



USAID | **WEST BANK/GAZA**
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CONSTRUCTION MONTHLY PROGRESS REPORT

Reporting Period:

January 01 - January 31, 2015

IQC Basic Contract No.: AID-294-I-00-12-00003

Task Order Contract No.: AID - 294 - TO - 13 - 00018

WELLS REHABILITATION PROJECT-WER

February 03, 2015

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

CONSTRUCTION MONTHLY PROGRESS REPORT

Reporting Period:

January 01- January 31, 2015

PROJECT I-ARRABA WELL PUMP STATION-ARW

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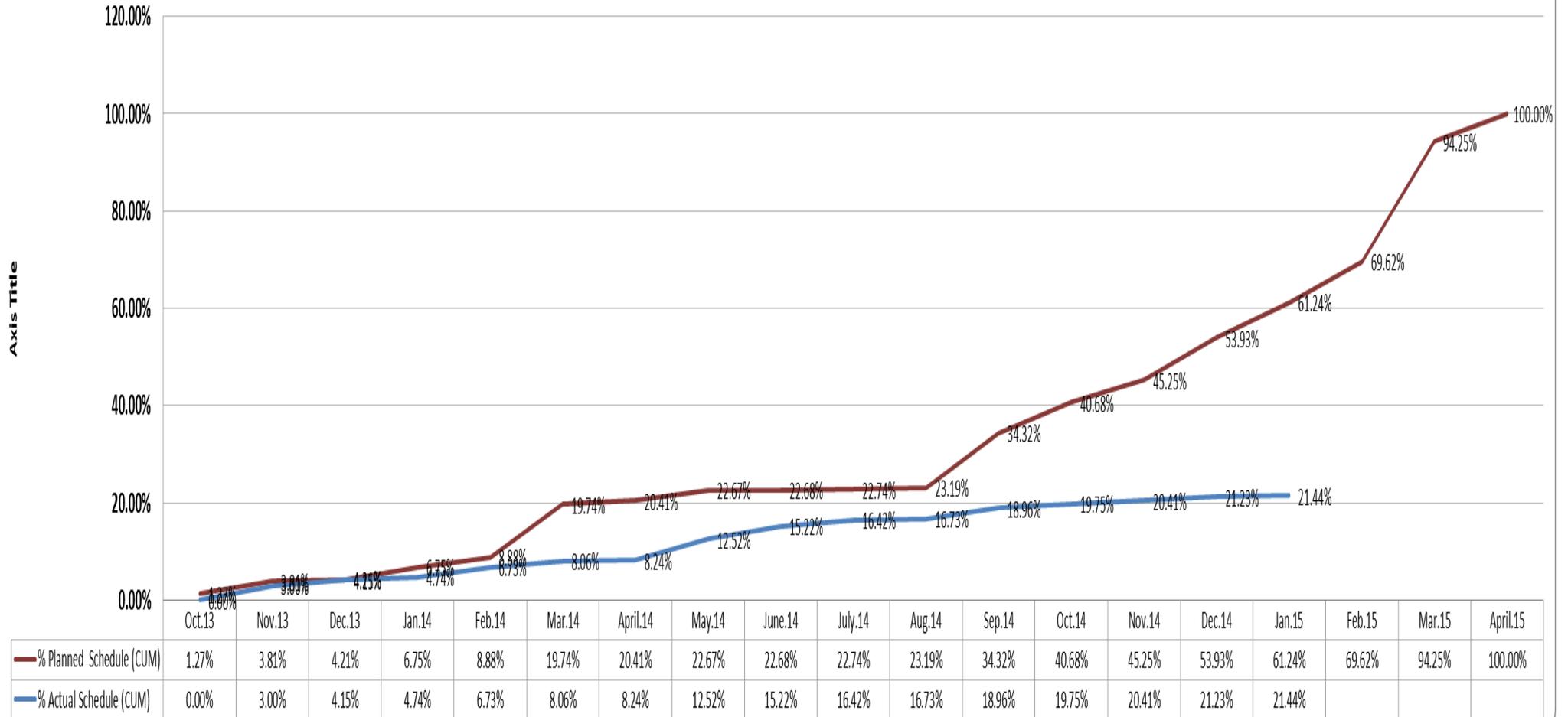
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1. Arraba Well (ARW) Dashboard Status

TO-13-00018-WER, Progress S-Curve ARW



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2. Public Relation and Outreach

- Taking photos that show the activities at the project site;
- Coordination with WBWD;
- Coordination with IEC (Israeli Electrical Company) representative regarding upgrading of existing main power supply.

3. Safety and Environmental Status

The Safety Plan and the Environmental Monitoring and Mitigation plan were approved by the CMC. Moreover, the Engineer's site office was furnished with the first aid kit and the two fire extinguishers (one carbon and one CO₂).

Traffic Management:

Traffic plan for Arraba project had been submitted, approved and applied.

Safety Meeting:

Safety meetings were conducted 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 (unless there are no activities onsite during the current reporting period).

- Arraba Well: Four toolbox meetings were conducted during the month of January 2015.

Environmental Status

Environmental Status was checked on daily basis, no environmental issues occurred during the reporting period.

Accident Status:

During the current reporting period (0) accident occurred.

The accident statistics for the month of January 2015 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 NUC's were issued during the reporting period.

Safety Conclusion:

The current level of safety is satisfactory with respect to the current work force and progress on site.

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Safety Photos:



Safety tool box meeting-ARW



Safety training for using rescue equipment-ARW



General cleaning (Housekeeping)-ARW

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Lighting for workers inside the balance tank ARW



Safe steel scaffolding for repair work inside the balance tank-ARW



Steel protection from rainwater-ARW

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Oil spots covered with sand -ARW



Safe ladder to enter the balance tank-ARW



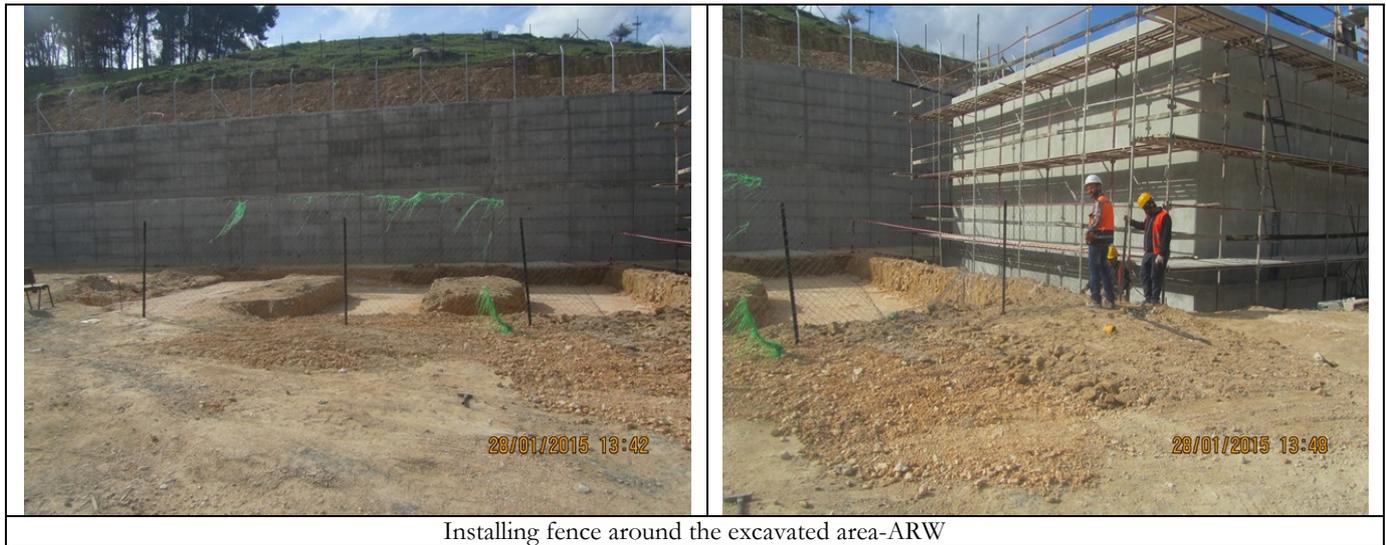
Trenches for rainwater -ARW



Spreading base coarse over mud areas-ARW

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Installing fence around the excavated area-ARW

4. Security Coordination

N/A

5. Material or Equipment Delivered to Site

Please find attachment No. ARW 22.4 Material and Equipment delivered to site.

6. Progress and Scheduling

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

Item	Percentage
Planned percentage complete	61.24%
Actual percentage complete	21.44%
Elapsed Time	84.73%

Table 6.1-ARW-Progress Summary Table

Project Overall Status: The above percentages are based on the revised CPM Schedule. The percentages shown above demonstrates that the project is still behind the schedule with 44 calendar days negative float due to electrical issue and procurement of electrical equipment. Updated recovery plan as of seventh of January 2015 to capture delays was submitted to the engineer and was approved on January 27, 2015.

During this reporting period, and after insuring safety, environmental measures and dust control on site, construction activities of all structures are ongoing. Concrete works of living quarter building are completed for walls and elevated slab. For the electrical metering building, concrete work for walls is finished, and for the electrical control room formwork and steel reinforcement of edge foundation and trenches is ongoing. Balance tank external and internal walls repair and surface preparation is still ongoing, and the tank is being prepared for leak testing which shall be conducted shortly.

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Manufacturing of well pump and booster pumps is now close to the testing phase and progress in this regard is continuing according to the planned schedule. Booster barrels are already received and delivered to sites where installation process of barrels will be commenced soon.

BV response on pumps VOR (VOR#007-A) was received and the contractor is finalizing his response with requested supporting documents to be re-submitted to the Engineer lately by second of February 2015. On one hand, the contractor received SM#018 that details changes in chlorination system and all relevant modifications with all modified shop drawings. Contractor is now working on shop drawings and relevant submittals to capture all changes and working on a VOR to capture changes accordingly. On the other hand, SM#019 regarding adding two smaller capacity boosters was also received from the CMC and the contractor is working closely with the manufacturer to finalize submittals for the new pumps and to prepare a VOR accordingly, in order to submit to the Engineer ASAP.

Construction submittals and shop drawings are continually submitted and relevant specific method statements for major construction activities are constantly prepared.

7. Submittal Status:

During the current reporting period 90 submittals, including resubmittals were delivered for both Arraba and Sanur wells as follows: 33 submittals for WER, 28 submittals for ARW and 29 submittals for SNW. Review comments were received for 77 of them, 10 submittals are still waiting engineer's response and three submittals were retracted. Engineer's review time for reviewed submittals ranged from one to 16 days. The following table and graph provide a summary of the submittals disposition status:

Submittal Disposition	Total
A – No Exceptions Noted	30
B - Make Corrections Noted	29
C- Amend and Resubmit	16
D- Rejected- Resubmit	0
E- Review Not Required	2
Retracted submittals	3
Total submittals delivered	90
Total submittals reviewed	77
Submittals delivered not reviewed	10

Table 7.2-WER-Submittal Disposition

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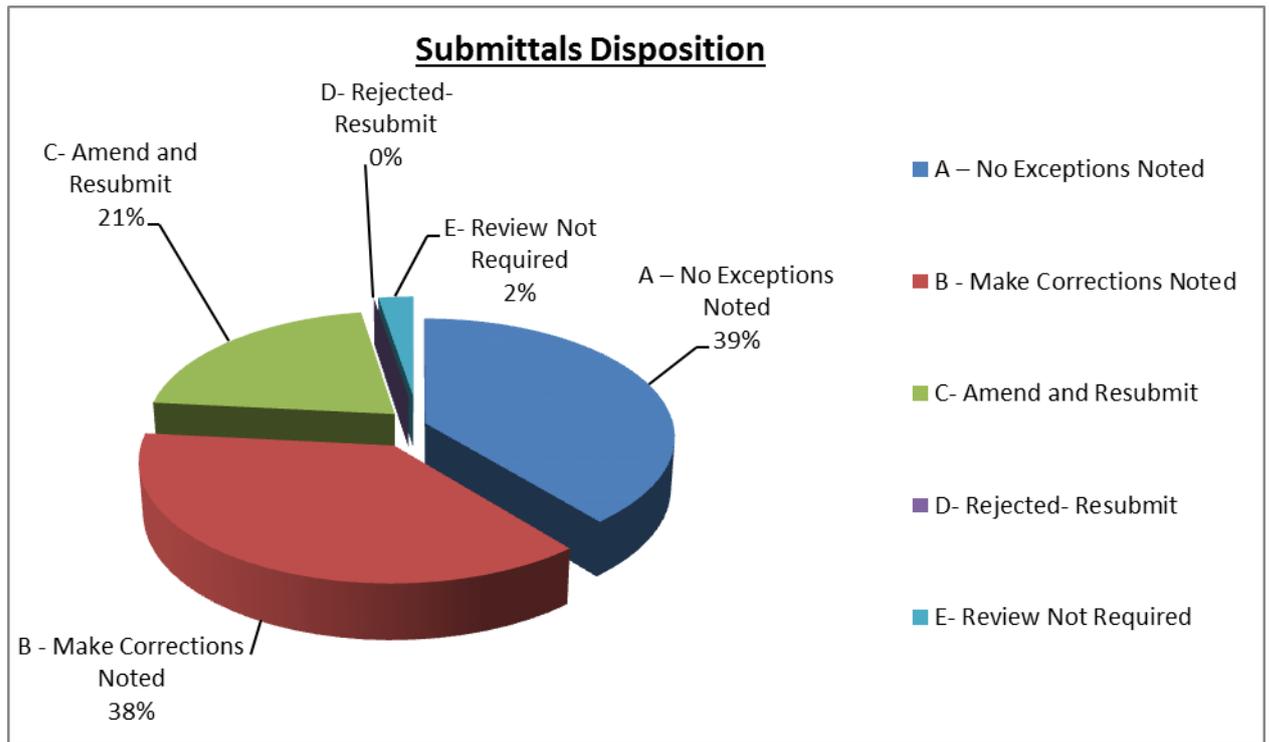


Figure 7.1-WER-Submittals Disposition Analysis

For further details, please see attachment ARW 22.6- Submittal Log

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

8.1 The following was achieved during the current reporting period:

- Completed balance tank surface walls preparation for external walls and tie rods holes filling; balance tank surface walls preparation for internal walls is still ongoing.
- Completed concrete works for the living quarter building including elevated slab except the parapet.
- Completed concrete casting for electrical metering building walls.
- Started formwork and steel reinforcement for electrical and control building edge foundations and trenches.
- Delivered booster barrels to the site.

8.2 The following are the main activities planned for next month:

- Excavations, compacting, backfilling mixing and layering of the chlorination room foundation.
- Formwork, steel reinforcement and concrete casting for:
 - Living quarter building parapet.
 - Metering building roof slab.

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- Electrical control building edge foundation, trenches and walls.
- Chlorination room slab on grade.
- Construct internal 10 cm block works with insulation for living quarter building.
- Balance tank testing, disinfection, and internal walls coating.
- Boosters room:
 - Excavate to reduce level.
 - Spread and compact required base course layers.
 - Install barrels.
 - Construct suction header slab on grade.
 - Construct discharge header slab on grade.
- Continue preparation and submission of construction submittals and shop drawings.
- Coordination with WBWD.

9. Updated Schedule

Please see Attachment ARW 22.1- updated schedule roll up & one-month look ahead.

10. Site Memos

One Site Memo was issued from the Engineer to the Contractor regarding ARW Project and another Site Memo was issued regarding WER during the current reporting period. For further details, please see Attachment ARW 22.3- Site Memo Log.

11. Inspection Requests

During the current reporting period, 25 Inspection Requests were submitted to the Engineer including resubmitted inspections, 13 inspections for Arraba well, 9 for Sanur well and three under TO-18-WER. For further details, please see Attachment ARW 22.5- Inspection Request Log.

12. Test Reports

Eleven testing reports had been conducted during the current reporting period; nine for Arraba Well and two test reports for WER. All tests passed according to the testing lab and conformed to QC specifications. For more details, see the table below:

Type of Material Test	No. of Tests Passed	No. of Tests Failed	No. of Tests (Results Not Received)	Total No. of Tests Submitted
Concrete	6			6
Welding	2			2

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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 Submitted
Soil	1			1
Substrata	2			2
Total	11			11

Table 12.1- ARW QC Analysis Table

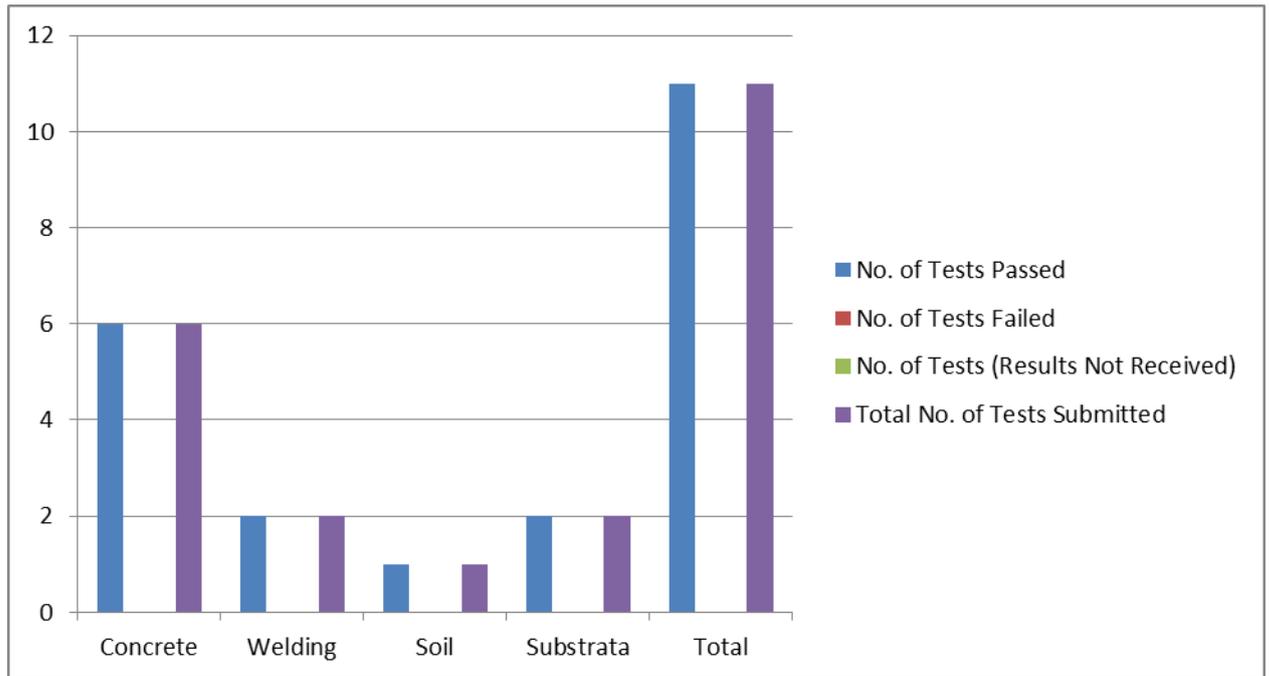


Figure 12.1- ARW QC Analysis Bar Chart

The following pictures show the quality control testing conducted during the current reporting period:

QC pictures for Arraba Well:



Photo Date- 15th of January, 2015: Collecting concrete samples and field tests for slab on grade and trenches for electrical metering building

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Photo Date- 18th of January , 2015: Collecting concrete samples and field tests for the living quarter building walls



Photo Date- 20th of January, 2015: Collecting compaction field density test for substrata reached level for electrical control building below SOG and Bearing capacity confirmation by HCL



Photo Date- 22nd of January, 2015: Collecting compaction field density test for substrata reached level for electrical control building below SOG of the edge foundations and two samples for soil classification for the existing road access by HCL.

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Photo Date- 25th of January, 2015: Collecting 2 samples for compaction field density test for subgrade for electrical control building below the edge foundations



Photo Date- 26th of January, 2015: Collecting 2 samples for compaction field density test for base course for electrical control building below the edge foundations



Photo Date- 26th of January, 2015: Collecting concrete samples and field tests for the Electrical Metering building walls

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Photo Date- 29th of January, 2015:Collecting concrete samples and field tests for the living quarter building elevated slab

QC pictures under WER:

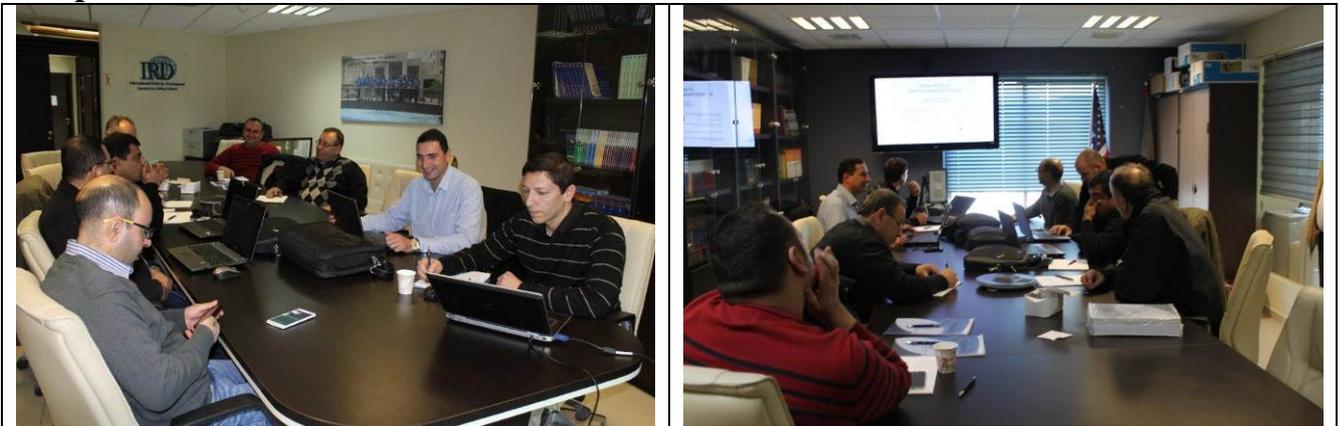


Photo Date- 25th of January, 2015: Conducting Day-2 pre-submittal conference meeting with IC-Systems Co. – IRD main office, Ramallah

13. Request for Information

Seven requests for information were submitted to the Engineer under TO-18-WER; three were reviewed by the CMC, one was retracted and three are still pending CMC review. For further information regarding the submitted RFIs, please see Attachment ARW 22.7-Request for Information Log.

