipelines Network	4	01-Apr-14	01-Apr-14	02-Sep-13		54																				
	WN Pipelines Installation Total Length = 385.95 L.M.,S.D.=237.04 L.M.	4	01-Apr-14	01-Apr-14	02-Sep-13		54																				
	House Connection Installation Works	16	01-Apr-14	09-Apr-14	10-Oct-13		46																				
	House Connection Branches Installation	16	01-Apr-14	09-Apr-14	10-Oct-13		46																				
	Chambers Works	74	01-Apr-14	08-Apr-14	10-Nov-13		15																				
	Civil Works	34	01-Apr-14	02-Apr-14	10-Nov-13		13																				
	Mechanical Works	34	01-Apr-14	08-Apr-14	10-Dec-13		15																				
	Cleaning,Flushing,Disinfection,Pressure Test,Customer Water Meter Installation&2nd Layer of Asphalt	69	01-Apr-14	29-Jun-14	20-Feb-14		7																				
	Cleaning,Flushing	19	10-Apr-14	01-May-14			7																				
	Trench Reinstatement & 1st Layer of Asphalt	30	03-May-14	05-Jun-14			7																				
	Customer Water Meter Installations	8	01-Apr-14	09-Apr-14	20-Feb-14		48																				
	Disinfection	8	10-Apr-14	19-Apr-14			48																				
	2nd Layer of Asphalt - Final Stage	20	07-Jun-14	29-Jun-14			7																				
Urif Network																											
	Apply Traffic Control Plan / Safety Measurements / Coordination With Israeli&Local Authorities	2			06-Oct-13	08-Oct-13																					
Zone #1																											
	2 Inches Pipelines Network	78	01-Apr-14	09-Apr-14	21-Jul-13		57																				
	WN Pipelines Installation Total Length = 1230.24 L.M.,S.D.=2102.161 L.M.	33	01-Apr-14	02-Apr-14	08-Oct-13		63																				
	3 Inches Pipelines Network	33	01-Apr-14	02-Apr-14	08-Oct-13		63																				
	WN Pipelines Installation Total Length = 943.38 L.M.S.D.3"=1094.4	10	01-Apr-14	09-Apr-14	21-Jul-13		57																				
	WN Pipelines Installation Total Length = 943.38 L.M.S.D.3"=1094.4	10	01-Apr-14	09-Apr-14	21-Jul-13		57																				
Zone #2																											
	2 Inches Pipelines Network	50	01-Apr-14	14-Apr-14	19-Oct-13		52																				
	WN Pipelines Installation Total Length = 3350.32 L.M.,S.D.=3236.589 L.M.	34	01-Apr-14	05-Apr-14	24-Oct-13		61																				
	WN Pipelines Installation Total Length = 3350.32 L.M.,S.D.=3236.589 L.M.	34	01-Apr-14	05-Apr-14	24-Oct-13		61																				
	3,4,6 Inches Pipelines Network	13	01-Apr-14	14-Apr-14	19-Oct-13		52																				
	WN Pipelines Installation Total Length = 1330.98 L.M.,S.D.6"=165.19, 3"=1797.285 4"=625.47 L.M.	13	01-Apr-14	14-Apr-14	19-Oct-13		52																				
Zone #3																											
	2 Inches Pipelines Network	46	01-Apr-14	03-Apr-14	27-Oct-13		61																				
	WN Pipelines Installation Total Length = 2976.46 L.M., S.D.= 1911.309	30	01-Apr-14	03-Apr-14	12-Nov-13		61																				
	WN Pipelines Installation Total Length = 2976.46 L.M., S.D.= 1911.309	30	01-Apr-14	03-Apr-14	12-Nov-13		61																				
	3 Inches Pipelines Network	24	01-Apr-14	01-Apr-14	27-Oct-13		63																				
	WN Pipelines Installation Total Length = 1175.14 L.M.	24	01-Apr-14	01-Apr-14	27-Oct-13		63																				
Zone #4																											
	2 Inches Pipelines Network	11	01-Apr-14	02-Apr-14	31-Dec-13		63																				
	WN Pipelines Installation Total Length = 1093.46 L.M.,S.D.=880.317 ,1094 L.M.	11	01-Apr-14	02-Apr-14	31-Dec-13		63																				
	WN Pipelines Installation Total Length = 1093.46 L.M.,S.D.=880.317 ,1094 L.M.	11	01-Apr-14	02-Apr-14	31-Dec-13		63																				
Zone #5																											
	2 Inches Pipelines Network	15	01-Apr-14	12-Apr-14	02-Feb-14		54																				
	WN Pipelines Installation Total Length = 1480.35 L.M.,S.D.=80 L.M.	15	01-Apr-14	02-Apr-14	02-Feb-14		63																				
	WN Pipelines Installation Total Length = 1480.35 L.M.,S.D.=80 L.M.	15	01-Apr-14	02-Apr-14	02-Feb-14		63																				
	3 Inches Pipelines Network	9	01-Apr-14	12-Apr-14			22																				
	WN Pipelines Installation Total Length = 874.36 L.M.	9	01-Apr-14	12-Apr-14			22																				
Zone #6																											
	2 Inches Pipelines Network	20	01-Apr-14	21-Apr-14	18-Feb-14		46																				
	WN Pipelines Installation Total Length = 1862,95 L.M.,S.D.=1414.036 L.M.	19	01-Apr-14	02-Apr-14	18-Feb-14		62																				
	WN Pipelines Installation Total Length = 1862,95 L.M.,S.D.=1414.036 L.M.	19	01-Apr-14	02-Apr-14	18-Feb-14		62																				
	3 Inches Pipelines Network	17	01-Apr-14	21-Apr-14			22																				
	WN Pipelines Installation Total Length = 741.84 L.M.,S.D.3"=2891.69 L.M.	17	01-Apr-14	21-Apr-14			22																				
Zone #7																											
	2 Inches Pipelines Network	23	01-Apr-14	28-Apr-14	24-Nov-13		40																				
	WN Pipelines Installation Total Length = 557.85 L.M.,S.D.=1613.181 L.M.	6	01-Apr-14	01-Apr-14	24-Nov-13		63																				
	WN Pipelines Installation Total Length = 557.85 L.M.,S.D.=1613.181 L.M.	6	01-Apr-14	01-Apr-14	24-Nov-13		63																				
	3 Inches Pipelines Network	23	01-Apr-14	28-Apr-14			22																				
	WN Pipelines Installation Total Length = 528.94 L.M.	23	01-Apr-14	28-Apr-14			22																				
Zone #8																											
	2 Inches Pipelines Network	24	01-Apr-14	02-Apr-14	02-Mar-14		62																				
	WN Pipelines Installation Total Length = 1997.91 L.M.	24	01-Apr-14	02-Apr-14	02-Mar-14		62																				
	WN Pipelines Installation Total Length = 1997.91 L.M.	24	01-Apr-14	02-Apr-14	02-Mar-14		62																				

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								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	House Connection Installation Works	13	01-Apr-14	12-Apr-14	22-Jan-14		55																				
	House Connection Branches Installation Z1	13	01-Apr-14	12-Apr-14	22-Jan-14		55																				
	Chambers Works	59	01-Apr-14	06-May-14	21-Jan-14		33																				
	Civil Works	34	01-Apr-14	28-Apr-14	21-Jan-14		40																				
	Mechanical Works	34	01-Apr-14	06-May-14	05-Feb-14		33																				
	Cleaning,Flushing,Disinfection,Pressure Test Customer Water Meter Installation&2nd Layer of Asphalt	38	01-Apr-14	11-Jun-14	20-Feb-14		22																				
	Cleaning,Flushing	10	28-Apr-14	10-May-14			22																				
	Trench Reinstatement & 1st Layer of Asphalt	10	28-Apr-14	10-May-14			22																				
	Customer Water Meter Installations	8	01-Apr-14	03-Apr-14	20-Feb-14		54																				
	Disinfection	8	10-May-14	19-May-14			22																				
	2nd Layer of Asphalt - Final Stage	20	19-May-14	11-Jun-14			22																				
	(O&M),Inspection,Commissioning,Start Up & Training	259	01-Apr-14	15-Jul-14	01-Sep-13		0																				
	Initial Operation & Manufacturer Technical Manual Submittals (O&M)	217	01-Apr-14	27-May-14	01-Sep-13		28																				
	Certificate of Proper Installation for Installed Equipments&Installation (Pre Commissioning)	7	30-Jun-14	07-Jul-14			0																				
	Training Phase	7	30-Jun-14	07-Jul-14			0																				
	Commissioning & Start Up Phase for All System	7	08-Jul-14	15-Jul-14			0																				
	Demobilization,Close Out&Handing Over	33	08-Jul-14	14-Aug-14			0																				
	30 Calendar Days for Testing&Commissioning Electro Magnetic Flow Meter System	30	17-Jul-14	15-Aug-14			0																				
	Project 2: Alzaweyeh Network	226			18-May-13	31-Mar-14																					
	Alzaweyeh Network	226			18-May-13	31-Mar-14																					
	Mobilization	30			18-May-13	17-Jun-13																					
	Procurement	58			22-May-13	20-Sep-13																					
	Apply Traffic Control Plan / Safety Measurements / Coordination With Israeli&Local Authorities	3			23-Jun-13	26-Jun-13																					
	Pre Excavation / Digging the Ground for All Zones	80			30-Jun-13	30-Nov-13																					
	Zone #1	7			01-Oct-13	20-Dec-13																					
	2 Inches Pipelines Network	7			01-Oct-13	20-Dec-13																					
	WN Pipelines Installation Total Length = 633.08 L.M.AsBuilt DWG= 928.18 L.M.	7			01-Oct-13	08-Dec-13																					
	House Connection Branches Installation	7			29-Oct-13	20-Dec-13																					
	3 Inches Pipelines Network	4			08-Oct-13	07-Nov-13																					
	WN Pipelines Installation Total Length = 303.71 L.M.AsBuilt DWG= 269.09 L.M.	4			08-Oct-13	07-Nov-13																					
	Zone #2	39			02-Sep-13	24-Dec-13																					
	2 Inches Pipelines Network	17			12-Sep-13	22-Dec-13																					
	WN Pipelines Installation Total Length = 959.80 L.M.AsBuilt DWG = 387.08 L.M.	10			12-Sep-13	07-Dec-13																					
	House Connection Branches Installation	17			27-Sep-13	22-Dec-13																					
	3,4,6 Inches Pipelines Network (Double 4"=208.7&6"=153.47)	14			02-Sep-13	24-Dec-13																					
	WN Pipelines Installation Total Length = 1354.72 L.M.Asbuilt 3"=908.56&4"=233.2&6"229.71 L.M.	14			02-Sep-13	24-Dec-13																					
	Zone #3	73			13-Aug-13	26-Dec-13																					
	2 Inches Pipelines Network	73			13-Aug-13	26-Dec-13																					
	WN Pipelines Installation Total Length = 1151.71 L.M.Asbuilt DWG = 947.36 L.M.	12			13-Aug-13	26-Dec-13																					
	House Connection Branches Installation	12			30-Oct-13	26-Dec-13																					
	3,4 Inches Pipelines Network 2 (Double 4"= 465.97)	6			06-Oct-13	24-Dec-13																					
	WN Pipelines Installation Total Length = 543.69 L.M.Asbuilt DWG 3"=120.2,4"=456.92	6			06-Oct-13	24-Dec-13																					
	Zone #4	62			10-Sep-13	22-Dec-13																					
	2 Inches Pipelines Network	34			10-Sep-13	22-Dec-13																					
	WN Pipelines Installation Total Length = 700.33 L.M. Asbuilt = 687.59	8			10-Sep-13	19-Dec-13																					
	House Connection Pipes Installation	8			02-Oct-13	22-Dec-13																					
	3 Inches Pipelines Network	4			11-Sep-13	02-Dec-13																					
	WN Pipelines Installation Total Length = 395.4 L.M.Asbuilt 3" = 411.14	4			11-Sep-13	02-Dec-13																					
	Zone #5	33			08-Sep-13	22-Dec-13																					
	2 Inches Pipelines Network	33			08-Sep-13	10-Dec-13																					
	WN Pipelines Installation Total Length = 470.10 L.M.Asbuilt = 389.89	5			08-Sep-13	02-Dec-13																					
	House Connection Pipes Installation	5			07-Nov-13	10-Dec-13																					
	3 Inches Pipelines Network	6			23-Nov-13	22-Dec-13																					
	WN Pipelines Installation Total Length = 532.42 L.M.Asbuilt 3"= 114.12	6			23-Nov-13	22-Dec-13																					
	Zone #6	64			31-Jul-13	26-Dec-13																					
	2 Inches Pipelines Network	64			31-Jul-13	26-Dec-13																					
	WN Pipelines Installation Total Length = 982.18 L.M.Asbuilt = 714.89	10			31-Jul-13	25-Dec-13																					
	House Connection Pipes Installation	10			28-Oct-13	26-Dec-13																					
	3 Inches Pipelines Network	3			23-Sep-13	02-Dec-13																					

- (New Bar)
- Actual Work
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- Critical Remaining Work
- Milestone

Roll Up Schedule

Date	Revision	Checked	Approved
01-Apr-14	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.Iv...	Naim Mani-Prog Direc...

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Actual Start	Actual Finish	Total Float	Qtr 2, 2013		Qtr 3, 2013			Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014		
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	WN Pipelines Installation Total Length = 291.46 L.M.Asbuilt 3" = 499.43	3			23-Sep-13	02-Dec-13																					
	Zone #7	62			28-Jul-13	24-Dec-13																					
	2 Inches Pipelines Network	62			28-Jul-13	24-Dec-13																					
	WN Pipelines Installation Total Length = 988.09 L.M.Asbuilt = 489.57	10			28-Jul-13	23-Dec-13																					
	House Connection Pipes Installation	10			06-Oct-13	24-Dec-13																					
	3 Inches Pipelines Network	9			23-Sep-13	14-Nov-13																					
	WN Pipelines Installation Total Length = 803.21L.M.Asbuilt 3"= 273.08	9			23-Sep-13	14-Nov-13																					
	Zone #8	50			23-Jul-13	10-Dec-13																					
	2 Inches Pipelines Network	50			23-Jul-13	10-Dec-13																					
	WN Pipelines Installation Total Length = 2236.01 L.M.Asbuilt = 855.53	24			23-Jul-13	21-Nov-13																					
	House Connection Pipes Installation	24			23-Sep-13	20-Dec-13																					
	3 Inches Pipelines Network	5			22-Sep-13	24-Oct-13																					
	WN Pipelines Installation Total Length = 494.7 L.M.Asbuilt 3"= 459.04	5			22-Sep-13	24-Oct-13																					
	Zone #9	57			20-Jul-13	26-Dec-13																					
	2 Inches Pipelines Network	38			20-Jul-13	26-Dec-13																					
	WN Pipelines Installation Total Length = 1881.49 L.M.Asbuilt = 1631.66	19			20-Jul-13	25-Dec-13																					
	House Connection Pipes Installation	19			22-Sep-13	26-Dec-13																					
	3,4 Inches Pipelines Network - Double 4" = 90.64	5			15-Sep-13	21-Sep-13																					
	WN Pipelines Installation Total Length = 371.38 L.M. Asbuilt 3"= 266.87 , 4"= 104.5	5			15-Sep-13	21-Sep-13																					
	Chamber Works	44			03-Nov-13	28-Feb-14																					
	Civil Works	20			03-Nov-13	23-Dec-13																					
	Mechanical Works	20			19-Nov-13	28-Feb-14																					
	Main Connection Chamber	23			06-Jan-14	28-Feb-14																					
	Civil Works	15			06-Jan-14	06-Feb-14																					
	Mechanical Works	15			23-Feb-14	28-Feb-14																					
	Remaining Activities	81			01-Nov-13	31-Mar-14																					
	Al Zawyeh Network Demobilization,Close Out&Handing Over	3			25-Mar-14	31-Mar-14																					

- (New Bar)
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Roll Up Schedule

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01-Apr-14	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.Iv...	Naim Mani-Prog Direc...

AID-294-TO-13-00005 SOUTHWEST NABLUS VILLAGES WATER



01-Apr-14

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Actual Start	Actual Finish	Total Float	Qtr 2, 2013		Qtr 3, 2013			Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014		
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AID-294-TO-13-00005 SOUTHWEST NABLUS VILLAGES WATER SUPPLY & ALZAWEYEH NETWORK PROJECTS																											
Milestones																											
General Milestones																											
MS-00011	End of the Project (Completion Date) ZWN	0		01-Apr-14			0																	◆	End of the Project (Completion Date)		
Intermediate Milestones																											
MS00050	Start of Road Way Execution	0	05-Apr-14				35																	◆	Start of Road Way Execution		
Submittals																											
Construction Submittals																											
Material Submittals																											
Electrical & Instrumentation																											
CS671	Prep.&Submit Electrical light panel (DLP) - Product Data	2	01-Apr-14	02-Apr-14			8																	◆	Prep.&Submit Electrical light panel (DLP)		
CS691	Prep.&Submit Outdoor light poles with light fixtures - Product Data	2	01-Apr-14	02-Apr-14			8																	◆	Prep.&Submit Outdoor light poles with		
CS711	Prep.&Submit Instrumentation (flow meter, pressure regulating valve, level e	2	01-Apr-14	02-Apr-14			8																	◆	Prep.&Submit Instrumentation (flow m		
CS741	Approval of RTU panel with PLC unit, including Wires - Product Data	0		01-Apr-14			36																	◆	Approval of RTU panel with PLC unit,		
Shop Drawings																											
Civil																											
CS830	Prep.&Submit Road Accessories - Shop Drawing	10	01-Apr-14	12-Apr-14			41																	◆	Prep.&Submit Road Accessories - S		
Electrical																											
CS1026	Prep.&Submit Electrical Instrumentation - Shop Drawing	7	01-Apr-14	08-Apr-14			35																	◆	Prep.&Submit Electrical Instrumentat		
Project 1: Southwest Nablus Villages Water Supply																											
Procurement																											
Reservoirs Execution Phase																											
Madama Reservoir 500 m3																											
Retaining Walls 7 Expansion Joints Total Length = 76.6 L.M.																											
Retaining Walls (ST1,ST2) Expansion Joint 1 Length = 25.66 L.M.																											
Civil & Structural Works																											
A12060	Furnish&Install Fence	2	01-Apr-14	02-Apr-14	24-Nov-13		116																	◆	Furnish&Install Fence, Furnish&Instal		
Retaining Walls (ST2,ST3) Expansion Joint 2 Length = 20.36 L.M.																											
Civil & Structural Works																											
A11980	Furnish&Install Fence	2	01-Apr-14	02-Apr-14	26-Nov-13		8																	◆	Furnish&Install Fence, Furnish&Instal		
Retaining Walls (ST3,ST4) Expansion Joint 3 Length = 24.01 L.M.																											
Civil & Structural Works																											
A11400	Furnish&Install Fence	2	02-Apr-14	05-Apr-14			8																	◆	Furnish&Install Fence		
Retaining Walls (ST4,ST1) Expansion Joint 4 Length = 20.60 L.M.																											
Civil & Structural Works																											
A11580	Furnish&Install Fence	1	05-Apr-14	06-Apr-14			8																	◆	Furnish&Install Fence		
External Works																											
Chambers Works																											
2310	Instalation of Roof Cover	1	01-Apr-14	01-Apr-14			78																	◆	Instalation of Roof Cover		
Mechanical Works																											
2370	Installation Of Wash Out In The Yard	6	01-Apr-14	07-Apr-14			10																	◆	Installation Of Wash Out In The Yard		
2380	Installation Of Over Flow In The Yard	6	01-Apr-14	07-Apr-14			10																	◆	Installation Of Over Flow In The Yard		
2390	Supply &Installation of Inlet & Outlet Fittings	6	08-Apr-14	14-Apr-14			10																	◆	Supply &Installation of Inlet & Outlet		
2400	Supply &Installation of W.O & Overflow Fittings	6	15-Apr-14	21-Apr-14			10																	◆	Supply &Installation of W.O & Over		
Yard Works																											
A4540	Bedding Layer	7	22-Apr-14	29-Apr-14			10																	◆	Bedding Layer		
Test Water Tightness For Reservoir																											
2000	Initial Testing (1st Stage) for Water Tightness	20	01-Apr-14	23-Apr-14			20																	◆	Initial Testing (1st Stage) for Water		
Asira Al Qibliya Reservoir 500 m3																											
VO.#1																											

■ (New Bar) ▬ Summary
■ Actual Work
■ Remaining Work
■ Critical Remaining Work
◆ Milestone

One Month Look Ahead Schedule

Date	Revision	Checked	Approved
01-Apr-14	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.Iv...	Naim Mani-Prog Direc...

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Actual Start	Actual Finish	Total Float	Qtr 2, 2013		Qtr 3, 2013		Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014			
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
								EC	EC	EC	EC	EC	EC	EC	EC	EC	EC	EC	EC	EC	EC	EC	EC	EC	EC	EC	EC
VO.1-Asira 001 (1.4)	Supply and install of Solid Metal Motorized Entrance Gate	7	01-Apr-14	02-Apr-14	16-Dec-13		64																				
VO.1-Asira 001 (1.6)	Provide 24 hour/ 7 days per week monitoring and reporting service feed from	214	01-Apr-14	29-Jun-14	31-Aug-13		8																				
Finishing Works																											
A12070	Tie roads remove/repair for external walls	10	01-Apr-14	03-Apr-14	10-Feb-14		17																				
A12080	Tie roads remove/repair for internal walls	10	01-Apr-14	03-Apr-14	10-Feb-14		17																				
External Works																											
Chambers Works																											
A12160	Excavation Work For Manholes & Pipelines In Yard	10	01-Apr-14	02-Apr-14	17-Mar-14		13																				
A12170	Supply & Spread Of The Drain Layer For Manholes	18	03-Apr-14	23-Apr-14			36																				
A12180	Blinding Concret For Manholes	1	24-Apr-14	24-Apr-14			36																				
A12190	Concrete Curing	7	26-Apr-14	03-May-14			36																				
A12200	Formwork & Reinf. For Base Slab	2	26-Apr-14	27-Apr-14			38																				
A12210	Casting Of Base Slabs of Manholes	1	28-Apr-14	28-Apr-14			38																				
A12230	Formwork & Reinf. Walls For Manholes	8	29-Apr-14	07-May-14			38																				
Mechanical Works																											
A12270	Installation Of Inlet, Pipes In The Yard	6	14-Apr-14	21-Apr-14			8																				
A12280	Installation Of Outlet Pipes In The Yard	6	14-Apr-14	21-Apr-14			8																				
A12290	Installation Of Wash Out In The Yard	6	14-Apr-14	21-Apr-14			8																				
A12300	Installation Of Over Flow In The Yard	6	14-Apr-14	21-Apr-14			8																				
A12310	Supply & Installation of Inlet & Outlet Fittings	6	21-Apr-14	28-Apr-14			8																				
A12320	Supply & Installation of W.O & Overflow Fittings	6	28-Apr-14	05-May-14			8																				
Electrical & Instrumentation Works																											
A12350	Electrical Manhole	7	01-Apr-14	08-Apr-14			61																				
Yard Works																											
A12395	Retaining Wall around Perimeter	4	01-Apr-14	05-Apr-14			8																				
A12400	Excavation for Yard Piping	7	06-Apr-14	14-Apr-14			8																				
Test Water Tightness For Reservoir																											
Asira-022	Initial Testing (1st Stage) for Water Tightness	20	05-Apr-14	27-Apr-14			17																				
Urif Reservoir 500 m3																											
Finishing Works																											
A13460	Tie roads remove/repair for external walls	10	01-Apr-14	06-Apr-14	08-Feb-14		15																				
A13470	Tie roads remove/repair for internal walls	10	01-Apr-14	06-Apr-14	08-Feb-14		15																				
External Works																											
Chambers Works																											
A13640	Concrete Curing & Isolation	7	01-Apr-14	05-Apr-14	26-Mar-14		75																				
A13650	Installation of Roof Cover	1	05-Apr-14	06-Apr-14			75																				
Mechanical Works																											
A13660	Installation Of Inlet, Pipes In The Yard	6	09-Apr-14	15-Apr-14			9																				
A13670	Installation Of Outlet Pipes In The Yard	6	09-Apr-14	15-Apr-14			9																				
A13680	Installation Of Wash Out In The Yard	6	09-Apr-14	15-Apr-14			9																				
A13690	Installation Of Over Flow In The Yard	6	09-Apr-14	15-Apr-14			9																				
A13700	Supply & Installation of Inlet & Outlet Fittings	6	16-Apr-14	22-Apr-14			9																				
A13710	Supply & Installation of W.O & Overflow Fittings	6	23-Apr-14	29-Apr-14			9																				
Electrical & Instrumentation Works																											
A13730	Cables & Electricity Supply & Installation (Power Services 380 Volt,3 Phase)	5	01-Apr-14	06-Apr-14			56																				
A13740	Electrical Manhole	7	07-Apr-14	14-Apr-14			56																				
A13750	Electrical Panels & PLC,RTU Instrumentation with Field Wiring & System Prc	3	15-Apr-14	17-Apr-14			56																				
Yard Works																											
A13790	Excavation for Yard Piping	7	01-Apr-14	08-Apr-14			9																				
Test Water Tightness For Reservoir																											
Urif-023	Initial Testing (1st Stage) for Water Tightness	20	07-Apr-14	29-Apr-14			15																				
Transmission Pipeline & Reservoirs Feeders																											
Execution of Road Way																											
PHASE I New Road Between Burin-Madama RSV																											
Road Way New Road (St.0+000 to St.0+600)																											

- (New Bar)
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Summary

One Month Look Ahead Schedule

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Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Actual Start	Actual Finish	Total Float	Qtr 2, 2013		Qtr 3, 2013			Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014		
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Zone #3																											
2 Inches Pipelines Network																											
WN Pipelines Installation Total Length = 1119.99 L.M.,S.D.=1732.052 L.M.																											
A19790	Trench Excavation	12	01-Apr-14	01-Apr-14	23-Jul-13		53																				
A19800	Bedding	12	01-Apr-14	01-Apr-14	23-Jul-13		53																				
A19810	Lay & Install Steel Pipes & Backfilling	12	01-Apr-14	01-Apr-14	23-Jul-13		53																				
3 Inches Pipelines Network																											
WN Pipelines Installation Total Length = 605.42 L.M.,S.D.3"=152 L.M.																											
A19400	Trench Excavation	7	01-Apr-14	01-Apr-14	19-Nov-13		54																				
A19410	Bedding	7	01-Apr-14	01-Apr-14	19-Nov-13		54																				
A19420	Lay & Install Steel Pipes & Backfilling	7	01-Apr-14	01-Apr-14	19-Nov-13		54																				
Zone #4																											
2 Inches Pipelines Network																											
WN Pipelines Installation Total Length = 1151.56 L.M.,S.D.=1121.564 L.M.																											
A19910	Trench Excavation	12	01-Apr-14	01-Apr-14	19-Aug-13		53																				
A19920	Bedding	12	01-Apr-14	01-Apr-14	19-Aug-13		53																				
A19930	Lay & Install Steel Pipes & Backfilling	12	01-Apr-14	01-Apr-14	19-Aug-13		53																				
3,4 Inches Pipelines Network																											
WN Pipelines Installation Total Length = 691.99 L.M.,S.D.3"=253.88 L.M.,4"=205.302 L.M.																											
A18870	Trench Excavation	7	01-Apr-14	01-Apr-14	27-Aug-13		54																				
A18880	Bedding	7	01-Apr-14	01-Apr-14	27-Aug-13		54																				
A18890	Lay & Install Steel Pipes & Backfilling	7	01-Apr-14	01-Apr-14	27-Aug-13		54																				
Zone #5																											
2 Inches Pipelines Network																											
WN Pipelines Installation Total Length = 2322.23 L.M.,S.D.=2134.813 L.M.																											
A18510	Trench Excavation	24	01-Apr-14	01-Apr-14	23-Jul-13		53																				
A18520	Bedding	24	01-Apr-14	01-Apr-14	23-Jul-13		53																				
A18530	Lay & Install Steel Pipes & Backfilling	24	01-Apr-14	01-Apr-14	23-Jul-13		53																				
Zone #6																											
2 Inches Pipelines Network																											
WN Pipelines Installation Total Length = 882.51L.M.,S.D.=646.724 L.M.																											
A18620	Trench Excavation	9	01-Apr-14	01-Apr-14	25-Jul-13		54																				
A18630	Bedding	9	01-Apr-14	01-Apr-14	25-Jul-13		54																				
A18640	Lay & Install Steel Pipes & Backfilling	9	01-Apr-14	01-Apr-14	25-Jul-13		54																				
Zone #7																											
2 Inches Pipelines Network																											
WN Pipelines Installation Total Length ,S.D.= 1573.17																											
A25720	Trench Excavation	9	01-Apr-14	02-Apr-14	25-Jul-13		52																				
A25730	Bedding	9	01-Apr-14	02-Apr-14	25-Jul-13		52																				
A25740	Lay & Install Steel Pipes & Backfilling	9	01-Apr-14	02-Apr-14	25-Jul-13		52																				
4 Inches Pipelines Network																											
WN Pipelines Installation Total Length = 897 L.M.,4"= 1186 L.M.																											
A18745	Trench Excavation	9	01-Apr-14	10-Apr-14	25-Nov-13		45																				
A18750	Bedding	9	01-Apr-14	10-Apr-14	25-Nov-13		45																				
A18760	Lay & Install Steel Pipes & Backfilling	9	01-Apr-14	10-Apr-14	25-Nov-13		45																				
House Connection Works																											
House Connection Branches Installation Z3																											
A19830	Trench Excavation	12	01-Apr-14	01-Apr-14	09-Aug-13		53																				
A19840	Bedding	12	01-Apr-14	01-Apr-14	09-Aug-13		53																				
A19850	Lay & Install Steel Pipes & Backfilling	12	01-Apr-14	01-Apr-14	09-Aug-13		53																				
Chamber Works																											
Civil Works																											
A19630	Excavation for Chambers	15	01-Apr-14	01-Apr-14	15-Oct-13		54																				
A19640	Chambers Installation with Inlet/Outlet Pipes&Isolation	15	01-Apr-14	17-Apr-14	15-Oct-13		29																				
Mechanical Works																											

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Date	Revision	Checked	Approved
01-Apr-14	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.Iv...	Naim Mani-Prog Direc...

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Actual Start	Actual Finish	Total Float	Qtr 2, 2013		Qtr 3, 2013			Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014		
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
House Connection Installation Works																											
House Connection Branches Installation																											
A17540	Trench Excavation	16	01-Apr-14	09-Apr-14	10-Oct-13		7																				
A17550	Bedding	16	01-Apr-14	09-Apr-14	10-Oct-13		46																				
A17560	Lay & Install Steel Pipes & Backfilling	16	01-Apr-14	09-Apr-14	10-Oct-13		7																				
Chambers Works																											
Civil Works																											
A17190	Excavation for Chambers	34	01-Apr-14	02-Apr-14	10-Nov-13		13																				
A17200	Chambers Installation with Inlet/Outlet Pipes&Isolation	2	01-Apr-14	01-Apr-14	10-Nov-13		14																				
Mechanical Works																											
A17260	Chambers Mechanical Works	34	01-Apr-14	08-Apr-14	10-Dec-13		15																				
Cleaning,Flushing,Disinfection,Pressure Test,Customer Water Meter Installation&2nd Layer of Asphalt																											
Cleaning,Flushing																											
A17130	Cleaning,Pressure Test, Flushing for All Network	19	10-Apr-14	01-May-14			7																				
Customer Water Meter Installations																											
A17110	Customer Water Meter Installation Works&Delivary	8	01-Apr-14	09-Apr-14	20-Feb-14		48																				
Disinfection																											
A17750	Disinfection	8	10-Apr-14	19-Apr-14			48																				
Urif Network																											
Zone #1																											
2 Inches Pipelines Network																											
WN Pipelines Installation Total Length = 1230.24 L.M.,S.D.=2102.161 L.M.																											
A21260	Trench Excavation	13	01-Apr-14	02-Apr-14	08-Oct-13		45																				
A21270	Bedding	13	01-Apr-14	02-Apr-14	08-Oct-13		63																				
A21280	Lay & Install Steel Pipes & Backfilling	13	01-Apr-14	02-Apr-14	08-Oct-13		45																				
3 Inches Pipelines Network																											
WN Pipelines Installation Total Length = 943.38 L.M.S.D.3"=1094.4																											
A20880	Trench Excavation	10	01-Apr-14	09-Apr-14	21-Jul-13		39																				
A20890	Bedding	10	01-Apr-14	09-Apr-14	21-Jul-13		57																				
A20900	Lay & Install Steel Pipes & Backfilling	10	01-Apr-14	09-Apr-14	21-Jul-13		39																				
Zone #2																											
2 Inches Pipelines Network																											
WN Pipelines Installation Total Length = 3350.32 L.M.,S.D.=3236.589 L.M.																											
A21400	Trench Excavation	34	01-Apr-14	05-Apr-14	24-Oct-13		61																				
A21410	Bedding	34	01-Apr-14	05-Apr-14	24-Oct-13		61																				
A21420	Lay & Install Steel Pipes & Backfilling	34	01-Apr-14	05-Apr-14	24-Oct-13		61																				
3,4,6 Inches Pipelines Network																											
WN Pipelines Installation Total Length = 1330.98 L.M.,S.D.6"=165.19, 3"=1797.285 4"=625.47 L.M.																											
A21010	Trench Excavation	13	01-Apr-14	14-Apr-14	19-Oct-13		52																				
A21020	Bedding	13	01-Apr-14	14-Apr-14	19-Oct-13		52																				
A21030	Lay & Install Steel Pipes & Backfilling	13	01-Apr-14	14-Apr-14	19-Oct-13		52																				
Zone #3																											
2 Inches Pipelines Network																											
WN Pipelines Installation Total Length = 2976.46 L.M., S.D.= 1911.309																											
A21530	Trench Excavation	30	01-Apr-14	03-Apr-14	12-Nov-13		61																				
A21540	Bedding	30	01-Apr-14	03-Apr-14	12-Nov-13		61																				
A21550	Lay & Install Steel Pipes & Backfilling	30	01-Apr-14	03-Apr-14	12-Nov-13		61																				
3 Inches Pipelines Network																											
WN Pipelines Installation Total Length = 1175.14 L.M.																											
A21140	Trench Excavation ()	12	01-Apr-14	01-Apr-14	27-Oct-13		22																				
A21150	Bedding	12	01-Apr-14	01-Apr-14	27-Oct-13		63																				
A21160	Lay & Install Steel Pipes & Backfilling	12	01-Apr-14	01-Apr-14	27-Oct-13		23																				
Zone #4																											
2 Inches Pipelines Network																											
WN Pipelines Installation Total Length = 1093.46 L.M.,S.D.=880.317 ,1094 L.M.																											
A21650	Trench Excavation	11	01-Apr-14	02-Apr-14	31-Dec-13		63																				

- (New Bar)
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

▼ Summary

One Month Look Ahead Schedule

Date	Revision	Checked	Approved
01-Apr-14	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog-Iv...	Naim Mani-Prog Direc...

SWT 19.2 “S” Curves

DISCLAIMER:

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INTERNATIONAL RELIEF AND DEVELOPMENT, IRD

USAID-INFRASTRUCTURE NEEDS PROGRAM (INP)

TASK ORDER NO. AID-294-TO-13-00005

PROJECT 1 SOUTHWEST NABLUS VILLAGES WATER SUPPLY PROJECT

	USD
Total Contract Value Less Day Work:	\$7,482,628.59
Revised Contract Value Less Day Work:	\$7,650,150.48
Revised Contract Value Less Day Work:	\$7,418,336.48
Revised Contract Value Less Day Work:	\$7,497,263.61
NTP (Notice to Proceed)	23-Apr-13
Duration of Contract:	450 Calendar Days
Completion Date:	16-Jul-14
Testing&Commissioning Completion Date:	15-Aug-14
Data Date:	31-Mar-14

PROJECT 2 AZ ZAWIYA NETWORK PROJECT

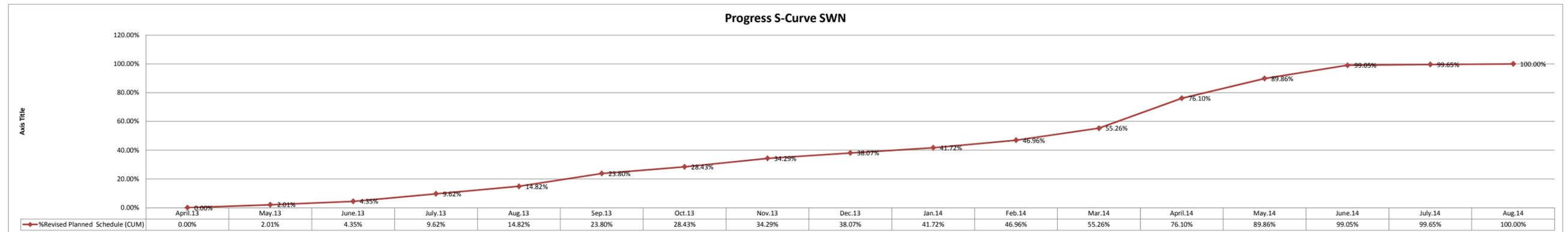
	USD
Total Contract Value Less Day Work:	\$1,989,080.86
Revised Contract Value Less Day Work:	\$1,767,290.57
Revised Contract Value Less Day Work:	\$1,961,331.41
NTP (Notice to Proceed)	23-Apr-13
Duration of Contract:	300 Calendar Days
Completion Date:	16-Feb-14
Completion Date:	31-Mar-14
Data Date:	31-Mar-14

TASK ORDER (PROJECT 1 & PROJECT 2)

	USD
Revised Total Contract Value Less Day Work:	\$9,463,396.09
Day Work Value:	\$508,312.91
Total Contract Value Including Day Work:	\$9,971,709.00

PROGRESS S-CURVE & CASH FLOW SCHEDULE

	April.13	May.13	June.13	July.13	Aug.13	Sep.13	Oct.13	Nov.13	Dec.13	Jan.14	Feb.14	Mar.14	April.14	May.14	June.14	July.14	Aug.14	TOTAL
Planned Schedule Value (REV.1)	\$0.00	\$150,323.41	\$176,012.88	\$394,822.38	\$390,157.37	\$672,990.87	\$347,122.13	\$439,096.84	\$283,389.99	\$273,652.44	\$393,104.08	\$622,153.31	\$1,562,586.10	\$1,031,635.29	\$688,953.43	\$45,349.26	\$25,913.83	\$7,497,263.61
Planned Schedule Value (CUM)	\$0.00	\$150,323.41	\$326,336.29	\$721,158.67	\$1,111,316.04	\$1,784,306.91	\$2,131,429.04	\$2,570,525.88	\$2,853,915.87	\$3,127,568.31	\$3,520,672.39	\$4,142,825.70	\$5,705,411.80	\$6,737,047.09	\$7,426,000.52	\$7,471,349.78	\$7,497,263.61	\$7,497,263.61
%Revised Planned Schedule	0.00%	2.01%	2.35%	5.27%	5.20%	8.98%	4.63%	5.86%	3.78%	3.65%	5.24%	8.30%	20.84%	13.76%	9.19%	0.60%	0.35%	100.00%
%Revised Planned Schedule (CUM)	0.00%	2.01%	4.35%	9.62%	14.82%	23.80%	28.43%	34.29%	38.07%	41.72%	46.96%	55.26%	76.10%	89.86%	99.05%	99.65%	100.00%	100.00%



SWT 19.3 Site Memos Log

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Incoming Memoranda from Engineer to CONTRACTOR (EC) Log

Task Order: AID-294 -TO-13-00005
Project: Project 1: Southwest Nablus Villages Network

Number	Description/Subject	Date Received	Comments
SM-05-SWT-E-C-033	Trench Restoration - SWT (From Sta. 3+860 to Sta. 3+720)	10-Mar-14	Dear Daoud, Referring to site instruction IR-13-00005-SWT-047A (attached). Contractor did not apply Engineer's comment to assure having a straight saw cut for the trench edges \SWT from Sta. 3+860 to Sta. 3+720). In addition; bad finish quality of asphalted layer at this section is observed. Contractor is hereby requested to remove this layer between mentioned above stations and re-asphalt it according to contract requirements without any cost or time impact to owner. Immediate correction is highly recommended.

SWT 19.4 Material or Equipment Delivered to Site Logo

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Equipment Log

Task Order: AID - 294 - TO - 13 - 00005
Project: Southwast Nablus Villages Water Supply

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
1	1-Mar-14	JCB Excavator	2	8	-
2		Double Truck	1	8	-
3		Single Truck	2	8	-
4		Trencher	-	-	-
5		Welding machine	1	8	-
6		Big wheel excavator	1	8	-
7		Bobcat	3	8	-
8		Water tank	1	8	-
		Water tank	1	4	-
9		Mobile Crane	-	-	-
10		Asphalt Cutter machine	1	8	-
11		Milling Machine	-	-	-
12		Bomac Steel Roller	2	8	-
13	Rubber Wheel Roller	-	-	-	
14	2-Mar-14	JCB Excavator	3	8	-
15		Double Truck	1	8	-
16		Single Truck	2	8	-
17		Trencher	-	-	-
18		Welding machine	1	8	-
19		Big wheel excavator	1	8	-
20		Bobcat	3	8	-
21		Water tank	1	8	-
22		Mobile Crane	-	-	-
23		Asphalt Cutter machine	2	8	-
24		Milling Machine	-	-	-
25		Bomac Steel Roller	2	8	-
26		Rubber Wheel Roller	-	-	-
	Concrete Pump	1	3	-	
	Truck Mixers	3	3	-	
	Concrete Vibrators	2	3	-	
27	3-Mar-14	JCB Excavator	3	8	-
28		Double Truck	1	8	-
29		Single Truck	2	8	-
30		Trencher	-	-	-
31		Welding machine	1	8	-
32		Big wheel excavator	-	-	-
33		Bobcat	3	8	-
34		Water tank	1	4	-
35		Mobile Crane	-	-	-
36		Asphalt Cutter machine	1	8	-
37		Milling Machine	-	-	-
38		Bomac Steel Roller	2	8	-
39		Rubber Wheel Roller	-	-	-
	Concrete Pump	1	2	-	
	Truck Mixers	2	2	-	
	Concrete Vibrators	1	2	-	

Equipment Log

Task Order: AID - 294 - TO - 13 - 00005
Project: Southwast Nablus Villages Water Supply

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle	
40	4-Mar-14	JCB Excavator	3	8	-	
41		Double Truck	1	8	-	
42		Single Truck	2	8	-	
43		Trencher	-	-	-	
44		Welding machine	2	8	-	
45		Big wheel excavator	1	8	-	
46		Bobcat	3	8	-	
47		Water tank	1	8	-	
		Water tank	1	4	-	
48		Mobile Crane	-	-	-	
49		Asphalt Cutter machine	1	8	-	
50		Milling Machine	-	-	-	
51		Bomac Steel Roller	2	8	-	
52		Rubber Wheel Roller	-	-	-	
		Concrete Pump	1	2	-	
		Truck Mixers	2	2	-	
		Concrete Vibrators	1	2	-	
53		5-Mar-14	JCB Excavator	3	8	-
54			Double Truck	1	8	-
55			Single Truck	2	8	-
56	Trencher		-	-	-	
57	Welding machine		1	8	-	
58	Big wheel excavator		1	8	-	
59	Bobcat		3	8	-	
60	Water tank		3	5	-	
61	Mobile Crane		-	-	-	
62	Asphalt Cutter machine		1	8	-	
63	Milling Machine		-	-	-	
64	Bomac Steel Roller		1	8	-	
65	Rubber Wheel Roller		-	-	-	
66	6-Mar-14	JCB Excavator	2	8	-	
67		Double Truck	1	8	-	
68		Single Truck	2	8	-	
69		Trencher	-	-	-	
70		Welding machine	1	8	-	
71		Big wheel excavator	-	-	-	
72		Bobcat	3	8	-	
73		Water tank	-	-	-	
74		Mobile Crane	-	-	-	
75		Asphalt Cutter machine	-	-	-	
76		Milling Machine	-	-	-	
77		Bomac Steel Roller	-	-	-	
78		Rubber Wheel Roller	-	-	-	
79	7-Mar-14	JCB Excavator	-	-	-	
80		Double Truck	-	-	-	
81		Single Truck	-	-	-	
82		Trencher	-	-	-	
83		Welding machine	-	-	-	
84		Big wheel excavator	-	-	-	
85		Bob cat	-	-	-	
86		Water tank	-	-	-	
87		Mobile Crane	-	-	-	
88		Asphalt Cutter machine	-	-	-	
89		Milling Machine	-	-	-	
90		Bomac Steel Roller	-	-	-	
91		Rubber Wheel Roller	-	-	-	

Equipment Log

Task Order: AID - 294 - TO - 13 - 00005
Project: Southwast Nablus Villages Water Supply

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
92	8-Mar-14	JCB Excavator	2	8	-
93		Double Truck	1	8	-
94		Single Truck	2	8	-
95		Trencher	-	-	-
96		Welding machine	1	8	-
97		Big wheel excavator	-	-	-
98		Bobcat	3	8	-
99		Water tank	-	-	-
100		Mobile Crane	-	-	-
101		Asphalt Cutter machine	1	8	-
102		Milling Machine	-	-	-
103		Bomac Steel Roller	1	4	-
104		Rubber Wheel Roller	-	-	-
			Concrete Pump	2	5
		Truck Mixers	5	5	-
		Concrete Vibrators	3	5	-
105	9-Mar-14	JCB Excavator	2	8	-
106		Double Truck	1	8	-
107		Single Truck	2	8	-
108		Trencher	-	-	-
109		Welding machine	1	8	-
110		Big wheel excavator	-	-	-
111		Bobcat	3	8	-
112		Water tank	1	4	-
113		Mobile Crane	-	-	-
114		Asphalt Cutter machine	1	8	-
115		Milling Machine	-	-	-
116		Bomac Steel Roller	1	4	-
117		Rubber Wheel Roller	-	-	-
			Concrete Pump	1	4
		Truck Mixers	3	4	-
		Concrete Vibrators	1	4	-
118	10-Mar-14	JCB Excavator	2	8	-
119		Double Truck	-	-	-
120		Single Truck	1	8	-
121		Trencher	-	-	-
122		Welding machine	-	-	-
123		Big wheel excavator	1	8	-
124		Bobcat	2	8	-
125		Water tank	1	4	-
126		Mobile Crane	-	-	-
127		Asphalt Cutter machine	-	-	-
128		Milling Machine	-	-	-
129		Bomac Steel Roller	-	-	-
130	Rubber Wheel Roller	-	-	-	
131	11-Mar-14	JCB Excavator	2	8	-
132		Double Truck	-	-	-
133		Single Truck	2	8	-
134		Trencher	-	-	-
135		Welding machine	1	8	-
136		Big wheel excavator	-	-	-
137		Bobcat	2	8	-
138		Water tank	1	4	-
139		Mobile Crane	1	8	-
140		Asphalt Cutter machine	-	-	-
141		Milling Machine	-	-	-
142		Bomac Steel Roller	-	-	-
143		Rubber Wheel Roller	-	-	-

Equipment Log

Task Order: AID - 294 - TO - 13 - 00005
Project: Southwast Nablus Villages Water Supply

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
144	12-Mar-14	JCB Excavator	-	-	-
145		Double Truck	-	-	-
146		Single Truck	-	-	-
147		Trencher	-	-	-
148		Welding machine	-	-	-
149		Big wheel excavator	-	-	-
150		Bobcat	-	-	-
151		Water tank	1	3	-
152		Mobile Crane	-	-	-
153		Asphalt Cutter machine	-	-	-
154		Milling Machine	-	-	-
155		Bomac Steel Roller	-	-	-
156		Rubber Wheel Roller	-	-	-
157		Concrete Pump	1	3	-
158	Truck Mixers	1	3	-	
159	Concrete Vibrators	1	3	-	
160	13-Mar-14	JCB Excavator	-	-	-
161		Double Truck	-	-	-
162		Single Truck	-	-	-
163		Trencher	-	-	-
164		Welding machine	-	-	-
165		Big wheel excavator	-	-	-
166		Bobcat	-	-	-
167		Water tank	-	-	-
168		Mobile Crane	-	-	-
169		Asphalt Cutter machine	-	-	-
170		Milling Machine	-	-	-
171		Bomac Steel Roller	-	-	-
172		Rubber Wheel Roller	-	-	-
173		Concrete Pump	-	-	-
174	Truck Mixers	-	-	-	
175	Concrete Vibrators	-	-	-	
176	14-Mar-14	JCB Excavator	-	-	-
177		Double Truck	-	-	-
178		Single Truck	-	-	-
179		Trencher	-	-	-
180		Welding machine	-	-	-
181		Big wheel excavator	-	-	-
182		Bob cat	-	-	-
183		Water tank	-	-	-
184		Mobile Crane	-	-	-
185		Asphalt Cutter machine	-	-	-
186		Milling Machine	-	-	-
187		Bomac Steel Roller	-	-	-
188		Rubber Wheel Roller	-	-	-
189		15-Mar-14	JCB Excavator	1	8
190	Double Truck		-	-	-
191	Single Truck		1	8	-
192	Trencher		-	-	-
193	Welding machine		-	-	-
194	Big wheel excavator		-	-	-
195	Bobcat		1	8	-
196	Water tank		-	-	-
197	Mobile Crane		-	-	-
198	Asphalt Cutter machine		-	-	-
199	Milling Machine		-	-	-
200	Bomac Steel Roller		-	-	-
201	Rubber Wheel Roller		-	-	-
202	Concrete Pump		-	-	-
203	Truck Mixers	-	-	-	
204	Concrete Vibrators	-	-	-	

Equipment Log

Task Order: AID - 294 - TO - 13 - 00005
Project: Southwest Nablus Villages Water Supply