14. Summary of Payments and Accrued Expenditures

IRD submitted its seventh payment under Task Order No. 13-00018 / INP II on December 31, 2014; the payment was reviewed and approved by CMC on January 04, 2015. The corresponding payment amount was received by USAID on January 20, 2015. This payment covers the period from October 29, 2014 to December 31, 2014.

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Payment No.	Period of Performance		Current Payment Amount	Previous	Cumulative to date	Payment Submission Date	CMC Approval Date	Date Payment Received	
	Quantity	Period From							Period To
7		Oct.29, 14	Dec.31, 14	170,310.73	962,624.22	1,132,934.95	Dec.31, 14	Jan. 04, 15	Jan. 20, 15

Table 14.1-ARW-Payment Summary

Accrued expenditures for Task Order 13-00018-ARW=
 \$1,397,376.01 - \$1,132,934.95 =\$264,441.06.

15. Variation Orders and Variation Order Requests

Two Variation Order Requests were submitted to the CMC under WER; no VOs issued during the reporting period; for more details, please refer to Attachment No. ARW 22.8 Variation Orders and Variation Order Requests Log.

16. Operation, Maintenance and Training

This section is not applicable for the current reporting period

17. Risk Management and Mitigation Measures

The following table summarizes the risks encountered for this project during the current reporting period:

Risk	Description	Responsible Party	Remedial Measures/Comments
Interruption or damage of underground utilities	The risk lays during excavation work and demobilization to hit or damage the underground utilities such as 10" pipe, and the buried electric cables	IRD-PM	During the excavation process, the contractor will take all safety measures to avoid hitting or damaging these utilities and will coordinate with local authorities to figure out the location of such utilities. The 10" pipe will be supported by steel supporting jacks to avoid bending and breaking during pumping process.
Construction activities in energized environment	This is an existing pumping station where power supply and electric boards shall be maintained according to contract until the last phase of construction.	IRD-PM	All power cables were isolated and protected. Tag-out lock-out procedure on electric boards is implemented.
Fall of personnel during construction of balancing tank.	Personnel working in construction activities are usually subject to sudden slippage off scaffolding and might get injured	IRD-PM	Holding safety toolbox meetings regularly to aware workers of existing danger. Apply safety measures by wearing PPTs. Avoid running over scaffoldings; maintain good

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Risk	Description	Responsible Party	Remedial Measures/Comments
	by reinforcing steel bars		housekeeping of the site in all times.
Fall of loose material during backfilling behind retaining wall and/or slipping of personnel and equipment due to wet ground.	The cut part in the hill west to the retaining wall could contain loose material that might be released and fall during rainy times. Slipping could occur due to rain and that will wet the ground.	IRD-PM	1- Initial release of any possible loose materials. 2- All working personnel on moving equipment are instructed to strictly follow flagman directions. 3- Working personnel are instructed to avoid working and moving on wet ground, they should wait until the ground is dry. 4- The high area facing the retaining wall from western side is covered with and protected with plastic shelters from the highest point to the bottom of the ground.
Delay in procurement of electrical equipment	Procurement of electrical equipment (control and instrumentation) might encounter a delay due changing the supplier. The original supplier failed to fulfill specifications as per first few submittals he provided which were rejected by the Engineer.	IRD-PM	IRD and its subcontractor are working in parallel with Schneider from Israel on electrical equipment. On the other hand, huge efforts are made to accelerate submission process of the relevant submittals and to accelerate the manufacturing period as much as possible to save time.
Working in confined space (Balance Tank).	The balance tank has a limited or restricted means for entry or exit that may complicate the provision of first aid, evacuation, rescue, or other emergency response service. Besides, concrete surfaces repair of internal walls will produce dust, gases, etc. which could harm repair staff.	IRD-PM	-Approved confined space safety plan shall be implemented prior conducting any repair inside Balance Tanks. - Tool box meetings were held (and will be regularly held during work) to enhance staff awareness of risks and dangers during implementation of such activities.

For more details, please refer to Attachment No. ARW 22.10 Risk Register Table.

18. Summary of Working/Non-Working Days

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

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1.	Total Period of Performance (Original)	550 Calendar Days
2.	Total Excusable delays/approved extensions	None
3.	Modified Period of Performance	None
4.	Modified Completion Date	None
5.	No. of Working Days	27 Calendar Days
6.	Accumulated Working Days	414 Calendar Days
7.	Total No. of non-working days (Holidays and weekends)	4 Calendar Days
8.	Accumulated non-working days (Holidays and weekends)	57 Calendar Days
9.	No. of other non-working days during this month	0 Calendar Days
10.	Accumulated other non-working days	4 Calendar Days

Table 18.1-ARW-Summary of Working/ Non-Working Days

19. Project Indicators

19.1 Indicator #1: Quantity of drinking water available as a result of USG assistance

Target Value for Project 1:

The capacity of the added facility in cubic meters or the volume of water that will be pumped by the new substation.	120 cubic meter per hour = 2,880 m ³ per day
The average consumption rate of Palestinians (per capita) for Jenin Governorate (Calculation based on the Palestinian water authority, the total quantity of water delivered to Jenin Governorate is 4,252,438 for 2011 and no. of population of 269,793)	$(4,252,438)\text{m}^3/365 \text{ day}/(269,793 \text{ capita}) = 0.043 \text{ m}^3/\text{capita} / \text{day} = 43 \text{ L/Capita/Day}$
No. of Beneficiaries	$2,880/0.043 = 66,977 \text{ capita}$

Table 19.1-ARW-Target Value for Project 1

19.2 Indicator #2: Person days of Employment Generated

The following is the employment generated in Person days for Project 1 during the reporting period:

- Estimated Target Value: 22,485.50 person days;
- Employment generated previously: 7879 person days;
- Employment generated this month: 620 person days;
- Total cumulative employment generated to-date: 8500 person days.

20. General Comments, Arisen Issues, Risks and Problems Encountered

No problems encountered during this reporting period.

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21. Construction Photos

	
<p>Photo Date- 1st of January, 2015: Continue formwork for Living Quarter walls.</p>	<p>Photo Date- 1st of January, 2015: Continue backfilling behind retaining wall.</p>
	
<p>Photo Date- 4th of January, 2015: The Israeli water department measuring static water level.</p>	<p>Photo Date- 6th of January, 2015: Continue formwork for the living quarter walls.</p>
	
<p>Photo Date- 6th of January, 2015: Start steel reinforcement for the living quarter walls.</p>	<p>Photo Date- 11th of January, 2015: Start surface preparation and repair of the balance tank internal walls.</p>

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Photo Date- 12th of January, 2015: Continue surface preparation and repair of the Balance Tank internal walls.



Photo Date- 12th of January, 2015: Continue formwork and steel reinforcement for Living Quarter walls.



Photo Date- 13th of January, 2015: Continue surface preparation and repair of the Balance Tank internal walls.



Photo Date- 13th of January, 2015: Finishing formwork and steel reinforcement of the Living Quarter walls.



Photo Date- 13th of January, 2015: Continue formwork and steel reinforcement for the slab on grade of Electrical Metering building and finish layering of the vapor barrier.



Photo Date- 13th of January, 2015: Continue formwork and steel reinforcement for the slab on grade of Electrical Metering building and finish layering of the vapor barrier.

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Photo Date- 14th of January, 2015: Continue surface preparation and repair of the Balance Tank internal walls.



Photo Date- 14th of January, 2015: Start outside shuttering of the Living Quarter walls.



Photo Date- 14th of January, 2015: Finish formwork and steel reinforcement of the slab on grade for Electrical Metering building and finish installation of the trench edge angles.



Photo Date- 15th of January, 2015: Continue surface preparation and repair of the Balance Tank internal walls.



Photo Date- 15th of January, 2015: Continue closing formwork of the walls of Living Quarter building.

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Photo Date- 15th of January, 2015: Start and finish casting concrete for the slab on grade and trenches of Electrical Metering building.



Photo Date- 15th of January, 2015: Start and finish installation of the AC copper pipes for Living Quarter building.



Photo Date- 17th of January, 2015: Continue closing formwork for Living Quarter walls.



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Photo Date- 17th of January, 2015: Start and finish removing formwork of the slab on grade and trenches for Electrical Metering building.



Photo Date- 18th of January, 2015: Continue surface preparation and repair of Balance Tank external walls.



Photo Date- 18th of January, 2015: Start and finish casting concrete for the Living Quarter building walls.



Photo Date- 18th of January, 2015: Continue curing concrete of the slab on grade and trenches for the Electrical Metering building.



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<p>Photo Date- 19th of January, 2015: Start excavations for the Electrical Control building foundations.</p>	<p>Photo Date- 18th of January, 2015: Start formwork of the Electrical Metering building walls.</p>
	
<p>Photo Date- 19th of January, 2015: Securing temporary power supply for field offices when the utility transformer went out of order.</p>	<p>Photo Date- 19th of January, 2015: Replacement of the damaged utility transformer by IEC.</p>
	
<p>Photo Date- 19th of January, 2015: Site visit by an independent monitor.</p>	<p>Photo Date- 20th of January, 2015: leveling & compaction of the reached substrata below the slab on grade for the Electrical Control building.</p>
	

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<p>Photo Date- 20th of January, 2015: Continue formwork of the Electrical Metering building walls.</p>	<p>Photo Date- 20th of January, 2015: Strat applying RENDROC FC coating for Balance Tank external walls.</p>
	
<p>Photo Date- 20th of January, 2015: Resuming pumping to communities after replacement of damaged utility transformer.</p>	

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Photo Date- 21st of January, 2015: Continue excavations-edge foundation-for the Electrical Control building.



Photo Date- 21st of January, 2015: Continue formwork and start steel reinforcement for Electrical Metering building walls.



Photo Date- 21st of January, 2015: Continue filling the tie rod holes with Conbextra HF for balance tank internal walls.



Photo Date- 22nd of January, 2015: Start leveling and compaction of the reached substrata level below the slab on grade for the edge foundations of the Electrical Control building.



Photo Date- 22nd of January, 2015: Continue formwork and steel reinforcement for Electrical Metering building walls.



Photo Date- 22nd of January, 2015: Start and finish installing mechanical sleeves & electrical conduits for Electrical Metering building walls.

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Photo Date- 22nd of January, 2015: Continue filling the tie rods holes with Conbextra HF for balance tank internal walls.



Photo Date- 24th of January, 2015: Start mixing, layering, leveling and compacting of the subgrade layer below the slab on grade, for the edge foundations of the Electrical Control building



Photo Date- 24th of January, 2015: Continue formwork and steel reinforcement for Electrical Metering building walls.



Photo Date- 24th of January, 2015: Continue applying RENDROC FC coat for balance tank external walls.



Photo Date- 24th of January, 2015: Start and finish welding steel blind caps on the 12", 6", 4" thimbles and installing two 4" gate valves on the balance tank inlet and outlet prior to start leak test.



Photo Date- 25th of January, 2015: Conducting Day-2 pre-submittal conference meeting with IC-Systems Company.

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Photo Date- 25th of January, 2015: Finish mixing, layering, leveling and compacting the subgrade layer below the edge foundations and trenches for the Electrical Control building.



Photo Date- 25th of January, 2015: Continue formwork and steel reinforcement for Electrical Metering building walls, and start closing formwork.



Photo Date- 26th of January, 2015: Start and finish Mixing, layering, leveling and Compacting the base course layer below the edge foundations and trenches for the Electrical Control building.



Photo Date- 26th of January, 2015: Start and finish casting concrete for the Electrical Metering building walls.



Photo Date- 26th of January, 2015: Start preparation works for the additional storage yard at ARW.



Photo Date- 27th of January, 2015: Start formwork for the Living Quarter elevated slab.

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Photo Date- 27th of January, 2015: Strat and finish excavation of the main duct bank for the Electrical Control building below the trench foundations.



Photo Date- 28th of January, 2015: Continue formwork and start steel reinforcement for the Living Quarter elevated slab and installation of electrical conduits.



Photo Date- 28th of January, 2015: Continue concrete surface preparations of the Balance Tank internal walls.



Photo Date- 29th of January, 2015: Start and finish casting concrete for the Living Quarter elevated slab.



Photo Date- 29th of January, 2015: Finish installation for electrical conduits of the Living Quarter elevated slab.



Photo Date- 29th of January, 2015: Start formwork for Electrical Control building edge foundation and trenches.

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Photo Date- 29th of January, 2015: Installation of power and control PVC conduits on the Electrical Control building trenches and pouring concrete on the conduits.



Photo Date- 30th of January, 2015: Start curing concrete for the Living Quarter building elevated slab.



Photo Date- 31st of January, 2015: Finish removing formwork for the Electrical Metering building walls.



Photo Date- 31st of January, 2015: Start and finish installing vapor barrier sheets in Electrical Control building trenches.



Photo Date- 31st of January, 2015: Continue formwork and start steel reinforcement for Electrical Control building edge foundation and trenches.

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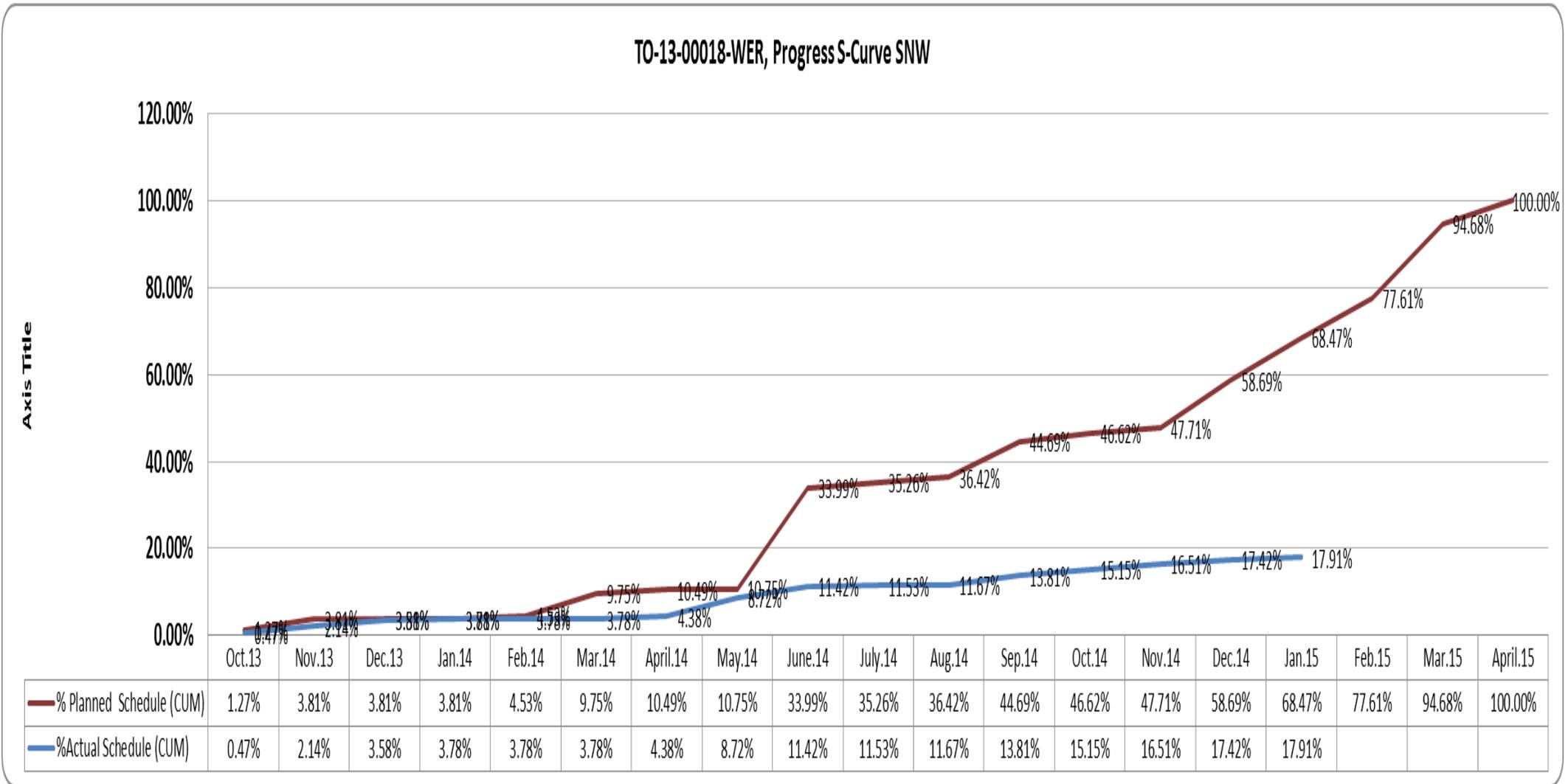
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1. Sanur Well (SNW) Dashboard Status



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2. 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;
- Coordination with WBWD;
- Coordination with IEC (Israeli Electrical Company) representative regarding upgrading of existing main power supply.

3. Safety and Environmental Status

The Safety Plan and the Environmental Monitoring and Mitigation plan were approved by the CMC. Moreover, the Engineer's site office was furnished with the first aid kit and the two fire extinguishers (one carbon and one CO₂).

Traffic Management:

Traffic plan for SNW project had been submitted and approved.

Safety Meeting:

Safety meetings were conducted 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 (unless there are no activities onsite during the current reporting period).

- Sanur Well: Four toolbox meetings were conducted during the month of January 2015.

Environmental Status

Environmental status was checked on daily basis; no environmental issues occurred during the reporting period.

Accident Status:

During the current reporting period (0) accident occurred.

The accident statistics for the month of January 2015 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 NUC's were issued during the reporting period.

Safety Violation Notice

During the current reporting period (0) accident occurred

Safety Conclusion:

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The current level of safety is satisfactory with respect to the current work force and progress on site.

Safety Photos



Safety toolbox meeting-SNW



Spreading and compacting base coarse over the mud areas-SNW

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Trenches for rainwater -SNW



Plastic caps for steel bars-SNW



General cleaning (housekeeping)-SNW

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General cleaning (housekeeping)-SNW



Checking the oxygen percentage inside the balance tank before starting work-SNW

Signing work permit in the balance tank-SNW

4. Security Coordination

N/A

5. Material or Equipment Delivered to Site

Please find attachment No. 22.4 Material and Equipment Delivered to Site.

6. Progress and Scheduling

The following table provides a summary of the project progress status

Item	Percentage
Planned percentage complete	68.47%
Actual percentage complete	17.91%
Elapsed Time	80.76%

Table 6.1-SNW-Progress Summary Table

Project Overall Status: The above percentages are based on the revised CPM Schedule. The percentages shown above demonstrates that the project is still behind

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the schedule with 24 calendar days negative float due to electrical issue and procurement of electrical equipment. Updated recovery plan as of seventh of January, 2015 to capture delays was submitted to the engineer and was approved on January 27, 2015.

During the current reporting period, pumping to communities as per contract is continued with the existing VLST pump. As for construction progress, the balance tank internal walls concrete surface preparation is still ongoing; and preparing the tank for leak testing was completed. Concrete works of electrical metering building including roof slab are completed except the parapet. For the boundary fence, concrete isolation by Bitumen of the foundation and lower part of the fence wall (from St. 0+00 to St. 0+068) is accomplished. For the living quarter, roof slab parapet formwork, reinforcement and concrete casting is completed. Besides, the contractor furnished and installed 10 cm block including 30 mm polyester insulation. As for the electrical and control building, formwork, reinforcement and concrete casting of the foundation is done. Formwork and reinforcement of the trench and walls foundation is ongoing including installation of electrical conduits and sleeves.

BV response on pumps VOR (VOR#007-A) was received and the contractor is finalizing his response with necessary supporting documents to be re-submitted to the Engineer lately by February 2, 2015. On the other hand, the contractor received SM#018 that details changes in chlorination system and all relevant modifications with all modified shop drawings. Contractor is now working on shop drawings and relevant submittals to capture all changes and working out a VOR to capture changes accordingly. On the other hand, and as per BV response on RFI#030, the contractor received SM#016 regarding retaining wall and a VOR in this regard is being prepared and will be submitted for the Engineer review soon.

Pumping to the local communities: Pumping water to the local communities was stopped for maintenance & due to malfunction in the main power supply on January 03, 2015 at 10:00 PM and was resumed on January 13, 2015 at 4:30 AM after maintaining the operating system of the well pump. The pumping was stopped again on January 17, 2015 between 2:00 AM to 9:50 AM for maintenance; pumping was then resumed normally after that.

Construction submittals and shop drawings are continually submitted and relevant specific method statements for major construction activities are constantly prepared. For further details regarding the project progress, please see Attachment SNW 22.1-Updated Schedule Roll Up.

7. Submittal Status

During the current reporting period 90 submittals, including resubmittals were delivered for both Arraba and Sanur wells as follows: 33 submittals for WER, 28 submittals for ARW and 29 submittals for SNW. Review comments were received for 77 of them, 10 submittals are still waiting engineer's response and three submittals were retracted. Engineer's review time for reviewed submittals ranged from one to 16

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days. The following table and graph provide a summary of the submittals disposition status:

Submittal Disposition	Total
A – No Exceptions Noted	30
B - Make Corrections Noted	29
C- Amend and Resubmit	16
D- Rejected- Resubmit	0
E- Review Not Required	2
Retracted submittals	3
Total submittals delivered	90
Total submittals reviewed	77
Submittals delivered not reviewed	10

Table 7.2-WER-Submittal Disposition

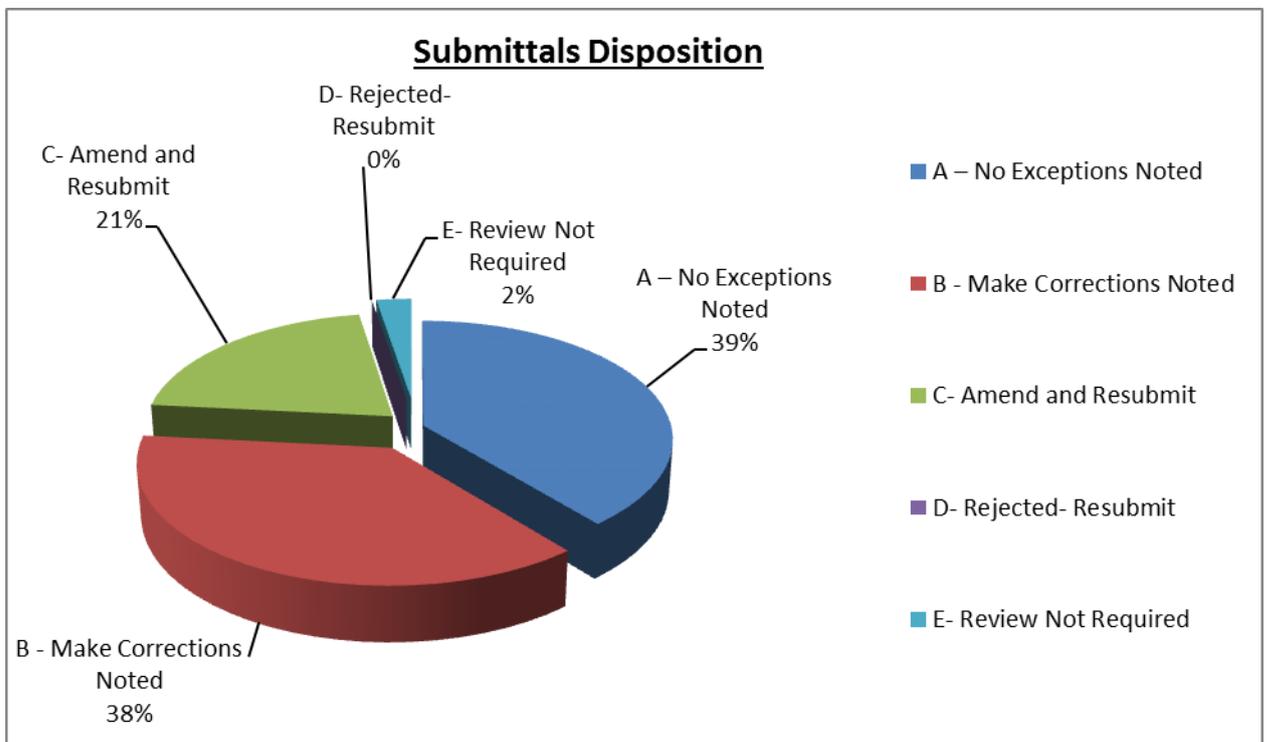


Figure 7.1-WER-Submittals Disposition Analysis

For further details, please see attachment SNW 22.6- Submittal Log

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

8.1 The following was achieved during the current reporting period:

- Continue pumping to local communities with the VLST pump.

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- Completed construction of living quarter parapet while block works are still ongoing.
- Balance tank internal walls and floor concrete surface repair and preparations for leak testing are still ongoing.
- Completed concrete works for the electrical metering building including elevated slab except the parapet.
- Completed concrete casting for the electrical and control room foundation, and working on formwork and steel reinforcement of the trenches and walls foundation.
- Delivered boosters barrels to the site.
- Construction submittals and shop drawings preparation and submission.

8.2 The following are the main activities planned for next month:

- For the Balance Tank: Finish internal surface repair, preparation for leak test and conducting leak test.
- Living Quarter:
 - Install all marble cells.
 - Install all parapet copings.
 - Install doors frames.
 - Apply plastering works.
- Electrical Metering building:
 - Construct internal 10 cm block works.
 - Construct roof slab parapet.
- Electrical and Control building:
 - Construct electrical trench and wall foundation.
 - Construct slab on grade of the building.
 - Construct building walls and roof slab.
- Chlorination Building Activities:
 - Formwork, reinforcement and concrete casting of foundation and slab on grade.
- Boosters Room:
 - Excavate to reduce level.
 - Spread and compact required base course layers.
 - Install barrels.
 - Construct suction header slab on grade.
 - Construct discharge header slab on grade.
- Continue preparation and submission of construction submittals and shop drawings.
- Coordination with WBWD.

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9. Updated Schedule

Please see Attachment SNW 22.1- updated schedule roll up & one-month look ahead.

10. Site Memos

Three Site Memos were issued from the Engineer to the Contractor regarding SNW Project and another Site Memo was issued regarding WER during the current reporting period. For further details, please see Attachment SNW 22.3- Site Memo Log.

11. Inspection Requests

During the current reporting period, 25 Inspection Requests were submitted to the Engineer including resubmitted inspections, 13 inspections for Arraba well, 9 for Sanur well and three under TO-18-WER. For further details, please see Attachment SNW 22.5- Inspection Request Log.

12. Test Reports

Thirteen testing reports had been conducted during the current reporting period; eleven for Sanur Well and two test reports for WER. All tests passed according to the testing lab and conformed to QC specifications except for the concrete test under SUB-00018-SNW-752-A, the lab test result did not comply with the specifications (concrete compressive strength was below 70%). This failed result was due to the very cold weather at the day the “seven days” test appointment was conducted, which was in Jan.13, 2015. Passing the test will be correlated with 28 days result. For more details, see the table below:

Type of Material Test	No. of Tests Passed	No. of Tests Failed	No. of Tests (Results Not Received)	Total No. of Tests Submitted
Concrete	7	1	0	8
Concrete Block	2	0	0	2
Base Course	1	0	0	1
Welding	2	0	0	2
Total	12	1	0	13

Table 12.1- SNW QC Analysis Table

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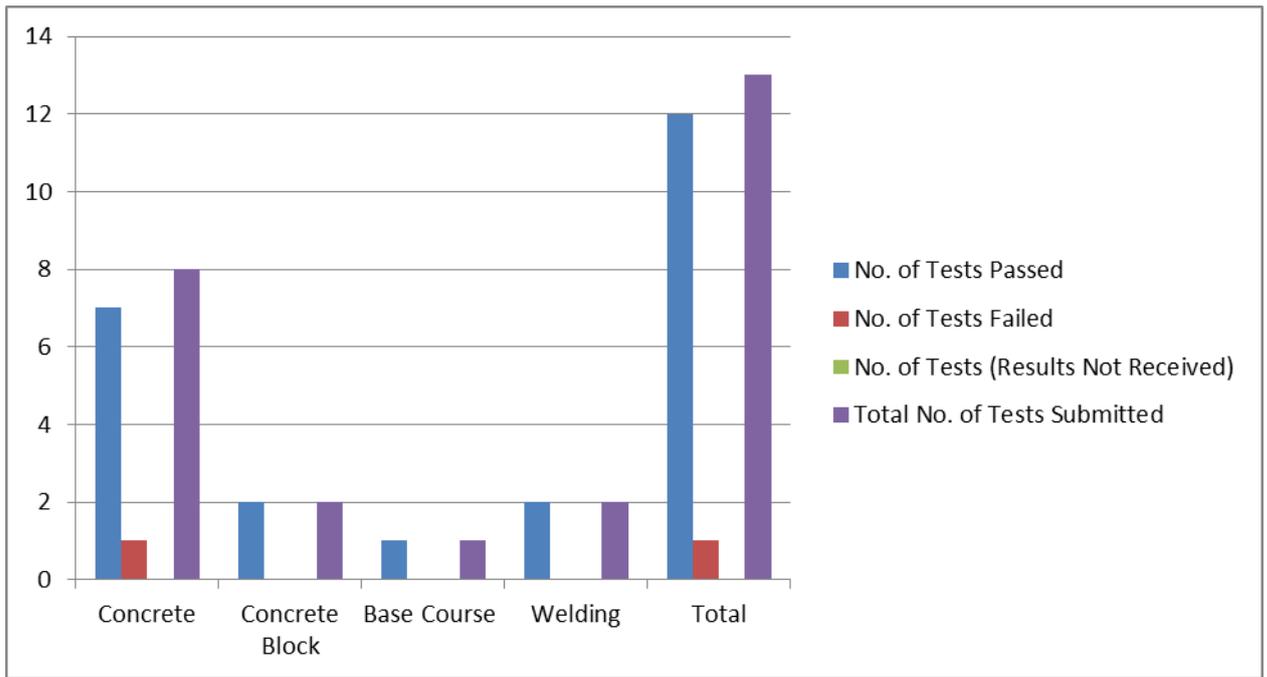


Figure 12.1-SNW QC Analysis Bar Chart

The following pictures show the quality control testing conducted during the current reporting period:

QC pictures for Sanur Well:



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Photo Date- 13th of January, 2015: Collecting block samples (10 cm & 20 cm) form the site



Photo Date- 20th of January, 2015: Collecting concrete samples and field tests for the electrical metering building walls



Photo Date- 26th of January, 2015: Collecting concrete samples and field tests for the electrical control building foundation

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Photo Date- 29th of January, 2015: Collecting concrete samples and field tests for the electrical metering building elevated slab

QC pictures under WER:

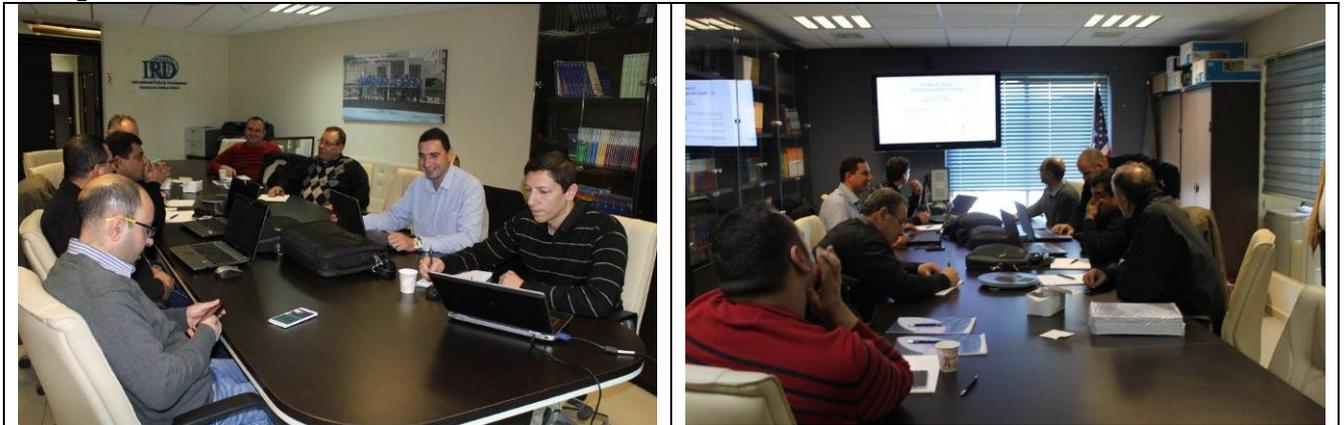


Photo Date- 25th of January, 2015: Conducting Day-2 pre-submittal conference meeting with IC-Systems Co. – IRD main office, Ramallah

13. Request for Information

Seven requests for information were submitted to the Engineer under TO-18-WER; three were reviewed by the CMC, one was retracted and three are still pending CMC review. For further information regarding the submitted RFIs, please see Attachment SNW 22.7-Request for Information Log.

14. Summary of Payments and Accrued Expenditures

IRD submitted its seventh payment under Task Order No. 13-00018 / INP II on December 31, 2014; the payment was reviewed and approved by CMC on January 04, 2015. The corresponding payment amount was received by USAID on January 20, 2015. This payment covers the period from October 29, 2014 to December 31, 2014.

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Payment No.	Period of Performance		Current Payment Amount	Previous	Cumulative to date	Payment Submission Date	CMC Approval Date	Date Payment Received	
	Quantity	Period From							Period To
7		Oct.29, 14	Dec.31, 14	192,680.59	740,396.15	933,076.74	Dec.31, 14	Jan. 04, 15	Jan. 20, 15

Table 14.1-SNW-Payment Summary

Accrued expenditures for Task Order 13-00018-SNW=
 $\$1,279,043.07 - \$933,076.74 = \$345,966.33$.

15. Variation Orders and Variation Order Requests

Two Variation Order Requests were submitted to the CMC under WER; no VOs issued during the reporting period; for more details, please refer to Attachment No. SNW 22.8 Variation Orders and Variation Order Requests Log.

16. Operation, Maintenance and Training

This section is not applicable for the current reporting period

17. Risk Management and Mitigation Measures

The following table summarizes the risks encountered for this project during the current reporting period:

Risk	Description	Responsible Party	Remedial Measures/Comments
Interruption or damage of underground utilities	The risk exists during excavation work and demobilization in hitting or damaging the underground utilities such existing piping system and/or the buried electric cables.	IRD-PM	During the excavation process, the contractor will take all safety measures to avoid hitting or damaging these utilities and will coordinate with local authorities to figure out the location of such utilities. The underground power cable was exposed then protected properly. Piping system -in all times- will be avoided during excavations and necessary repair will immediately be performed if any pipe is incidentally broken.
Construction activities in energized environment	This is an existing pumping station where power supply and electric boards shall be maintained according to contract until the last phase of construction.	IRD-PM	All power cables were isolated and protected. Tag-out lock-out procedure on electric boards is implemented.
Falls and Equipment	These hazards include exposure to falls, falling loads, and mobile equipment.	IRD-PM	Keep materials or equipment that might fall or roll into an excavation at least 2 feet from the edge of excavations, or have retaining devices, or both. Provide warning systems such as mobile equipment, barricades. To avoid being struck by any spillage or falling

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Risk	Description	Responsible Party	Remedial Measures/Comments
			materials, require employees to stand away from vehicles being loaded or unloaded.
Delay in procurement of electrical equipment	Procurement of electrical equipment (control and instrumentation) might encounter a delay due changing the supplier. The original supplier failed to fulfill specifications as per first few submittals he provided which were rejected by the Engineer.	IRD-PM	IRD and its subcontractor are working in parallel with Schneider from Israel on electrical equipment. On the other hand, huge efforts are made to accelerate submission process of the relevant submittals and to accelerate the manufacturing period as much as possible to save time.
Working in confined space (balance tank).	The balance tank has a limited or restricted means for entry or exit that may complicate the provision of first aid, evacuation, rescue, or other emergency response service. Besides, concrete surfaces repair of internal walls will produce dust, gases, etc. which could harm repair staff.	IRD-PM	-Approved confined space safety plan shall be implemented prior conducting any repair inside Balance Tanks. - Tool box meetings were held (and will be regularly held during work) to enhance staff awareness of risks and dangers during implementation of such activities.

For more details, please refer to Attachment No. SNW 22.10 Risk Register Table.

18. 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)	550 Calendar Days
2.	Total Excusable delays/approved extensions	27 CD
3.	Modified Period of Performance	577 Calendar Days
4.	Modified Completion Date	May 22, 2015
5.	No. of Working Days	26 Calendar Days
6.	Accumulated Working Days	405 Calendar Days
7.	Total No. of non-working days (Holidays and weekends)	5 Calendar Days
8.	Accumulated non-working days (Holidays and weekends)	57 Calendar Days
9.	No. of other non-working days during this month	0 Calendar Days
10.	Accumulated other non-working days	4 Calendar Days

Table 18.1-SNW-Summary of Working/ Non-Working Days

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19. Project Indicators

19.1 Indicator #1: Quantity of drinking water available as a result of USG assistance

Target Value for Project 2:

The capacity of the added facility in cubic meters or the volume of water that will be pumped by the new substation.	150 cubic meter per hour = 3,600 m ³ per day
The average consumption rate of Palestinians (per capita) for Jenin Governorate (Calculation based on the Palestinian water authority, the total quantity of water delivered to Jenin Governorate is 4,252,438 for 2011 and no. of population of 269,7937)	$(4,252,438)m^3/365 \text{ day} / (269,793 \text{ capita}) = 0.043 \text{ m}^3/\text{capita} / \text{day} = 43 \text{ L/Capita/Day}$
No. of Beneficiaries	$3,600/0.043 = 83,721 \text{ capita}$

Table 19.1-SNW-Target Value for Project 2

19.2 Indicator #2: Person days of Employment Generated

The following is the employment generated in Person days for Project 2 during the reporting period:

- Estimated Target Value: 20,208.50 person days;
- Employment generated previously: 6391 person days;
- Employment generated this month: 589 person days;
- Total cumulative employment generated to-date: 6980 person days.

20. General Comments, Arisen Issues, Risks and Problems Encountered

No problems encountered during this reporting period.

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21. Construction Photos



Photo Date- 1st of January, 2015: Start and finish formwork de-shuttering for fence wall section BC from station 0+016 to 0+068.



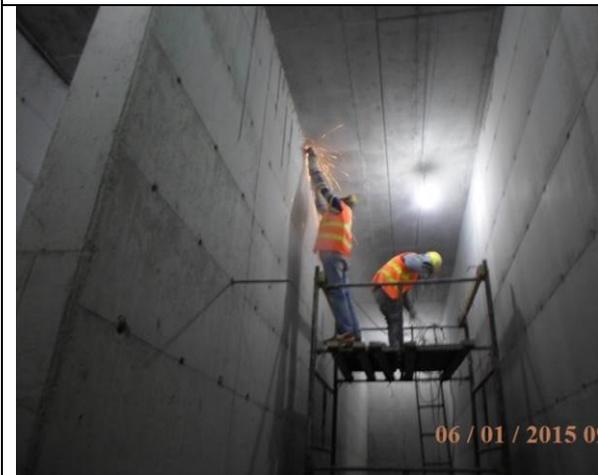
Photo Date- 1st of January, 2015: Start and finish fixing and welding galvanized steel angle for Electrical Metering building trench.



Photo Date- 5th of January, 2015: Start applying 1st coat of Nito-Proof 30 for fence wall section BC from station 0+016 to 0+068.

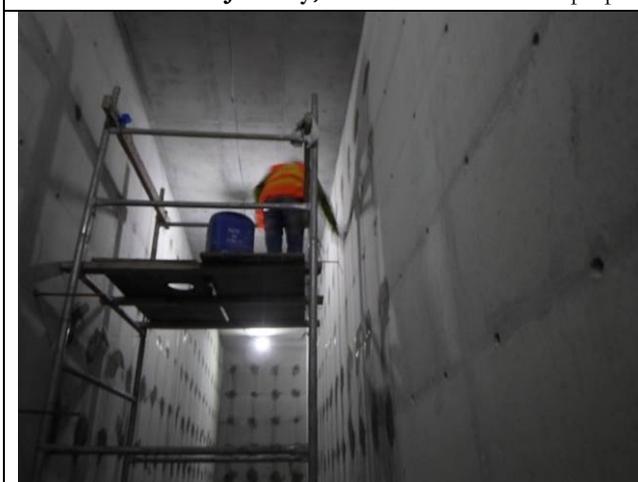
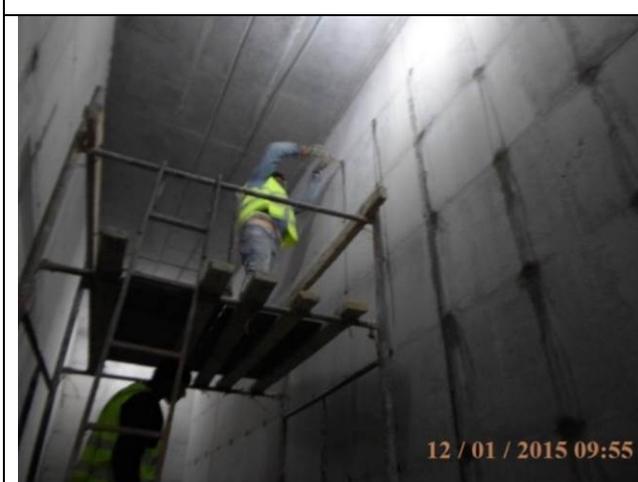
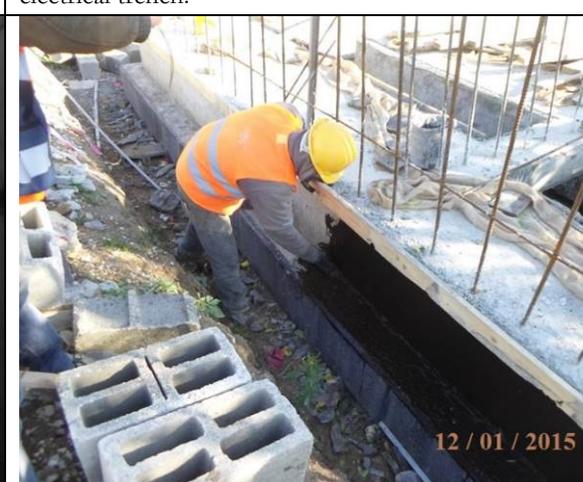


Photo Date- 6th of January, 2015: Start and finish backfilling behind fence wall from station 0+00 to station 0+068 (Outside).