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
205	16-Mar-14	JCB Excavator	2	8	-
206		Double Truck	1	8	-
207		Single Truck	2	8	-
208		Trencher	-	-	-
209		Welding machine	1	8	-
210		Big wheel excavator	1	8	-
211		Bobcat	2	8	-
212		Water tank	1	8	-
213		Mobile Crane	1	4	-
214		Asphalt Cutter machine	-	-	-
215		Milling Machine	-	-	-
216		Bomac Steel Roller	-	-	-
217		Rubber Wheel Roller	-	-	-
218		Concrete Pump	1	4	-
219	Truck Mixers	1	4	-	
220	Concrete Vibrators	1	4	-	
221	17-Mar-14	JCB Excavator	2	8	-
222		Double Truck	1	8	-
223		Single Truck	2	8	-
224		Trencher	-	-	-
225		Welding machine	1	8	-
226		Big wheel excavator	1	8	-
227		Bobcat	2	8	-
228		Water tank	1	8	-
229		Mobile Crane	1	4	-
230		Asphalt Cutter machine	-	-	-
231		Milling Machine	-	-	-
232		Bomac Steel Roller	-	-	-
233		Rubber Wheel Roller	-	-	-
234		Concrete Pump	1	4	-
235	Truck Mixers	2	4	-	
236	Concrete Vibrators	1	4	-	
237	18-Mar-14	JCB Excavator	3	8	-
238		Double Truck	1	8	-
239		Single Truck	2	8	-
240		Trencher	-	-	-
241		Welding machine	1	8	-
242		Big wheel excavator	-	-	-
243		Bobcat	3	8	-
244		Water tank	1	8	-
245		Mobile Crane	1	4	-
246		Asphalt Cutter machine	1	8	-
247		Milling Machine	-	-	-
248		Bomac Steel Roller	-	-	-
249		Rubber Wheel Roller	-	-	-
250		Concrete Pump	-	-	-
251	Truck Mixers	-	-	-	
252	Concrete Vibrators	-	-	-	
253	19-Mar-14	JCB Excavator	2	8	-
254		Double Truck	1	8	-
255		Single Truck	2	8	-
256		Trencher	-	-	-
257		Welding machine	-	-	-
258		Big wheel excavator	-	-	-
259		Bobcat	2	8	-
260		Water tank	-	-	-
261		Mobile Crane	-	-	-
262		Asphalt Cutter machine	1	8	-
263		Milling Machine	-	-	-
264		Bomac Steel Roller	-	-	-
265		Rubber Wheel Roller	-	-	-
266		Concrete Pump	-	-	-
267	Truck Mixers	-	-	-	
268	Concrete Vibrators	-	-	-	

Equipment Log

Task Order: AID - 294 - TO - 13 - 00005
Project: Southwast Nablus Villages Water Supply

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
269	20-Mar-14	JCB Excavator	2	8	-
270		Double Truck	1	8	-
271		Single Truck	2	8	-
272		Trencher	-	-	-
273		Welding machine	1	8	-
274		Big wheel excavator	1	8	-
275		Bobcat	2	8	-
276		Water tank	-	-	-
277		Mobile Crane	1	5	-
278		Asphalt Cutter machine	1	5	-
279		Milling Machine	-	-	-
280		Bomac Steel Roller	1	5	-
281		Rubber Wheel Roller	-	-	-
282		Concrete Pump	-	-	-
283		Truck Mixers	-	-	-
284	Concrete Vibrators	-	-	-	
285	21-Mar-14	JCB Excavator	-	-	-
286		Double Truck	-	-	-
287		Single Truck	-	-	-
288		Trencher	-	-	-
289		Welding machine	-	-	-
290		Big wheel excavator	-	-	-
291		Bobcat	-	-	-
292		Water tank	-	-	-
293		Mobile Crane	-	-	-
294		Asphalt Cutter machine	-	-	-
295		Milling Machine	-	-	-
296		Bomac Steel Roller	-	-	-
297		Rubber Wheel Roller	-	-	-
298		Concrete Pump	-	-	-
299		Truck Mixers	-	-	-
300	Concrete Vibrators	-	-	-	
301	22-Mar-14	JCB Excavator	2	8	-
302		Double Truck	1	8	-
303		Single Truck	2	8	-
304		Trencher	-	-	-
305		Welding machine	1	8	-
306		Big wheel excavator	-	-	-
307		Bobcat	2	8	-
308		Water tank	1	5	-
309		Mobile Crane	1	5	-
310		Asphalt Cutter machine	-	-	-
311		Milling Machine	-	-	-
312		Bomac Steel Roller	1	5	-
313		Rubber Wheel Roller	-	-	-
314		Concrete Pump	-	-	-
315		Truck Mixers	-	-	-
316	Concrete Vibrators	-	-	-	
317	23-Mar-14	JCB Excavator	2	8	-
318		Double Truck	1	8	-
319		Single Truck	2	8	-
320		Trencher	-	-	-
321		Welding machine	1	8	-
322		Big wheel excavator	1	8	-
323		Bobcat	2	8	-
324		Water tank	1	5	-
325		Mobile Crane	-	-	-
326		Asphalt Cutter machine	1	8	-
327		Milling Machine	-	-	-
328		Bomac Steel Roller	1	8	-
329		Rubber Wheel Roller	-	-	-
330		Concrete Pump	-	-	-
331		Truck Mixers	-	-	-
332	Concrete Vibrators	-	-	-	

Equipment Log

Task Order: AID - 294 - TO - 13 - 00005
Project: Southwest Nablus Villages Water Supply

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle	
333	24-Mar-14	JCB Excavator	2	8	-	
334		Double Truck	1	8	-	
335		Single Truck	2	8	-	
336		Trencher	-	-	-	
337		Welding machine	1	8	-	
338		Big wheel excavator	1	8	-	
339		Bobcat	2	8	-	
340		Water tank	1	5	-	
341		Mobile Crane	-	-	-	
342		Asphalt Cutter machine	1	8	-	
343		Milling Machine	-	-	-	
344		Bomac Steel Roller	1	8	-	
345		Rubber Wheel Roller	-	-	-	
346		Concrete Pump	-	-	-	
347		Concrete Truck Mixers	-	-	-	
348		Concrete Vibrators	-	-	-	
349		25-Mar-14	JCB Excavator	2	8	-
350			Double Truck	1	8	-
351	Single Truck		2	8	-	
352	Trencher		-	-	-	
353	Welding machine		1	8	-	
354	Big wheel excavator		1	8	-	
355	Bobcat		2	8	-	
356	Water tank		2	5	-	
357	Mobile Crane		-	-	-	
358	Asphalt Cutter machine		1	8	-	
359	Milling Machine		-	-	-	
360	Bomac Steel Roller		1	8	-	
361	Rubber Wheel Roller		-	-	-	
362	Concrete Pump		1	5	-	
363	Concrete Truck Mixers		2	5	-	
364	Concrete Vibrators		1	5	-	
365	26-Mar-14	JCB Excavator	2	8	-	
366		Double Truck	1	8	-	
367		Single Truck	2	8	-	
368		Trencher	-	-	-	
369		Welding machine	1	8	-	
370		Big wheel excavator	1	8	-	
371		Bobcat	2	8	-	
372		Water tank	1	5	-	
373		Mobile Crane	1	8	-	
374		Asphalt Cutter machine	-	-	-	
375		Milling Machine	-	-	-	
376		Bomac Steel Roller	1	8	-	
377		Rubber Wheel Roller	-	-	-	
378		Concrete Pump	-	-	-	
379		Concrete Truck Mixers	-	-	-	
380	Concrete Vibrators	-	-	-		
381	27-Mar-14	JCB Excavator	1	8	-	
382		Double Truck	1	8	-	
383		Single Truck	2	8	-	
384		Trencher	-	-	-	
385		Welding machine	1	8	-	
386		Big wheel excavator	-	-	-	
387		Bobcat	2	8	-	
388		Water tank	1	5	-	
389		Mobile Crane	-	-	-	
390		Asphalt Cutter machine	-	-	-	
391		Milling Machine	-	-	-	
392		Bomac Steel Roller	1	8	-	
393		Rubber Wheel Roller	1	8	-	
394		Concrete Pump	-	-	-	
395		Concrete Truck Mixers	-	-	-	
396		Concrete Vibrators	-	-	-	

Equipment Log

Task Order: AID - 294 - TO - 13 - 00005
Project: Southwest Nablus Villages Water Supply

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
397	28-Mar-14	JCB Excavator	-	-	-
398		Double Truck	-	-	-
399		Single Truck	-	-	-
400		Trencher	-	-	-
401		Welding machine	-	-	-
402		Big wheel excavator	-	-	-
403		Bobcat	-	-	-
404		Water tank	-	-	-
405		Mobile Crane	-	-	-
406		Asphalt Cutter machine	-	-	-
407		Milling Machine	-	-	-
408		Bomac Steel Roller	-	-	-
409		Rubber Wheel Roller	-	-	-
410		Concrete Pump	-	-	-
411	Truck Mixers	-	-	-	
412	Concrete Vibrators	-	-	-	
413	29-Mar-14	JCB Excavator	1	8	-
414		Double Truck	1	8	-
415		Single Truck	3	8	-
416		Trencher	-	-	-
417		Welding machine	1	8	-
418		Big wheel excavator	-	-	-
419		Bobcat	2	8	-
420		Water tank	1	5	-
421		Mobile Crane	-	-	-
422		Asphalt Cutter machine	-	-	-
423		Milling Machine	-	-	-
424		Bomac Steel Roller	1	8	-
425		Rubber Wheel Roller	1	8	-
426		Concrete Pump	-	-	-
427		Truck Mixers	-	-	-
428		Concrete Vibrators	-	-	-
429	30-Mar-14	JCB Excavator	1	8	-
430		Double Truck	1	8	-
431		Single Truck	2	8	-
432		Trencher	-	-	-
433		Welding machine	1	8	-
434		Big wheel excavator	-	-	-
435		Bobcat	2	8	-
436		Water tank	-	-	-
437		Mobile Crane	1	8	-
438		Asphalt Cutter machine	1	8	-
439		Milling Machine	-	-	-
440		Bomac Steel Roller	-	-	-
441		Rubber Wheel Roller	-	-	-
442		Concrete Pump	-	-	-
443		Truck Mixers	-	-	-
444		Concrete Vibrators	-	-	-
445	31-Mar-14	JCB Excavator	2	8	-
446		Double Truck	1	8	-
447		Single Truck	2	8	-
448		Trencher	-	-	-
449		Welding machine	1	8	-
500		Big wheel excavator	1	8	-
501		Bobcat	2	8	-
502		Water tank	-	-	-
503		Mobile Crane	-	-	-
504		Asphalt Cutter machine	-	-	-
505		Milling Machine	-	-	-
506		Bomac Steel Roller	-	-	-
507		Rubber Wheel Roller	-	-	-
508		Concrete Pump	-	-	-
509		Truck Mixers	-	-	-
510		Concrete Vibrators	-	-	-

Material Log

Task Order: AID - 294 - TO - 13- 00005
Project: Southwest Nablus Villages Water Supply

No.	Date	Item	Description	QTY	Location
1	1-Mar-14	Single size aggregates	Mahmoud Daoud Son's Crusher	25 Tons	SWT
2		Base course	Mahmoud Daoud Son's Crusher	50 Tons	SWT
3		Base course	Mahmoud Daoud Son's Crusher	25 Tons	AQN
4	2-Mar-14	Somsom	Mahmoud Daoud Son's Crusher	10 Tons	URN
5		Single size aggregates	Mahmoud Daoud Son's Crusher	10 Tons	URN
6		Base course	Mahmoud Daoud Son's Crusher	20 Tons	URN
7		B350	Beit Al Maqdes Batching Plant	22.5 MC	MDR
8	3-Mar-14	Somsom	Mahmoud Daoud Son's Crusher	25 Tons	MDN
9		Single size aggregates	Mahmoud Daoud Son's Crusher	25 Tons	MDN
10		Base course	Mahmoud Daoud Son's Crusher	25 Tons	MDN
11		Single size aggregates	Mahmoud Daoud Son's Crusher	25 Tons	AQN
12		B350	Beit Al Maqdes Batching Plant	18 MC	MDR
13	4-Mar-14	Somsom	Mahmoud Daoud Son's Crusher	50 Tons	MDN
14		Single size aggregates	Mahmoud Daoud Son's Crusher	100 Tons	MDN
15		Base course	Mahmoud Daoud Son's Crusher	75 Tons	MDN
16		Somsom	Mahmoud Daoud Son's Crusher	50 Tons	SWT
17		B350	Beit Al Maqdes Batching Plant	16 MC	URR
18	5-Mar-14	Somsom	Mahmoud Daoud Son's Crusher	25 Tons	MDN
19		Single size aggregates	Mahmoud Daoud Son's Crusher	50 Tons	MDN
20		Single size aggregates	Mahmoud Daoud Son's Crusher	25 Tons	AQN
21		Somsom	Mahmoud Daoud Son's Crusher	25 Tons	SWT
22		Single size aggregates	Mahmoud Daoud Son's Crusher	50 Tons	SWT
23		Base course	Mahmoud Daoud Son's Crusher	50 Tons	SWT
24	6-Mar-14	Single size aggregates	Mahmoud Daoud Son's Crusher	50 Tons	MDN
25	7-Feb-14	None	-	-	-
26	8-Mar-14	Somsom	Mahmoud Daoud Son's Crusher	25 Tons	MDN
27		Single size aggregates	Mahmoud Daoud Son's Crusher	75 Tons	MDN
28		Base course	Mahmoud Daoud Son's Crusher	50 Tons	MDN
29		Single size aggregates	Mahmoud Daoud Son's Crusher	25 Tons	AQN
30		B350	Beit Al Maqdes Batching Plant	23 MC	SWT
31		B350	Beit Al Maqdes Batching Plant	16 MC	URR
32		¾" Hot Mix	Qandeel-Jama'ain	60 Tons	SWT
33	9-Mar-14	Somsom	Mahmoud Daoud Son's Crusher	25 Tons	MDN
34		Single size aggregates	Mahmoud Daoud Son's Crusher	50 Tons	MDN
35		Base course	Mahmoud Daoud Son's Crusher	25 Tons	MDN
36		Single size aggregates	Mahmoud Daoud Son's Crusher	20 Tons	AQN
37		B200	Beit Al Maqdes Batching Plant	22 MC	MDN
38		¾" Hot Mix	Qandeel-Jama'ain	27 Tons	SWT
39	10-Feb-14	Single size aggregates	Mahmoud Daoud Son's Crusher	25 Tons	MDN
40	11-Mar-14	Single size aggregates	Mahmoud Daoud Son's Crusher	100 Tons	MDN
41		Somsom	Mahmoud Daoud Son's Crusher	55 Tons	URN
42		Single size aggregates	Mahmoud Daoud Son's Crusher	55 Tons	URN
43		Base course	Mahmoud Daoud Son's Crusher	55 Tons	URN
44	12-Feb-14	B350	Beit Al Maqdes Batching Plant	3 CM	AQN
45	13-Feb-14	None	-	-	-
46	14-Feb-14	None	-	-	-
47	15-Mar-14	Base course	Mahmoud Daoud Son's Crusher	25 Tons	MDN
48		Base course	Mahmoud Daoud Son's Crusher	25 Tons	URN
49	16-Mar-14	Base course	Mahmoud Daoud Son's Crusher	25 Tons	AQN
50		Somsom	Mahmoud Daoud Son's Crusher	25 Tons	MDN
51		Base course	Mahmoud Daoud Son's Crusher	25 Tons	MDN
52		Single size aggregates	Mahmoud Daoud Son's Crusher	75 Tons	URN
53		B350 Concrete	Beit Al Maqdes Batching Plant	10 MC	URR
54		Somsom	Mahmoud Daoud Son's Crusher	25 Tons	AQN
55	17-Mar-14	Single size aggregates	Mahmoud Daoud Son's Crusher	25 Tons	AQN
56		Single size aggregates	Mahmoud Daoud Son's Crusher	25 Tons	MDN
57		Base course	Beit Al Maqdes Batching Plant	75 Tons	MDN
58		Somsom	Mahmoud Daoud Son's Crusher	25 Tons	SWT

Material Log

Task Order: AID - 294 - TO - 13- 00005
Project: Southwast Nablus Villages Water Supply

No.	Date	Item	Description	QTY	Location
59		Single size aggregates	Mahmoud Daoud Son's Crusher	25 Tons	SWT
60		B350 Concrete	Beit Al Maqdes Batching Plant	13 MC	URR
61	18-Mar-14	Somsom	Mahmoud Daoud Son's Crusher	50 Tons	MDN
62		Base course	Mahmoud Daoud Son's Crusher	50 Tons	MDN
63		Single size aggregates	Mahmoud Daoud Son's Crusher	75 Tons	SWT
64	19-Mar-14	Somsom	Mahmoud Daoud Son's Crusher	25 Tons	SWT
65		Single size aggregates	Mahmoud Daoud Son's Crusher	25 Tons	MDN
66		Base course	Mahmoud Daoud Son's Crusher	25 Tons	MDN
67	20-Mar-14	Somsom	Mahmoud Daoud Son's Crusher	25 Tons	MDN
68		Single size aggregates	Mahmoud Daoud Son's Crusher	25 Tons	MDN
69		Base course	Mahmoud Daoud Son's Crusher	50 Tons	MDN
70		Base course	Mahmoud Daoud Son's Crusher	25 Tons	SWT
71	21-Mar-14	None	-	-	-
72	22-Mar-14	Somsom	Mahmoud Daoud Son's Crusher	25 Tons	MDN
73		Single size aggregates	Mahmoud Daoud Son's Crusher	150 Tons	MDN
74	23-Mar-14	Somsom	Mahmoud Daoud Son's Crusher	50 Tons	SWT
75		Single size aggregates	Mahmoud Daoud Son's Crusher	50 Tons	SWT
76		Base course	Mahmoud Daoud Son's Crusher	50 Tons	SWT
77		Single size aggregates	Mahmoud Daoud Son's Crusher	25 Tons	AQN
78		Single size aggregates	Mahmoud Daoud Son's Crusher	50 Tons	MDN
79	24-Mar-14	Somsom	Mahmoud Daoud Son's Crusher	20 Tons	SWT
80		Single size aggregates	Mahmoud Daoud Son's Crusher	50 Tons	SWT
81		Base course	Mahmoud Daoud Son's Crusher	50 Tons	SWT
82		Base course	Mahmoud Daoud Son's Crusher	25 Tons	MDN
83	25-Mar-14	Somsom	Mahmoud Daoud Son's Crusher	50 Tons	MDN
84		Single size aggregates	Mahmoud Daoud Son's Crusher	60 Tons	MDN
85		Base course	Mahmoud Daoud Son's Crusher	30 Tons	SWT
86		Single size aggregates	Mahmoud Daoud Son's Crusher	55 Tons	AQN
87		B350 Concrete	Beit Al Maqdes Batching Plant	16 MC	URR
88	26-Mar-14	Somsom	Mahmoud Daoud Son's Crusher	25 Tons	SWT
89		Single size aggregates	Mahmoud Daoud Son's Crusher	30 Tons	MDN
90		¾" Hot Asphalt Mix	Qandeel-Jammain	80 Tons	SWT
91	27-Mar-14	Somsom	Mahmoud Daoud Son's Crusher	25 Tons	SWT
92		Single size aggregates	Mahmoud Daoud Son's Crusher	50 Tons	URR
93		Single size aggregates	Mahmoud Daoud Son's Crusher	30 Tons	AQN
94		Single size aggregates	Mahmoud Daoud Son's Crusher	30 Tons	MDN
95		¾" Hot Asphalt Mix	Qandeel-Jammain	75 Tons	MDN
96	28-Mar-14	None	-	-	-
97	29-Mar-14	Single size aggregates	Mahmoud Daoud Son's Crusher	25 Tons	MDN
98		Base course	Mahmoud Daoud Son's Crusher	30 Tons	MDR
99		¾" Hot Asphalt Mix	Qandeel-Jammain	70 Tons	MDN
100	30-Mar-14	Single size aggregates	Mahmoud Daoud Son's Crusher	30 Tons	AQN
101	31-Mar-14	Somsom	Mahmoud Daoud Son's Crusher	25 Tons	SWT
102		Single size aggregates	Mahmoud Daoud Son's Crusher	155 Tons	SWT
103		Base course	Mahmoud Daoud Son's Crusher	30 Tons	MDN

SWT 19.5 Inspection Requests Log

DISCLAIMER:

The author's views expressed in this publication do not necessarily reflect the views of the United States Agency for International Development or the United States Government.

Inspection Requests Log IRD/BV

USAID Contract N0.

AID - 294 -TO- 13 - 00005

Project:
Southwest Nablus Villages Water Supply
Inspection Grades

A - No Exceptions Noted

B - Make Corrections Noted

C - Amend and Resubmit

D - Rejected- Resubmit

No.	Request Date	Date Inspection Required	Description of Works Inspected	Sender/ Recipient	1st Inspection		2nd Inspection	
					Response Date	Grade	Response Date	Grade
IR-05-SWN-63-B	17-Mar-14	17-Mar-14	Inspecting the delivery of the bermad fittings listed below for Az Zawieh Network • 4" Flow control valve PN25. • 4" Pressure reducing control valve PN25. • Pressure Relief valve PN25.	IRD/BV	17-Mar-14	D		
IR-05-SWN-65-A	9-Mar-14	9-Mar-14	Inspecting of 240 prepaid water meters for the following villages listed below: • Madama ... 90. • Asira.....100. • Urif.....50.	IRD/BV	10-Mar-14	A		
IR-05-SWN-66-A	10-Mar-14	10-Mar-14	Inspecting the delivery of 6" Gate Valve - 25 bars.	IRD/BV	11-Mar-14	C		
IR-05-SWN-67-A	23-Mar-14	24-Mar-14	Inspecting the delivery of Expansion Joints at Madama storage yard.	IRD/BV	25-Mar-14	A		
IR-05-AQR-19-A	9-Mar-14	9-Mar-14	Inspecting safety and checking the location of the inlet and outlet chamber in order to start excavation of chamber.	IRD/BV	9-Mar-14	A		
IR-05-AQN-41-A	3-Mar-14	3-Mar-14	Monitoring the flushing prior to pressure test for the water line listed below: <input type="checkbox"/> Zone (3) -Line (A2-16). <input type="checkbox"/> Zone (3+5) -Line (A2-14). <input type="checkbox"/> Zone (3) -Line (A3-3-1).	IRD/BV	5-Mar-14	A		

Inspection Requests Log IRD/BV

USAID Contract N0.