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<p>Photo Date- 6th of January, 2015: Start surface preparation and repair of the Balance Tank internal walls.</p>	<p>Photo Date- 6th of January, 2015: Start and finish casting concrete for Electrical Metering slab on grade and electrical trench.</p>
	
<p>Photo Date- 8th of January, 2015: Continue surface preparation and repair of the Balance Tank internal walls.</p>	
	
<p>Photo Date- 11th of January, 2015: Continue surface preparation and repair of the Balance Tank internal walls.</p>	<p>Photo Date- 11th of January, 2015: Start curing concrete for Electrical Metering slab on grade and electrical trench.</p>
	
<p>Photo Date- 12th of January, 2015: Continue surface</p>	<p>Photo Date- 12th of January, 2015: Start and finish</p>

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preparation and repair of the Balance Tank internal walls.



Photo Date- 12th of January, 2015: Start backfilling and compaction behind fence wall (internal side) from station 0+00 to 0+068.

applying 1st coat of Nito-Proof 30 for Electrical Metering foundation.



Photo Date- 13th of January, 2015: Continue surface preparation and repair of the Balance Tank internal walls.



Photo Date- 13th of January, 2015: Start and finish applying 2nd coat of Nito-Proof 30 for Electrical Metering foundation.



Photo Date- 13th of January, 2015: Start formwork of the walls of the Electrical Metering building.



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Photo Date- 14th of January, 2015: Cleaning dowels from concrete residue in the Electrical Metering Building.



Photo Date- 14th of January, 2015: Start steel profiles removal from the construction joints of the top of the Balance Tank roof slab.



Photo Date- 14th of January, 2015: Continue formwork and start steel reinforcement for Electrical Metering walls.



Photo Date- 15th of January, 2015: Start installation of electrical conduits and Earthing boxes, and continue formwork and steel reinforcement for Electrical Metering building.



Photo Date- 17th of January, 2015: Continue removing the steel profiles from the construction joints of the top of the Balance Tank roof slab.



Photo Date- 19th of January, 2015: Continue formwork and steel reinforcement for Electrical Metering building walls.



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Photo Date- 19th of January, 2015: Start block works inside the Living Quarter building.



Photo Date- 19th of January, 2015: Site visit by an independent monitor.



Photo Date- 20th of January, 2015: Start and finish casting concrete for Electrical Metering building walls.



Photo Date- 20th of January, 2015: Continue block works inside the Living Quarter building.

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Photo Date- 21st of January, 2015: Start formwork for the Electrical Control Building Foundation



Photo Date- 21st of January, 2015: Continue block works inside the Living Quarter building.



Photo Date- 22nd of January, 2015: Continue formwork and start steel reinforcement for the Electrical Control building foundation.



Photo Date- 22nd of January, 2015: Continue block works inside the Living Quarter building.



Photo Date- 22nd of January, 2015: Delivering Booster Pump barrels to the site.



Photo Date- 24th of January, 2015: Continue formwork and steel reinforcement for the Electrical Control building foundation.

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Photo Date- 24th of January, 2015: Start and finish welding steel blind caps on the 12”, 6”, 4” thimbles and installing two 4” gate valves on the balance tank inlet and outlet prior to start leak test.



Photo Date- 25th of January, 2015: Conducting Day-2 pre-submittal conference meeting with IC-Systems Company.



Photo Date- 25th of January, 2015: Finish formwork and steel reinforcement for the Electrical Control building foundation.



Photo Date- 25th of January, 2015: Start and finish removing formwork for Electrical Metering building walls.



Photo Date- 26th of January, 2015: Start and finish casting concrete for the Electrical Control building foundation.



Photo Date- 26th of January, 2015: Continue block works inside the Living Quarter building.

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Photo Date- 27th of January, 2015: Start curing concrete for the Electrical Control building foundation.



Photo Date- 27th of January, 2015: Site visit- Auditors from USAID and BV Construction Manager.



Photo Date- 28th of January, 2015: Start formwork for the Electrical Control building trenches and wall foundations.

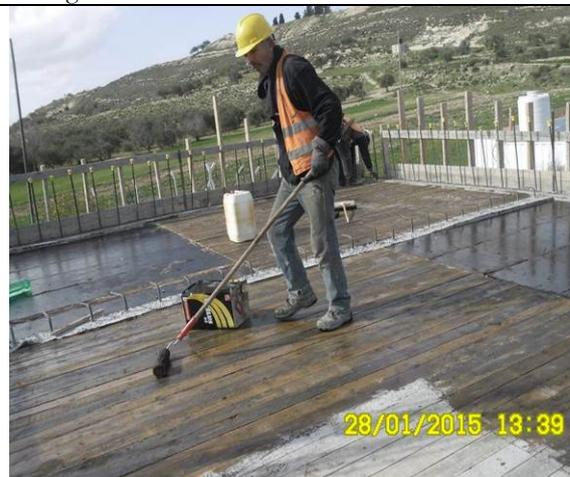


Photo Date- 28th of January, 2015: Continue formwork and start steel reinforcement for the Electrical Metering building elevated slab.



Photo Date- 28th of January, 2015: Continue surface repair for balance tank floor.



Photo Date- 29th of January, 2015: Continue formwork for the Electrical Control building trenches and wall foundations.

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Photo Date- 29th of January, 2015: Continue formwork and start steel reinforcement for the Electrical Metering building elevated slab.



Photo Date- 29th of January, 2015: Start and finish casting concrete for the Electrical Metering building elevated slab.



Photo Date- 29th of January, 2015: Continue block works inside the Living Quarter building.



Photo Date- 30th of January, 2015: Start curing concrete for the Electrical Metering building elevated slab.



Photo Date- 31st of January, 2015: Continue formwork for the Electrical Control building trenches and wall foundations.

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CONSTRUCTION MONTHLY PROGRESS REPORT

Reporting Period:

January 01-January 31, 2014

PROJECT 3-SAADEH WELL REHABILITATION-SDW

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1. Progress and Scheduling

The following table provides a summary of the project progress status

Item	Percentage
Planned percentage complete	100.00%
Actual percentage complete	100.00%
Elapsed Time	100.00%

Table 2.1-SDW-Progress Summary Table

On March 16, 2014 Saadeh well was handed over officially after finishing all the CMC comments and fulfilling all requirements as per the specifications and the Engineer satisfaction. All necessary clearance letters were obtained and submitted to the Engineer. The project was handed over in presence of the Engineer, IRD, Jenin Municipality and WBWD representatives while the official completion date as per VO No.03 was March 11, 2014.

2. Project Indicators

2.1 Indicator #1: Quantity of drinking water available as a result of USG assistance

Target Value for Project 3:

The capacity of the added facility in cubic meters or the volume of water that will be pumped by the new substation.	120 cubic meter per hour = 2,880 m ³ per day
The average consumption rate of Palestinians (per capita) for Jenin Governorate (Calculation based on the Palestinian water authority, the total quantity of water delivered to Jenin Governorate is 4,252,438 for 2011 and no. of population of 285,477)	$(4,252,438)m^3/365 \text{ day} / (285,477 \text{ capita}) = 0.041 \text{ m}^3/\text{capita} / \text{day} = 41 \text{ L/Capita/Day}$
No. of Beneficiaries	$2,880/0.041 = 70,244 \text{ capita}$

Table 2.1-SDW-Target Value for Project 3

2.2 Indicator #2: Person days of Employment Generated

The following is the employment generated in Person days for Project 3:

- Estimated Target Value: 588.00 person days;
- Total cumulative employment generated to-date: 1218 person days.

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WEST BANK/GAZA

CONSTRUCTION MONTHLY PROGRESS REPORT-ATTACHMENTS

Reporting Period: January 01 - January 31,
2015

WELLS REHABILITATION PROJECT-WER

February 03, 2015

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

CONSTRUCTION MONTHLY PROGRESS REPORT- ATTACHMENTS

Reporting Period:

January 01- January 31, 2015

PROJECT I-ARABA WELL PUMP STATION-ARW

Attachments

1. Attachments

- ARW 22.1 Updated Schedule- Roll-up and One Month Look Ahead
- ARW 22.2 “S” Curve
- ARW 22.3 Site Memos Log
- ARW 22.4 Material and Equipment Delivered to Site
- ARW 22.5 Inspection Requests Log
- ARW 22.6 Submittals Log
- ARW 22.7 Requests for Information Log
- ARW 22.8 Variation Order Request Log
- ARW 22.9 Employment Generated Data
- ARW 22.10 Risk Register Table

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ARW 22.1 Updated Schedule- Roll-up and One Month Look Ahead

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RFTOP WATER-294-13-00018 WELL REHABILITATION IMPROVEMENTS

One Month Look Ahead

01-Feb-15

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Actual Start	Actual Finish	Total Float	Q	Q	Q	Q	Q	Q	Q																
								D	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J		
RFTOP WATER-294-13-00018 WELL REHABILITATION & IMPROVEMENTS																														
Milestones																														
Intermediate Milestones																														
MS00068	Completion of Rehabilitation for Sanour Well Pump Station	0		01-Feb-15			103																							
Submittals																														
Construction Submittals																														
Material Submittals																														
Civil																														
Building Works																														
CS690	Prep.&Submit Rough&Finish Carpentry - Product Data	7	01-Feb-15	09-Feb-15			9																							
CS760	Prep.&Submit Sealants Caulking & Grout- Product Data & Sample	7	01-Feb-15	01-Feb-15	16-Apr-14		27																							
CS780	Prep.&Submit Flush Wood Doors - Sample	7	01-Feb-15	09-Feb-15			9																							
CS810	Prep.&Submit Coiling Doors & Grilles - Sample & Product Data	7	01-Feb-15	09-Feb-15			8																							
CS935	Approval of Ceramic Tiles - Sample & Product Data	0		01-Feb-15			42																							
CS982	Prep.&Submit Toilet Accessories - Sample & Product Data	7	01-Feb-15	09-Feb-15			9																							
Roads Works																														
CS280	Prep.&Submit Asphalt Mix Design - Test Report	7	01-Feb-15	09-Feb-15			20																							
CS460	Prep.&Submit MC Prime Coat - Data Sheet	7	01-Feb-15	09-Feb-15			20																							
CS470	Prep.&Submit Asphalt Core Test	7	01-Feb-15	09-Feb-15			20																							
CS740	Prep.&Submit Road Accessories - Product Data & Sample	7	01-Feb-15	09-Feb-15			27																							
Miscellaneous																														
CS486	Prep&Submit Gates - Sample	7	01-Feb-15	09-Feb-15			-1																							
CS510	Prep.&Submit Reinforced Concrete Pipe - Data Sheet & Certificates	7	01-Feb-15	01-Feb-15	15-Jan-15		-13																							
CS600	Prep.&Submit Anchors&Aluminum Roof Hatches- Data Sheets&Certificates	7	01-Feb-15	01-Feb-15	06-Jan-14		14																							
CS700	Prep.&Submit PVC Membrane Roofing - Sample&Product Data	7	01-Feb-15	01-Feb-15	03-Dec-14		11																							
CS860	Prep.&Submit Finish & Hardware Product - Sample & Product Data	7	01-Feb-15	09-Feb-15			9																							
CS970	Prep.&Submit Lockers - Sample & Product Data	7	01-Feb-15	09-Feb-15			10																							
CS975	Prep.&Submit Storage Shelving - Sample	7	01-Feb-15	03-Feb-15	15-Jan-15		-14																							
CS996	Prep.&Submit Toilet Accessories - Sample & Product Data	5	01-Feb-15	07-Feb-15			11																							
Mechanical																														
Local Manufacturer																														
CS351	Prep&Submit Refrigerant Pipes - Product Data	5	01-Feb-15	07-Feb-15			86																							
CS481	Prep&Submit Pipe,Duct Work&Equipment Insulation - Product Data	5	01-Feb-15	07-Feb-15			86																							
CS577	Approval of Valves (Control, Gate, Butterfly, Check, Ball, Pressure, etc) - Product Data/Test Reports	0		01-Feb-15			-9																							
CS661	Prep&Submit Heat, Ventilation&Air Conditioning Equipment - Product Data	5	01-Feb-15	07-Feb-15			86																							
CS677	Prep&Submit Chlorination System Pumps, Tanks, Drums, Injectors, Hose Pips.	5	01-Feb-15	07-Feb-15			13																							
CS688	Prep&Submit Kltchen Equipment - Product Data	5	01-Feb-15	07-Feb-15			11																							
Abroad Manufacturer (Long Lead Items)																														
CS271	Prep&Submit Compressors, Tank-Mounted, Reciprocating	5	01-Feb-15	01-Feb-15	15-Sep-14		17																							
CS291	Prep&Submit Horizontal Louver Blinds - Sample	5	01-Feb-15	01-Feb-15	15-Sep-14		7																							
CS311	Prep&Submit Polyethylene Tank - Product Data	5	01-Feb-15	01-Feb-15	15-Sep-14		-29																							
CS537	Prep&Submt Air Conditioning Units&Accessories	5	01-Feb-15	01-Feb-15	24-Aug-14		91																							
Electrical																														
Abroad Manufacturer (Long Lead Items) (AKRAM SALAH - IC Systems Ltd)																														
CS1145	Approval of Metal Enclosed Switchgear - Product Data	0		03-Feb-15			-30																							
CS1230	Prep.&Submit Local Control Stations and Miscellaneous Electrical Devices - Product Data	5	01-Feb-15	01-Feb-15	15-Dec-14		-28																							
CS1270	Prep.&Submit Process Control&Instrumentation System - Product Data	5	01-Feb-15	01-Feb-15	15-Dec-14		-27																							
CS1285	Approval of PLC-Based Control Systems Hardware&Software - Product Data	0		01-Feb-15			-1																							
CS1310	Prep.&Submit Level Measuring System - Product Data&Certificates	5	01-Feb-15	01-Feb-15	15-Mar-14		-28																							

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



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

ARW 22.2 “S” Curve

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TASK ORDER NO. AID-294-TO-13-00018

PROJECT 1 Arrabeh Well Pump Station - Rehabilitation and Infrastructure Improvements

Original Total Contract Value Less Day Work	\$63,376,000
NTF (Revised to Proposed)	22,024,117
Duration of Contract	12 Dec 13
Completion Date	25 Mar 14
Data Date	1 Dec 14

PROJECT 2 Sasur Well Pump Station - Rehabilitation and Infrastructure Improvements

Original Total Contract Value without Day Work for Project 2 (Sasur)	\$7,000,000
Revised Total Contract Value Less Day Work as per VO #1	\$7,000,000
NTF (Revised to Proposed)	2,000,000
Duration of Contract	22 Dec 13
Original Completion Date	10 Feb 14
Revised Completion Date as per VO #1	10 Feb 14
Revised Completion Date as per VO #2	22 Dec 13
Data Date	1 Dec 14

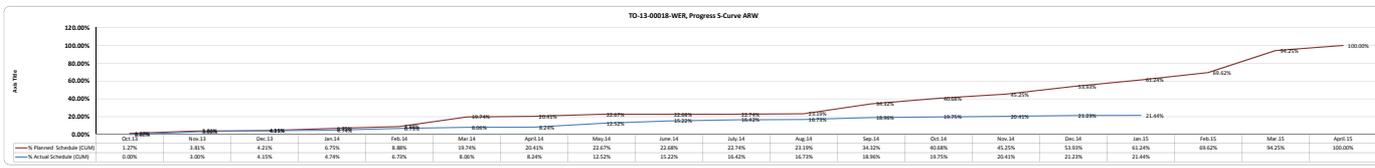
PROJECT 3 Saadeh Well Pump Station - Rehabilitation

Original Total Contract Value without Day Work for Project 3 (Saadeh)	\$40,000,000
Revised Total Contract Value Less Day Work as per VO #1	\$39,500,000
NTF (Revised to Proposed)	22,024,117
Duration of Contract	10 Feb 14
Original Completion Date	10 Feb 14
Revised Completion Date as per VO #2	10 Feb 14
Revised Completion Date as per VO #3	10 Mar 14
Data Date	1 Dec 14

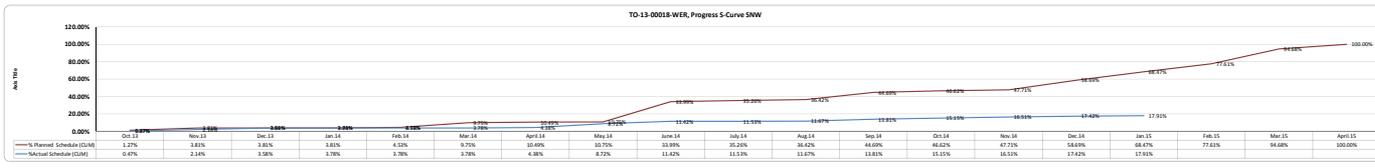
TASK ORDER (PROJECT 1, PROJECT 2 & PROJECT 3)

Total Contract Value Less Day Work	\$142,000,000
Day Work Value	\$100,000,000
Total Contract Value Including Day Work	\$142,000,000
Revised Total Contract Value Less Day Work	\$139,500,000
Day Work Value as per VO #3	\$100,000,000
Revised Total Contract Value Less Day Work as per VO #4	\$137,394,000
Day Work Value	\$100,000,000
Total Contract Value Including Day Work	\$137,394,000
Revised Total Contract Value without Day Work for Task Order (VO # 3)	\$139,500,000
Revised Day Work Amount (VO #4)	\$100,000,000

	Oct 13	Nov 13	Dec 13	Jan 14	Feb 14	Mar 14	Apr 14	May 14	Jun 14	Jul 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14	Jan 15	Feb 15	Mar 15	Apr 15	TOTAL
Planned Schedule Value	\$62,700,187	\$108,500,377	\$128,320,566	\$145,834,502	\$158,884,14	\$177,460,91	\$193,772,42	\$210,344,16	\$228,74	\$249,588,59	\$269,307,90	\$290,813,31	\$314,046,16	\$339,822,42	\$368,024,48	\$398,620,20	\$431,520,48	\$463,620,20	\$495,820,48	\$528,020,76
Actual Schedule Value (CSM)	\$72,000,000	\$110,000,000	\$125,000,000	\$140,000,000	\$155,000,000	\$170,000,000	\$185,000,000	\$200,000,000	\$215,000,000	\$230,000,000	\$245,000,000	\$260,000,000	\$275,000,000	\$290,000,000	\$305,000,000	\$320,000,000	\$335,000,000	\$350,000,000	\$365,000,000	\$380,000,000
% Planned Schedule (CSM)	1.27%	1.81%	4.21%	6.75%	8.80%	10.74%	20.41%	22.67%	22.76%	22.76%	21.19%	34.32%	40.68%	41.25%	51.01%	61.24%	69.42%	94.25%	100.00%	
% Actual Schedule (CSM)	0.00%	0.00%	4.15%	4.74%	6.75%	8.80%	8.24%	10.25%	10.25%	10.25%	10.25%	18.56%	18.78%	20.41%	21.22%	21.46%				

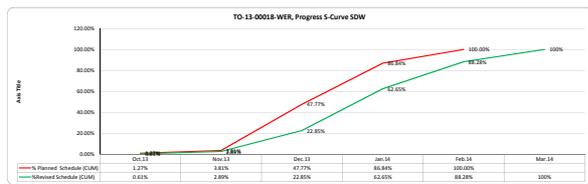


	Oct 13	Nov 13	Dec 13	Jan 14	Feb 14	Mar 14	Apr 14	May 14	Jun 14	Jul 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14	Jan 15	Feb 15	Mar 15	Apr 15	TOTAL
Planned Schedule Value	\$62,700,187	\$108,500,377	\$128,320,566	\$145,834,502	\$158,884,14	\$177,460,91	\$193,772,42	\$210,344,16	\$228,74	\$249,588,59	\$269,307,90	\$290,813,31	\$314,046,16	\$339,822,42	\$368,024,48	\$398,620,20	\$431,520,48	\$463,620,20	\$495,820,48	\$528,020,76
Actual Schedule Value (CSM)	\$72,000,000	\$110,000,000	\$125,000,000	\$140,000,000	\$155,000,000	\$170,000,000	\$185,000,000	\$200,000,000	\$215,000,000	\$230,000,000	\$245,000,000	\$260,000,000	\$275,000,000	\$290,000,000	\$305,000,000	\$320,000,000	\$335,000,000	\$350,000,000	\$365,000,000	\$380,000,000
% Planned Schedule (CSM)	1.27%	1.81%	4.21%	6.75%	8.80%	10.74%	20.41%	22.67%	22.76%	22.76%	21.19%	34.32%	40.68%	41.25%	51.01%	61.24%	69.42%	94.25%	100.00%	
% Actual Schedule (CSM)	0.47%	2.14%	3.58%	3.78%	3.78%	4.98%	8.75%	11.62%	11.51%	11.67%	11.67%	13.81%	15.15%	16.51%	17.42%	17.91%				



PROGRESS 5-CURVE & CASH FLOW SCHEDULE

	Oct 13	Nov 13	Dec 13	Jan 14	Feb 14	Mar 14	TOTAL
Planned Schedule Value	\$62,700,187	\$108,500,377	\$128,320,566	\$145,834,502	\$158,884,14	\$177,460,91	\$681,814,166
Actual Schedule Value (CSM)	\$72,000,000	\$110,000,000	\$125,000,000	\$140,000,000	\$155,000,000	\$170,000,000	\$667,000,000
% Planned Schedule (CSM)	1.27%	1.81%	4.21%	6.75%	8.80%	10.74%	100%
% Actual Schedule (CSM)	0.81%	2.89%	22.65%	62.65%	88.38%	100%	100%



TASK ORDER NO. AID-294-TO-13-00018

PROJECT 1 Arrabeh Well Pump Station - Rehabilitation and Infrastructure Improvements

Original Total Contract Value Less Day Work	\$4,318,790.00
NTF (Revised to Proposed)	10,000.00
Duration of Contract	12 Dec 11
Completion Date	25 Mar 12
Date Data	1 Dec 11

PROJECT 2 Sasur Well Pump Station - Rehabilitation and Infrastructure Improvements

Original Total Contract Value without Day Work for Project 2 (Sasur)	\$3,314,000.00
Revised Total Contract Value Less Day Work as per VO #6	\$7,227,058.00
NTF (Revised to Proposed)	10,000.00
Original Duration of Contract	22 Dec 11
Original Completion Date	22 Dec 11
Revised Duration of Contract as per VO #6	22 Dec 11
Revised Completion Date as per VO #6	22 Dec 11
Date Data	1 Dec 11

PROJECT 3 Saadeh Well Pump Station - Rehabilitation

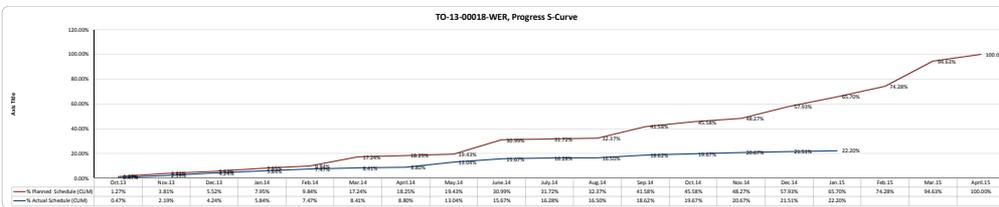
Original Total Contract Value without Day Work for Project 3 (Saadeh)	\$403,800.00
Revised Total Contract Value Less Day Work as per VO #1	\$758,328.00
NTF (Revised to Proposed)	22 Dec 11
Original Duration of Contract	10 Feb 14
Original Completion Date	02 Dec 11
Revised Duration of Contract as per VO #2	13 Mar 14
Revised Completion Date as per VO #2	1 Dec 11
Date Data	1 Dec 11

TASK ORDER (PROJECT 1, PROJECT 2 & PROJECT 3)

Total Contract Value Less Day Work	\$4,022,890.00
Day Work Value	\$700,000.00
Total Contract Value including Day Work	\$4,722,890.00
Revised Total Contract Value Less Day Work	\$11,000,000.00
Day Work Value as per VO #3	\$627,300.00
Revised Total Contract Value Less Day Work as per VO #4	\$14,000,000.00
Day Work Value	\$671,394.00
Total Contract Value including Day Work	\$14,671,394.00
Revised Total Contract Value without Day Work for Task Order (VO # 1)	\$11,000,000.00
Revised Day Work Amount (VO #4)	\$671,394.00

PROGRESS S-CURVE & CASH FLOW SCHEDULE

	Oct 11	Nov 11	Dec 11	Jan 12	Feb 12	Mar 12	Apr 12	May 12	June 12	July 12	Aug 12	Sep 12	Oct 12	Nov 12	Dec 12	Jan 13	Feb 13	Mar 13	Apr 13	May 13	TOTAL	
Revised Schedule Value	\$178,000.00	\$294,000.00	\$274,000.00	\$450,000.00	\$500,000.00	\$1,200,000.00	\$1,400,000.00	\$1,600,000.00	\$1,800,000.00	\$1,900,000.00	\$2,000,000.00	\$2,100,000.00	\$2,200,000.00	\$2,300,000.00	\$2,400,000.00	\$2,500,000.00	\$2,600,000.00	\$2,700,000.00	\$2,800,000.00	\$2,900,000.00	\$3,000,000.00	\$14,000,000.00
Planned Schedule Value (CSM)	\$178,000.00	\$294,000.00	\$274,000.00	\$450,000.00	\$500,000.00	\$1,200,000.00	\$1,400,000.00	\$1,600,000.00	\$1,800,000.00	\$1,900,000.00	\$2,000,000.00	\$2,100,000.00	\$2,200,000.00	\$2,300,000.00	\$2,400,000.00	\$2,500,000.00	\$2,600,000.00	\$2,700,000.00	\$2,800,000.00	\$2,900,000.00	\$3,000,000.00	\$14,000,000.00
Actual Schedule Value (CSM)	\$178,000.00	\$294,000.00	\$274,000.00	\$450,000.00	\$500,000.00	\$1,200,000.00	\$1,400,000.00	\$1,600,000.00	\$1,800,000.00	\$1,900,000.00	\$2,000,000.00	\$2,100,000.00	\$2,200,000.00	\$2,300,000.00	\$2,400,000.00	\$2,500,000.00	\$2,600,000.00	\$2,700,000.00	\$2,800,000.00	\$2,900,000.00	\$3,000,000.00	\$14,000,000.00
% Planned Schedule (CSM)	1.2%	1.8%	1.5%	2.5%	2.8%	6.4%	7.5%	8.6%	9.7%	10.2%	10.7%	11.2%	11.7%	12.2%	12.7%	13.2%	13.7%	14.2%	14.7%	15.2%	15.7%	100%
% Actual Schedule (CSM)	0.4%	0.7%	0.6%	0.8%	0.9%	2.0%	2.3%	2.6%	2.9%	3.0%	3.1%	3.2%	3.3%	3.4%	3.5%	3.6%	3.7%	3.8%	3.9%	4.0%	4.1%	100%
% Revised Schedule (CSM)	0.4%	0.7%	0.6%	0.8%	0.9%	2.0%	2.3%	2.6%	2.9%	3.0%	3.1%	3.2%	3.3%	3.4%	3.5%	3.6%	3.7%	3.8%	3.9%	4.0%	4.1%	100%



ARW 22.3 Site Memos Log

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Site Memoranda From Engineer To Contractor (SM)

Number	Description/Subject	Date Received	Response Date	Comments
SM-13-00018-WER-E-C-015	Concrete Surface Defects for Electrical Metering Building Foundation at Project #2	January 18, 2015		SM is referred to Sanur Project
SM-13-00018-WER-E-C-016	Construction of Retaining Walls at Project #2	January 21, 2015		SM is referred to Sanur Project
SM-13-00018-WER-E-C-017	Sanur Connection Pipe Yard	January 26, 2015		SM is referred to Sanur Project
SM-13-00018-WER-E-C-018	Modification of Chlorination System and Buildings for Project #1 and Project #2	January 26, 2015		SM is referred to WER Projects
SM-13-00018-WER-E-C-019	Supply and Install Additional Vertical Turbine Pumps for Project #1	January 29, 2015		SM is referred to Arraba Project

ARW 22.4 Material & Equipment Delivered to Site Log

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Equipment Log

Task Order:		AID-294-TO-13-00018			
Project:		Wells Rehabilitation Project			
Sub-project		Arraba Well Pump Station Rehabilitation & Infrastructure Improvements			
No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
1	January 1, 2015	JCB Back Hole-1993-1	2	8	
2		Steel Compactor			2
3		Mercedes 416-2002	1	8	
4		Truck	1	8	
5		Level			1
6		Total Station			1
7		Concrete Vibrator			2
8	January 2, 2015	JCB Back Hole-1993-1	1	8	1
9		Steel Compactor			2
10		Mercedes 416-2002			
11		Truck	1	8	
12		Level			1
13		Total Station			1
14		Concrete Vibrator			2
15	January 3, 2015	JCB Back Hole-1993-1			2
16		Steel Compactor			2
17		Mercedes 416-2002	1	8	
18		Level			1
19		Total Station			1
20		Concrete Vibrator			2
21	January 4, 2015	JCB Back Hole-1993-1			2
22		Steel Compactor			2
23		Mercedes 416-2002	1	8	
24		Level			1
25		Total Station			1
26		Concrete Vibrator			2
27	January 5, 2015	JCB Back Hole-1993-1	1	3	1
28		Steel Compactor			2
29		Mercedes 416-2002	1	8	
30		Level			1
31		Total Station			1
32		Concrete Vibrator			2
33	January 6, 2015	JCB Back Hole-1993-1			2
34		Steel Compactor			2
35		Mercedes 416-2002	1	8	
36		Level			1
37		Total Station			1
38		Concrete Vibrator			2

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
39	January 7, 2015	JCB Back Hole-1993-1			2
40		Steel Compactor			2
41		Level			1
42		Total Station			1
43		Concrete Vibrator			2
44	January 8, 2015	JCB Back Hole-1993-1	1	4	1
45		Steel Compactor			2
46		Level			1
47		Total Station			1
48		Concrete Vibrator			2
49	January 9, 2015	JCB Back Hole-1993-1			2
50		Steel Compactor			2
51		Level			1
52		Total Station			1
53		Concrete Vibrator			2
54	January 10, 2015	JCB Back Hole-1993-1			1
55		Steel Compactor			2
56		Level			1
57		Total Station			1
58		Concrete Vibrator			2
59	January 11, 2015	JCB Back Hole-1993-1	1	2	
60		Steel Compactor			2
61		Mercedes 416-2002	1	8	
62		Level			1
63		Total Station			1
64	Concrete Vibrator			2	
65	January 12, 2015	JCB Back Hole-1993-1			1
66		Steel Compactor			2
67		Mercedes 416-2002	1	8	
68		Level			1
69		Concrete Vibrator			2
70	January 13, 2015	JCB Back Hole-1993-1			1
71		Steel Compactor			2
72		Mercedes 416-2002	1	8	
73		Level			1
74		Concrete Vibrator			2
75	January 14, 2015	JCB Back Hole-1993-1			1
76		Steel Compactor			2
77		Mercedes 416-2002	1	8	
78		Level			1
79		Concrete Vibrator			2
80	January 15, 2015	JCB Back Hole-1993-1			1
81		Steel Compactor			2
82		Mercedes 416-2002	1	8	
83		Level			1
84		Concrete Vibrator	1	3	1

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
85	January 16, 2015	JCB Back Hole-1993-1			2
86		Steel Compactor			2
87		Level			1
88		Total Station			1
89		Concrete Vibrator			2
90	January 17, 2015	JCB Back Hole-1993-1			1
91		Steel Compactor			2
92		Mercedes 416-2002	1	8	
93		Level			1
94		Concrete Vibrator			1
95	January 18, 2015	JCB Back Hole-1993-1			1
96		Steel Compactor			2
97		Mercedes 416-2002	1	8	
98		Level			1
99		Concrete Vibrator	1	3	
100	January 19, 2015	JCB Back Hole-1993-1	1	4	
101		Steel Compactor			2
102		Mercedes 416-2002	1	8	
103		Tractor	1	4	
104		Level	1	4	
105		Concrete Vibrator			1
106		Diesel Generator	1	6	
107	January 20, 2015	JCB Back Hole-1993-1	1	4	
108		Steel Compactor	1	2	1
109		Mercedes 416-2002	1	8	
110		Tractor	1	4	
111		Level	1	2	
112		Total Station	1	2	
113		Concrete Vibrator			1
114		Diesel Generator			1
115	January 21, 2015	JCB Back Hole-1993-1	1	8	
116		Steel Compactor			2
117		Mercedes 416-2002	1	8	
118		Tractor	1	8	
119		Level	1	4	
120		Concrete Vibrator			1
121		Diesel Generator			1
122	January 22, 2015	JCB Back Hole-1993-1	1	6	
123		Steel Compactor	2	3	
124		Mercedes 416-2002	1	8	
125		Level	1	1	
126		Concrete Vibrator			1
127		Tractor	1	6	

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
128	January 23, 2015	JCB Back Hole-1993-1			2
129		Steel Compactor			2
130		Concrete Vibrator			2
131		Level			1
132		Total Station			1
133	January 24, 2015	JCB Back Hole-1993-1	1	8	
134		Steel Compactor	2	4	
135		Mercedes 416-2002	1	8	
136		Level	1	4	
137		Concrete Vibrator			1
138	January 25, 2015	JCB Back Hole-1993-1	1	8	
139		Steel Compactor	2	4	
140		Mercedes 416-2002	1	8	
141		Level	1	4	
142		Concrete Vibrator			1
143	January 26, 2015	JCB Back Hole-1993-1	1	8	
144		Steel Compactor	1	4	
145		Mercedes 416-2002	1	8	
146		Level	1	4	
147		Concrete Vibrator	1	2	
148	January 27, 2015	JCB Back Hole-1993-1	1	4	
149		Steel Compactor	1	1	1
150		Mercedes 416-2002	1	8	
151		Level	1	3	
152		Concrete Vibrator			1
153	January 28, 2015	JCB Back Hole-1993-1	1	4	
154		Steel Compactor			2
155		Mercedes 416-2002	1	8	
156		Level			1
157		Concrete Vibrator			1
158	January 29, 2015	JCB Back Hole-1993-1	1	8	
159		Steel Compactor			2
160		Mercedes 416-2002	1	8	
161		Level	1	4	
162		Concrete Vibrator	1	2	
163	January 30, 2015	JCB Back Hole-1993-1			2
164		Steel Compactor			2
165		Level			1
166		Total Station			1
167		Concrete Vibrator			2
168	January 31, 2015	JCB Back Hole-1993-1	1	8	
169		Steel Compactor			2
170		Mercedes 416-2002	1	8	
171		Level	1	4	
172		Concrete Vibrator			1

Material Log

Task Order:		AID-294-TO-13-00018		
Project:		Wells Rehabilitation Project		
Sub-project		Arraba Well Pump Station Rehabilitation and Infrastructure Improvements		
Item	Date	Description	Oty	Location
1	January 12, 2015	Conbextra HF	375 kg	Arraba Well
2	January 14, 2015	Conbextra HF	250 kg	Arraba Well
3	January 15, 2015	Concrete B350	17 m ³	Slab on Grade and Trenches for Electrical Metering Building
4	January 18, 2015	Concrete B350	18 m ³	Living Quarter Building Walls
5	January 19, 2015	Steel Reinforcement	3.572 Ton	Arraba Well
6	January 20, 2015	Prime Zincrich	1 kg	Arraba Well
7		Rendroc Plug	27 kg	
8		Rendroc FC	375 kg	
9		Conbextra HF	225 kg	
10		Nito-Bond SBR 201	75 L	
11		Base course	40 m ³	
12	January 21, 2015	Base course	40 m ³	Arraba Well
13	January 24, 2015	Conbextra HF	500 kg	Arraba Well
14		Base Course	20 m ³	
15	January 25, 2015	Base Course	20 m ³	Arraba Well
16	January 26, 2015	Base Course	40 m ³	Arraba Well
17		Thioflex 600	35 L	Arraba Well
18		Concrete B350	22 m ³	Living Quarter Slab on Grade
19	January 28, 2015	Theoflex 600	30 L	Arraba Well
20	January 29, 2015	Concrete B350	9 m ³	Living Quarter Building Elevated Slab
21		Steel Reinforcement	4208 kg	Arraba Well

ARW 22.5 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.

Color	Response Index
	Amend-Resubmit
	Pending
	Make Correction Noted

Inspection Requests Log

IRD/BV	
Task Order:	AID-294-TO-13-00018
Project:	Wells Rehabilitation Project (WER)
Sender/ Recipient	IRD/BV

No.	Request Date	Date Inspection Required	Description of Works Inspected	Response Date	Grade	2nd Inspection	
						Response Date	Grade
IR-13-00018-WER-018-B	January 18, 2015	January 19, 2015	Inspecting PVC pipes , PN16 , DN 32mm, PVC pipes , PN16 , DN 50mm, PVC pipes , PN16 , DN 63mm, PVC pipes , PN16 , DN 90mm, PVC elbow 90° , DN 63mm, PVC elbow 90° , DN 90mm, PVC elbow 90° , DN 110mm, PVC elbow 90° , DN 32mm, PVC elbow 90° , DN 50mm, PVC MUF DN 63mm , PVC MUF DN 90mm , PVC MUF DN 110mm , PVC MUF DN 32mm and PVC MUF DN 50mm	January 19, 2015	No Exceptions Noted		
IR-13-00018-WER-021-B	January 18, 2015	January 19, 2015	Inspecting 3 Gange Box (P.15), 4 Gange Box (P.15), PVC Conduits (black and red) 3/4", PVC Conduits (red) 3/4", PVC Conduits (green) 3/4", PVC Conduits (blue) 3/4", PVC Conduits (brown) 3/4"and PVC Conduits (white) 3/4"	January 19, 2015	No Exceptions Noted		
IR-13-00018-WER-029-B	January 14, 2015	January 14, 2015	Inspecting Implementation of Confined Spaces Safety Plan at ARW & SNW Balance Tanks	January 14, 2015	No Exceptions Noted		

Color	Response Index
	Amend-Resubmit
	Pending
	Make Correction Noted

Inspection Requests Log

IRD/BV

Task Order: AID-294-TO-13-00018

Project: Wells Rehabilitation Project

Sender/ Recipient		IRD/BV		1st Inspection			2nd Inspection	
No.	Request Date	Date Inspection Required	Description of Works Inspected	Response Date	Grade	Response Date	Grade	
IR-13-00018-ARW-194-B	January 19, 2015	January 19, 2015	Inspecting Concrete Surface Preparation for the External Walls of the Balance Tank Part (3+4) Prior to applying Rendroc FC	January 19, 2015	No Exceptions Noted			
IR-13-00018-ARW-197-A	January 13, 2015	January 14, 2015	Inspecting Steel Reinforcement for Walls of Living Quarter Building Prior to Formwork Closing	January 14, 2015	No Exceptions Noted			
IR-13-00018-ARW-198-A	January 13, 2015	January 14, 2015	Inspecting Installation and Location for Electrical System Conduits for Walls of Living Quarter Building	January 14, 2015	No Exceptions Noted			
IR-13-00018-ARW-199-A	January 14, 2015	January 15, 2015	Inspecting Vapor Barrier, Formwork and Steel Reinforcement for Electrical Metering Room for Slab on Grade and Trenches Prior to Concrete Casting	January 15, 2015	No Exceptions Noted			
IR-13-00018-ARW-200-A	January 18, 2015	January 18, 2015	Inspecting Formwork Closing for Walls of Arraba Living Quarter Building Prior to Concrete Casting	January 18, 2015	No Exceptions Noted			
IR-13-00018-ARW-201-A	January 18, 2015	January 19, 2015	Inspecting Concrete Surface Preparation for the External Walls of the Balance Tank Part (1+2) Prior to applying Rendroc FC	January 19, 2015	No Exceptions Noted			
IR-13-00018-ARW-202-A	January 22, 2015	January 22, 2015	Inspecting Installation and Location of Electrical & Metering Building Earthing Boxes	January 22, 2015	No Exceptions Noted			
IR-13-00018-ARW-203-A	January 22, 2015	January 22, 2015	Inspecting Formwork and Steel Reinforcement for Arraba Electrical Metering Building Walls Prior Closing the Internal Shuttering Side	January 22, 2015	No Exceptions Noted			
IR-13-00018-ARW-204-A	January 25, 2015	January 25, 2015	Inspecting the Leveled and Compacted Subgrade Layer for Edge Foundation-Level (265.95m) and Trenches-Level (265.40m) for the Electrical Control Building Prior to Applying Base Course Layer	January 25, 2015	No Exceptions Noted			
IR-13-00018-ARW-205-A	January 25, 2015	January 26, 2015	Inspecting Formwork Closing for the External and Internal Walls of Electrical Metering Building Prior to Concrete Casting	January 26, 2015	No Exceptions Noted			
IR-13-00018-ARW-206-A	January 26, 2015	January 26, 2015	Inspecting the Leveled and Compacted Base Course Layer for Edge Foundation-Level (266.15m) and Trenches-Level (265.60m) for the Electrical Control Building	January 26, 2015	No Exceptions Noted			
IR-13-00018-ARW-207-A	January 28, 2015	January 28, 2015	Inspecting Installation and Location of Arraba Living Quarter Building Electrical System Conduits and Wiring Devices	January 28, 2015	No Exceptions Noted			
IR-13-00018-ARW-208-A	January 28, 2015	January 28, 2015	Inspecting Formwork and Steel Reinforcement for Living Quarter Roof Slab Prior to Concrete Casting	January 28, 2015	No Exceptions Noted			