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Project:

Southwest Nablus Villages Water Supply

Inspection Grades

A – No Exceptions Noted

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C- Amend and Resubmit

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No.	Request Date	Date Inspection Required	Description of Works Inspected	Sender/ Recipient	1st Inspection		2nd Inspection	
					Response Date	Grade	Response Date	Grade
IR-05-AQN-42-A	3-Mar-14	3-Mar-14	Monitoring the flushing prior to pressure test for the water line listed below: • Zone (3) – Line (A2-29). • Zone (4+5) – Line (A2-12). • Zone (5) – Line (A2-15). • Zone (5) – Line (A2-13). • Zone (3) – Line (A3-03). • Zone (3) – Line (A2-28). • Zone (5) – Line (A3-04). • Zone (3) – Line (A2-27). • Zone (3) – Line (A3-05). • Zone (3) – Line (A2-17). • Zone (5) – Line (A2-11). • Zone (4+5) – Line (A2-37).	IRD/BV	5-Mar-14	A		
IR-05-AQN-43-A	4-Mar-14	4-Mar-14	Monitoring the flushing prior to pressure test for the water lines listed below: <input type="checkbox"/> Zone (01), Line (A2-24). <input type="checkbox"/> Zone (01), Line (A2-24-1). <input type="checkbox"/> Zone (01), Line (A2-25). <input type="checkbox"/> Zone (01), Line (A2-26).	IRD/BV	5-Mar-14	C		
IR-05-AQN-44-A	9-Mar-14	9-Mar-14	Monitoring the flushing for the following water lines listed below: <input type="checkbox"/> Zone (3)-(A2-16). <input type="checkbox"/> Zone (3+5)-(A2-14). <input type="checkbox"/> Zone (3)-(A3-3-1).	IRD/BV	10-Mar-14	D		
IR-05-AQN-45-A	9-Mar-14	9-Mar-14	Monitoring the flushing and pressure test for the following water lines listed below: <input type="checkbox"/> Zone (5)-(A2-12). <input type="checkbox"/> Zone (3)-(A2-16).	IRD/BV	10-Mar-14	A		

Inspection Requests Log IRD/BV

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Project:

Southwest Nablus Villages Water Supply

Inspection Grades

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No.	Request Date	Date Inspection Required	Description of Works Inspected	Sender/ Recipient	1st Inspection		2nd Inspection	
					Response Date	Grade	Response Date	Grade
IR-05-AQN-46-A	12-Mar-14	12-Mar-14	Inspecting the sample of the PRV3''-04 precast Manhole in two sections and the cast in situ roof slab.	IRD/BV				
IR-05-AQN-47-A	15-Mar-14	16-Mar-14	Inspecting the location for the pressure reducing valve P3''-03 at the line A3-003, zone 3.	IRD/BV	18-Mar-14	A		
IR-05-AQN-48-A	16-Mar-14	16-Mar-14	Monitoring the pressure test for the following water lines listed below: <input type="checkbox"/> Zone (3)-(A2-17). <input type="checkbox"/> Zone (3)-(A2-27). <input type="checkbox"/> Zone (3)-(A2-28).	IRD/BV	18-Mar-14	A		
IR-05-AQN-49-A	16-Mar-14	16-Mar-14	Monitoring the flushing prior to pressure test for the following water lines listed below: <input type="checkbox"/> Zone (3)-(A2-08). <input type="checkbox"/> Zone (3)-(A2-09).	IRD/BV	18-Mar-14	D		

Inspection Requests Log IRD/BV

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Project:

Southwest Nablus Villages Water Supply

Inspection Grades

A – No Exceptions Noted

B - Make Corrections Noted

C- Amend and Resubmit

D- Rejected- Resubmit

No.	Request Date	Date Inspection Required	Description of Works Inspected	Sender/ Recipient	1st Inspection		2nd Inspection	
					Response Date	Grade	Response Date	Grade
IR-05-AQN-50-A	18-Mar-14	18-Mar-14	Inspecting the connections of Gate Valve manholes with the 3” pipelines as listed below: <input type="checkbox"/> Zone (1)-G2”-23 at the line A2-24. <input type="checkbox"/> Zone (1)-G2”-24 at the line A2-25. <input type="checkbox"/> Zone (1)-G2”-25 at the line A2-26.	IRD/BV	18-Mar-14	A		
IR-05-AQN-51-A	19-Mar-14	19-Mar-14	Inspecting the safety and traffic arrangement in order to start excavation, installation and backfilling for the Pressure Reducing Valve listed below: <input type="checkbox"/> Zone (1), P3-03 at line A3-003.	IRD/BV				
IR-05-AQN-52-A	20-Mar-14	20-Mar-14	Monitoring the flushing prior to pressure test for the following water lines listed below: <input type="checkbox"/> Zone (3)-(A2-08). <input type="checkbox"/> Zone (3)-(A2-09).	IRD/BV	20-Mar-14	A		
IR-05-AQN-53-A	23-Mar-14	23-Mar-14	Inspecting the safety and traffic arrangement in order to connecting the Air Release Valve at water lines listed below: <input type="checkbox"/> Zone (1), A2”-03 at line A3-006.	IRD/BV	24-Mar-14	A		
IR-05-AQN-54-A	25-Mar-14	25-Mar-14	Inspecting the safety and traffic arrangement in order to start excavation, installation and backfilling for the PRV manhole listed below: <input type="checkbox"/> Zone (3) -P3”-03 at the line A3-03.	IRD/BV	26-Mar-14	A		

Inspection Requests Log IRD/BV

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Project:

Southwest Nablus Villages Water Supply

Inspection Grades

A – No Exceptions Noted

B - Make Corrections Noted

C- Amend and Resubmit

D- Rejected- Resubmit

No.	Request Date	Date Inspection Required	Description of Works Inspected	Sender/ Recipient	1st Inspection		2nd Inspection	
					Response Date	Grade	Response Date	Grade
IR-05-AQN-55-A	27-Mar-14	27-Mar-14	Inspecting the safety and traffic arrangement in order to start excavation, installation and backfilling for the PRV manhole listed below: <input type="checkbox"/> Zone (4) -P4"-01 at the line A4-02-01.	IRD/BV	27-Mar-14	C		
IR-05-AQN-55-B	29-Mar-14	29-Mar-14	Inspecting the safety and traffic arrangement in order to start excavation, installation and backfilling for the PRV manhole listed below: <input type="checkbox"/> Zone (4) -P4"-01 at the line A4-02-01.	IRD/BV	29-Mar-14	D		
IR-05-AQN-56-A	30-Mar-14	30-Mar-14	Inspecting the safety and traffic arrangement in order to start excavation, installation and backfilling for 3" gate valve manholes at water lines listed below: <input type="checkbox"/> Zone (05)-G.V3"-04 at line (A3-04). <input type="checkbox"/> Zone (03)-G.V3"-29 at line (A3-05).	IRD/BV				
IR-05-AQN-57-A	31-Mar-14	31-Mar-14	Monitoring the pressure test for the following water lines listed below: <input type="checkbox"/> Zone (5)-(A2-15). <input type="checkbox"/> Zone (5)-(A2-29).	IRD/BV				
IR-05-MDR-36-A	3-Mar-14	3-Mar-14	Inspecting steel reinforcement and formworks for walls and slab of the inlet and outlet chamber	IRD/BV	4-Mar-14	A		

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Project:

Southwest Nablus Villages Water Supply

Inspection Grades

A – No Exceptions Noted

B - Make Corrections Noted

C- Amend and Resubmit

D- Rejected- Resubmit

No.	Request Date	Date Inspection Required	Description of Works Inspected	Sender/ Recipient	1st Inspection		2nd Inspection	
					Response Date	Grade	Response Date	Grade
IR-05-MDR-37-A	10-Mar-14	10-Mar-14	Inspecting the safety arrangement in order to install inlet pipes at Madama Reservoir yard	IRD/BV	10-Mar-14	D		
IR-05-MDN-97-A	2-Mar-14	2-Mar-14	Inspecting safety and traffic arrangement in order to start installation for the gate valve manhole listed below: <input type="checkbox"/> G.V-012, line (M2-005).	IRD/BV	5-Mar-14	D		
IR-05-MDN-98-A	3-Mar-14	3-Mar-14	Inspecting steel reinforcement and formworks for walls and slab of PRV 3" Manhole prior to concrete casting.	IRD/BV				
IR-05-MDN-99-A	4-Mar-14	4-Mar-14	Monitoring the flushing and pressure test for the following water lines listed below: <input type="checkbox"/> Zone (4)-(M2-34).	IRD/BV	5-Mar-14	A		
IR-05-MDN-100-A	9-Mar-14	9-Mar-14	Monitoring the flushing for the following water lines listed below: <input type="checkbox"/> Zone (3)-(M2-09). <input type="checkbox"/> Zone (3)-(M3-39).	IRD/BV	10-Mar-14	A		
IR-05-MDN-101-A	9-Mar-14	9-Mar-14	Monitoring the flushing prior to pressure test for the following water line listed below: <input type="checkbox"/> Zone (1)-(M2-35).	IRD/BV	10-Mar-14	A		
IR-05-MDN-102-A	9-Mar-14	9-Mar-14	Inspecting safety, location and steel reinforcement in order to start casting concrete for the shoulders along water line listed below: <input type="checkbox"/> Zone (5)-(M2-26).	IRD/BV	10-Mar-14	A		

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No.	Request Date	Date Inspection Required	Description of Works Inspected	Sender/ Recipient	1st Inspection		2nd Inspection	
					Response Date	Grade	Response Date	Grade
IR-05-MDN-103-A	11-Mar-14	11-Mar-14	Monitoring the flushing prior to pressure test for the following water line listed below: <input type="checkbox"/> Zone (7)-(M2-40-B).	IRD/BV	13-Mar-14	A		
IR-05-MDN-104-A	15-Mar-14	16-Mar-14	Inspecting the connections for the washout W3"-08 at the water line M4-18 at station 0+144.55	IRD/BV	18-Mar-14	A		
IR-05-MDN-105-A	16-Mar-14	16-Mar-14	Inspecting the safety and traffic arrangement in order to connecting the following ARV chambers listed below: <input type="checkbox"/> Zone (2) -A2"-004, line M2-007 at station 0+363.270 <input type="checkbox"/> Zone (7) -A2"-008, line M2-38 at station 0+525.363 <input type="checkbox"/> Zone (6+7) -A2"-009, line M4-32 at station 1+056.618	IRD/BV	16-Mar-14	C		
IR-05-MDN-106-A	16-Mar-14	16-Mar-14	Inspecting the safety and traffic arrangement in order to connecting the washout chamber listed below: <input type="checkbox"/> Zone (4) -W3"-008, line M4-018 at station 0+144.548	IRD/BV	16-Mar-14	A		
IR-05-MDN-107-A	16-Mar-14	16-Mar-14	Monitoring the flushing prior to pressure test for the following water lines listed below: <input type="checkbox"/> Zone (4) - line (M4-18). <input type="checkbox"/> Zone (6+7) - line (M4-32).	IRD/BV	18-Mar-14	A		

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No.	Request Date	Date Inspection Required	Description of Works Inspected	Sender/ Recipient	1st Inspection		2nd Inspection	
					Response Date	Grade	Response Date	Grade
IR-05-MDN-108-A	16-Mar-14	16-Mar-14	Monitoring the flushing prior to pressure test for the following water lines listed below: <input type="checkbox"/> Zone (7) - line (M2-37). <input type="checkbox"/> Zone (7) - line (M2-38). <input type="checkbox"/> Zone (7) - line (M2-42).	IRD/BV	18-Mar-14	C		
IR-05-MDN-109-A	16-Mar-14	16-Mar-14	Monitoring the flushing prior to pressure test for the following water lines listed below: <input type="checkbox"/> Zone (1)-(M3-01). <input type="checkbox"/> Zone (1)-(M3-04). <input type="checkbox"/> Zone (1)-(M2-1-2).	IRD/BV	18-Mar-14	A		
IR-05-MDN-110-A	16-Mar-14	16-Mar-14	Monitoring the flushing prior to pressure test for the following water lines listed below: <input type="checkbox"/> Zone (4)-(M3-17). <input type="checkbox"/> Zone (1)-(M2-1-1).	IRD/BV	18-Mar-14	A		
IR-05-MDN-111-A	16-Mar-14	16-Mar-14	Monitoring the flushing prior to pressure test for the following water line listed below: <input type="checkbox"/> Zone (1)-(M2-02).	IRD/BV	18-Mar-14	C		
IR-05-MDN-112-A	17-Mar-14	17-Mar-14	Monitoring the flushing prior to pressure test for the following water line listed below: <input type="checkbox"/> Zone (6+7)-(M2-32-1). <input type="checkbox"/> Zone (7)-(M2-37). <input type="checkbox"/> Zone (7)-(M2-38).	IRD/BV	18-Mar-14	C		
IR-05-MDN-113-A	17-Mar-14	17-Mar-14	Monitoring the flushing and pressure test for the following water line listed below: <input type="checkbox"/> Zone (7)-(M2-35).	IRD/BV	18-Mar-14	A		
IR-05-MDN-114-A	18-Mar-14	18-Mar-14	Inspecting connections for the Air Release as listed below: <input type="checkbox"/> Zone (7)-(M2-38) , A2"-008 at station 0+525.36	IRD/BV	18-Mar-14	A		

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No.	Request Date	Date Inspection Required	Description of Works Inspected	Sender/ Recipient	1st Inspection		2nd Inspection	
					Response Date	Grade	Response Date	Grade
IR-05-MDN-115-A	20-Mar-14	20-Mar-14	Inspection for the field compaction test for the water line listed below: <input type="checkbox"/> Zone (6) -Line (M2-25) from station (0+420 to 0+617). <input type="checkbox"/> Zone (5) -Line (M2-26) from station (0+220 to 1+053).	IRD/BV	18-Mar-14			
IR-05-MDN-116-A	23-Mar-14	23-Mar-14	Inspection the pressure test for the water line listed below: <input type="checkbox"/> Zone (7) -Line (M2-38) from station 0+780 to 1+126.	IRD/BV	24-Mar-14	A		
IR-05-MDN-117-A	23-Mar-14	23-Mar-14	Monitoring the pressure test for the water line listed below: <input type="checkbox"/> Zone (3) -Line (M2-39)	IRD/BV	24-Mar-14	C		
IR-05-MDN-117-B	25-Mar-14	25-Mar-14	Monitoring the pressure test for the water line listed below: <input type="checkbox"/> Zone (3) -Line (M3-39)	IRD/BV	26-Mar-14	A		
IR-05-MDN-118-A	25-Mar-14	25-Mar-14	Monitoring the flushing and pressure test for the water line listed below: <input type="checkbox"/> Zone (3) -Line (M2-09).	IRD/BV	26-Mar-14	A		
IR-05-MDN-119-A	27-Mar-14	27-Mar-14	Spraying MC and applying first layer of asphalt wearing course 5 cm thick along water lines listed below: <input type="checkbox"/> Zone (6) -Line (M2-25). <input type="checkbox"/> Zone (5) -Line (M2-26).	IRD/BV	27-Mar-14	A		
IR-05-MDN-120-A	27-Mar-14	27-Mar-14	Monitoring the flushing and pressure test for the water line listed below: <input type="checkbox"/> Zone (1) -Line (M2-02).	IRD/BV	27-Mar-14	A		
IR-05-MDN-121-A	27-Mar-14	27-Mar-14	Monitoring the pressure test for the water lines listed below: • Zone (7+6) - line (M4-32). • Zone (4) - line (M3-17). • Zone (1) - line (M2-01-1). • Zone (1) - line (M3-04). • Zone (1) - line (M2-01-2). • Zone (1) - line (M3-01). • Zone (4) - line (M4-18).	IRD/BV	27-Mar-14	A		

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No.	Request Date	Date Inspection Required	Description of Works Inspected	Sender/ Recipient	1st Inspection		2nd Inspection	
					Response Date	Grade	Response Date	Grade
IR-05-MDN-122-A	31-Mar-14	31-Mar-14	Monitoring the pressure test for the water lines listed below: <ul style="list-style-type: none"> • Zone (3) - line (M3-32-1). • Zone (1) - line (M2-02-1). • Zone (7) - line (M2-40-b). • Zone (1) - line (M3-02-2). • Zone (5) - line (M2-26-1). • Zone (6) - line (M2-36-1). • Zone (4) - line (M2-19). 	IRD/BV	31-Mar-14	C		
IR-05-URR-22-A	4-Mar-14	4-Mar-14	Inspecting the steel reinforcement and formwork for the foundation of inlet and outlet chamber prior to concrete casting.	IRD/BV	5-Mar-14	A		
IR-05-URR-23-A	17-Mar-14	17-Mar-14	Inspecting formwork and preparation prior to casting the section of the wall where is highlighted in yellow color.	IRD/BV	17-Mar-14	A		
IR-05-URR-24-A	17-Mar-14	17-Mar-14	Inspecting steel reinforcement and formwork for the walls of the inlet and outlet chamber prior to casting.	IRD/BV	17-Mar-14	A		
IR-05-URR-25-A	17-Mar-14	17-Mar-14	Inspecting steel reinforcement and formwork prior to casting for the section of the walls where is highlighted in green color.	IRD/BV	17-Mar-14	A		
IR-05-URR-26-A	23-Mar-14	23-Mar-14	Inspecting steel reinforcement and formwork for the slab of inlet and outlet chamber prior to casting concrete.	IRD/BV	23-Mar-14	C		
IR-05-URR-27-A	23-Mar-14	23-Mar-14	Inspecting steel reinforcement and formwork prior to casting concrete for the section of the boundary wall where is highlighted in green color.	IRD/BV	23-Mar-14	D		

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No.	Request Date	Date Inspection Required	Description of Works Inspected	Sender/ Recipient	1st Inspection		2nd Inspection	
					Response Date	Grade	Response Date	Grade
IR-05-URN-30-A	15-Mar-14	16-Mar-14	Inspecting the safety and traffic arrangement in order to start excavation, installation and backfilling for the 2" pipeline and house connections along the water line listed below: <input type="checkbox"/> Zone (3)- line (UR2-35) from station 0+260 to 0+440.	IRD/BV	16-Mar-14	A		
IR-05-URN-31-A	16-Mar-14	16-Mar-14	Inspecting the safety and traffic arrangement in order to start excavation, installation and connection for Air Release Valve listed below: <input type="checkbox"/> Zone (1+2) -A2-001 at line (UR3-03)	IRD/BV	18-Mar-14	A		
IR-05-URN-32-A	22-Mar-14	22-Mar-14	Monitoring flushing test along the line listed below: <input type="checkbox"/> Zone (1) -along line (UR2-31-1).	IRD/BV	23-Mar-14	A		
IR-05-URN-33-A	23-Mar-14	23-Mar-14	Monitoring flushing prior to pressure test for the water lines listed below: • Zone (2) - line (UR2-18). • Zone (2) - line (UR2-23). • Zone (2) - line (UR2-19). • Zone (2) - line (UR2-24). • Zone (2) - line (UR2-20). • Zone (2) - line (UR2-26). • Zone (2) - line (UR2-21). • Zone (2) - line (UR2-27). • Zone (2) - line (UR2-22). • Zone (2) - line (UR2-28).	IRD/BV	24-Mar-14	A		
IR-05-URN-34-A	25-Mar-14	25-Mar-14	Monitoring the flushing prior to pressure test for listed water lines listed below: <input type="checkbox"/> Zone (2) -line (UR2-15). <input type="checkbox"/> Zone (2) -line (UR2-52). <input type="checkbox"/> Zone (2) -line (UR1.5-18-1). <input type="checkbox"/> Zone (2) -line (UR1.5-27-1).	IRD/BV	26-Mar-14	A		

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Southwest Nablus Villages Water Supply

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No.	Request Date	Date Inspection Required	Description of Works Inspected	Sender/ Recipient	1st Inspection		2nd Inspection	
					Response Date	Grade	Response Date	Grade
IR-05-URN-35-A	25-Mar-14	25-Mar-14	Monitoring the pressure test for listed water lines listed below: <input type="checkbox"/> Zone (2) -line (UR2-15). <input type="checkbox"/> Zone (2) -line (UR2-31-1).	IRD/BV	26-Mar-14	A		
IR-05-SWT-44-A	3-Mar-14	3-Mar-14	Spraying MC and applying first layer of asphalt wearing course 5 cm thick from station 4+467 to 4+577.2	IRD/BV	6-Mar-14	C		
IR-05-SWT-45-A	3-Mar-14	3-Mar-14	Spraying MC and applying first layer of asphalt wearing course 5 cm thick from station 3+858 to 4+174.	IRD/BV	10-Mar-14	C		
IR-05-SWT-46-A	9-Mar-14	9-Mar-14	Inspection for the field compaction test along main transmission pipeline from station (3+859.5) to (3+399).	IRD/BV	10-Mar-14	A		
IR-05-SWT-47-A	9-Mar-14	9-Mar-14	Spraying MC and applying first layer of asphalt wearing course 5 cm thick along main transmission pipeline from station (3+859.5) to (3+399).	IRD/BV	16-Mar-14	C		
IR-05-SWT-48-A	15-Mar-14	15-Mar-14	Inspecting the safety and traffic arrangement in order to start excavation, installation for the 6" pipeline along the main transmission line from station 7+300 to 7+400.	IRD/BV	16-Mar-14	C		

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No.	Request Date	Date Inspection Required	Description of Works Inspected	Sender/ Recipient	1st Inspection		2nd Inspection	
					Response Date	Grade	Response Date	Grade
IR-05-SWT-49-A	16-Mar-14	16-Mar-14	Inspecting the safety and traffic arrangement in order to connecting the following ARV chambers listed below: <input type="checkbox"/> A.R.V-10 at station 5+536.59 <input type="checkbox"/> A.R.V-11 at station 5+686.55 <input type="checkbox"/> A.R.V-12 at station 6+820.45	IRD/BV	18-Mar-14	C		
IR-05-SWT-50-A	17-Mar-14	17-Mar-14	Inspecting steel reinforcement for the walls of the Flow Monitoring Chamber at Bureen existing main pipeline 10"	IRD/BV	20-Mar-14	C		
IR-05-SWT-51-A	20-Mar-14	20-Mar-14	Inspecting for casting the walls of the Bureen Flow Monitoring Chamber at existing main pipeline 6"	IRD/BV	20-Mar-14	A		
IR-05-SWT-52-A	20-Mar-14	20-Mar-14	Inspecting the safety and traffic arrangement in order to start excavation for the Bureen Flow Monitoring Chamber at existing main pipeline 10"	IRD/BV	24-Mar-14	A		
IR-05-SWT-53-A	23-Mar-14	23-Mar-14	Inspection for the field compaction test along main transmission pipeline from station (2+730) to (3+190).	IRD/BV	24-Mar-14	A		
IR-05-SWT-54-A	24-Mar-14	24-Mar-14	Inspecting the safety and traffic arrangement in order to casting the slab of the Bureen Flow Monitoring Chamber (FLM-02) at existing main pipeline 6"	IRD/BV	26-Mar-14	A		
IR-05-SWT-55-A	25-Mar-14	25-Mar-14	Spraying MC and applying first layer of asphalt wearing course 5 cm thick along main transmission pipeline from station (3+191) to (2+700).	IRD/BV	26-Mar-14	C		

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No.	Request Date	Date Inspection Required	Description of Works Inspected	Sender/ Recipient	1st Inspection		2nd Inspection	
					Response Date	Grade	Response Date	Grade
IR-05-SWT-55-B	26-Mar-14	26-Mar-14	Spraying MC and applying first layer of asphalt wearing course 5 cm thick along main transmission pipeline from station (3+191) to (2+700).		26-Mar-14	A		
IR-05-SWT-56-A	25-Mar-14	25-Mar-14	Inspecting the safety and traffic arrangement in order to start excavation, installation and backfilling for the following manholes listed below: <input type="checkbox"/> ARV-200mm-T-A80mm-06 at station 2+816.19 <input type="checkbox"/> W-150mm-T-W100mm-08 at station 6+416.07 <input type="checkbox"/> W-150mm-T-W100mm-09 at station 7+239.83	IRD/BV	26-Mar-14	A		
IR-05-SWT-57-A	25-Mar-14	25-Mar-14	Inspecting the safety and traffic arrangement in order to start installation of Gate Valve, Air Release Valve and Dismantling Joints inside the manholes along main transmission line from station 0+000 to 7+000.	IRD/BV	26-Mar-14	C		

SWT 19.6 Submittals Log

DISCLAIMER:

The author's views expressed in this publication do not necessarily reflect the views of the United States Agency for International Development or the United States Government.

Submittal Categories	Submittal Classification	Identifiers:	Resubmittal Alpha Identifier	Submittal Disposition/ Color Coding
PD PRODUCT DATA	PCS Preconstruction	SWN : Task Order No 05 Identifier-Southwest Nablus Project	First Submittal SUB-05-SWN-001-A	A - No Exceptions Noted
SD SHOP DRAWINGS	CONS Construction	SWT : Project 1 Identifier-Southwest Nablus Transmission Line	First RE-Submittal SUB-05-SWN-001-B	B - Make Corrections Noted
AD ADMINISTRATIVE/OTHER	PSTS Post construction	MDR Madama Reservior	Second Resubmittal SUB-05-SWN-001-C	C- Amend and Resubmit
TR TEST REPORT		AQR Asira Al Qibliya Reservior		D- Rejected- Resubmit
SCH SCHEDULE		URR Unif Reservior		E- Review Not Required
RPT REPORT		MDN Madama Network		Submitted Pending Response
SMP SAMPLE		AQN Asira Al Qibliya Network		
CO COMPLETION & CLOSEOUT		URN Unif Network		
MAT MATERIAL		ZWN : Project 2 Identifier-Az Zawieh Network		

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
Submittal Number	Submittal Description	Specification Number	Submittal Category	Submittal Classification	Submittal Type	Project Identifier	Schedule Activity ID	BOQ Item No.	Rev.	Contractual Submission Date	Planned Submission Date to ENGINEER	Actual Submission Date	Submission Delay	Response Needed by (Max. 21 days)	Date Returned to IRD	Total Engineer Response Time	Submittal Disposition (Grade)	Remarks
SUB-13-00005-SWN-286-C	Revised Original CPM Schedule	Contractor's manual , Sec. 4.1	AD	CONS	SUB	SWN	PCS-SWN-250	MOB	C			31-Mar-14		30-Apr-14				
SUB-13-00005-SWN-324-B	Shop Drawings for Reservoirs Galvanized Hand Rails	Standard Details, Details No: S-515	AD	CONS	SUB	SWN		MOB	A			4-Mar-14		3-Apr-14	8-Mar-14	4	C	
SUB-13-00005-URR-327-B	Civil Shop Drawing for Inlet and Outlet Chamber at Unif Reservoir Alternative as per RFI-13-00005-SWN-C-E-012	01300-Paragraph: 1.3	AD	CONS	SUB	URR		MOB	B			15-Mar-14		14-Apr-14				
SUB-13-00005-URR-327-B	Civil Shop Drawing for Inlet and Outlet Chamber at Unif Reservoir Alternative as per RFI-13-00005-SWN-C-E-012	01300-Paragraph: 1.3	AD	CONS	SUB	URR		MOB	B			17-Mar-14		16-Apr-14	17-Mar-14	0	B	
SUB-13-00005-SWN-337-A	Shop Drawing for Reservoir Galvanized External Ladder	01300-Paragraph: 1.3	AD	CONS	SUB	SWN		MOB	A			9-Mar-14		8-Apr-14	11-Mar-14	2	C	
SUB-13-00005-SWN-338-A	Vending Station		AD	CONS	SUB	SWN		MOB	A			9-Mar-14		8-Apr-14	11-Mar-14	2	B	
SUB-13-00005-SWN-339-A	Prepaid Water Meter System Recommended Spare Parts		AD	CONS	SUB	SWN		MOB	A			9-Mar-14		8-Apr-14	11-Mar-14	2	B	
SUB-13-00005-URR-340-A	Electrical Shop Drawing for Unif Reservoir	01300-Paragraph: 1.3	AD	CONS	SUB	URR		MOB	A			9-Mar-14		8-Apr-14	11-Mar-14	2	B	
SUB-13-00005-MDR-341-A	Electrical Shop Drawing for Madama Reservoir		AD	CONS	SUB	MDR		MOB	A			9-Mar-14		8-Apr-14	11-Mar-14	2	C	
SUB-13-00005-SWN-344-A	Updated Submittal Register Log up to February 28, 2014		AD	CONS	SUB	SWN		MOB	A			11-Mar-14		10-Apr-14	13-Mar-14	2	A	
SUB-13-00005-SWN-345-A	Bare Standard Copper Conductors	16120-Paragraph: 2.1A	AD	CONS	SUB	SWN		MOB	A			15-Mar-14		14-Apr-14	16-Mar-14	1	B	
SUB-13-00005-SWN-346-A	Lighting Luminaires	16500-Paragraph: 1.3 B.2g	AD	CONS	SUB	SWN		MOB	A			15-Mar-14		14-Apr-14	16-Mar-14	1	C	
SUB-13-00005-SWN-347-A	Electrical Conduits for Reservoirs Sites	16450	AD	CONS	SUB	SWN		MOB	A			15-Mar-14		14-Apr-14	16-Mar-14	1	D	
SUB-13-00005-SWN-348-A	Earthing Materials (Ground Rods and Cable Clamps)	16450-Paragraphs: 2.2C & 3.1Q	AD	CONS	SUB	SWN		MOB	A			15-Mar-14		14-Apr-14	16-Mar-14	1	B	
SUB-13-00005-SWN-349-A	Method Statement for Treatment of Reservoir Construction Joints by Using Thioflex 600	Section 03700	AD	CONS	SUB	SWN	CS-940	MOB	A			18-Mar-14		17-Apr-14	19-Mar-14	1	B	
SUB-13-00005-SWN-350-A	QA/QC Plan Monthly Update up to February 28, 2014	01400, Basic IQC Contract, Section C.9.5	AD	CONS	SUB	SWN		MOB	A			20-Mar-14		19-Apr-14	27-Mar-14	7	A	
SUB-13-00005-URN-351-A	RT Test Results Report for 3" and 6" Welded Joints - URN	02570-Paragraph: 3.3 E-1	AD	CONS	SUB	URN		MOB	A			20-Mar-14		19-Apr-14	25-Mar-14	5	A	
SUB-13-00005-SWN-354-A	Precast Chambers – Addasi Company	02490, Paragraph: 2.1A	AD	CONS	SUB	SWN	CS-510	MOB	A			31-Mar-14		30-Apr-14				

SWT 19.7 Requests for Information Log

DISCLAIMER:

The author's views expressed in this publication do not necessarily reflect the views of the United States Agency for International Development or the United States Government.