ARW 22.6 Submittals Log

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Submittal Category	Product Data	Submittal Classification	Phase	Priority	Revision	Resubmit Alpha Identifier	Submittal Disposition/Color Coding
PD	PRODUCT DATA	CONS	Preconstruction	WER Well Rehabilitation Project	Final Submittal SUB-18-WER-061-A		A - No Description Needed
SD	SHOP DRAWINGS	CONS	Construction	ARW : Project 1 Identifier	Final RE-Submittal SUB-18-WER-061-B		B - Make Correction Needed
AD	ADMINISTRATIVE/OTHER	PSYS	Post construction	SNW : Project 2 Identifier	Second Resubmittal SUB-18-WER-061-C		C - Amend and Resubmit
TR	TEST REPORT			SWR : Project 3 Identifier			D - Rejected Resubmit
SCH	SCHEDULE						E - Review Not Required
RPT	REPORT						F - Review Not Required
SMP	SAMPLE						G - Submittal Pending Response
CO	COMPLETION & CLOSURE						
MAT	MATERIAL						

Submittal Number	Submittal Description	Specification Number	Submittal Category	Submittal Classification	Submittal Type	Project Identifier	Schedule Activity ID	BOQ Item No.	Rev.	Contractual Submission Date	Actual Submission Date from Subcontractor	Actual Submission Date	Submission Delay	Response Needed by (Max. 30 days)	Date Returned to IRD	Total Engineer Response Time	Submittal Disposition (Grade)	Remarks
SUB-00018-WER-127-C	Non Price BOQ Break Down	Section 01311	AD	CONS	SUB	WER			C		From main contractor directly	January 5, 2015		February 4, 2015				Pending
SUB-00018-WER-237-C	Dekguard FC Exterior Coating for Balance Tank	Section 09800	PD	CONS	SUB	WER			C		From main contractor directly	January 22, 2015		February 21, 2015	January 26, 2015	4	A	
SUB-00018-ARW-363-C	Arraba Well to North Zoon Pressure Reducing Valve-SJ01-VV-PRV-100P	Section 15217-Part 2.2-C	PD	CONS	SUB	ARW			C		January 19, 2015	January 20, 2015		February 19, 2015	January 22, 2015	2	B	
SUB-00018-ARW-364-C	Arraba Reservoir Inlet Flow Control Valve SJ04-CR1-4HDV-720C	Section 15217-Part 2.2-C	PD	CONS	SUB	ARW			C		January 19, 2015	January 20, 2015		February 19, 2015	January 22, 2015	2	B	
SUB-00018-ARW-365-C	Mirka Balance Tank Inlet Flow Meter Control Valve SJ13-PSX-HDV-710C	Section 15217-Part 2.2-C	PD	CONS	SUB	ARW			C		January 19, 2015	January 20, 2015		February 19, 2015	January 22, 2015	2	B	
SUB-00018-WER-451-B	Precast concrete Curbs Plant Qualification		PD	CONS	SUB	WER			B		From main contractor directly	January 22, 2015		February 21, 2015	January 26, 2015	4	A	
SUB-00018-ARW-454-B	Arraba yard piping Shop drawing	Section 15000	SD	CONS	SUB	ARW			B		January 20, 2015	January 21, 2015		February 20, 2015			Pending	
SUB-00018-SNW-508-B	Variable Frequency Drives For Booster Pump	Section 16457	PD	CONS	SUB	SNW			B		From main contractor directly	January 22, 2015		February 21, 2015	January 25, 2015	3	E	
SUB-00018-ARW-509-B	Variable Frequency Drives for Booster Pump & Well Pump	Section 16457	PD	CONS	SUB	ARW			B		From main contractor directly	January 22, 2015		February 21, 2015	January 25, 2015	3	E	
SUB-00018-SNW-538-B	Jabaa Flow Control Valve DN: 100mm, PN: 40bar, (SJ03-PSX-HDV-210)	Section: 15217, Paragraph: 2.1C-2	PD	CONS	SUB	SNW			B		January 19, 2015	January 20, 2015		February 19, 2015	January 22, 2015	2	B	
SUB-00018-WER-599-B	Visual Inspection Report of Welded Joints of Inlet, Overflow, Equalization and Recirculation Pipes	Section 02570	TR	CONS	Lab Test	WER			B		From main contractor directly	January 22, 2015		February 21, 2015	January 22, 2015	0	A	
SUB-00018-ARW-657-A	Variable Frequency Drives for Booster Pump & Well Pump (SIEMENS)	Section: 16455	PD	CONS	SUB	ARW			A		December 15, 2014	January 4, 2015		February 3, 2015	January 15, 2015	11	B	
SUB-00018-SNW-658-A	Variable Frequency Drives For Booster Pump (SIEMENS)	Section: 16455	PD	CONS	SUB	SNW			A		December 15, 2014	January 4, 2015		February 3, 2015	January 15, 2015	11	B	
SUB-00018-SNW-686-B	Water Drain System Shop Drawings for Samur LQ	Section: 15430-Paragraph: 2.8	SD	CONS	SUB	SNW			B		December 30, 2014	January 4, 2015		February 3, 2015	January 5, 2015	1	A	
SUB-00018-ARW-687-B	Water Drain System Shop Drawings for Arraba LQ	Section: 15430-Paragraph: 2.8	SD	CONS	SUB	ARW			B		December 30, 2014	January 4, 2015		February 3, 2015	January 5, 2015	1	A	
SUB-00018-ARW-688-B	Revised Shop Drawing for Arraba Electrical Metering Building (Architectural & Structural)	Section: 01300-Paragraph: 1.8B	SD	CONS	SUB	ARW			B		January 6, 2015	January 13, 2015		February 12, 2015	January 13, 2015	0	B	
SUB-00018-SNW-689-B	Revised Shop Drawing for Samur Electrical Metering Building (Architectural & Structural)	Section: 01300-Paragraph: 1.8B	SD	CONS	SUB	SNW			B		December 31, 2014	January 4, 2015		February 3, 2015	January 6, 2015	2	B	
SUB-00018-ARW-692-A	Arraba Station Entrance Level & Section Shop Drawings	Section 02460- Paragraph: 1.4A	SD	CONS	SUB	ARW			A		January 6, 2015	January 13, 2015		February 12, 2015	January 14, 2015	1	C	
SUB-00018-SNW-674-A	Variable Frequency Drive Units(500hp)-Samur as per SM-13-18-WER-E-C-007	Section: 16455	PD	CONS	SUB	SNW			A		December 21, 2014	January 4, 2015		February 3, 2015	January 15, 2015	11	B	
SUB-00018-WER-707-A	Manhole Cover Label	Section: 02490- Paragraph: 1.3B	SD	CONS	SUB	WER			A		December 27, 2014	January 4, 2015		February 3, 2015	January 15, 2015	11	B	
SUB-00018-WER-708-A	Balance Tank Roof Hand Rail and Ladder (Internal and External)	Section: 05500-Paragraph: 1.3B	SD	CONS	SUB	WER			A		December 30, 2014	January 4, 2015		January 5, 2015				Retracted
SUB-00018-WER-708-A	Balance Tank Roof Hand Rail and Ladder (Internal and External)	Section: 05500-Paragraph: 1.3B	SD	CONS	SUB	WER			A		January 15, 2015	January 18, 2015		February 17, 2015	January 21, 2015	3	B	
SUB-00018-SNW-710-A	Underground Conduits System Shop Drawings for Electrical and Control Building	Section: 16110-Paragraph: 1.2B	SD	CONS	SUB	SNW			A		December 31, 2014	January 4, 2015		February 3, 2015	January 12, 2015	8	C	
SUB-00018-SNW-710-B	Underground Conduits System Shop Drawings for Electrical and Control Building	Section: 16110-Paragraph: 1.2B	SD	CONS	SUB	SNW			B		January 14, 2015	January 19, 2015		February 18, 2015	January 21, 2015	2	B	
SUB-00018-WER-711-A	Electrical PVC Fittings - Alternative	Section: 01300 & 16110-Paragraph: 1.8B & 2.3D-1	PD	CONS	SUB	WER			A		December 30, 2014	January 4, 2015		February 3, 2015	January 12, 2015	8	B	
SUB-00018-ARW-712-A	Earth Shop Drawings for Electrical and Control Building	Section: 16450- Paragraph: 1.2B	SD	CONS	SUB	ARW			A		January 4, 2015	January 4, 2015		February 3, 2015	January 12, 2015	8	C	
SUB-00018-ARW-712-B	Earth Shop Drawings for Electrical and Control Building	Section: 16450- Paragraph: 1.2B	SD	CONS	SUB	ARW			B		January 15, 2015	January 18, 2015		February 17, 2015	January 21, 2015	3	B	
SUB-00018-WER-713-A	QA/QC Submittal Register Monthly Update - December, 2014	Section 01300, Contractor's manual, 4.1-construction submittals (3)- Paragraph: 1.8B	AD	CONS	SUB	WER			A		From main contractor directly	January 5, 2015		February 4, 2015	January 14, 2015	9	B	
SUB-00018-WER-714-A	QC Monthly Report- December 2014	Section 01300- Parr-1.8-B	AD	CONS	SUB	WER			A		From main contractor directly	January 5, 2015		February 4, 2015	January 11, 2015	6	C	
SUB-00018-WER-714-B	QC Monthly Report- December 2014	Section 01300- Parr-1.8-B	AD	CONS	SUB	WER			B		From main contractor directly	January 13, 2015		February 12, 2015	January 14, 2015	1	B	
SUB-00018-SNW-715-A	Test Report on Concrete Compressive Strength at 7 Days of Age - L-Q Roof Slab	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 5, 2015		February 4, 2015	January 5, 2015	0	A	
SUB-00018-SNW-716-A	Field Density Compaction Test for Base Course - Electrical and Control Building / Level 292.55 m	Section 02200	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 5, 2015		February 4, 2015	January 5, 2015	0	A	
SUB-00018-ARW-717-A	Electrical Shop Drawings for Chlorination and Storage Building	Section 16110- Paragraph: 1.2B	SD	CONS	SUB	ARW			A		January 5, 2015	January 5, 2015		February 4, 2015	January 21, 2015	16	C	
SUB-00018-WER-718-A	Monthly Safety Plan Update - December, 2014	Contractor's Manual-Sec. 4.1/12	AD	CONS	SUB	WER			A		From main contractor directly	January 6, 2015		February 5, 2015	January 11, 2015	5	C	
SUB-00018-WER-719-A	Monthly Environmental Plan Update and Mitigation Plan Update-December 2014	Contractor's Manual-Sec. 4.1/14	AD	CONS	SUB	WER			A		From main contractor directly	January 6, 2015		February 5, 2015	January 11, 2015	5	A	
SUB-00018-SNW-720-A	Test Report on Concrete Compressive Strength at 28 Days of Age - B.T Roof Slab	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 6, 2015		February 5, 2015	January 6, 2015	0	A	
SUB-00018-ARW-721-A	Test Report on Concrete Compressive Strength at 28 Days of Age - B.T Roof Slab	Section 03300	TR	CONS	Lab Test	ARW			A		From main contractor directly	January 6, 2015		February 5, 2015	January 6, 2015	0	A	
SUB-00018-WER-722-A	Stainless Steel Welders Qualification Test Certificates	Section: 02570, Paragraph : 1.3J	AD	CONS	SUB	WER			A		From main contractor directly	January 6, 2015		February 5, 2015	January 6, 2015	0	A	
SUB-00018-WER-723-A	Recovery Plan as of January 7, 2015	Section 01311, Paragraph : 1.5-H	AD	CONS	SUB	WER			A		From main contractor directly	January 6, 2015		February 5, 2015	January 27, 2015	21	B	
SUB-00018-WER-725-A	Motors Certified Data Sheets, NEMA B Design and IEEE Test Results	Section: 01300	AD	CONS	SUB	WER			A		From main contractor directly	January 12, 2015		February 11, 2015	January 26, 2015	14	C	
SUB-00018-SNW-726-A	Earth Shop Drawings for Electrical and Control Building	Section: 16450- Paragraph: 1.2B	SD	CONS	SUB	SNW			A		December 31, 2014	January 12, 2015		February 11, 2015	January 15, 2015	3	C	
SUB-00018-SNW-726-B	Earth Shop Drawings for Electrical and Control Building	Section: 16110-Paragraph: 1.2B	SD	CONS	SUB	SNW			B		January 17, 2015	January 22, 2015		February 21, 2015	January 26, 2015	4	B	
SUB-00018-SNW-727-A	Electrical Shop Drawings for Chlorination and Storage Building	Section: 16110-Paragraph: 1.2B	SD	CONS	SUB	SNW			A		January 6, 2015	January 13, 2015		February 12, 2015	January 21, 2015	8	C	
SUB-00018-ARW-728-A	Underground Electrical Conduits Shop Drawings for Electrical and Control Building	Section: 16110-Paragraph: 1.2B	SD	CONS	SUB	ARW			A		December 31, 2014	January 13, 2015		February 12, 2015	January 19, 2015	6	C	
SUB-00018-ARW-728-B	Underground Electrical Conduits Shop Drawings for Electrical and Control Building	Section: 16110-Paragraph: 1.2B	SD	CONS	SUB	ARW			B		January 20, 2015	January 22, 2015		February 21, 2015	January 26, 2015	4	C	
SUB-00018-ARW-728-C	Underground Electrical Conduits Shop Drawings for Electrical and Control Building	Section: 16110-Paragraph: 1.2B	SD	CONS	SUB	ARW			C		January 27, 2015	January 28, 2015		February 27, 2015				Pending
SUB-00018-ARW-729-A	Electrical Shop Drawings for Electrical and Control Building	Section: 16110-Paragraph: 1.2B	SD	CONS	SUB	ARW			A		January 6, 2015	January 13, 2015		February 12, 2015	January 15, 2015	2	C	
SUB-00018-ARW-729-B	Electrical Shop Drawings for Electrical and Control Building	Section: 16110-Paragraph: 1.2B	SD	CONS	SUB	ARW			B		January 19, 2015	January 22, 2015		February 21, 2015	January 26, 2015	4	C	
SUB-00018-WER-730-A	Buildings Steel Doors	Section 08110, Paragraph: 2.6	SMP	CONS	SUB	WER			A		January 12, 2015	January 13, 2015		February 12, 2015	January 18, 2015	5	B	
SUB-00018-WER-731-A	Monthly Risk Management Plan Update - December, 2014	Contractor's Manual-Sec. 4.1/construction submittals #003	AD	CONS	SUB	WER			A		From main contractor directly	January 13, 2015		February 12, 2015	January 14, 2015	1	A	

Submittal Categories	Submittal Classification	Identifiers	Resubmittal Alpha Identifier	Submittal Disposition / Color Coding
PD: PRODUCT DATA SD: SHOP DRAWINGS AD: ADMINISTRATIVE/OTHER TR: TEST REPORT SMP: SAMPLE REPORT SMP: SAMPLE REPORT CO: COMPLETION & CLOSEOUT MAT: MATERIALS	PCS: SHOP DRAWINGS CONS: ADMINISTRATIVE/OTHER PITS: TEST REPORT	WER: Walls Rehabilitation Project ARW: Project 1 Identifier SNW: Project 2 Identifier SNW: Project 3 Identifier	First Submittal SUB-18-WER-001-A From IRD Submittal SUB-18-WER-001-B Second Resubmittal SUB-18-WER-001-C	A: No Exception Noted B: Minor Construction Noted C: Amend and Resubmit D: Rejected - Resubmit E: Review - No Resubmit F: Submittal Pending Response

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	Actual Submission Date from Subcontractor	Actual Submission Date	Submission Delay	Response Needed by (Max. 30 days)	Date Returned to IRD	Total Engineer Response Time	Submittal Disposition (Grade)	Remarks
SUB-00018-SNW-732-A	Test Report on Concrete Compressive Strength at 7 Days of Age – Fence Wall from Station 0+016 to 0+068	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 13, 2015		February 12, 2015	January 14, 2015	1	A	
SUB-00018-ARW-733-A	Test Report on Concrete Compressive Strength at 7 Days of Age – S.O.G of Living Quarter Room	Section 03300	TR	CONS	Lab Test	ARW			A		From main contractor directly	January 13, 2015		February 12, 2015	January 14, 2015	1	A	
SUB-00018-SNW-734-A	Revised Shop Drawings for Electrical and Control Building (Structural & Architectural)	Section: 03300	SD	CONS	SUB	SNW			A		January 17, 2015	January 18, 2015		February 17, 2015	January 25, 2015	7	B	
SUB-00018-WER-735-A	Windows, Doors and Coping Marble	Section: 08110 & 08520	SMP	CONS	SUB	WER			A		January 18, 2015	January 18, 2015		February 17, 2015	January 20, 2015	2	B	
SUB-00018-WER-736-A	Low Voltage Wire and Cable - Alternative	Section: 16120- Paragraph: 2.2A	PD	CONS	SUB	WER			A		January 4, 2015	January 18, 2015		February 17, 2015	January 21, 2015	3	A	
SUB-00018-WER-737-A	Pre-submittal Conference Process Control and Instrumentation – Day 1 / IC System	Section: 17100- Paragraph: 1.2B	AD	CONS	SUB	WER			A		From main contractor directly	January 19, 2015		February 18, 2015	January 21, 2015	2	B	
SUB-00018-WER-738-A	Stainless Steel Hand Rail and Ladder – Material Sample	Section: 05500- Paragraph: 1.1	SMP	CONS	SUB	WER			A		January 18, 2015	January 19, 2015		February 18, 2015	January 21, 2015	2	B	
SUB-00018-ARW-739-A	Revised Shop Drawings for Electrical and Control Building (Structural & Architectural)	Section: 03300	SD	CONS	SUB	ARW			A		January 19, 2015	January 19, 2015		February 18, 2015	January 25, 2015	6	B	
SUB-00018-SNW-740-A	Test Report on Concrete Block for Walls – Width 20 CM	Section 04232	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 20, 2015		February 19, 2015	January 20, 2015	0	A	
SUB-00018-SNW-741-A	Test Report on Concrete Block for Walls – Width 10 CM	Section 04232	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 20, 2015		February 19, 2015	January 20, 2015	0	A	
SUB-00018-SNW-742-A	Test Report on Concrete Compressive Strength at 28 Days of Age – Foundation of EMR, L-Q Walls and Fence Wall Stations (0+000 to 0+016)	Section: 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 20, 2015		February 19, 2015	January 20, 2015	0	A	
SUB-00018-SNW-743-A	Test Report on Concrete Compressive Strength at 7 Days of Age – L-Q Parapet and Fence Wall Stations (0+016 to 0+068)	Section: 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 20, 2015		February 19, 2015	January 20, 2015	0	C	
SUB-00018-SNW-743-B	Test Report on Concrete Compressive Strength at 7 Days of Age – L-Q Parapet and Fence Wall Stations (0+016 to 0+068)	Section: 03300	TR	CONS	Lab Test	SNW			B		From main contractor directly	January 22, 2015		February 21, 2015	January 22, 2015	0	A	
SUB-00018-ARW-744-A	Test Report on Concrete Compressive Strength at 28 Days of Age – L-Q and EMR Edge Foundation & Trenches	Section: 03300	TR	CONS	Lab Test	ARW			A		From main contractor directly	January 20, 2015		February 19, 2015	January 20, 2015	0	A	
SUB-00018-WER-745-A	Debris Stop Gate and Mud Gate - Alternative	N/A	PD	CONS	SUB	WER			A		January 18, 2015	January 20, 2015		February 19, 2015	January 21, 2015	1	B	
SUB-00018-WER-746-A	Plumbing Piping and fittings-	Section: 15430- Paragraph: 2.2B-1, 2.3A and 2.7A & B	PD	CONS	SUB	WER			A		January 18, 2015	January 20, 2015		February 19, 2015				Retracted
SUB-00018-SNW-747-A	Kufr Rai Relocated to Anza Flow Control Valve DN:80mm, PN:40bar (S)09-PSX-HDV-210)	Section: 15217- Paragraph: 2.1C-2	PD	CONS	SUB	SNW			A		January 19, 2015	January 20, 2015		February 19, 2015	January 22, 2015	2	B	
SUB-00018-SNW-748-A	Aja New Flow Control Valve	Section: 15217- Paragraph: 2.1C-2	PD	CONS	SUB	SNW			A		January 19, 2015	January 20, 2015		February 19, 2015	January 22, 2015	2	B	
SUB-00018-WER-749-A	Visual Inspection Report of Welded Joints of Stainless Steel BT Roof Vent at ARW and SNW	Section 02570	TR	CONS	Lab Test	WER			A		From main contractor directly	January 22, 2015		February 21, 2015	January 22, 2015	0	A	
SUB-00018-SNW-750-A	Test Report on Concrete Compressive Strength at 28 Days of Age – Fence Wall from Station 0+016 to 0+068	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 22, 2015		February 21, 2015	January 22, 2015	0	A	
SUB-00018-SNW-751-A	Test Report on Concrete Compressive Strength at 28 Days of Age – L-Q Roof Slab	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 22, 2015		February 21, 2015	January 22, 2015	0	A	
SUB-00018-SNW-752-A	Test Report on Concrete Compressive Strength at 7 Days of Age – S.O.G and Electrical Trench for EMR	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 22, 2015		February 21, 2015	January 22, 2015	0	C	
SUB-00018-WER-753-A	Electrical Aluminum Pull Box	Section: 16110- Paragraph: 2.3B	PD	CONS	SUB	WER			A		January 21, 2015	January 22, 2015		February 21, 2015	January 26, 2015			Retracted
SUB-00018-WER-753-A	Electrical Aluminum Pull Box	Section 16110- Paragraph: 2.3B	PD	CONS	SUB	WER			A		January 26, 2015	January 28, 2015		February 27, 2015				Pending
SUB-00018-WER-754-A	Wood Door and Frame Sample	Section 08210- Paragraph: 1.2D	SMP	CONS	SUB	WER			A		January 21, 2015	January 22, 2015		February 21, 2015	January 26, 2015	4	C	
SUB-00018-WER-755-A	Method Statement for The Construction of Booster Room Slab and Barrels Installation	Section 11101	AD	CONS	SUB	WER			A		From main contractor directly	January 22, 2015		February 21, 2015	January 26, 2015	4	B	
SUB-00018-SNW-756-A	Electrical Shop Drawings for Electrical and Control Building - Sanur	Section: 16110- Paragraph: 1.2B	SD	CONS	SUB	SNW			A		January 24, 2015	January 26, 2015		February 25, 2015				Pending
SUB-00018-WER-757-A	Pre-submittal Conference Process Control and Instrumentation – Day 2 / IC Systems	Section: 17100- Paragraph: 1.2B	AD	CONS	SUB	WER			A		From main contractor directly	January 26, 2015		February 25, 2015	January 27, 2015	1	A	
SUB-00018-ARW-758-A	Test Report on Concrete Compressive Strength at 7 Days of Age – S.O.G of EMR and Trenches	Section 03300	TR	CONS	Lab Test	ARW			A		From main contractor directly	January 27, 2015		February 26, 2015	January 27, 2015	0	A	
SUB-00018-ARW-759-A	Test Report on Concrete Compressive Strength at 7 Days of Age – Walls of L-Q Building	Section 03300	TR	CONS	Lab Test	ARW			A		From main contractor directly	January 27, 2015		February 26, 2015	January 27, 2015	0	A	
SUB-00018-ARW-760-A	Soil Confirmation Report for Electrical Control Building - Arraba Well	Section 02200	TR	CONS	Lab Test	ARW			A		From main contractor directly	January 27, 2015		February 26, 2015	January 27, 2015	0	A	
SUB-00018-ARW-761-A	Field Density Compaction Test for Substrata – Below S.O.G of Electrical Control Building	Section 02200	TR	CONS	Lab Test	ARW			A		From main contractor directly	January 27, 2015		February 26, 2015	January 27, 2015	0	A	
SUB-00018-ARW-762-A	Field Density Compaction Test for Substrata – Edge Foundation of Electrical Control Building	Section 02200	TR	CONS	Lab Test	ARW			A		From main contractor directly	January 27, 2015		February 26, 2015	January 27, 2015	0	A	
SUB-00018-WER-763-A	Steel Water Pipes Marking	Section 02570- Paragraph: 2.1B	PD	CONS	SUB	WER			A		January 22, 2015	January 27, 2015		February 26, 2015				Pending
SUB-00018-ARW-764-A	Test Report on Concrete Compressive Strength at 28 Days of Age – S.O.G of L-Q Building	Section 03300	TR	CONS	Lab Test	ARW			A		From main contractor directly	January 27, 2015		February 26, 2015	January 27, 2015	0	A	
SUB-00018-ARW-765-A	Arraba Magnetic Flow Measuring System	Section: 17102- Paragraph: 2.1	PD	CONS	SUB	ARW			A		From main contractor directly	January 28, 2015		February 27, 2015				Pending
SUB-00018-SNW-766-A	Sanur Magnetic Flow Measuring System	Section: 17102- Paragraph: 2.1	PD	CONS	SUB	SNW			A		From main contractor directly	January 28, 2015		February 27, 2015				Pending
SUB-00018-WER-767-A	Additional Storage Yard - Arraba	Section 01550- Paragraph: 1.3-A	AD	CONS	SUB	WER			A		From main contractor directly	January 28, 2015		February 27, 2015	January 29, 2015	1	B	
SUB-00018-WER-768-A	Method Statement for Concrete Surface Repair-Response to SM-13-0018-WER-E-C-015	Section 03700- Paragraph: 1.3B-1	AD	CONS	SUB	WER			A		From main contractor directly	January 28, 2015		February 27, 2015				Pending
SUB-00018-SNW-769-A	Water Drain System Shop Drawing for Sanur Electrical Metering Building (Mechanical)	Section 16110- Paragraph: 2.3B	SD	CONS	SUB	SNW			A		January 23, 2015	January 28, 2015		February 27, 2015				Pending