Task Order: AID - 294 - TO - 13 - 00005

Project: Southwest Nablus Project (SWN)

NOA: 10-Apr-13

Request for Information Log

RFI No.	Subject of RFI	BOQ item no.	Specification no.	Drawing no.	Date Submitted to Engineer	Response Date from Engineer	No. of Days for Engineer Response	Status	Engineer Response	Potential Change Order
RFI-13-00005-SWN-C-E-014	Size of the Prepaid Water Meter		Section 02641		10-Mar-14	19-Mar-14	9		"Contractor to provide 3/4" water meter in accordance with specifications requirements'	

SWT 19.8 Variation Order Request and Variation Order Log

DISCLAIMER:

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VOR no.	Date	Revision Date	Time Modification	Modification Cost (\$)	Reference			Subject	Status	VO no.
					Shop Drawings/ Submittal/ Specifications	BOQ Item no.	RFI/ Other			
VOR-05-SWN-015-C	17-Mar-14		-	\$90,785.94	1. Original Detail GC-2 2. Approved Shop Drawing D-01		1. Site Memo E-C # 018 2. Calculation and Price Sheet 3. Supporting documents 4. E-mail dated January 29, 2014 5. response on pervious VOR dated March 9, 2014	Replacing the propeller flow to GSM/GPRS remotely monitored Electro-Magnetic flow meters with all features and associated works as specified and described in the modified drawings.		

Variation Order /VO Log

VO	Date	Status	Subject	USAID Approval Date	Original Task Order Amount			Previous Task Order Amount			Revised Task Order Amount			Variation Order Change to Day Work	Project Name	Project ID	Original Contract Duration	Previous VO Time Extension	VO Time Extension	Original Completion Date	Revised Completion Date
					BOQ	Day Work	Total	BOQ	Day Work	Total	BOQ	Day Work	Total								
VO-13-00005-SWN-005	20-Mar-14	Signed	1- Replace the propeller flow meter in SWT & Networks chambers to GSM/GPRS Remotely Monitored Electromagnetic Flow Meters. 2- Change in the requirements of reservoirs interior coating. 3- New Drainage System. 4- Additional Safety Features at Az Zawieh Network.	21-Mar-14	\$ 9,471,709.45	\$ 500,000.00	\$ 9,971,709.45	\$ 9,339,031.57	\$ 632,677.43	\$ 9,971,709.00	\$ 9,463,396.09	\$ 508,312.91	\$ 9,971,709.00	\$ 124,364.52	P1-Southwest Nablus Projects	SWT	450	0	30	16-Jul-14	15-Aug-14
															P2-Az Zawieh Project	ZWN	300	35	8	23-Mar-14	31-Mar-14
VO-13-00005-SWN-006	27-Mar-14	Signed	Final Definitive Quantities for Project 2	31-Mar-14	\$ 9,471,709.45	\$ 500,000.00	\$ 9,971,709.45	\$ 9,463,396.09	\$ 508,312.91	\$ 9,971,709.00	\$ 9,458,595.02	\$ 513,113.98	\$ 9,971,709.00	\$ (4,801.07)	P1-Southwest Nablus Projects	SWT	450	30	0	16-Jul-14	15-Aug-14
															P2-Az Zawieh Project	ZWN	300	43	0	23-Mar-14	31-Mar-14

SWT 19.9 Employment Generated Data

DISCLAIMER:

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**USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM
CONTRACT NO. AID-294-I-00-08-00217
TASK ORDER NO. AID-294-TO-13-00005
Southwest Nablus Project-SWN**

Temporay Job Days Report

Task Order Name: Southwest Nablus Project
Sub-project or Activity Name: Project 1- Southwest Nablus Transmission
CONTRACTOR: IRD
SUBCONTRACTOR(s): Arab Brothers Company

DATE	Site Staff Job Days **																												
	Worker/Classification (Hours)																					Man-days*							
	Management				Engineers							Skilled labor			Unskilled labor		Other							Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Manager #1, #2, etc	Project Engineer	Scheduler	Safety Engineer	Site Engineer	Surveying Engineer	Office Engineer	Quality Control Engineer	Foreman	Skilled Labor	Equipment Operator	Flagman	Unskilled Labor	Others	PCO	CWI	Welders	Assistant CWI	Carpenter	Welders Helpers						Steel Fixer
March 1, 2014	8	8	8	16			23	8	8	6	24	200	122	32	96		7	8	8			8	40	5	5.625	43.25	16	8.875	
March 2, 2014	8	8	8	16			23	8	8	6	24	128	130	32	112		7	8	8			8	64	5	5.625	35.25	18	11.88	
March 3, 2014	8	8	8	16			15	8	8	6	16	80	100	32	56		7	8	8			8	64	5	4.625	24.5	11	10.88	
March 4, 2014	8	8	8	16			23	8	8	6	24	128	132	32	72		7	8	16			16	32	5	5.625	35.5	13	9.875	
March 5, 2014	8	8	8	16			15	8	8	6	24	144	102	32	112		7		8			8	48	5	4.625	33.75	18	8.875	
March 6, 2014	8	8	8	16			22	8	8	6	16	119	64	32	108		7	8	8			8	48	5	5.5	24.88	17.5	9.875	
March 7, 2014																								0	0	0	0	0	
March 8, 2014	8	8	8	16			15	8	8	6	16	120	130	32	128		7	8	8			8	32	5	4.625	33.25	20	7.875	
March 9, 2014	8	8		16			15	8	8	6	16	56	104	32	80		7		8			8	48	4	4.625	22	14	8.875	
March 10, 2014	8			8			15	8	8	6	16	24	52	16	40		7						2	4.625	11.5	7	0.875		
March 11, 2014	8	8		16			15	8	8	6	16	40	60	16	72		7	8	8			8	24	4	4.625	14.5	11	6.875	
March 12, 2014	8	8		16			15	8	8	6	16	24	4	16	56		7						4	4.625	5.5	9	0.875		
March 13, 2014	8	8		16			16	8	8	2							7						4	4.25	0	0	0.875		
March 14, 2014	Weekend holiday																												
March 15, 2014	8	8		12			16	8	8	6		40	24	16	64		7	8					24	3.5	4.75	8	10	4.875	
March 16, 2014	8	8		16			24	8	8	6		64	88	24	96		7	8	8			8	24	4	5.75	19	15	6.875	
March 17, 2014	8	8		16			24	8	8	6		64	87	24	128		7	8	8			8	24	4	5.75	18.88	19	6.875	
March 18, 2014	8	8		16			16	8	8	6	8	80	92	32	144		7		8			8	24	4	4.75	22.5	22	5.875	
March 19, 2014	8	8		17			24	8				64	64	24	80		7					24	4.125	4	16	13	3.875		
March 20, 2014	8	8		17			24	8				64	79	32	56		7	8	8			8	24	4.125	4	17.88	11	6.875	
March 21, 2014	Weekend holiday																												
March 22, 2014	8	8		17			24	8	8			56	71	24	80		7	8	8			8	16	4.125	5	15.88	13	5.875	
March 23, 2014	8	8		17			32	8	8			56	85	24	32		7		8			8		4.125	6	17.63	7	2.875	
March 24, 2014	8	8		17			24	8	8			56	85	24	88		7		8			8		4.125	5	17.63	14	2.875	
March 25, 2014	8	8		17			32	8	8			56	94	24	80		7		8			8		4.125	6	18.75	13	2.875	
March 26, 2014	8	8		17			32	8	8			48	109	24	80		7		8			8		4.125	6	19.63	13	2.875	
March 27, 2014	8	8		17			32	8	8			64	75	24	80		7		8			8		4.125	6	17.38	13	2.875	
March 28, 2014	Weekend holiday																												
March 29, 2014	8	8		17			24	8	8		8	40	73	24	56		7	8	8			8		4.125	5	15.13	10	3.875	
March 30, 2014	8	8		17			24	8			8	56	62	24	80		7		8			8		4.125	4	15.75	13	2.875	
March 31, 2014	8	8		17			24	8			8	48	64	24	64		7		8			8		4.125	4	15	11	2.875	
Total of Month	192	184	56	380	0	0	0	516	192	176	92	216	1775	1953	600	1940	0	168	88	160	0	0	160	560	113.875	135	538.9	351.5	151.6

USAID WEST BANK/ GAZA
 INFRASTRUCTURE NEEDS PROGRAM
 CONTRACT NO. AID-294-I-00-08-00217
 TASK ORDER NO. AID-294-TO-13-00005
 Southwest Nablus Project-SWN

Temporay Job Days Summary Report

Task Order Name: Southwest Nablus Project PERIOD FROM:
 Sub-project or Activity Name: Project 1- Southwest Nablus Transmission PERIOD TO:
 CONTRACTOR: IRD

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Notes of Comments
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other			
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	8	2	0	0	0	10	0	
May	2013	83	40	16	24	13	176	7	
June	2013	128	78	128	79	53	465	20	
July	2013	122	155	421	329	79	1105	46	
August	2013	113	126	503	445	81	1267	53	
September	2013	132	213	875	905	150	2275	96	
Total of FY 2013							5298	222.6234244	
October	2013	96	187	589	470	97	1439	60	
November	2013	104	138	465	332	106	1145	48	
December	2013	71	114	323	249	88	844	35	
January	2014	90	111	271	153	94	718	30	
February	2014	119	126	574	373	114	1306	55	
March	2014	114	135	539	352	152	1291	54	
April	2014						0	0	
May	2014						0	0	
June	2014						0	0	
July	2014						0	0	
August	2014						0	0	
September	2014						0	0	
Total of FY 2014							6744	283.3718487	
October	2014						0	0	
November	2014						0	0	
December	2014						0	0	
January	2015						0	0	
February	2015						0	0	
March	2015						0	0	
April	2015						0	0	
May	2015						0	0	
June	2015						0	0	
July	2015						0	0	
August	2015						0	0	
September	2015						0	0	
Total of FY 2015							0	0	

SWT 19.10 QC Testing Log

DISCLAIMER:

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Testing LOG

USAID Contract No. AID -294-I-TO-00- 08 - 00217

Project: **Project 1: Southwest Nablus Villages Network**

Current Date: 31/03/2014

Submittal Number	Rev.	Material Tested	Project Identifier	Date Sent to Engineer	Date Returned to IRD	Submittal Disposition	Total Engineer Response Time	Testing Lab	Report No.	Sample Date	Test Type	Location/ Station	Limits/ Specifications	Lab Results (Approved/ Resubmit)
TEST-05-SWT-31-A	A	Asphalt	SWT	24-Mar-14	26-Mar-14	A	2	Building Center	AS/TBM/14053	23-Feb-14	Bituminous Paving Mixture	SWT (4+400 to 4+650)	Section 02460	Approved
TEST-05-SWT-32-A	A	Asphalt	SWT	9-Mar-14	19-Mar-14	A	10	Building Center	AS/TBM/14051	22-Feb-14	Bituminous Paving Mixture	SWT (4+100)	Section 02460	Approved
TEST-05-SWT-33-A	A	Asphalt	SWT	9-Mar-14	19-Mar-14	A	10	Building Center	AS/TBM/14048	17-Feb-14	Bituminous Paving Mixture	SWT (4+560 to 4+960)	Section 02460	Approved
TEST-05-SWT-34-A	A	Single Size Aggregate	SWT	9-Mar-14	12-Mar-14	A	3	Building Center	BM/QC/14037	24-Feb-14	Single Size Aggregate	SWT 6"	Section 02200	Approved
TEST-05-SWT-35-A	A	Bedding (somsom)	SWT	9-Mar-14	12-Mar-14	A	3	Building Center	BM/QC/14039	24-Feb-14	Bedding (somsom)	SWT 6"	Section 02200	Approved
TEST-05-SWT-36-A	A	Base Course	SWT	9-Mar-14	12-Mar-14	A	3	Building Center	ST/14044	13-Feb-14	Base Course	SWT (4+200 to 4+670)	Section 02200	Approved
TEST-05-SWT-37-A	A	Base Course	SWT	12-Mar-14	18-Mar-14	B	6	Building Center	ST/FDI/14065	13-Feb-14	Field Density Compaction Test	SWT (4+260 to 4+480)	Section 02200	Approved
TEST-05-SWT-38-A	A	Asphalt	SWT	12-Mar-14	19-Mar-14	A	7	Building Center	AS/TBM/14049	20-Feb-14	Bituminous Paving Mixture	SWT	Section 02460	Approved
TEST-05-SWT-39-A	A	Concrete	SWT	24-Mar-14	26-Mar-14	A	2	Building Center	BM/CT/14296	8-Mar-14	Concrete Compressive Strength at 7 days of age	FMV - Bureen	Section 03300	Approved
TEST-05-SWT-40-A	A	Base Course	SWT	24-Mar-14	26-Mar-14	A	2	Building Center	ST/FDI/14094	3-Mar-14	Field Density Compaction Test	SWT (3+000 to 3+850)	Section 02200	Approved
TEST-05-SWT-41-A	A	Base Course	SWT	24-Mar-14	26-Mar-14	A	2	Building Center	ST/14066	3-Mar-14	Base Course	SWT (3+500 to 4+000)	Section 02201	Approved
TEST-05-SWT-42-A	A	Base Course	SWT	25-Mar-14	26-Mar-14	A	1	Building Center	ST/14067	26-Feb-14	Base Course	SWT (3+500 to 4+000)	Section 02200	Approved
TEST-05-SWT-43-A	A	Base Course	SWT	25-Mar-14	26-Mar-14	A	1	Building Center	ST/14073	24-Feb-14	Base Course	SWT 6"	Section 02200	Approved
TEST-05-SWT-44-A	A	Base Course	SWT	25-Mar-14	26-Mar-14	A	1	Building Center	ST/14075	3-Mar-14	Base Course	SWT (3+000 to 3+850)	Section 02200	Approved
TEST-05-AQN-10-A	A	Base Course	AQN	12-Mar-14	19-Mar-14	A	7	Building Center	ST/FD/14077	22-Feb-14	Field Density Compaction Test	AQN (3+950 to 4+140)	Section 02200	Approved
TEST-05-AQN-11-A	A	Base Course	AQN	12-Mar-14	17-Mar-14	A	5	Building Center	ST/14055	22-Feb-14	Base Course	AQN (3+930 to 4+150)	Section 02200	Approved
TEST-05-AQN-12-A	A	Concrete	AQN	24-Mar-14	29-Mar-14	A	5	Building Center	BM/CT/14315	12-Mar-14	Concrete Compressive Strength at 7 days of age	Asira Al Qibliya Network	Section 03300	Approved
TEST-05-AQN-13-A	A	Concrete	AQN	24-Mar-14	26-Mar-14	A	2	Building Center	BM/CT/14232	19-Feb-14	Concrete Compressive Strength at 28 days of age	Wall of PRV	Section 03300	Approved
TEST-05-MDN-12-A	A	Reinforcement Steel Bars	MDN	12-Mar-14	17-Mar-14	A	5	Building Center	BM/STL/14013	13-Feb-14	Reinforcement Steel Bars	Madama Network	Section 03200	Approved
TEST-05-MDN-13-A	A	Concrete	MDN	24-Mar-14	26-Mar-14	A	2	Building Center	BM/CT/14195	12-Feb-14	Concrete Compressive Strength at 28 days of age	Base of Madama old bridge	Section 03300	Approved
TEST-05-MDN-14-A	A	Concrete	MDN	24-Mar-14	26-Mar-14	A	2	Building Center	BM/CT/14202	15-Feb-14	Concrete Compressive Strength at 28 days of age	Footing of PRV No. 4	Section 03300	Approved
TEST-05-MDN-15-A	A	Concrete	MDN	24-Mar-14	26-Mar-14	A	2	Building Center	BM/CT/14253	26-Feb-14	Concrete Compressive Strength at 7 days of age	Footing of PRV 3"	Section 03300	Approved

Testing LOG

USAID Contract No. AID -294-I-TO-00- 08 - 00217

Project: **Project 1: Southwest Nablus Villages Network**

Current Date: 31/03/2014

Submittal Number	Rev.	Material Tested	Project Identifier	Date Sent to Engineer	Date Returned to IRD	Submittal Disposition	Total Engineer Response Time	Testing Lab	Report No.	Sample Date	Test Type	Location/ Station	Limits/ Specifications	Lab Results (Approved/ Resubmit)
TEST-05-MDN-16-A	A	Concrete	MDN	24-Mar-14	26-Mar-14	A	2	Building Center	BM/CT/1478	4-Mar-14	Concrete Compressive Strength at 7 days of age	Walls & slab of PRV 3"	Section 03300	Approved
TEST-05-MDN-17-A	A	Concrete	MDN	24-Mar-14	26-Mar-14	A	2	Building Center	BM/CT/14303	9-Mar-14	Concrete Compressive Strength at 7 days of age	Sidewalks of street (M2-26)	Section 03300	Approved
TEST-05-MDN-18-A	A	Base Course	MDN	25-Mar-14	26-Mar-14	A	1	Building Center	ST/FD/14102	6-Mar-14	Field Density Compaction Test	M2-26 & M2-25	Section 02200	Approved
TEST-05-MDN-19-A	A	Base Course	MDN	25-Mar-14	26-Mar-14	B	1	Building Center	ST/FD/14105	8-Mar-14	Field Density Compaction Test	M2-26	Section 02200	Approved
TEST-05-MDN-20-A	A	Base Course	MDN	25-Mar-14	26-Mar-14	A	1	Building Center	ST/14079	6-Mar-14	Base Course	M2-26 & M2-25	Section 02200	Approved
TEST-05-MDN-21-A	A	Base Course	MDN	25-Mar-14	26-Mar-14	A	1	Building Center	ST/14082	8-Mar-14	Base Course	M2-26 (0+000 to 0+580)	Section 02200	Approved
TEST-05-MDN-22-A	A	Reinforcement Steel Bars	MDN	25-Mar-14	26-Mar-14	A	1	Building Center	BM/STL/14018	24-Feb-14	Reinforcement Steel Bars	PRV	Section 03200	Approved
TEST-05-MDR-31-A	A	Concrete	MDR	24-Mar-14	26-Mar-14	A	2	Building Center	BM/CT/14223	22-Feb-14	Concrete Compressive Strength at 7 days of age	Madama Reservoir	Section 03300	Approved
TEST-05-MDR-32-A	A	Concrete	MDR	24-Mar-14	26-Mar-14	A	2	Building Center	BM/CT/14239	24-Feb-14	Concrete Compressive Strength at 7 days of age	Madama Reservoir	Section 03300	Approved
TEST-05-MDR-33-A	A	Concrete	MDR	24-Mar-14	26-Mar-14	A	2	Building Center	BM/CT/14265	2-Mar-14	Concrete Compressive Strength at 7 days of age	Madama Reservoir	Section 03300	Approved
TEST-05-MDR-34-A	A	Reinforcement Steel Bars	MDR	24-Mar-14	26-Mar-14	A	2	Building Center	BM/STL/14017	24-Feb-14	Reinforcement Steel Bars	Madama Reservoir	Section 03200	Approved
TEST-05-URR-22-A	A	Concrete	URR	24-Mar-14	26-Mar-14	A	2	Building Center	BM/CT/14277	4-Mar-14	Concrete Compressive Strength at 7 days of age	Urif Reservoir	Section 03300	Approved
TEST-05-URR-23-A	A	Concrete	URR	24-Mar-14	26-Mar-14	A	2	Building Center	BM/CT/14297	8-Mar-14	Concrete Compressive Strength at 7 days of age	Urif Reservoir	Section 03300	Approved
TEST-05-URR-24-A	A	Reinforcement Steel Bars	URR	26-Mar-14	29-Mar-14	A	3	Building Center	BM/STL/14016	26-Feb-14	Reinforcement Steel Bars	Urif Reservoir	Section 03200	Approved
TEST-05-URR-25-A	A	Concrete	URR	26-Mar-14	29-Mar-14	A	3	Hijjawi Constructions Labs	M/1403/189	17-Mar-14	Concrete Compressive Strength at 7 days of age	Urif Reservoir	Section 03300	Approved
TEST-05-URR-26-A	A	Reinforcement Steel Bars	URR	26-Mar-14	29-Mar-14	A	3	Building Center	BM/STL/14016	26-Feb-14	Reinforcement Steel Bars	Urif Reservoir	Section 03200	Approved

CONSTRUCTION MONTHLY PROGRESS REPORT

REPORTING PERIOD:

March 01- March 31, 2014

ATTACHMENTS

PROJECT 2-AZ ZAWIEH NETWORK PROJECT (ZWN)

DISCLAIMER:

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2. Attachments

- ZWN 19.1 Updated Schedule- Roll-up
- ZWN 19.2 “S” Curve
- ZWN 19.3 Site Memos Log
- ZWN 19.4 Material or Equipment Delivered to Site
- ZWN 19.5 Inspection Requests Log
- ZWN 19.6 Submittals Log
- ZWN 19.7 Requests for Information Log
- ZWN 19.8 Variation Order Request and Variation Order Log
- ZWN 19.9 Employment Generated Data
- ZWN 19.10 QC Testing Log

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.....ZWN 19.1 Updated Schedule- Roll-up

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AID-294-TO-13-00005 SOUTHWEST NABLUS VILLAGES WATER



01-Apr-14

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Actual Start	Actual Finish	Total Float	Qtr 2, 2013		Qtr 3, 2013			Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014						
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
Total		396	01-Apr-14	16-Aug-14	23-Apr-13		0																								
AID-294-TO-13-00005 SOUTHWEST NABLUS VILLAGES WATER SUPPLY&ALZAWAY		396	01-Apr-14	16-Aug-14	23-Apr-13		0																								
Milestones		396	01-Apr-14	16-Aug-14	23-Apr-13		0																								
General Milestones		396	01-Apr-14	16-Aug-14	23-Apr-13		0																								
Intermediate Milestones		332	05-Apr-14	01-Jul-14	15-Jun-13		5																								
Coordination With Local&Israeli Authorities Prior to Execution Phase		36			23-Apr-13	03-Jun-13																									
Submittals		371	01-Apr-14	16-Jul-14	28-Apr-13		0																								
Pre Construction Submittals		138			28-Apr-13	11-Sep-13																									
Construction Submittals		306	01-Apr-14	12-May-14	15-May-13		41																								
Material Submittals		288	01-Apr-14	03-May-14	15-May-13		8																								
Civil		284			28-May-13	09-Mar-14																									
Electrical & Instrumentation		261	01-Apr-14	03-May-14	24-Jun-13		8																								
Mechanical		286			15-May-13	13-Mar-14																									
Shop Drawings		306	01-Apr-14	12-May-14	16-May-13		41																								
Mechanical		222			16-May-13	04-Nov-13																									
Civil		306	01-Apr-14	12-May-14	16-May-13		41																								
Electrical		282	01-Apr-14	08-May-14	29-May-13		35																								
Methods Statement		288			18-May-13	16-Feb-14																									
Civil		288			18-May-13	16-Feb-14																									
Post Construction Submittals		5	12-Jul-14	16-Jul-14			0																								
Project 1: Southwest Nablus Villages Water Supply		377	01-Apr-14	15-Aug-14	16-May-13		0																								
Mobilization		6			18-May-13	17-Jun-13																									
Procurement		308	01-Apr-14	26-May-14	16-May-13		69																								
Reservoirs Execution Phase		299	01-Apr-14	29-Jun-14	19-Jun-13		41																								
Madama Reservoir 500 m3		292	01-Apr-14	28-Jun-14	24-Jun-13		41																								
VO#1		3			24-Jul-13	25-Jul-13																									
Retaining Walls 7 Expansion Joints Total Length = 76.6 L.M.		220	01-Apr-14	06-Apr-14	08-Jul-13		113																								
Retaining Walls (ST1,ST2) Expansion Joint 1 Length = 25.66 L.M.		119	01-Apr-14	02-Apr-14	08-Jul-13		116																								
Civil & Structural Works		119	01-Apr-14	02-Apr-14	08-Jul-13		116																								
Retaining Walls (ST2,ST3) Expansion Joint 2 Length = 20.36 L.M.		123	01-Apr-14	02-Apr-14	10-Jul-13		8																								
Civil & Structural Works		123	01-Apr-14	02-Apr-14	10-Jul-13		8																								
Retaining Walls (ST3,ST4) Expansion Joint 3 Length = 24.01 L.M.		118	02-Apr-14	05-Apr-14	15-Nov-13		8																								
Civil & Structural Works		118	02-Apr-14	05-Apr-14	15-Nov-13		8																								
Retaining Walls (ST4,ST1) Expansion Joint 4 Length = 20.60 L.M.		214	05-Apr-14	06-Apr-14	08-Jul-13		8																								
Civil & Structural Works		214	05-Apr-14	06-Apr-14	08-Jul-13		8																								
Civil & Structural Works		174			24-Jun-13	21-Jan-14																									
Finishing Works		71	30-Apr-14	28-May-14	16-Jan-14		29																								
Metal Fabricated Works		9	19-May-14	28-May-14			29																								
External Works		258	01-Apr-14	22-Jun-14	12-Feb-14		8																								
Chambers Works		64	01-Apr-14	01-Apr-14	12-Feb-14		78																								
Mechanical Works		18	01-Apr-14	21-Apr-14	19-Mar-14		10																								
Electrical & Instrumentation Works		258	27-May-14	22-Jun-14	23-Feb-14		8																								
Yard Works		66	22-Apr-14	19-Jun-14	19-Mar-14		10																								
Test Water Tightness For Reservoir		76	01-Apr-14	28-Jun-14			8																								
Asira Al Qibliya Reservoir 500 m3		299	01-Apr-14	29-Jun-14	19-Jun-13		8																								
VO.#1		221	01-Apr-14	29-Jun-14	31-Jul-13		8																								
VO.#2		20			19-Aug-13	10-Sep-13																									
Civil & Structural Works		221			19-Jun-13	29-Jan-14																									
Finishing Works		54	01-Apr-14	01-Jun-14	10-Feb-14		26																								
Metal Fabricated Works		9	22-May-14	01-Jun-14			26																								
External Works		204	01-Apr-14	11-Jun-14	11-Sep-13		17																								
Chambers Works		74	01-Apr-14	20-May-14	17-Mar-14		36																								
Mechanical Works		18	14-Apr-14	05-May-14			8																								

- (New Bar)
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Roll Up Schedule

Date	Revision	Checked	Approved
01-Apr-14	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.Iv...	Naim Mani-Prog Direc...