ARW 22.7 Requests for Information Log

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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-18-WER-C-E-064	Fire Alarm and Intrusion Switches in Arraba and Sanur Projects		Section 17100	Arraba and Sanur wells conformed drawings-4E-6, 4E-8, 4E-9, 3E-6, 3E-8, 3E-9.	January 4, 2015	January 12, 2015	8	Response	1. In principal, CMC have no objection on Contractor's proposal to install a separate controller for fire Alarm and Intrusion System. However, contractor to provide cost/technical comparison to allow CMC to properly review and provide final response. 2. In addition, Contractor to include an addressable Feedback reference to PLC and SCADA through a suitable communication port and maintain the SCADA control and monitor as per requirement in section 17300.	
RFI-18-WER-C-E-065	Medium Voltage Metal-Enclosed Switch Gear 36KV		Section-16362		January 6, 2015	January 12, 2015	6	Response	Contractor to provide cost/technical comparison to allow CMC to properly review and provide final response	
RFI-18-WER-C-E-066	Tank Mounted Compressors		Section-11511		January 12, 2015			Retracted		January 26, 2015
RFI-18-WER-C-E-066	Tank Mounted Compressors		Section-11511		January 26, 2015			Pending		
RFI-18-WER-C-E-067	Exothermic Welding of Earthing Wiring and Rods		Section-16450-2.2d & 16670-2.111	Program Standard Details (Sheet-GE-6, Detail ES-351)	January 21, 2015	January 26, 2015	5	Response	CMC has no objection to use Oxycetylene Welding (OAW) in lieu of Exothermic welding for earthing wires and rods with no cost/time impact.	
RFI-18-WER-C-E-068	Cold and hot potable water above floor piping and fittings		Section-15430-2.2	Design Drawing-Sheet LQP-3	January 28, 2015			Pending		
RFI-18-WER-C-E-069	Booster Station Underground Drain Piping			Conformed Drawings-(3M-3, 4M-3)	January 28, 2015			Pending		

ARW 22.8 Variation Order Request and Variation Order Log

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Task Order:	Task Order: 00018-WER	NTP:	October 23, 2013
Projects:	Project 1-ARW Arraha Well Pump Station Rehabilitation & Infrastructure Improvements	NOA:	September 25, 2013
	Project 2-SNW Samar Well Pump Station Rehabilitation & Infrastructure Improvements		

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								

There were no VOs issued during the reporting period

Task Order:	Task Order: 00018-WER	NTP: October 23, 2013
Projects:	Project 1-ARW Arraba Well Pump Station Rehabilitation & Infrastructure Improvements	NOA: September 25, 2013
	Project 2-SNW Sanur Well Pump Station Rehabilitation & Infrastructure Improvements	

VOR Log

VOR no.	Date	Revision Date	Time Modification	Modification Cost (\$)	Reference			Subject	Status	VO no.
					Shop Drawings/ Submittal/ Specifications	BOQ Item no.	RFI/ Other			
VOR-00018-WER-008-A	January 15, 2015		11 Days	\$5,462.79			IRs.#019 & 022, RFI.#040, Approved DJCRs.#291, 293, 294, 296, 301, 303, 306, 307, 308, 309, 310 and Hijjawi Lab Report.#M/1407/186	1- Extra excavations at SNW Balance Tank area-Booster pumps suction header area to an extra depth of 2 meters. 2- Back filling of 4 layers of base course, spreading and compaction.		
VOR-00018-WER-009-A	January 27, 2015		0 Days	\$0.00			RFI-13-00018-WER-C-E-055 & RFI-13-00018-WER-C-E-061	Tank Roof Handrail and External Ladder		

ARW 22.9 Employment Generated Data

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USAID WEST BANK/ GAZA
 INFRASTRUCTURE NEEDS PROGRAM INPII
 CONTRACT NO. AID-294-I-00-12-00003
 TASK ORDER NO. AID-294-TO-13-00018
 Wells Rehabilitation Project-WER
 Temproray Job Days Summary Report

Task Order Name: Wells Rehabilitation Project-WER

PERIOD FROM: Oct-23-2013 (NTP)

Sub-project or Activity Name: Project 1-ARW Arraba Well Pump Station

PERIOD TO:

CONTRACTOR: IRD

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Total Job Days (Males)	Total Job Days (Females)	Notes of Comments
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other					
October	2013	5	0	0	0	0	5	0	5	0	
November	2013	44	0	4	5	1	53	2	53	0	
December	2013	53	21	30	14	27	144	6	136	8	
January	2014	65	60	100	55	88	368	15	339	29	
February	2014	64	62	57	87	102	371	16	342	29	
March	2014	75	78	171	122	105	550	23	508	42	
April	2014	78	77	129	85	178	547	23	482	65	
May	2014	84	83	263	141	233	803	34	738	65	
June	2014	78	78	277	163	225	820	34	768	52	
July	2014	72	69	208	113	195	656	28	609	47	
August	2014	78	78	247	161	220	784	33	732	52	
September	2014	82	79	232	155	194	742	31	695	47	
Total of FY 2014							5843	245.4989496	5407	436	
October	2014	67	66	163	131	188	615	26	582	33	
November	2014	80	79	217	157	189	721	30	682	39	
December	2014	80	81	204	134	202	701	29	660	41	
January	2015	72	71	164	112	202	620	26			
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							2657	111.6281513			

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. AID-294-I-00-12-00003
TASK ORDER NO. AID-294-TO-13-00018
Wells Rehabilitation Project-WER
TEMPORARY JOB DAYS REPORT

Task Order Name: Well Rehabilitation Project
 Sub-project or Activity Name: Araba Well Pump Station
 CONTRACTOR: IRD
 SUBCONTRACTOR: Al-Abbasi

DATE	Site Staff Job Days **																							Man-days*								
	Management				Worker/Classification (Hours)														Other					Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other				
	Task Order Manager	Quality Control Manager	Safety & Env. Manager	Project Manager #1, #2, etc.	Document Control Engineer	Document Control Engineer	Gen Engineer (E)	Office Engineer	Site Engineer	Superintendent	Skilled Labor	Unskilled Labor	Guard/Security	Junior (J)	Junior	Document Control Officer	Surveyor	Surveyor Assistant	Welder	Cook/Prep	Driver	Supervisor										
January 1, 2015	4	4	4	12	4	4	4	4	8	8	24	8	16		24	36	4	8	4	4				8			3	3	7	3	8	
January 2, 2015												8	8			36									8			0	0	2	0	6
January 3, 2015	4	4	4	12	4	4	4	4	8	8		8			8	36	4	8	4	4							3	3	2	1	7	
January 4, 2015	4	4	4	12	4	4	4	4	8	8		8			8	36	4	8	4	4							3	3	2	1	7	
January 5, 2015	4	4	4	12	4	4	4	4	8	8		8	5		24	36	4	8	4	4							5	3	2,375	3	7	
January 6, 2015	4	4	4	12	4	4	4	4	8	8	24	8			32	36	4	8	4	4							3	3	5	4	7	
January 7, 2015	4	4							8							36	4										1	1	0	0	5	
January 8, 2015	4	4							8				4			36	4										1	1	0.5	0	5	
January 9, 2015																36											0	0	0	0	4.5	
January 10, 2015	4	4	4	8					8						8	36											2.5	1	0	1	4.5	
January 11, 2015	4	4	4	8	4	4		4	8	8	24		2		32	36		8	4								2.5	2.5	4.25	4	6	
January 12, 2015	4	4	4	12	4	4	4	4	8	8	40	8			40	36	8	8	4	4							3	3	7	5	7.5	
January 13, 2015	4	4	4	12	4	4	4	4	8	8	40	8			40	36	8	8	4	4							3	3	7	5	7.5	
January 14, 2015	4	4	4	12	4	4	4	4	8	8	48	8			48	36	8	8	4	4							3	3	8	6	7.5	
January 15, 2015	4	4	4	12	4	4	4	4	8	8	48	8			48	36	8	8	4	4							3	3	8	6	7.5	
January 16, 2015											2					36												0	0	0.25	0	4.5
January 17, 2015	4	4	4	8	4	4	4	4	8	8	48	8			56	36	4	8									2.5	3	8	7	6	
January 18, 2015	4	4	4	8	4	4	4	4	8	8	48	8			56	36	4	8	4								2.5	3	8	7	6.5	
January 19, 2015	4	4	4	12	4	4	4	4	8	8	24	8	4		24	36	4	8	4	4				4			3	3	5.5	3	7.5	
January 20, 2015	4	4	4	12	4	4	4	4	8	8	56	8	6		56	36	4	8	4	4				4			3	3	9.75	7	7.5	
January 21, 2015	4	4	4	12	4	4	4	4	8	8	40	8	8		40	36	4	8	4	4							3	3	8	5	8	
January 22, 2015	4	4	4	12	4	4	4	4	8	8	48	8	12		48	36	4	8	4					6			3	3	9.5	6	7.25	
January 23, 2015																36											0	0	0	0	4.5	
January 24, 2015	4	4	4	12		4	4	4	8	8	48	8	16		48	36	4	8	4	4							3	2.5	10	6	7	
January 25, 2015	4	4	4	12	4	4	4	4	8	8	40	8	16		40	36	4	8	4	4							3	3	9	5	7	
January 26, 2015	4	4	4	12	4	4	4	4	8	8	40	8	12		40	36	4	8	4	4							3	3	8.5	5	7	
January 27, 2015	4	4	4	12	4	4	4	4	8	8	40	8	5		48	36	4	8	4	4							3	3	7.625	6	7	
January 28, 2015	4	4	4	12	4	4	4	4	8	8	40	8	4		40	36	4	8	4	4							3	3	7.5	5	7	
January 29, 2015	4	4	4	12	4	4	4		8	8	48	8	8		48	36	4	8	4	4							3	2.5	9	6	7	
January 30, 2015															2	36											0	0	0	0.25	4.5	
January 31, 2015	4	4	4	12	4	4	4	4	8	8	40	8	8		40	36	4	8		4							3	3	8	5	6.5	
Total of Month	104	104	96	272	88	92	88	88	208	186	808	184	132	0	898	1116	112	184	88	76	0	0	0	38	0	72	70.5	163.75	112.25	201.75		

ARW 22.10 Risk Register Log

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RISK IDENTIFICATION							RISK ASSESSMENT					RISK RESPONSE			MONITORING & CONTROLLING	
REF	CATEGORY	RISK	RISK CAUSE	IMPACT/CONSEQUENCE	RAISED BY	DATE RAISED	PROBLTY.	IMPACT	RISK RATING	COST IMPACT	SCHEDULE IMPACT	RESPONSE STRATEGY	RESPONSE PLAN	RISK OWNER	STATUS	NOTES
1	Construction	Interruption or damage of underground utilities	The risk lies during excavation work and demobilization in hitting or damaging the underground utilities such as 10" pipe and/or the buried electric cables	Delay in work, water shortage, electric shortage, injuries	Contractor	19th of March, 2014	2	2	4	Yes	Yes	Mitigate	During the excavation process, the contractor will take all safety measures to avoid hitting or damaging these utilities and will coordinate with local authorities to figure out the location of such utilities. The 10" pipe will be supported by steel supporting jacks to avoid bending and breaking during pumping process.	IRD	Existing	
2	Construction	Construction activities in energized environment	This is an existing pumping station where power supply and electric boards shall be maintained according to contract until the last phase of construction	Personnel injuries (electric shock).	Contractor	1st of Dec, 2013	1	3	3	No	No	Mitigate	All power cables were isolated and protected. Tag-out lock-out procedure on electric boards is implemented.	IRD	Existing	
3	Construction	Fall of personnel during construction of Balance Tank.	Personnel working in construction activities are usually subject to sudden slippage off scaffolding and might get injured by reinforcing steel bars or any other objects.	Personnel injuries.	Contractor	September, 2014	2	1	2	No	No	Mitigate	Holding TB meetings regularly to aware workers of existing danger. Apply safety measures by wearing PPTs. Avoid running over scaffoldings. Good house-keeping of the site in all times.	IRD	Existing	
4	Construction	Fall of loose material during backfilling behind retaining wall and/or slipping of personnel and equipment due to wet ground.	The cut part in the hill west to the retaining wall could contain loose material that might be released and fall during rainy times. Slipping could occur due to Rain and that will wet the ground.	Personnel injuries.	Contractor	October, 2015	2	3	6	No	No	Mitigate	1- Initial release of an any possible loose materials. 2- All working personnel on moving equipment are instructed to strictly follow flag man directions. 3- Working personnel are instructed to avoid working and moving on wet ground, they should wait until the ground is dry. 4- The high area facing the retaining wall from western side is covered with and protected with plastic shelters from the highest point till the bottom of the ground.	IRD	Existing	
5	Contractor	Delay in procurement of big electrical equipment	Procurement of electrical equipment (control and instrumentation) might encounter a delay due changing supplier. The original supplier failed to fulfill specifications as per first few submittals he provided which were rejected by the Engineer.	Delay in commissioning date of the project	Contractor	25th of October, 2014	2	3	6	NO	Yes	Mitigate	Contractor is working closely with the Sub and the alternative supplier in leading all meetings and discussions in this regard. Huge efforts are made so far and extreme is being exerted on the alternative supplier to accelerate submission process of relevant submittals and to squeeze manufacturing period as much as possible to save time.	IRD	Existing	
6	Contractor	Working in confined space (Balance Tank).	The balance tank has a limited or restricted means for entry or exit that may complicate the provision of first aid, evacuation, rescue, or other emergency response service. Besides, concrete surfaces repair of internal walls will produce dust, gases, etc., which could harm repair staff.	Personnel injuries.	Contractor	27th of December, 2014	2	2	4	No	No	Mitigate	Approved confined space safety plan shall be implemented prior conducting any repair inside Balance Tanks. Tool box meetings were held (and will be regularly held during work) to enhance staff awareness of risks and dangers during implementation of such activities.	IRD	Existing	

CONSTRUCTION MONTHLY PROGRESS REPORT- ATTACHMENTS

Reporting Period:

January 01-January 31, 2015

PROJECT 2-SANUR WELL PUMP STATION-SNW

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Attachments

SNW 22.1	Updated Schedule- Roll-up and One Month Look Ahead
SNW 22.2	“S” Curve
SNW 22.3	Site Memos Log
SNW 22.4	Material and Equipment Delivered to Site
SNW 22.5	Inspection Requests Log
SNW 22.6	Submittals Log
SNW 22.7	Requests for Information Log
SNW 22.8	Variation Order Request Log
SNW 22.9	Employment Generated Data
SNW 22.10	Risk Register Table

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SNW 22.1 Updated Schedule- Roll-up and One Month Look Ahead