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Actual Start	Actual Finish	Total Float	Qtr 2, 2013		Qtr 3, 2013		Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014		
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
	Chamber Works	67	01-Apr-14	07-Jun-14	13-Feb-14		4																			
	Structural & Civil Works	19	01-Apr-14	12-Apr-14	13-Feb-14		43																			
	Mechanical & Finishing Works	5	02-Jun-14	07-Jun-14			4																			
	Testing,Commissioning & Final Road Reinstatement Works	7	08-Jun-14	15-Jun-14			0																			
	SEG.NO.2 Trans. Main (St. 0+880 to St. 2+000) 8"	162	01-Apr-14	23-Jun-14	27-Sep-13		0																			
	Pipe Line Installation	14			27-Sep-13	08-Jan-14																				
	Chamber Works	69	01-Apr-14	09-Jun-14	21-Dec-13		3																			
	Structural & Civil Works	19	01-Apr-14	12-Apr-14	21-Dec-13		51																			
	Mechanical & Finishing Works	2	08-Jun-14	09-Jun-14			3																			
	Testing & Road Reinstatement Works	12	10-Jun-14	23-Jun-14			0																			
	SEG.NO.3 Trans. Main (St. 2+000 to St. 3+000) 8"	125	01-Apr-14	14-Jun-14	24-Nov-13		10																			
	Pipe Line Installation	14			24-Nov-13	29-Dec-13																				
	Chamber Works	65	01-Apr-14	14-Jun-14	21-Dec-13		5																			
	Structural & Civil Works	11	01-Apr-14	12-Apr-14	21-Dec-13		55																			
	Mechanical & Finishing Works	4	10-Jun-14	14-Jun-14			5																			
	Testing & Road Reinstatement Works	23	01-Apr-14	06-Apr-14	26-Mar-14		69																			
	Madama Connection Pipeline (St.0+000 to St.0+890) 4"	249	15-Jun-14	22-Jun-14	12-Sep-13		5																			
	Pipe Line Installation	2			12-Sep-13	09-Feb-14																				
	Chamber Works	78	15-Jun-14	19-Jun-14	17-Feb-14		5																			
	Structural & Civil Works	10			17-Feb-14	22-Feb-14																				
	Mechanical & Finishing Works	5	15-Jun-14	19-Jun-14			5																			
	Testing & Road Reinstatement Works	2	21-Jun-14	22-Jun-14			5																			
	SEG.NO.4 Trans. Main (St. 3+000 to St. 4+260) 8"	171	01-Apr-14	24-Jun-14	04-Nov-13		5																			
	Pipe Line Installation	14			04-Nov-13	24-Nov-13																				
	Chamber Works	69	01-Apr-14	19-Jun-14			7																			
	Structural & Civil Works	10	01-Apr-14	12-Apr-14			66																			
	Mechanical & Finishing Works	5	15-Jun-14	19-Jun-14			6																			
	Testing & Road Reinstatement Works	50	23-Jun-14	24-Jun-14	10-Dec-13		5																			
	Asira Connection Pipeline (St.0+000 to St.1+135) 4"	152	01-Apr-14	26-Jun-14	08-Oct-13		5																			
	Pipe Line Installation	14			08-Oct-13	04-Mar-14																				
	Chamber Works	78	01-Apr-14	19-Jun-14	18-Jan-14		9																			
	Structural & Civil Works	19	01-Apr-14	12-Apr-14	18-Jan-14		60																			
	Mechanical & Finishing Works	5	15-Jun-14	19-Jun-14			9																			
	Testing & Road Reinstatement Works	2	25-Jun-14	26-Jun-14			5																			
	SEG.NO.5 Trans. Main (St. 4+260 to St. 5+000) 6"	219	01-Apr-14	29-Jun-14	11-Nov-13		5																			
	Pipe Line Installation	15			11-Nov-13	05-Mar-14																				
	Chamber Works	69	01-Apr-14	19-Jun-14	21-Dec-13		8																			
	Structural & Civil Works	12	01-Apr-14	12-Apr-14	21-Dec-13		60																			
	Mechanical & Finishing Works	5	15-Jun-14	19-Jun-14			8																			
	Testing & Road Reinstatement Works	57	28-Jun-14	29-Jun-14	04-Feb-14		5																			
	SEG.NO.6 Trans. Main (St. 5+000 to St. 6+000) 6"	242	01-Apr-14	01-Jul-14	14-Aug-13		5																			
	Pipe Line Installation	10			14-Aug-13	29-Aug-13																				
	Chamber Works	74	01-Apr-14	25-Jun-14			8																			
	Structural & Civil Works	10	01-Apr-14	12-Apr-14			67																			
	Mechanical & Finishing Works	10	15-Jun-14	25-Jun-14			8																			
	Testing,Commissioning & Final Road Reinstatement Works	93	30-Jun-14	01-Jul-14	17-Nov-13		5																			
	SEG.NO.7 Trans. Main (St. 6+000 to St. 7+000) 6"	214	01-Apr-14	21-Jun-14	24-Jul-13		6																			
	Pipe Line Installation	26			24-Jul-13	22-Aug-13																				
	Chamber Works	69	01-Apr-14	19-Jun-14			6																			
	Structural & Civil Works	10	01-Apr-14	12-Apr-14			60																			
	Mechanical & Finishing Works	5	15-Jun-14	19-Jun-14			6																			
	Testing & Road Reinstatement Works	138	21-Jun-14	21-Jun-14	17-Nov-13		6																			
	SEG.NO.8 Trans. Main (St. 7+000 to St. 7+690) 6"	243	01-Apr-14	29-Jun-14	24-Jul-13		5																			
	Pipe Line Installation	12			24-Jul-13	13-Aug-13																				
	Chamber Works	15	01-Apr-14	17-Apr-14			57																			
	Structural & Civil Works	10	01-Apr-14	12-Apr-14			57																			
	Mechanical & Finishing Works	5	13-Apr-14	17-Apr-14			57																			
	Testing & Road Reinstatement Works	32	01-Apr-14	29-Jun-14	30-Nov-13		5																			
	Networks Execution Phase	301	01-Apr-14	29-Jun-14	07-Jul-13		7																			

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Roll Up Schedule

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01-Apr-14	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.Iv...	Naim Mani-Prog Direc...

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Actual Start	Actual Finish	Total Float	Qtr 2, 2013		Qtr 3, 2013			Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014		
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Zone #4																											
	2 Inches Pipelines Network	21	01-Apr-14	01-Apr-14	22-Aug-13		54																				
	WN Pipelines Installation Total Length = 255.95 L.M.,S.D.=2091.183 L.M.	3	01-Apr-14	01-Apr-14	22-Aug-13		54																				
	4,6 Inches Pipelines Network	14			08-Oct-13	04-Nov-13																					
	WN Pipelines Installation Total Length = 1368.90 L.M.,S.D.4"= 177.302,6"=1075.088	14			08-Oct-13	04-Nov-13																					
Zone #5																											
	2 Inches Pipelines Network	15	01-Apr-14	01-Apr-14	02-Sep-13		53																				
	WN Pipelines Installation Total Length = 1469.62 L.M.,S.D.=1298.561 L.M.	15	01-Apr-14	01-Apr-14	10-Sep-13		53																				
	3 Inches Pipelines Network	4	01-Apr-14	01-Apr-14	02-Sep-13		54																				
	WN Pipelines Installation Total Length = 385.95 L.M.,S.D.=237.04 L.M.	4	01-Apr-14	01-Apr-14	02-Sep-13		54																				
	House Connection Installation Works	16	01-Apr-14	09-Apr-14	10-Oct-13		46																				
	House Connection Branches Installation	16	01-Apr-14	09-Apr-14	10-Oct-13		46																				
	Chambers Works	74	01-Apr-14	08-Apr-14	10-Nov-13		15																				
	Civil Works	34	01-Apr-14	02-Apr-14	10-Nov-13		13																				
	Mechanical Works	34	01-Apr-14	08-Apr-14	10-Dec-13		15																				
	Cleaning,Flushing,Disinfection,Pressure Test,Customer Water Meter Installation&2nd Layer of Asphalt	69	01-Apr-14	29-Jun-14	20-Feb-14		7																				
	Cleaning,Flushing	19	10-Apr-14	01-May-14			7																				
	Trench Reinstatement & 1st Layer of Asphalt	30	03-May-14	05-Jun-14			7																				
	Customer Water Meter Installations	8	01-Apr-14	09-Apr-14	20-Feb-14		48																				
	Disinfection	8	10-Apr-14	19-Apr-14			48																				
	2nd Layer of Asphalt - Final Stage	20	07-Jun-14	29-Jun-14			7																				
Urif Network																											
	Apply Traffic Control Plan / Safety Measurements / Coordination With Israeli&Local Authorities	2			06-Oct-13	08-Oct-13																					
Zone #1																											
	2 Inches Pipelines Network	78	01-Apr-14	09-Apr-14	21-Jul-13		57																				
	WN Pipelines Installation Total Length = 1230.24 L.M.,S.D.=2102.161 L.M.	33	01-Apr-14	02-Apr-14	08-Oct-13		63																				
	3 Inches Pipelines Network	33	01-Apr-14	02-Apr-14	08-Oct-13		63																				
	WN Pipelines Installation Total Length = 943.38 L.M.S.D.3"=1094.4	10	01-Apr-14	09-Apr-14	21-Jul-13		57																				
	WN Pipelines Installation Total Length = 943.38 L.M.S.D.3"=1094.4	10	01-Apr-14	09-Apr-14	21-Jul-13		57																				
Zone #2																											
	2 Inches Pipelines Network	50	01-Apr-14	14-Apr-14	19-Oct-13		52																				
	WN Pipelines Installation Total Length = 3350.32 L.M.,S.D.=3236.589 L.M.	34	01-Apr-14	05-Apr-14	24-Oct-13		61																				
	WN Pipelines Installation Total Length = 3350.32 L.M.,S.D.=3236.589 L.M.	34	01-Apr-14	05-Apr-14	24-Oct-13		61																				
	3,4,6 Inches Pipelines Network	13	01-Apr-14	14-Apr-14	19-Oct-13		52																				
	WN Pipelines Installation Total Length = 1330.98 L.M.,S.D.6"=165.19, 3"=1797.285 4"=625.47 L.M.	13	01-Apr-14	14-Apr-14	19-Oct-13		52																				
Zone #3																											
	2 Inches Pipelines Network	46	01-Apr-14	03-Apr-14	27-Oct-13		61																				
	WN Pipelines Installation Total Length = 2976.46 L.M., S.D.= 1911.309	30	01-Apr-14	03-Apr-14	12-Nov-13		61																				
	WN Pipelines Installation Total Length = 2976.46 L.M., S.D.= 1911.309	30	01-Apr-14	03-Apr-14	12-Nov-13		61																				
	3 Inches Pipelines Network	24	01-Apr-14	01-Apr-14	27-Oct-13		63																				
	WN Pipelines Installation Total Length = 1175.14 L.M.	24	01-Apr-14	01-Apr-14	27-Oct-13		63																				
Zone #4																											
	2 Inches Pipelines Network	11	01-Apr-14	02-Apr-14	31-Dec-13		63																				
	WN Pipelines Installation Total Length = 1093.46 L.M.,S.D.=880.317 ,1094 L.M.	11	01-Apr-14	02-Apr-14	31-Dec-13		63																				
Zone #5																											
	2 Inches Pipelines Network	15	01-Apr-14	12-Apr-14	02-Feb-14		54																				
	WN Pipelines Installation Total Length = 1480.35 L.M.,S.D.=80 L.M.	15	01-Apr-14	02-Apr-14	02-Feb-14		63																				
	WN Pipelines Installation Total Length = 1480.35 L.M.,S.D.=80 L.M.	15	01-Apr-14	02-Apr-14	02-Feb-14		63																				
	3 Inches Pipelines Network	9	01-Apr-14	12-Apr-14			22																				
	WN Pipelines Installation Total Length = 874.36 L.M.	9	01-Apr-14	12-Apr-14			22																				
Zone #6																											
	2 Inches Pipelines Network	20	01-Apr-14	21-Apr-14	18-Feb-14		46																				
	WN Pipelines Installation Total Length = 1862,95 L.M.,S.D.=1414.036 L.M.	19	01-Apr-14	02-Apr-14	18-Feb-14		62																				
	WN Pipelines Installation Total Length = 1862,95 L.M.,S.D.=1414.036 L.M.	19	01-Apr-14	02-Apr-14	18-Feb-14		62																				
	3 Inches Pipelines Network	17	01-Apr-14	21-Apr-14			22																				
	WN Pipelines Installation Total Length = 741.84 L.M.,S.D.3"=2891.69 L.M.	17	01-Apr-14	21-Apr-14			22																				
Zone #7																											
	2 Inches Pipelines Network	23	01-Apr-14	28-Apr-14	24-Nov-13		40																				
	WN Pipelines Installation Total Length = 557.85 L.M.,S.D.=1613.181 L.M.	6	01-Apr-14	01-Apr-14	24-Nov-13		63																				
	WN Pipelines Installation Total Length = 557.85 L.M.,S.D.=1613.181 L.M.	6	01-Apr-14	01-Apr-14	24-Nov-13		63																				
	3 Inches Pipelines Network	23	01-Apr-14	28-Apr-14			22																				
	WN Pipelines Installation Total Length = 528.94 L.M.	23	01-Apr-14	28-Apr-14			22																				
Zone #8																											
	2 Inches Pipelines Network	24	01-Apr-14	02-Apr-14	02-Mar-14		62																				
	WN Pipelines Installation Total Length = 1997.91 L.M.	24	01-Apr-14	02-Apr-14	02-Mar-14		62																				

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Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Actual Start	Actual Finish	Total Float	Qtr 2, 2013		Qtr 3, 2013		Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014			
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	House Connection Installation Works	13	01-Apr-14	12-Apr-14	22-Jan-14		55																				
	House Connection Branches Installation Z1	13	01-Apr-14	12-Apr-14	22-Jan-14		55																				
	Chambers Works	59	01-Apr-14	06-May-14	21-Jan-14		33																				
	Civil Works	34	01-Apr-14	28-Apr-14	21-Jan-14		40																				
	Mechanical Works	34	01-Apr-14	06-May-14	05-Feb-14		33																				
	Cleaning,Flushing,Disinfection,Pressure Test Customer Water Meter Installation&2nd Layer of Asphalt	38	01-Apr-14	11-Jun-14	20-Feb-14		22																				
	Cleaning,Flushing	10	28-Apr-14	10-May-14			22																				
	Trench Reinstatement & 1st Layer of Asphalt	10	28-Apr-14	10-May-14			22																				
	Customer Water Meter Installations	8	01-Apr-14	03-Apr-14	20-Feb-14		54																				
	Disinfection	8	10-May-14	19-May-14			22																				
	2nd Layer of Asphalt - Final Stage	20	19-May-14	11-Jun-14			22																				
	(O&M),Inspection,Commissioning,Start Up & Training	259	01-Apr-14	15-Jul-14	01-Sep-13		0																				
	Initial Operation & Manufacturer Technical Manual Submittals (O&M)	217	01-Apr-14	27-May-14	01-Sep-13		28																				
	Certificate of Proper Installation for Installed Equipments&Installation (Pre Commissioning)	7	30-Jun-14	07-Jul-14			0																				
	Training Phase	7	30-Jun-14	07-Jul-14			0																				
	Commissioning & Start Up Phase for All System	7	08-Jul-14	15-Jul-14			0																				
	Demobilization,Close Out&Handing Over	33	08-Jul-14	14-Aug-14			0																				
	30 Calendar Days for Testing&Commissioning Electro Magnetic Flow Meter System	30	17-Jul-14	15-Aug-14			0																				
	Project 2: Alzaweyeh Network	226			18-May-13	31-Mar-14																					
	Alzaweyeh Network	226			18-May-13	31-Mar-14																					
	Mobilization	30			18-May-13	17-Jun-13																					
	Procurement	58			22-May-13	20-Sep-13																					
	Apply Traffic Control Plan / Safety Measurements / Coordination With Israeli&Local Authorities	3			23-Jun-13	26-Jun-13																					
	Pre Excavation / Digging the Ground for All Zones	80			30-Jun-13	30-Nov-13																					
	Zone #1	7			01-Oct-13	20-Dec-13																					
	2 Inches Pipelines Network	7			01-Oct-13	20-Dec-13																					
	WN Pipelines Installation Total Length = 633.08 L.M.AsBuilt DWG= 928.18 L.M.	7			01-Oct-13	08-Dec-13																					
	House Connection Branches Installation	7			29-Oct-13	20-Dec-13																					
	3 Inches Pipelines Network	4			08-Oct-13	07-Nov-13																					
	WN Pipelines Installation Total Length = 303.71 L.M.AsBuilt DWG= 269.09 L.M.	4			08-Oct-13	07-Nov-13																					
	Zone #2	39			02-Sep-13	24-Dec-13																					
	2 Inches Pipelines Network	17			12-Sep-13	22-Dec-13																					
	WN Pipelines Installation Total Length = 959.80 L.M.AsBuilt DWG = 387.08 L.M.	10			12-Sep-13	07-Dec-13																					
	House Connection Branches Installation	17			27-Sep-13	22-Dec-13																					
	3,4,6 Inches Pipelines Network (Double 4"=208.7&6"=153.47)	14			02-Sep-13	24-Dec-13																					
	WN Pipelines Installation Total Length = 1354.72 L.M.Asbuilt 3"=908.56&4"=233.2&6"229.71 L.M.	14			02-Sep-13	24-Dec-13																					
	Zone #3	73			13-Aug-13	26-Dec-13																					
	2 Inches Pipelines Network	73			13-Aug-13	26-Dec-13																					
	WN Pipelines Installation Total Length = 1151.71 L.M.Asbuilt DWG = 947.36 L.M.	12			13-Aug-13	26-Dec-13																					
	House Connection Branches Installation	12			30-Oct-13	26-Dec-13																					
	3,4 Inches Pipelines Network 2 (Double 4"= 465.97)	6			06-Oct-13	24-Dec-13																					
	WN Pipelines Installation Total Length = 543.69 L.M.Asbuilt DWG 3"=120.2,4"=456.92	6			06-Oct-13	24-Dec-13																					
	Zone #4	62			10-Sep-13	22-Dec-13																					
	2 Inches Pipelines Network	34			10-Sep-13	22-Dec-13																					
	WN Pipelines Installation Total Length = 700.33 L.M. Asbuilt = 687.59	8			10-Sep-13	19-Dec-13																					
	House Connection Pipes Installation	8			02-Oct-13	22-Dec-13																					
	3 Inches Pipelines Network	4			11-Sep-13	02-Dec-13																					
	WN Pipelines Installation Total Length = 395.4 L.M.Asbuilt 3" = 411.14	4			11-Sep-13	02-Dec-13																					
	Zone #5	33			08-Sep-13	22-Dec-13																					
	2 Inches Pipelines Network	33			08-Sep-13	10-Dec-13																					
	WN Pipelines Installation Total Length = 470.10 L.M.Asbuilt = 389.89	5			08-Sep-13	02-Dec-13																					
	House Connection Pipes Installation	5			07-Nov-13	10-Dec-13																					
	3 Inches Pipelines Network	6			23-Nov-13	22-Dec-13																					
	WN Pipelines Installation Total Length = 532.42 L.M.Asbuilt 3"= 114.12	6			23-Nov-13	22-Dec-13																					
	Zone #6	64			31-Jul-13	26-Dec-13																					
	2 Inches Pipelines Network	64			31-Jul-13	26-Dec-13																					
	WN Pipelines Installation Total Length = 982.18 L.M.Asbuilt = 714.89	10			31-Jul-13	25-Dec-13																					
	House Connection Pipes Installation	10			28-Oct-13	26-Dec-13																					
	3 Inches Pipelines Network	3			23-Sep-13	02-Dec-13																					

- (New Bar)
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone

Roll Up Schedule

Date	Revision	Checked	Approved
01-Apr-14	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.Iv...	Naim Mani-Prog Direc...

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Actual Start	Actual Finish	Total Float	Qtr 2, 2013		Qtr 3, 2013			Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014		
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	WN Pipelines Installation Total Length = 291.46 L.M.Asbuilt 3" = 499.43	3			23-Sep-13	02-Dec-13																					
	Zone #7	62			28-Jul-13	24-Dec-13																					
	2 Inches Pipelines Network	62			28-Jul-13	24-Dec-13																					
	WN Pipelines Installation Total Length = 988.09 L.M.Asbuilt = 489.57	10			28-Jul-13	23-Dec-13																					
	House Connection Pipes Installation	10			06-Oct-13	24-Dec-13																					
	3 Inches Pipelines Network	9			23-Sep-13	14-Nov-13																					
	WN Pipelines Installation Total Length = 803.21L.M.Asbuilt 3"= 273.08	9			23-Sep-13	14-Nov-13																					
	Zone #8	50			23-Jul-13	10-Dec-13																					
	2 Inches Pipelines Network	50			23-Jul-13	10-Dec-13																					
	WN Pipelines Installation Total Length = 2236.01 L.M.Asbuilt = 855.53	24			23-Jul-13	21-Nov-13																					
	House Connection Pipes Installation	24			23-Sep-13	20-Dec-13																					
	3 Inches Pipelines Network	5			22-Sep-13	24-Oct-13																					
	WN Pipelines Installation Total Length = 494.7 L.M.Asbuilt 3"= 459.04	5			22-Sep-13	24-Oct-13																					
	Zone #9	57			20-Jul-13	26-Dec-13																					
	2 Inches Pipelines Network	38			20-Jul-13	26-Dec-13																					
	WN Pipelines Installation Total Length = 1881.49 L.M.Asbuilt = 1631.66	19			20-Jul-13	25-Dec-13																					
	House Connection Pipes Installation	19			22-Sep-13	26-Dec-13																					
	3,4 Inches Pipelines Network - Double 4" = 90.64	5			15-Sep-13	21-Sep-13																					
	WN Pipelines Installation Total Length = 371.38 L.M. Asbuilt 3"= 266.87 , 4"= 104.5	5			15-Sep-13	21-Sep-13																					
	Chamber Works	44			03-Nov-13	28-Feb-14																					
	Civil Works	20			03-Nov-13	23-Dec-13																					
	Mechanical Works	20			19-Nov-13	28-Feb-14																					
	Main Connection Chamber	23			06-Jan-14	28-Feb-14																					
	Civil Works	15			06-Jan-14	06-Feb-14																					
	Mechanical Works	15			23-Feb-14	28-Feb-14																					
	Remaining Activities	81			01-Nov-13	31-Mar-14																					
	Al Zawyeh Network Demobilization,Close Out&Handing Over	3			25-Mar-14	31-Mar-14																					

- (New Bar)
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone

Roll Up Schedule

Date	Revision	Checked	Approved
01-Apr-14	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.Iv...	Naim Mani-Prog Direc...

ZWN 19.2 “S” Curves

DISCLAIMER:

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INTERNATIONAL RELIEF AND DEVELOPMENT, IRD

USAID-INFRASTRUCTURE NEEDS PROGRAM (INP)

TASK ORDER NO. AID-294-TO-13-00005

PROJECT 1 SOUTHWEST NABLUS VILLAGES WATER SUPPLY PROJECT

	USD
Total Contract Value Less Day Work:	\$7,482,628.59
Revised Contract Value Less Day Work:	\$7,650,150.48
Revised Contract Value Less Day Work:	\$7,418,336.48
Revised Contract Value Less Day Work:	\$7,497,263.61
NTP (Notice to Proceed)	23-Apr-13
Duration of Contract:	450 Calender Days
Completion Date:	16-Jul-14
Testing&Commissioning Completion Date:	15-Aug-14
Data Date:	31-Mar-14

PROJECT 2 AZ ZAWIYA NETWORK PROJECT

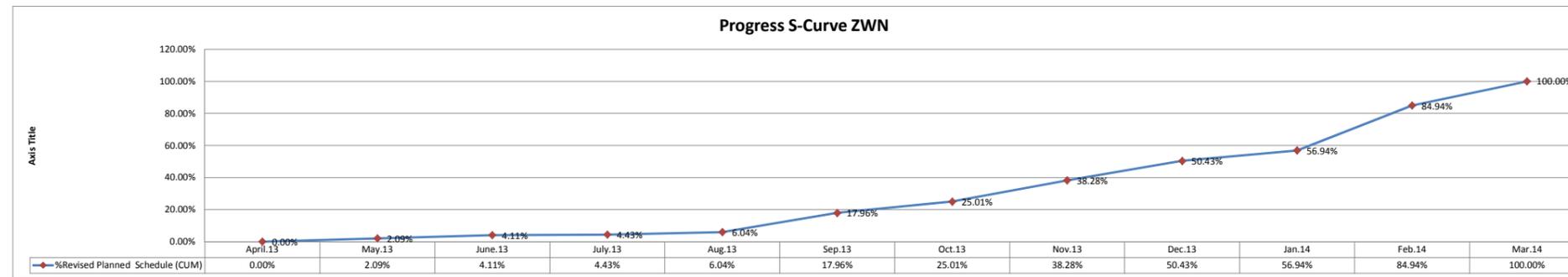
	USD
Total Contract Value Less Day Work:	\$1,989,080.86
Revised Contract Value Less Day Work:	\$1,767,290.57
Revised Contract Value Less Day Work:	\$1,961,331.41
NTP (Notice to Proceed)	23-Apr-13
Duration of Contract:	300 Calender Days
Completion Date:	16-Feb-14
Completion Date:	31-Mar-14
Data Date:	31-Mar-14

TASK ORDER (PROJECT 1 & PROJECT 2)

	USD
Revised Total Contract Value Less Day Work:	\$9,463,396.09
Day Work Value:	\$508,312.91
Total Contract Value Including Day Work:	\$9,971,709.00

PROGRESS S-CURVE & CASH FLOW SCHEDULE

	April.13	May.13	June.13	July.13	Aug.13	Sep.13	Oct.13	Nov.13	Dec.13	Jan.14	Feb.14	Mar.14	Total
Planned Schedule Value (REV.1)	\$0.00	\$40,949.80	\$39,637.77	\$6,292.47	\$31,551.29	\$233,886.95	\$138,196.43	\$260,373.77	\$238,153.89	\$127,684.95	\$549,205.75	\$295,398.34	\$1,961,331.41
Planned Schedule Value (CUM)	\$0.00	\$40,949.80	\$80,587.57	\$86,880.04	\$118,431.33	\$352,318.28	\$490,514.71	\$750,888.48	\$989,042.37	\$1,116,727.32	\$1,665,933.07	\$1,961,331.41	\$1,961,331.41
%Revised Planned Schedule	0.00%	2.09%	2.02%	0.32%	1.61%	11.92%	7.05%	13.28%	12.14%	6.51%	28.00%	15.06%	100.00%
%Revised Planned Schedule (CUM)	0.00%	2.09%	4.11%	4.43%	6.04%	17.96%	25.01%	38.28%	50.43%	56.94%	84.94%	100.00%	100.00%



ZWN 19.3 Site Memos Log

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Incoming Memoranda from Engineer to CONTRACTOR (EC) Log

Task Order: AID-294 -TO-13-00005
Project: Project 2:Az Zawieh Network

Number	Description/Subject	Date Received	Comments
SM-05-ZWN-E-C-034	New Asphalt Level - Drainage	17-Mar-14	<p>Dear Daoud, Storm water is forming water bonds at a recently asphalted road (line Z3-018) at Az Zawieh Netwotk. Bonds are formed at the intersection (Masjid entrance) and along 70 m of the mentioned road. Refer to attached photos. Contractor is hereby requested to take immediate actions to fix this issue by applying the following: 1- A leveling course layer shall be furnished at intersection middle in order to eliminate forming water bonds. 2- A storm drainage system shall be const1Ucted from Sta. 0+467 up to Sta. 0+390 (10" SN8 with manholes of 80 cm grill covers). 1% minimum slope shall be maintained. Contractor to submit VOR.</p>
SM-05-ZWN-E-C-035	Traffic Signs at Az Zawieh	17-Mar-14	<p>Dear Daoud, Contractor is hereby requested to install traffic signs at Az Zawieh Villages as specified in the attached letter (20 signs). VOR to be submitted.</p>

ZWN 19.4 Material or Equipment Delivered to Site Log

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Material Log

Task Order: AID - 294 - TO - 13- 00005
Project: Az Zawieh Network

No.	Date	Item	Description	QTY	Location
1	1-Mar-14	¾" Hot Asphalt Mix	Qandeel-Jamma'in	240 Tons	Az Zawieh
2	2-Mar-14	Anti-Seize	SAF-T-LOK International Corporation		Az Zawieh
3	3-Mar-14	Anti-Seize	SAF-T-LOK International Corporation		Az Zawieh
4	4-Mar-14	¾" Hot Mix	Qandeel-Jama'ain	580 Ton	Az Zawieh
5	5-Mar-14	¾" Hot Asphalt Mix	Qandeel-Jamma'in	350 Tons	Az Zawieh
6	6-Mar-14	B200	Beit Al Maqdes Batching Plant	27 CM	Az Zawieh
7	7-Mar-14	None	-	-	-
8	8-Mar-14	B200	Beit Al Maqdes Batching Plant	9 CM	Az Zawieh
9		¾" Hot Mix	Qandeel-Jama'ain	200 Ton	Az Zawieh
10	9-Mar-14	¾" Hot Mix	Qandeel-Jama'ain	200 Ton	Az Zawieh
11	10-Mar-14	None	-	-	-
12	11-Mar-14	B200	Beit Al Maqdes Batching Plant	34 CM	Az Zawieh
13		¾" Hot Mix	Qandeel-Jama'ain	45 Ton	Az Zawieh
14	12-Mar-14	None	-	-	-
15	13-Mar-14	None	-	-	-
16	14-Mar-14	None	-	-	-
17	15-Mar-14	None	-	-	-
18	16-Mar-14	B200	Beit Al Maqdes Batching Plant	16 CM	Az Zawieh
19	17-Mar-14	None	-	-	-
20	18-Mar-14	None	-	-	-
21	19-Mar-14	None	-	-	-
22	20-Mar-14	None	-	-	-
23	21-Mar-14	None	-	-	-
24	22-Mar-14	B200	Beit Al Maqdes Batching Plant	9 CM	Az Zawieh
25	23-Mar-14	None	-	-	-
26	24-Mar-14	None	-	-	-
27	25-Mar-14	None	-	-	-
28	26-Mar-14	None	-	-	-
29	27-Mar-14	None	-	-	-
30	28-Mar-14	None	-	-	-
31	29-Mar-14	None	-	-	-
32	30-Mar-14	None	-	-	-
33	31-Mar-14	None	-	-	-

Equipment Log

Task Order: AID - 294 - TO - 13 - 00005
Project: Az Zawieh Network

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
1	1-Mar-14	JCB	1	8	-
2		Grader	-	-	-
3		Truck	-	-	-
4		Asphalt Cutter machine	1	8	-
5		Mercedes Benz	-	-	-
6		Milling Equipment	-	-	-
7		Asphalt Finisher	1	6	-
8		Pneumatic Roller	1	6	-
9		Asphalt Trucks	8	6	-
10		Trencher	-	-	-
11		Water tank	1	5	-
12		Welding Machine	1	8	-
13		Bob cat	3	8	-
14		Bomac Steel Roller	1	6	-
15		Concrete Pump	-	-	-
16		Truck Mixers	-	-	-
17		Concrete Vibrators	-	-	-
18	2-Mar-14	JCB	1	8	-
19		Grader	-	-	-
20		Truck	-	-	-
21		Asphalt Cutter machine	1	8	-
22		Mercedes Benz	-	-	-
23		Milling Equipment	-	-	-
24		Asphalt Finisher	-	-	-
25		Pneumatic Roller	-	-	-
26		Asphalt Trucks	-	-	-
27		Trencher	-	-	-
28		Water tank	-	-	-
29		Welding Machine	1	8	-
30		Bob cat	3	8	-
31		Bomac Steel Roller	1	8	-
32		Concrete Pump	-	-	-
33		Truck Mixers	-	-	-
34		Concrete Vibrators	-	-	-
35	3-Mar-14	JCB	1	8	-
36		Grader	-	-	-
37		Truck	-	-	-
38		Asphalt Cutter machine	1	8	-
39		Mercedes Benz	-	-	-
40		Milling Equipment	-	-	-
41		Asphalt Finisher	-	-	-
42		Pneumatic Roller	-	-	-
43		Asphalt Trucks	-	-	-
44		Trencher	-	-	-
45		Water tank	-	-	-
46	Welding Machine	1	8	-	

Equipment Log

Task Order: AID - 294 - TO - 13 - 00005
Project: Az Zawieh Network

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
47		Bob cat	3	8	
48		Bomac Steel Roller	1	8	
49		Concrete Pump	-	-	
50		Truck Mixers	-	-	
51		Concrete Vibrators	-	-	
52		JCB	1	8	-
53		Grader	-	-	-
54		Truck	-	-	-
55		Asphalt Cutter machine	1	8	-
56		Mercedes Benz	-	-	
57		Milling Equipment	-	-	
58		Asphalt Finisher	1	6	
59		Pneumatic Roller	1	6	
60	4-Mar-14	Asphalt Trucks	-	-	
61		Trencher	-	-	
62		Water tank	-	-	
63		Welding Machine	1	8	
64		Bob cat	3	8	
65		Bomac Steel Roller	1	8	
66		Concrete Pump	-	-	-
67		Truck Mixers	-	-	
68		Concrete Vibrators	-	-	
69		JCB	1	8	-
70		Grader	-	-	-
71		Truck	-	-	-
72		Asphalt Cutter machine	1	8	-
73		Mercedes Benz	-	-	
74		Milling Equipment	-	-	
75		Asphalt Finisher	1	6	
76		Pneumatic Roller	1	6	
77	5-Mar-14	Asphalt Trucks	12	6	
78		Trencher	-	-	
79		Water tank	-	-	
80		Welding Machine	1	8	
81		Bob cat	3	8	
82		Bomac Steel Roller	1	6	
83		Concrete Pump	-	-	-
84		Truck Mixers	-	-	
85		Concrete Vibrators	-	-	
86		JCB	-	-	-
87		Grader	-	-	-
88		Truck	-	-	-
89		Asphalt Cutter machine	-	-	-
90		Mercedes Benz	-	-	
91		Milling Equipment	-	-	
92		Asphalt Finisher	1	6	

Equipment Log

Task Order: AID - 294 - TO - 13 - 00005
Project: Az Zawieh Network

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle	
93	6-Mar-14	Pneumatic Roller	1	6		
94		Asphalt Trucks	9	6		
95		Trencher	-	-		
96		Water tank	1	4		
97		Welding Machine	1	8		
98		Bob cat	3	8		
99		Bomac Steel Roller	1	6		
100		Concrete Pump	1	6	-	
101		Truck Mixers	3	6		
102		Concrete Vibrators	1	6		
103		7-Mar-14	JCB	-	-	-
104			Grader	-	-	-
105	Truck		-	-	-	
106	Asphalt Cutter machine		-	-	-	
107	Mercedes Benz		-	-		
108	Milling Equipment		-	-	-	
109	Trencher		-	-		
110	Water tank		-	-		
111	Welding Machine		1	8		
112	Bob cat		-	-		
113	Mobile crane		-	-		
114	Bomac Steel Roller	-	-	-		
115	8-Mar-14	JCB	-	-	-	
116		Grader	-	-	-	
117		Truck	-	-	-	
118		Asphalt Cutter machine	-	-	-	
119		Mercedes Benz	-	-		
120		Milling Equipment	-	-		
121		Asphalt Finisher	1	6		
122		Pneumatic Roller	1	6		
123		Asphalt Trucks	7	6		
124		Trencher	-	-		
125		Water tank	-	-		
126		Welding Machine	1	8		
127		Bob cat	3	8		
128		Bomac Steel Roller	1	6		
129		Concrete Pump	1	6	-	
130		Truck Mixers	1	6		
131		Concrete Vibrators	1	6		

Equipment Log

Task Order: AID - 294 - TO - 13 - 00005
Project: Az Zawieh Network

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle	
132	9-Mar-14	JCB	-	-	-	
133		Grader	-	-	-	
134		Truck	-	-	-	
135		Asphalt Cutter machine	-	-	-	
136		Mercedes Benz	-	-	-	
137		Milling Equipment	-	-	-	
138		Asphalt Finisher	1	6	-	
139		Pneumatic Roller	1	6	-	
140		Asphalt Trucks	7	6	-	
141		Trencher	-	-	-	
142		Water tank	-	-	-	
143		Welding Machine	-	-	-	
144		Bob cat	3	8	-	
145		Bomac Steel Roller	1	6	-	
146		Concrete Pump	-	-	-	
147		Truck Mixers	-	-	-	
148		Concrete Vibrators	-	-	-	
149		10-Mar-14	JCB	-	-	-
150			Grader	-	-	-
151	Truck		-	-	-	
152	Asphalt Cutter machine		-	-	-	
153	Mercedes Benz		-	-	-	
154	Milling Equipment		-	-	-	
155	Asphalt Finisher		-	-	-	
156	Pneumatic Roller		-	-	-	
157	Asphalt Trucks		-	-	-	
158	Trencher		-	-	-	
159	Water tank		-	-	-	
160	Welding Machine		-	-	-	
161	Bob cat		2	8	-	
162	Bomac Steel Roller		-	-	-	
163	Concrete Pump		-	-	-	
164	Truck Mixers		-	-	-	
165	Concrete Vibrators		-	-	-	
166	11-Mar-14	JCB	-	-	-	
167		Grader	-	-	-	
168		Truck	-	-	-	
169		Asphalt Cutter machine	-	-	-	
170		Mercedes Benz	-	-	-	
171		Milling Equipment	-	-	-	
172		Asphalt Finisher	1	5	-	
173		Pneumatic Roller	-	-	-	
174		Asphalt Trucks	2	5	-	
175		Trencher	-	-	-	
176		Water tank	-	-	-	
177		Welding Machine	-	-	-	

Equipment Log

Task Order: AID - 294 - TO - 13 - 00005
Project: Az Zawieh Network

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
178		Bob cat	2	8	
179		Bomac Steel Roller	1	5	
180		Concrete Pump	4	6	-
181		Truck Mixers	1	6	
182		Concrete Vibrators	1	6	
183		JCB	-	-	-
184		Grader	-	-	-
185		Truck	-	-	-
186		Asphalt Cutter machine	-	-	-
187		Mercedes Benz	-	-	
188		Milling Equipment	-	-	
189		Asphalt Finisher	-	-	
190		Pneumatic Roller	-	-	
191	12-Mar-14	Asphalt Trucks	-	-	
192		Trencher	-	-	
193		Water tank	-	-	
194		Welding Machine	-	-	
195		Bob cat	2	8	
196		Bomac Steel Roller	-	-	
197		Concrete Pump	-	-	-
198		Truck Mixers	-	-	
199		Concrete Vibrators	-	-	
200		JCB	-	-	-
201		Grader	-	-	-
202		Truck	-	-	-
203		Asphalt Cutter machine	-	-	-
204		Mercedes Benz	-	-	
205		Milling Equipment	-	-	
206		Asphalt Finisher	-	-	
207		Pneumatic Roller	-	-	
208	13-Mar-14	Asphalt Trucks	-	-	
209		Trencher	-	-	
210		Water tank	-	-	
211		Welding Machine	-	-	
212		Bob cat	-	-	
213		Bomac Steel Roller	-	-	
214		Concrete Pump	-	-	-
215		Truck Mixers	-	-	
216		Concrete Vibrators	-	-	
217		JCB	-	-	-
218		Grader	-	-	-
219		Truck	-	-	-
220		Asphalt Cutter machine	-	-	-
221		Mercedes Benz	-	-	
222		Milling Equipment	-	-	-
223	14-Mar-14	Trencher	-	-	

Equipment Log

Task Order: AID - 294 - TO - 13 - 00005
Project: Az Zawieh Network

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
224		Water tank	-	-	
225		Welding Machine	1	8	
226		Bob cat	-	-	
227		Mobile crane	-	-	
228		Bomac Steel Roller	-	-	-
229		JCB	-	-	-
230		Grader	-	-	-
231		Truck	-	-	-
232		Asphalt Cutter machine	-	-	-
233		Mercedes Benz	-	-	
234		Milling Equipment	-	-	
235		Asphalt Finisher	-	-	
236		Pneumatic Roller	-	-	
237	15-Mar-14	Asphalt Trucks	-	-	
238		Trencher	-	-	
239		Water tank	-	-	
240		Welding Machine	1	8	
241		Bob cat	-	-	
242		Bomac Steel Roller	-	-	
243		Concrete Pump	-	-	-
244		Truck Mixers	-	-	
245		Concrete Vibrators	-	-	
246		JCB	1	8	-
247		Grader	-	-	-
248		Truck	-	-	-
249		Asphalt Cutter machine	-	-	-
250		Mercedes Benz	-	-	
251		Milling Equipment	-	-	
252		Asphalt Finisher	-	-	
253		Pneumatic Roller	-	-	
254	16-Mar-14	Asphalt Trucks	-	-	
255		Trencher	-	-	
256		Water tank	-	-	
257		Welding Machine	1	8	
258		Bob cat	1	8	
259		Bomac Steel Roller	1	6	
260		Concrete Pump	2	5	-
261		Truck Mixers	1	5	
262		Concrete Vibrators	1	5	

Equipment Log

Task Order: AID - 294 - TO - 13 - 00005
Project: Az Zawieh Network

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle	
263	17-Mar-14	JCB	1	8	-	
264		Grader	-	-	-	
265		Truck	-	-	-	
266		Asphalt Cutter machine	-	-	-	
267		Mercedes Benz	-	-	-	
268		Milling Equipment	-	-	-	
269		Asphalt Finisher	-	-	-	
270		Pneumatic Roller	-	-	-	
271		Asphalt Trucks	1	6	-	
272		Trencher	-	-	-	
273		Water tank	-	-	-	
274		Welding Machine	1	8	-	
275		Bob cat	1	8	-	
276		Bomac Steel Roller	1	6	-	
277		Concrete Pump	-	-	-	
278		Truck Mixers	-	-	-	
279		Concrete Vibrators	-	-	-	
280		18-Mar-14	JCB	1	8	-
281			Grader	-	-	-
282	Truck		-	-	-	
283	Asphalt Cutter machine		-	-	-	
284	Mercedes Benz		-	-	-	
285	Milling Equipment		-	-	-	
286	Asphalt Finisher		-	-	-	
287	Pneumatic Roller		-	-	-	
288	Asphalt Trucks		1	6	-	
289	Trencher		-	-	-	
290	Water tank		-	-	-	
291	Welding Machine		1	8	-	
292	Bob cat		1	8	-	
293	Bomac Steel Roller		1	6	-	
294	Concrete Pump		-	-	-	
295	Truck Mixers		-	-	-	
296	Concrete Vibrators		-	-	-	
297	19-Mar-14		JCB	1	8	-
298			Grader	-	-	-
299		Truck	-	-	-	
300		Asphalt Cutter machine	-	-	-	
301		Mercedes Benz	-	-	-	
302		Milling Equipment	-	-	-	
303		Asphalt Finisher	-	-	-	
304		Pneumatic Roller	-	-	-	
305		Asphalt Trucks	1	4	-	
306		Trencher	-	-	-	
307		Water tank	-	-	-	
308		Welding Machine	1	8	-	

Equipment Log

Task Order: AID - 294 - TO - 13 - 00005
Project: Az Zawieh Network

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
309		Bob cat	1	8	
310		Bomac Steel Roller	-	-	
311		Concrete Pump	-	-	-
312		Truck Mixers	-	-	
313		Concrete Vibrators	-	-	
314		JCB	1	8	-
315		Grader	-	-	-
316		Truck	-	-	-
317		Asphalt Cutter machine	-	-	-
318		Mercedes Benz	-	-	
319		Milling Equipment	-	-	
320		Asphalt Finisher	-	-	
321		Pneumatic Roller	-	-	
322	20-Mar-14	Asphalt Trucks	-	-	
323		Trencher	-	-	
324		Water tank	-	-	
325		Welding Machine	1	8	
326		Bob cat	1	8	
327		Bomac Steel Roller	-	-	
328		Concrete Pump	1	5	-
329		Truck Mixers	-	-	
330		Concrete Vibrators	-	-	
331		JCB	-	-	-
332		Grader	-	-	-
333		Truck	-	-	-
334		Asphalt Cutter machine	-	-	-
335		Mercedes Benz	-	-	
336		Milling Equipment	-	-	-
337	21-Mar-14	Trencher	-	-	
338		Water tank	-	-	
339		Welding Machine	-	-	
340		Bob cat	-	-	
341		Mobile crane	-	-	
342		Bomac Steel Roller	-	-	-
343		JCB	1	8	-
344		Grader	-	-	-
345		Truck	-	-	-
346		Asphalt Cutter machine	-	-	-
347		Mercedes Benz	-	-	
348		Milling Equipment	-	-	
349		Asphalt Finisher	-	-	
350		Pneumatic Roller	-	-	
351	22-Mar-14	Asphalt Trucks	-	-	
352		Trencher	-	-	
353		Water tank	-	-	
354		Welding Machine	1	8	

Equipment Log

Task Order: AID - 294 - TO - 13 - 00005
Project: Az Zawieh Network

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
355		Bob cat	2	8	
356		Bomac Steel Roller	1	8	
357		Concrete Pump	-	-	-
358		Truck Mixers	1	5	
359		Concrete Vibrators	-	-	
360		JCB	1	8	-
361		Grader	-	-	-
362		Truck	-	-	-
363		Asphalt Cutter machine	-	-	-
364		Mercedes Benz	-	-	
365		Milling Equipment	-	-	
366		Asphalt Finisher	-	-	
367		Pneumatic Roller	-	-	
368	23-Mar-14	Asphalt Trucks	-	-	
369		Trencher	-	-	
370		Water tank	-	-	
371		Welding Machine	-	-	
372		Bob cat	2	8	
373		Bomac Steel Roller	-	-	
374		Concrete Pump	-	-	-
375		Truck Mixers	-	-	
376		Concrete Vibrators	-	-	

Equipment Log

Task Order: AID - 294 - TO - 13 - 00005
Project: Az Zawieh Network

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle	
377	24-Mar-14	JCB	1	8	-	
378		Grader	-	-	-	
379		Truck	1	8	-	
380		Asphalt Cutter machine	-	-	-	
381		Mercedes Benz	-	-	-	
382		Milling Equipment	-	-	-	
383		Asphalt Finisher	-	-	-	
384		Pneumatic Roller	-	-	-	
385		Asphalt Trucks	-	-	-	
386		Trencher	-	-	-	
387		Water tank	-	-	-	
388		Welding Machine	-	-	-	
389		Bob cat	2	8	-	
390		Bomac Steel Roller	-	-	-	
391		Concrete Pump	-	-	-	
392		Truck Mixers	-	-	-	
393		Concrete Vibrators	-	-	-	
394		25-Mar-14	JCB	-	-	-
395			Grader	-	-	-
396			Truck	1	8	-
397	Asphalt Cutter machine		-	-	-	
398	Mercedes Benz		-	-	-	
399	Milling Equipment		-	-	-	
400	Asphalt Finisher		-	-	-	
401	Pneumatic Roller		-	-	-	
402	Asphalt Trucks		1	5	-	
403	Trencher		-	-	-	
404	Water tank		-	-	-	
405	Welding Machine		-	-	-	
406	Bob cat		2	8	-	
407	Bomac Steel Roller		1	8	-	
408	Concrete Pump		-	-	-	
409	Truck Mixers		-	-	-	
410	Concrete Vibrators		-	-	-	
411	26-Mar-14	JCB	-	-	-	
412		Grader	-	-	-	
413		Truck	1	8	-	
414		Asphalt Cutter machine	-	-	-	
415		Mercedes Benz	-	-	-	
416		Milling Equipment	-	-	-	
417		Asphalt Finisher	-	-	-	
418		Pneumatic Roller	-	-	-	
419		Asphalt Trucks	-	-	-	
420		Trencher	-	-	-	
421		Water tank	-	-	-	
422		Welding Machine	-	-	-	

Equipment Log

Task Order: AID - 294 - TO - 13 - 00005
Project: Az Zawieh Network

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle	
423		Bob cat	2	8		
424		Bomac Steel Roller	-	-		
425		Concrete Pump	-	-	-	
426		Truck Mixers	-	-		
427		Concrete Vibrators	-	-		
428	27-Mar-14	JCB	1	8	-	
429		Grader	-	-	-	
430		Truck	1	8	-	
431		Asphalt Cutter machine	-	-	-	
432		Mercedes Benz	-	-		
433		Milling Equipment	-	-		
434		Asphalt Finisher	-	-		
435		Pneumatic Roller	-	-		
436		Asphalt Trucks	-	-		
437		Trencher	-	-		
438		Water tank	-	-		
439		Welding Machine	-	-		
440		Bob cat	2	8		
441		Bomac Steel Roller	-	-		
442		Concrete Pump	-	-	-	
443		Truck Mixers	-	-		
444		Concrete Vibrators	-	-		
445		28-Mar-14	JCB	-	-	-
446			Grader	-	-	-
447			Truck	-	-	-
448	Asphalt Cutter machine		-	-	-	
449	Mercedes Benz		-	-		
450	Milling Equipment		-	-	-	
451	Trencher		-	-		
452	Water tank		-	-		
453	Welding Machine		-	-		
454	Bob cat		-	-		
455	Mobile crane		-	-		
456	Bomac Steel Roller	-	-	-		
457	29-Mar-14	JCB	1	8	-	
458		Grader	-	-	-	
459		Truck	1	8	-	
460		Asphalt Cutter machine	-	-	-	
461		Mercedes Benz	-	-		
462		Milling Equipment	-	-		
463		Asphalt Finisher	-	-		
464		Pneumatic Roller	-	-		
465		Asphalt Trucks	-	-		
466		Trencher	-	-		
467		Water tank	-	-		
468	Welding Machine	-	-			

Equipment Log

Task Order: AID - 294 - TO - 13 - 00005
Project: Az Zawieh Network

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle	
469		Bob cat	2	8		
470		Bomac Steel Roller	-	-		
471		Concrete Pump	-	-	-	
472		Truck Mixers	-	-		
473		Concrete Vibrators	-	-		
474	30-Mar-14	JCB	1	8	-	
475		Grader	-	-	-	
476		Truck	1	8	-	
477		Asphalt Cutter machine	-	-	-	
478		Mercedes Benz	-	-		
479		Milling Equipment	-	-		
480		Asphalt Finisher	-	-		
481		Pneumatic Roller	-	-		
482		Asphalt Trucks	-	-		
483		Trencher	-	-		
484		Water tank	-	-		
485		Welding Machine	-	-		
486		Bob cat	2	8		
487		Bomac Steel Roller	-	-		
488		Concrete Pump	-	-	-	
489		Truck Mixers	-	-		
490		Concrete Vibrators	-	-		
491		31-Mar-14	JCB	-	-	-
492			Grader	-	-	-
493			Truck	1	8	-
494	Asphalt Cutter machine		-	-	-	
495	Mercedes Benz		-	-		
496	Milling Equipment		-	-		
497	Asphalt Finisher		-	-		
498	Pneumatic Roller		-	-		
499	Asphalt Trucks		-	-		
500	Trencher		-	-		
501	Water tank		-	-		
502	Welding Machine		-	-		
503	Bob cat		2	8		
504	Bomac Steel Roller		1	8		
505	Concrete Pump		-	-	-	
506	Truck Mixers		-	-		
507	Concrete Vibrators		-	-		

ZWN 19.5 Inspection Requests Log

DISCLAIMER:

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Inspection Requests Log IRD/BV

USAID Contract N0.
Project:

AID - 294 -TO- 13 - 00005
Southwest Nablus Villages Water Supply and Az Zawieh Network

Inspection Grades

A – No Exceptions Noted

B - Make Corrections Noted

C- Amend and Resubmit

D- Rejected- Resubmit

No.	Request Date	Date Inspection Required	Description of Works Inspected	Sender/ Recipient	1st Inspection		2nd Inspection	
					Response Date	Grade	Response Date	Grade
IR-05-ZWN-214-A	4-Mar-14	4-Mar-14	Monitoring the flushing and pressure test for the following water lines listed below: <input type="checkbox"/> Zone (8) - line (Z2-17). <input type="checkbox"/> Zone (3+6+8) - line (Z3-18), from station 0+000 to 0+200.	IRD/BV	5-Mar-14	A		
IR-05-ZWN-215-A	9-Mar-14	9-Mar-14	Inspecting of 278 prepaid water meters for Az zawieh Network.	IRD/BV	10-Mar-14	A		
IR-05-ZWN-216-A	10-Mar-14	10-Mar-14	Inspecting the delivery of 4" Check Valve (NR-042-ED-04) for Az Zawieh network Project.	IRD/BV	11-Mar-14	A		
IR-05-ZWN-217-A	10-Mar-14	10-Mar-14	Inspecting the delivery of 1/2" Pressure Gauge for Az Zawieh network Project.	IRD/BV	11-Mar-14	A		
IR-05-ZWN-218-A	10-Mar-14	10-Mar-14	Inspecting the delivery of 2" Air Valve (D-050-C-02) - 16 and 15 bars for Az Zawieh network Project.	IRD/BV	11-Mar-14	C		
IR-05-ZWN-219-A	10-Mar-14	10-Mar-14	Inspecting the delivery of 4" Strainer (stone and gravel trap-WW-4"-70F-Y-C-25-EB-NM) for Az Zawieh network Project.	IRD/BV	11-Mar-14	A		
IR-05-ZWN-220-A	10-Mar-14	10-Mar-14	Inspecting the delivery of 3/4" Pressure Reducing Valve (Honey Well) for Az Zawieh network Project.	IRD/BV	11-Mar-14	B		
IR-05-ZWN-221-A	10-Mar-14	10-Mar-14	Inspecting the delivery of 2" PC Ball Valve for Az Zawieh network Project.	IRD/BV	12-Mar-14	A		
IR-05-ZWN-222-A	10-Mar-14	10-Mar-14	Inspecting the delivery of 6" Unijoint for Az Zawieh network Project.	IRD/BV	12-Mar-14	A		
IR-05-ZWN-223-A	10-Mar-14	10-Mar-14	Inspecting the delivery of 6" Gate Valve - 16 bars for Az Zawieh network Project.	IRD/BV	12-Mar-14	C		
IR-05-ZWN-224-A	17-Mar-14	17-Mar-14	Start of testing and commissioning for the whole network.	IRD/BV	17-Mar-14	C		
IR-05-ZWN-224-B	20-Mar-14	20-Mar-14	Start of testing and commissioning for the whole network.	IRD/BV	20-Mar-14	C		
IR-05-ZWN-225-A	20-Mar-14	22-Mar-14	Inspecting installation of Prepayment Water Meters.	IRD/BV	22-Mar-14	C		

ZWN 19.6 Submittals Log

DISCLAIMER:

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Submittal Categories	Submittal Classification	Identifiers:	Resubmittal Alpha Identifier	Submittal Disposition/ Color Coding
PD PRODUCT DATA	PCS Preconstruction	SWN : Task Order No 05 Identifier-Southwest Nablus Project	First Submittal SUB-05-SWN-001-A	A - No Exceptions Noted
SD SHOP DRAWINGS	CONS Construction	SWT : Project 1 Identifier-Southwest Nablus Transmission Line	First RE-Submittal SUB-05-SWN-001-B	B - Make Corrections Noted
AD ADMINISTRATIVE/OTHER	PSTS Post construction	MDR Madama Reservoir	Second Resubmittal SUB-05-SWN-001-C	C- Amend and Resubmit
TR TEST REPORT		AQR Asira Al Qibliya Reservoir		D- Rejected- Resubmit
SCH SCHEDULE		URR Unif Reservoir		E- Review Not Required
RPT REPORT		MDN Madama Network		Submitted Pending Response
SMP SAMPLE		AQN Asira Al Qibliya Network		
CO COMPLETION & CLOSEOUT		URN Unif Network		
MAT MATERIAL		ZWN : Project 2 Identifier-Az Zawieh Network		

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
Submittal Number	Submittal Description	Specification Number	Submittal Category	Submittal Classification	Submittal Type	Project Identifier	Schedule Activity ID	BOQ Item No.	Rev.	Contractual Submission Date	Planned Submission Date to ENGINEER	Actual Submission Date	Submission Delay	Response Needed by (Max. 21 days)	Date Returned to IRD	Total Engineer Response Time	Submittal Disposition (Grade)	Remarks
SUB-13-00005-ZWN-336-A	Preliminary Operation & Maintenance Manual	Section 01781	AD	CONS	SUB	ZWN	PS-190	MOB	A			6-Mar-14		5-Apr-14	13-Mar-14	7	B	
SUB-13-00005-ZWN-342-A	Quick Pressure Relief Valve for Az Zawieh Network	15218-Paragraph: 2.1	AD	CONS	SUB	ZWN	CS-891	MOB	A			10-Mar-14		9-Apr-14	13-Mar-14	3	B	
SUB-13-00005-ZWN-343-A	Pressure Reducing Valve for Az Zawieh Network	15217-Paragraph: 2.2	AD	CONS	SUB	ZWN	CS-871	MOB	A			10-Mar-14		9-Apr-14	13-Mar-14	3	B	
SUB-13-00005-ZWN-352-A	Prepaid Water Meter and Bermad Valves Training	Section 01670	AD	PCS	SUB	ZWN	TRAINING-SYS-1000	MOB	A			23-Mar-14		22-Apr-14	24-Mar-14	1	A	
SUB-13-00005-ZWN-353-A	Microbiology and Chemical Results for Disinfection of Az Zawieh Network	Section 01656, Paragraph: 3.4	AD	PCS	SUB	ZWN		MOB	A			23-Mar-14		22-Apr-14				

ZWN 19.7 Requests for Information Log

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Task Order: AID - 294 - TO - 13 - 00005
 Project: Southwest Nablus Project (SWN)

NTP: 23-Apr-13

NOA: 10-Apr-13

Request for Information Log

RFI No.	Subject of RFI	BOQ item no.	Specification no.	Drawing no.	Date Submitted to Engineer	Response Date from Engineer	No. of Days for Engineer Response	Status	Engineer Response	Potential Change Order	Status
RFI-13-00005-ZWN-C-E-015	4" Water Meter on Bypass – Mai Connection Chamber	-	-	-	26-Mar-14	27-Mar-14	1		Contractor proposal is acceptable with the following comments: 1. Contractor shall submit all testing and calibration certificates upon material delivery . 2. Operation and maintenance manual to be updated to include the proposed product.		

ZWN 19.8 Variation Order Request and Variation Order Log

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Variation Order Request /VOR Log

Sub-project: Southwest Nablus Villages Water Supply

VOR no.	Date	Revision Date	Time Modification	Modification Cost (\$)	Reference			Subject	Status	VO no.
					Shop Drawings/ Submittal/ Specifications	BOQ Item no.	RFI/ Other			
VOR-05-ZWN-023-A	17-Mar-14		8 calendar days	\$22,405.46	-		1. SM-05-ZWN-E-C-034 dated March 16, 2014. 2. SM-05-ZWN-E-C-035 dated March 17, 2014.	1. Construct a storm drainage system from Sta. 0+467 up to Sta. 0+390 (8" SN8 with 80 cm grill covered manholes. 1% minimum slope shall be maintained) and provide leveling course layer furnished at intersection middle in order to eliminate forming water bonds as per SM-05-ZWN-E-C-034 dated March 16, 2014 2. Supply and install 20 traffic signs as per SM-05-ZWN-E-C-035 dated March 17, 2014 and attachments.		

VO	Date	Status	Subject	USAID Approval Date	Original Task Order Amount			Previous Task Order Amount			Revised Task Order Amount			Variation Order Change to Day Work	Project Name	Project ID	Original Contract Duration	Previous VO Time Extension	VO Time Extension	Original Completion Date	Revised Completion Date
					BOQ	Day Work	Total	BOQ	Day Work	Total	BOQ	Day Work	Total								
VO-13-00005-SWN-005	20-Mar-14	Signed	1- Replace the propeller flow meter in SWT & Networks chambers to GSM/GPRS Remotely Monitored Electromagnetic Flow Meters. 2- Change in the requirements of reservoirs interior coating. 3- New Drainage System. 4- Additional Safety Features at Az Zawieh Network.	21-Mar-14	\$ 9,471,709.45	\$ 500,000.00	\$ 9,971,709.45	\$ 9,339,031.57	\$ 632,677.43	\$ 9,971,709.00	\$ 9,463,396.09	\$ 508,312.91	\$ 9,971,709.00	\$ 124,364.52	P1-Southwest Nablus Projects	SWT	450	0	30	16-Jul-14	15-Aug-14
															P2-Az Zawieh Project	ZWN	300	35	8	23-Mar-14	31-Mar-14
VO-13-00005-SWN-006	27-Mar-14	Signed	Project Final Defective Quantities	31-Mar-14	\$ 9,471,709.45	\$ 500,000.00	\$ 9,971,709.45	\$ 9,463,396.09	\$ 508,312.91	\$ 9,971,709.00	\$ 9,458,595.02	\$ 513,113.98	\$ 9,971,709.00	\$ (4,801.07)	P1-Southwest Nablus Projects	SWT	450	30	0	16-Jul-14	15-Aug-14
															P2-Az Zawieh Project	ZWN	300	43	0	23-Mar-14	31-Mar-14

ZWN 19.9 Employment Generated Data

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**USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM
CONTRACT NO. AID-294-I-00-08-00217
TASK ORDER NO. AID-294-TO-13-00005
Southwest Nablus Project-SWN**

Temporary Job Days Report

Task Order Name: Southwest Nablus Project-SWN
Sub-project or Activity Name: Project 2- Az Zawieh Network-ZWN
CONTRACTOR: IRD
SUBCONTRACTOR(s): Arab Brothers Company

DATE	Site Staff Job Days **																				Man-days*					
	Worker/Classification (Hours)																			Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other		
	Management				Engineers						Skilled labor			Unskilled labor		Other										
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Manager #1, #2, etc.	Project Engineer	Scheduler	Safety Engineer	Site Engineer	Surveying Engineer	Office Engineer	Quality Control Engineer	Foreman	Skilled Labor	Equipment Operator	Flagman	Unskilled Labor	Other	PCO	CWI	Welders	Welders Helpers					
March 1, 2014	1	1		8			24	8		2	24	96	148	64	120		1		8	8	1.25	4.25	33.5	23	2.125	
March 2, 2014	1	1		8			16	8		2	8	80	56	24	96		1		8	8	1.25	3.25	18	15	2.125	
March 3, 2014	1	1		8			24	8		2	8	80	64	48	112		1		8	8	1.25	4.25	19	20	2.125	
March 4, 2014	1	1		8			24	8		2	8	88	105	72	120		1		8	8	1.25	4.25	25.13	24	2.125	
March 5, 2014	1	1		8			16	8		2	8	65	144	72	112		1		8	8	1.25	3.25	27.13	23	2.125	
March 6, 2014	1	1		8			8	8		2	8	64	132	56	96		1		8	8	1.25	2.25	25.5	19	2.125	
March 7, 2014							5					30							5	5	0	0.63	3.75	0	1.25	
March 8, 2014	1	1		8			24	8		2	8	64	104	24	96		1		8	8	1.25	4.25	22	15	2.125	
March 9, 2014	1	1		8			8	8		2	8	72	93	64	104		1				1.25	2.25	21.63	21	0.125	
March 10, 2014	1			8			16	8		2	8	24	17	24	32		1				1.125	3.25	6.125	7	0.125	
March 11, 2014	1	1		8			16	8		2	8	64	58	56	96		1				1.25	3.25	16.25	19	0.125	
March 12, 2014	1	1		8			16	8		2	8	48	16	24	80		1				1.25	3.25	9	13	0.125	
March 13, 2014	1	1		8			8			6	8	24			40		1				1.25	1.75	4	5	0.125	
March 14, 2014							8					40							8	8	0	1	5	0	2	
March 15, 2014	1	1		12			8			2	8	40			64		1		8	8	1.75	1.25	6	8	2.125	
March 16, 2014	1	1		8			8			2	8	64	44	16	80		1		8	8	1.25	1.25	14.5	12	2.125	
March 17, 2014	1	1		8			16			2	8	64	36	16	80		1		8	8	1.25	2.25	13.5	12	2.125	
March 18, 2014	1	1		8			16			2	8	48	32	56	68		1		8	8	1.25	2.25	11	15.5	2.125	
March 19, 2014	1	1		8			16			8	8	48	24	40	64		1		8	8	1.25	3	10	13	2.125	
March 20, 2014	1	1		8			16			8	8	64	29	40	80		1		8	8	1.25	3	12.63	15	2.125	
March 21, 2014																					0	0	0	0	0	
March 22, 2014	1	1		8			16			8	8	64	29	16	80		1		8	8	1.25	3	12.63	12	2.125	
March 23, 2014	1	1		8			16			8	8	48	24	16	64		1				1.25	3	10	10	0.125	
March 24, 2014	1	1		8			16			8	8	48	32	40	48		1				1.25	3	11	11	0.125	
March 25, 2014	1	1		8			16			8	8	40	29	16	56		1				1.25	3	9.625	9	0.125	
March 26, 2014	1	1		8			16			8	8	40	16	16	56		1				1.25	3	8	9	0.125	
March 27, 2014	1	1		8			16			8	8	40	18	32	56		1				1.25	3	8.25	11	0.125	
March 28, 2014																					0	0	0	0	0	
March 29, 2014	1	1		8			16			8	8	40	28	16	56		1				1.25	3	9.5	9	0.125	
March 30, 2014	1	1		8			16			8	8	40	24	16	56		1				1.25	3	9	9	0.125	
March 31, 2014	1	1		8			16			8	8	40	20	16	56		1				1.25	3	8.5	9	0.125	
Total of Month	24	23	0	196	0	0	0	389	88	0	100	208	1447	1250	832	1900	0	24	0	125	125	34.13	81.1	390.1	368.5	34.63

USAID WEST BANK/ GAZA
 INFRASTRUCTURE NEEDS PROGRAM
 CONTRACT NO. AID-294-I-00-08-00217
 TASK ORDER NO. AID-294-TO-13-00005
 Southwest Nablus Project-SWN

Temporay Job Days Summary Report

Task Order Name: Southwest Nablus Project-SWN PERIOD FROM:
 Sub-project or Activity Name: Project 2- Az Zawieh Network-ZWN PERIOD TO:
 CONTRACTOR: IRD

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Notes of Comments
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other			
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	10	2	0	0	0	12	1	
May	2013	74	8	4	5	11	102	4	
June	2013	100	0	48	41	40	229	10	
July	2013	104	15	193	263	16	589	25	
August	2013	54	4	166	160	6	389	16	
September	2013	87	31	418	333	8	876	37	
Total of FY 2013							2197	92.29516807	
October	2013	64	54	363	341	14	836	35	
November	2013	30	49	420	291	41	831	35	
December	2013	48	44	241	247	29	608	26	
January	2014	36	22	142	151	6	356	15	
February	2014	24	36	201	181	13	455	19	
March	2014	34	81	390	369	35	909	38	
April	2014						0	0	
May	2014						0	0	
June	2014						0	0	
July	2014						0	0	
August	2014						0	0	
September	2014						0	0	
Total of FY 2014							3994	167.7993697	
October	2014						0	0	
November	2014						0	0	
December	2014						0	0	
January	2015						0	0	
February	2015						0	0	
March	2015						0	0	
April	2015						0	0	
May	2015						0	0	
June	2015						0	0	
July	2015						0	0	
August	2015						0	0	
September	2015						0	0	
Total of FY 2015							0	0	

ZWN 19.10 QC Testing Log

DISCLAIMER:

The author's views expressed in this publication do not necessarily reflect the views of the United States Agency for International Development or the United States Government.

Testing LOG

USAID Contract No. AID -294-I-TO-00- 08 - 00217
 Project: Project 2: Az Zawieh Network

Current Date: 31/03/2014

Submittal Number	Rev.	Material Tested	Project Identifier	Date Sent to Engineer	Date Returned to IRD	Submittal Disposition	Total Engineer Response Time	Testing Lab	Report No.	Sample Date	Test Type	Location/ Station	Limits/ Specifications	Lab Results (Approved/ Resubmit)
TEST-05-ZWN-54-A	A	Base Course	ZWN	9-Mar-14	12-Mar-14	A	3	Building Center	ST/FD/14087	26-Feb-14	Field Density Compaction Test	Az Zawieh Network	Section 02200	Approved
TEST-05-ZWN-55-A	A	Base Course	ZWN	9-Mar-14				Building Center	ST/14049	19-Feb-14	Base Course	Az Zawieh Network	Section 02200	
TEST-05-ZWN-56-A	A	Base Course	ZWN	9-Mar-14	12-Mar-14	A	3	Building Center	ST/14060	24-Feb-14	Base Course	Az Zawieh Network	Section 02200	Approved
TEST-05-ZWN-57-A	A	Base Course	ZWN	9-Mar-14	12-Mar-14	A	3	Building Center	ST/14063	26-Feb-14	Base Course	Az Zawieh Network	Section 02200	Approved
TEST-05-ZWN-58-A	A	Reinforcement Steel Bars	ZWN	9-Mar-14	12-Mar-14	A	3	Building Center	BM/STL/14001	20-Jan-14	Reinforcement Steel Bars	Az Zawieh Network	Section 03200	Approved
TEST-05-ZWN-59-A	A	Asphalt	ZWN	9-Mar-14	24-Mar-14	A	15	Building Center	AS/TBM/14001	29-Dec-14	Bituminous Paving Mixture	Az Zawieh Network	Section 02460	Approved
TEST-05-ZWN-60-A	A	Asphalt	ZWN	9-Mar-14	29-Mar-14	A	20	Building Center	AS/TBM/14004	5-Jan-14	Bituminous Paving Mixture	Az Zawieh Network	Section 02460	Approved
TEST-05-ZWN-61-A	A	Asphalt	ZWN	9-Mar-14	29-Mar-14	A	20	Building Center	AS/TBM/14008	9-Jan-14	Bituminous Paving Mixture	Az Zawieh Network	Section 02460	Approved
TEST-05-ZWN-62-A	A	Asphalt	ZWN	9-Mar-14	29-Mar-14	A	20	Building Center	AS/TBM/14009	9-Jan-14	Bituminous Paving Mixture	Az Zawieh Network	Section 02460	Approved
TEST-05-ZWN-63-A	A	Asphalt	ZWN	9-Mar-14	24-Mar-14	A	15	Building Center	AS/TBM/14010	12-Jan-14	Bituminous Paving Mixture	Az Zawieh Network	Section 02460	Approved
TEST-05-ZWN-64-A	A	Asphalt	ZWN	9-Mar-14	29-Mar-14	A	20	Building Center	AS/TBM/14050	20-Feb-14	Bituminous Paving Mixture	Az Zawieh Network	Section 02460	Approved
TEST-05-ZWN-65-A	A	Asphalt	ZWN	9-Mar-14	29-Mar-14	A	20	Building Center	AS/TBM/14052	22-Feb-14	Bituminous Paving Mixture	Az Zawieh Network	Section 02460	Approved
TEST-05-ZWN-66-A	A	Base Course	ZWN	9-Mar-14	12-Mar-14	A	3	Building Center	ST/FD/14074	19-Feb-14	Field Density Compaction Test	Az Zawieh Network	Section 02200	Approved
TEST-05-ZWN-67-A	A	Base Course	ZWN	9-Mar-14	12-Mar-14	A	3	Building Center	ST/FD/14080	24-Feb-14	Field Density Compaction Test	Az Zawieh Network	Section 02200	Approved
TEST-05-ZWN-68-A	A	Concrete	ZWN	24-Mar-14	29-Mar-14	A	5	Building Center	BM/CT/14151	23-Jan-14	Concrete Compressive Strength at 28 days of age	Az Zawieh Network	Section 03300	Approved
TEST-05-ZWN-69-A	A	Base Course	ZWN	25-Mar-14	29-Mar-14	B	4	Building Center	ST/FD/14091	2-Mar-14	Field Density Compaction Test	Az Zawieh Network	Section 02200	Approved
TEST-05-ZWN-70-A	A	Base Course	ZWN	25-Mar-14				Building Center	ST/FD/14093	3-Mar-14	Field Density Compaction Test	Az Zawieh Network	Section 02200	
TEST-05-ZWN-71-A	A	Base Course	ZWN	25-Mar-14	29-Mar-14	A	4	Building Center	ST/14068	26-Feb-14	Base Course	Az Zawieh Network	Section 02200	Approved
TEST-05-ZWN-72-A	A	Base Course	ZWN	25-Mar-14	29-Mar-14	A	4	Building Center	ST/14069	2-Mar-14	Base Course	Az Zawieh Network	Section 02200	Approved
TEST-05-ZWN-73-A	A	Base Course	ZWN	25-Mar-14	29-Mar-14	A	4	Building Center	ST/14076	3-Mar-14	Base Course	Az Zawieh Network	Section 02200	Approved

For more information, please visit
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