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RFTOP WATER-294-13-00018 WELL REHABILITATION IMPROVEMENTS

One Month Look Ahead

01-Feb-15

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Actual Start	Actual Finish	Total Float	Q	Q	Q	Q	Q	Q	Q																
								D	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J		
RFTOP WATER-294-13-00018 WELL REHABILITATION & IMPROVEMENTS																														
Milestones																														
Intermediate Milestones																														
MS00068	Completion of Rehabilitation for Sanour Well Pump Station	0		01-Feb-15			103																							
Submittals																														
Construction Submittals																														
Material Submittals																														
Civil																														
Building Works																														
CS690	Prep.&Submit Rough&Finish Carpentry - Product Data	7	01-Feb-15	09-Feb-15			9																							
CS760	Prep.&Submit Sealants Caulking & Grout- Product Data & Sample	7	01-Feb-15	01-Feb-15	16-Apr-14		27																							
CS780	Prep.&Submit Flush Wood Doors - Sample	7	01-Feb-15	09-Feb-15			9																							
CS810	Prep.&Submit Coiling Doors & Grilles - Sample & Product Data	7	01-Feb-15	09-Feb-15			8																							
CS935	Approval of Ceramic Tiles - Sample & Product Data	0		01-Feb-15			42																							
CS982	Prep.&Submit Toilet Accessories - Sample & Product Data	7	01-Feb-15	09-Feb-15			9																							
Roads Works																														
CS280	Prep.&Submit Asphalt Mix Design - Test Report	7	01-Feb-15	09-Feb-15			20																							
CS460	Prep.&Submit MC Prime Coat - Data Sheet	7	01-Feb-15	09-Feb-15			20																							
CS470	Prep.&Submit Asphalt Core Test	7	01-Feb-15	09-Feb-15			20																							
CS740	Prep.&Submit Road Accessories - Product Data & Sample	7	01-Feb-15	09-Feb-15			27																							
Miscellaneous																														
CS486	Prep&Submit Gates - Sample	7	01-Feb-15	09-Feb-15			-1																							
CS510	Prep.&Submit Reinforced Concrete Pipe - Data Sheet & Certificates	7	01-Feb-15	01-Feb-15	15-Jan-15		-13																							
CS600	Prep.&Submit Anchors&Aluminum Roof Hatches- Data Sheets&Certificates	7	01-Feb-15	01-Feb-15	06-Jan-14		14																							
CS700	Prep.&Submit PVC Membrane Roofing - Sample&Product Data	7	01-Feb-15	01-Feb-15	03-Dec-14		11																							
CS860	Prep.&Submit Finish & Hardware Product - Sample & Product Data	7	01-Feb-15	09-Feb-15			9																							
CS970	Prep.&Submit Lockers - Sample & Product Data	7	01-Feb-15	09-Feb-15			10																							
CS975	Prep.&Submit Storage Shelving - Sample	7	01-Feb-15	03-Feb-15	15-Jan-15		-14																							
CS996	Prep.&Submit Toilet Accessories - Sample & Product Data	5	01-Feb-15	07-Feb-15			11																							
Mechanical																														
Local Manufacturer																														
CS351	Prep&Submit Refrigerant Pipes - Product Data	5	01-Feb-15	07-Feb-15			86																							
CS481	Prep&Submit Pipe,Duct Work&Equipment Insulation - Product Data	5	01-Feb-15	07-Feb-15			86																							
CS577	Approval of Valves (Control, Gate, Butterfly, Check, Ball, Pressure, etc) - Product Data/Test Reports	0		01-Feb-15			-9																							
CS661	Prep&Submit Heat, Ventilation&Air Conditioning Equipment - Product Data	5	01-Feb-15	07-Feb-15			86																							
CS677	Prep&Submit Chlorination System Pumps, Tanks, Drums, Injectors, Hose Pips.	5	01-Feb-15	07-Feb-15			13																							
CS688	Prep&Submit Kltchen Equipment - Product Data	5	01-Feb-15	07-Feb-15			11																							
Abroad Manufacturer (Long Lead Items)																														
CS271	Prep&Submit Compressors, Tank-Mounted, Reciprocating	5	01-Feb-15	01-Feb-15	15-Sep-14		17																							
CS291	Prep&Submit Horizontal Louver Blinds - Sample	5	01-Feb-15	01-Feb-15	15-Sep-14		7																							
CS311	Prep&Submit Polyethylene Tank - Product Data	5	01-Feb-15	01-Feb-15	15-Sep-14		-29																							
CS537	Prep&Submt Air Conditioning Units&Accessories	5	01-Feb-15	01-Feb-15	24-Aug-14		91																							
Electrical																														
Abroad Manufacturer (Long Lead Items) (AKRAM SALAH - IC Systems Ltd)																														
CS1145	Approval of Metal Enclosed Switchgear - Product Data	0		03-Feb-15			-30																							
CS1230	Prep.&Submit Local Control Stations and Miscellaneous Electrical Devices - Product Data	5	01-Feb-15	01-Feb-15	15-Dec-14		-28																							
CS1270	Prep.&Submit Process Control&Instrumentation System - Product Data	5	01-Feb-15	01-Feb-15	15-Dec-14		-27																							
CS1285	Approval of PLC-Based Control Systems Hardware&Software - Product Data	0		01-Feb-15			-1																							
CS1310	Prep.&Submit Level Measuring System - Product Data&Certificates	5	01-Feb-15	01-Feb-15	15-Mar-14		-28																							

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



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

SNW 22.2 “S” Curve

DISCLAIMER:

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TASK ORDER NO. AID-294-TO-13-00018

PROJECT 1 Arrabeh Well Pump Station - Rehabilitation and Infrastructure Improvements

Original Total Contract Value Less Day Work	\$43,376,000
NTF (Revised to Proceed)	22,026,117
Duration of Contract	12 Dec 14
Completion Date	25 Mar 15
Date Data	1 Dec 14

PROJECT 2 Sasur Well Pump Station - Rehabilitation and Infrastructure Improvements

Original Total Contract Value without Day Work for Project 2 (Sasur)	\$7,000,000
Revised Total Contract Value Less Day Work as per VO #1	\$7,000,000
NTF (Revised to Proceed)	2,000,000
Duration of Contract	22 Dec 14
Completion Date	10 Feb 15
Date Data	1 Dec 14

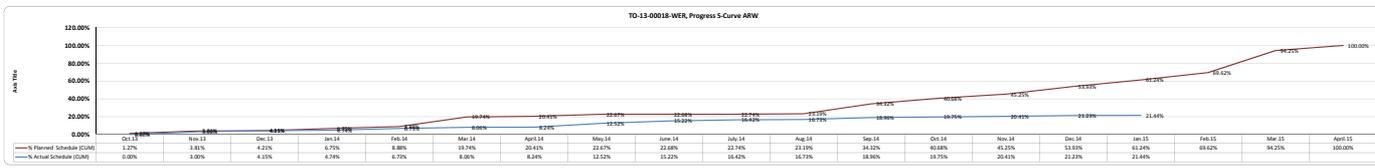
PROJECT 3 Saadeh Well Pump Station - Rehabilitation

Original Total Contract Value without Day Work for Project 3 (Saadeh)	\$40,000,000
Revised Total Contract Value Less Day Work as per VO #1	\$39,500,000
NTF (Revised to Proceed)	22,026,117
Duration of Contract	10 Feb 14
Completion Date	13 Mar 14
Date Data	1 Dec 14

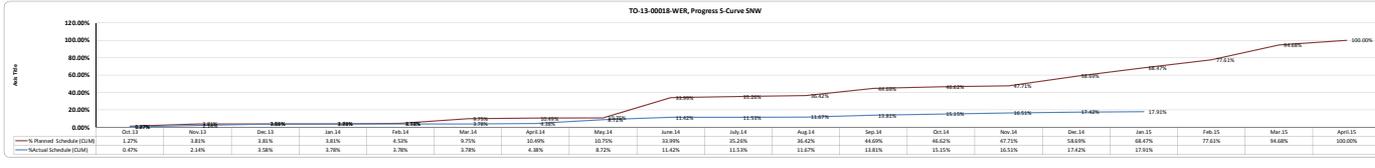
TASK ORDER (PROJECT 1, PROJECT 2 & PROJECT 3)

Total Contract Value Less Day Work	\$142,000,000
Day Work Value	\$100,000,000
Total Contract Value Including Day Work	\$142,000,000
Revised Total Contract Value Less Day Work	\$113,000,000
Day Work Value as per VO #1	\$100,000,000
Revised Total Contract Value Less Day Work as per VO #1	\$113,000,000
Day Work Value	\$100,000,000
Total Contract Value Including Day Work	\$113,000,000
Revised Total Contract Value without Day Work for Task Order (VO # 1)	\$113,000,000
Revised Day Work Amount (VO #1)	\$100,000,000

	Oct 13	Nov 13	Dec 13	Jan 14	Feb 14	Mar 14	Apr 14	May 14	Jun 14	Jul 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14	Jan 15	Feb 15	Mar 15	Apr 15	TOTAL
Planned Schedule Value	\$62,700.18	\$108,510.37	\$128,320.56	\$145,834.52	\$158,884.14	\$170,460.91	\$177,377.42	\$179,344.14	\$178.74	\$188.53	\$207.90	\$220,813.31	\$449,046.14	\$589,822.42	\$549,024.48	\$476,024.48	\$343,510.48	\$274,510.48	\$214,510.48	\$6,510,870.57
Actual Schedule Value (CSM)	\$72,000.00	\$120,000.00	\$140,000.00	\$155,000.00	\$165,000.00	\$170,000.00	\$172,000.00	\$173,000.00	\$174,000.00	\$175,000.00	\$176,000.00	\$177,000.00	\$178,000.00	\$179,000.00	\$180,000.00	\$181,000.00	\$182,000.00	\$183,000.00	\$184,000.00	\$185,000.00
% Planned Schedule (CSM)	1.2%	1.8%	2.3%	2.9%	3.5%	4.1%	4.7%	5.3%	5.9%	6.5%	7.1%	7.7%	8.3%	8.9%	9.5%	10.1%	10.7%	11.3%	11.9%	12.5%
% Actual Schedule (CSM)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

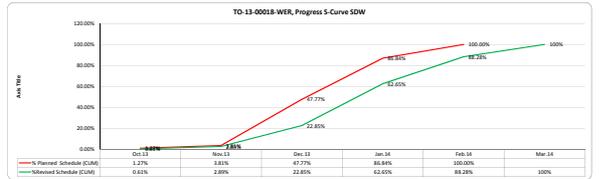


	Oct 13	Nov 13	Dec 13	Jan 14	Feb 14	Mar 14	Apr 14	May 14	Jun 14	Jul 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14	Jan 15	Feb 15	Mar 15	Apr 15	TOTAL
Planned Schedule Value	\$62,700.18	\$108,510.37	\$128,320.56	\$145,834.52	\$158,884.14	\$170,460.91	\$177,377.42	\$179,344.14	\$178.74	\$188.53	\$207.90	\$220,813.31	\$449,046.14	\$589,822.42	\$549,024.48	\$476,024.48	\$343,510.48	\$274,510.48	\$214,510.48	\$6,510,870.57
Actual Schedule Value (CSM)	\$72,000.00	\$120,000.00	\$140,000.00	\$155,000.00	\$165,000.00	\$170,000.00	\$172,000.00	\$173,000.00	\$174,000.00	\$175,000.00	\$176,000.00	\$177,000.00	\$178,000.00	\$179,000.00	\$180,000.00	\$181,000.00	\$182,000.00	\$183,000.00	\$184,000.00	\$185,000.00
% Planned Schedule (CSM)	1.2%	1.8%	2.3%	2.9%	3.5%	4.1%	4.7%	5.3%	5.9%	6.5%	7.1%	7.7%	8.3%	8.9%	9.5%	10.1%	10.7%	11.3%	11.9%	12.5%
% Actual Schedule (CSM)	0.4%	1.4%	2.4%	3.4%	4.4%	5.4%	6.4%	7.4%	8.4%	9.4%	10.4%	11.4%	12.4%	13.4%	14.4%	15.4%	16.4%	17.4%	18.4%	19.4%



PROGRESS 5-CURVE & CASH FLOW SCHEDULE

	Oct 13	Nov 13	Dec 13	Jan 14	Feb 14	Mar 14	TOTAL
Planned Schedule Value	\$5,489.83	\$10,979.66	\$16,469.49	\$21,959.32	\$27,449.15	\$32,938.98	\$142,834.43
Actual Schedule Value (CSM)	\$5,489.83	\$10,979.66	\$16,469.49	\$21,959.32	\$27,449.15	\$32,938.98	\$142,834.43
% Planned Schedule (CSM)	3.8%	7.7%	11.5%	15.4%	20.3%	25.2%	100%
% Actual Schedule (CSM)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%



TASK ORDER NO. AID-294-TO-13-00018

PROJECT 1 Arrabeh Well Pump Station - Rehabilitation and Infrastructure Improvements

Original Total Contract Value Less Day Work	\$43,370.00
NTF (Revised to Proceed)	\$0.00
Duration of Contract	12 Dec 11
Completion Date	25 Mar 12
Date Data	1 Dec 11

PROJECT 2 Sasur Well Pump Station - Rehabilitation and Infrastructure Improvements

Original Total Contract Value without Day Work for Project 2 (Sasur)	\$7,314,000.00
Revised Total Contract Value Less Day Work as per VO #1	\$7,227,000.00
NTF (Revised to Proceed)	\$0.00
Original Duration of Contract	22 Dec 11
Original Completion Date	22 Dec 11
Revised Duration of Contract as per VO #1	22 Dec 11
Revised Completion Date as per VO #1	22 Dec 11
Date Data	1 Dec 11

PROJECT 3 Saadeh Well Pump Station - Rehabilitation

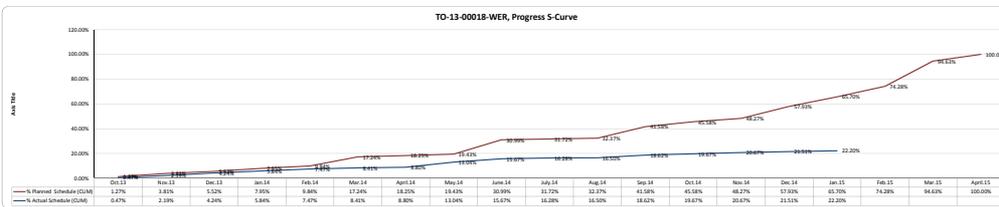
Original Total Contract Value Less Day Work for Project 3 (Saadeh)	\$403,800.00
Revised Total Contract Value Less Day Work as per VO #1	\$378,000.00
NTF (Revised to Proceed)	\$0.00
Original Duration of Contract	10 Feb 11
Original Completion Date	02 Dec 11
Revised Duration of Contract as per VO #2	10 Mar 11
Revised Completion Date as per VO #2	10 Mar 11
Date Data	1 Dec 11

TASK ORDER (PROJECT 1, PROJECT 2 & PROJECT 3)

Total Contract Value Less Day Work	\$14,027,800.00
Day Work Value	\$700,000.00
Total Contract Value Including Day Work	\$14,727,800.00
Revised Total Contract Value Less Day Work	\$13,527,000.00
Day Work Value as per VO #1	\$627,000.00
Revised Total Contract Value Less Day Work as per VO #1	\$14,154,000.00
Day Work Value	\$671,394.00
Total Contract Value Including Day Work	\$14,825,394.00
Revised Total Contract Value without Day Work for Task Order (VO # 1)	\$13,504,605.82
Revised Day Work Amount (VO #1)	\$670,398.18

PROGRESS S-CURVE & CASH FLOW SCHEDULE

	Oct 11	Nov 11	Dec 11	Jan 12	Feb 12	Mar 12	Apr 12	May 12	June 12	July 12	Aug 12	Sep 12	Oct 12	Nov 12	Dec 12	Jan 13	Feb 13	Mar 13	April 13	May 13	TOTAL	
Revised Schedule Value	\$178,000.00	\$294,000.00	\$279,000.00	\$240,000.00	\$200,000.00	\$150,000.00	\$100,000.00	\$50,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,027,800.00
Revised Schedule Value (CUM)	\$178,000.00	\$492,000.00	\$771,000.00	\$1,011,000.00	\$1,211,000.00	\$1,361,000.00	\$1,461,000.00	\$1,511,000.00	\$1,511,000.00	\$1,511,000.00	\$1,511,000.00	\$1,511,000.00	\$1,511,000.00	\$1,511,000.00	\$1,511,000.00	\$1,511,000.00	\$1,511,000.00	\$1,511,000.00	\$1,511,000.00	\$1,511,000.00	\$1,511,000.00	\$14,027,800.00
Actual Schedule Value	\$80,000.00	\$200,000.00	\$280,000.00	\$310,000.00	\$320,000.00	\$330,000.00	\$340,000.00	\$350,000.00	\$360,000.00	\$370,000.00	\$380,000.00	\$390,000.00	\$400,000.00	\$410,000.00	\$420,000.00	\$430,000.00	\$440,000.00	\$450,000.00	\$460,000.00	\$470,000.00	\$480,000.00	\$4,825,394.00
% Revised Schedule (CUM)	1.2%	3.4%	5.5%	7.2%	8.6%	9.5%	10.3%	10.8%	11.1%	11.3%	11.4%	11.5%	11.6%	11.7%	11.8%	11.9%	12.0%	12.1%	12.2%	12.3%	12.4%	100%
% Actual Schedule (CUM)	0.6%	1.7%	2.9%	3.4%	3.6%	3.7%	3.8%	3.9%	4.0%	4.1%	4.2%	4.3%	4.4%	4.5%	4.6%	4.7%	4.8%	4.9%	5.0%	5.1%	5.2%	33%



SNW 22.3 Site Memos Log

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Site Memoranda From Engineer To Contractor (SM)

Number	Description/Subject	Date Received	Response Date	Comments
SM-13-00018-WER-E-C-015	Concrete Surface Defects for Electrical Metering Building Foundation at Project #2	January 18, 2015		SM is referred to Sanur Project
SM-13-00018-WER-E-C-016	Construction of Retaining Walls at Project #2	January 21, 2015		SM is referred to Sanur Project
SM-13-00018-WER-E-C-017	Sanur Connection Pipe Yard	January 26, 2015		SM is referred to Sanur Project
SM-13-00018-WER-E-C-018	Modification of Chlorination System and Buildings for Project #1 and Project #2	January 26, 2015		SM is referred to WER Projects
SM-13-00018-WER-E-C-019	Supply and Install Additional Vertical Turbine Pumps for Project #1	January 29, 2015		SM is referred to Arraba Project

SNW 22.4 Material & Equipment Delivered to Site Log

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Equipment Log

Task Order:		AID-294-TO-13-00018			
Project:		Wells Rehabilitation Project			
Sub-project		Sanur Well Pump Station Rehabilitation & Infrastructure Improvements			
No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
1	January 1, 2015	JCB Back Hole-1993-1			1
2		Steel Compactor			1
3		Mitsubishi L200-2007	1	8	
4		Total Station			1
5		Level			1
6		Concrete Vibrator			1
7	January 2, 2015	JCB Back Hole-1993-1			1
8		Steel Compactor			1
9		Mitsubishi L200-2007	1	8	
10		Total Station			1
11		Level			1
12		Concrete Vibrator			1
13	January 3, 2015	JCB Back Hole-1993-1			1
14		Steel Compactor			1
15		Mitsubishi L200-2007	1	8	
16		Total Station			1
17		Level			1
18		Concrete Vibrator			1
19	January 4, 2015	JCB Back Hole-1993-1			1
20		Steel Compactor			1
21		Mitsubishi L200-2007	1	8	
22		Total Station			1
23		Level			1
24		Concrete Vibrator			1
25	January 5, 2015	JCB Back Hole-1993-1			1
26		Steel Compactor			1
27		Mitsubishi L200-2007	1	8	
28		Total Station			1
29		Level			1
30		Concrete Vibrator			1

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
31	January 6, 2015	JCB Back Hole-1993-1	1	4	
32		Steel Compactor			1
33		Mitsubishi L200-2007	1	8	
34		Total Station			1
35		Level	1	1	
36		Concrete Vibrator			1
37	January 7, 2015	JCB Back Hole-1993-1			1
38		Steel Compactor			1
39		Mitsubishi L200-2007	1	8	
40		Total Station			1
41		Level			1
42		Concrete Vibrator			1
43	January 8, 2015	JCB Back Hole-1993-1			1
44		Steel Compactor			1
45		Mitsubishi L200-2007	1	8	
46		Total Station			1
47		Level			1
48		Concrete Vibrator			1
49	January 9, 2015	JCB Back Hole-1993-1			1
50		Steel Compactor			1
51		Total Station			1
52		Level			1
53		Concrete Vibrator			1
54	January 10, 2015	JCB Back Hole-1993-1			1
55		Steel Compactor			1
56		Mitsubishi L200-2007	1	8	
57		Total Station			1
58		Level			1
59		Concrete Vibrator			1
60	January 11, 2015	JCB Back Hole-1993-1			1
61		Steel Compactor			1
62		Mitsubishi L200-2007	1	8	
63		Total Station			1
64		Level			1
65		Concrete Vibrator			1
66	January 12, 2015	JCB Back Hole-1993-1	1	8	
67		Steel Compactor	1	4	
68		Mitsubishi L200-2007	1	8	
69		Total Station			1
70		Level			1
71		Concrete Vibrator			1

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
72	January 13, 2015	JCB Back Hole-1993-1	1	4	
73		Steel Compactor			1
74		Mitsubishi L200-2007	1	8	
75		Total Station			1
76		Level			1
77		Concrete Vibrator			1
78	January 14, 2015	JCB Back Hole-1993-1			1
79		Steel Compactor			1
80		Mitsubishi L200-2007	1	8	
81		Total Station			1
82		Level			1
83		Concrete Vibrator			1
84	January 15, 2015	JCB Back Hole-1993-1			1
85		Steel Compactor			1
86		Mitsubishi L200-2007	1	8	
87		Total Station			1
88		Level			1
89		Concrete Vibrator			1
90	January 16, 2015	JCB Back Hole-1993-1			1
91		Steel Compactor			1
92		Mitsubishi L200-2007	1	2	
93		Total Station			1
94		Level			1
95		Concrete Vibrator			1
96	January 17, 2015	JCB Back Hole-1993-1			1
97		Steel Compactor			1
98		Mitsubishi L200-2007	1	8	
99		Total Station			1
100		Level			1
101		Concrete Vibrator			1
102	January 18, 2015	JCB Back Hole-1993-1			1
103		Steel Compactor			1
104		Mitsubishi L200-2007	1	8	
105		Total Station			1
106		Level			1
107		Concrete Vibrator			1
108	January 19, 2015	JCB Back Hole-1993-1			1
109		Steel Compactor			1
110		Mitsubishi L200-2007	1	8	
111		Total Station			1
112		Level			1
113		Concrete Vibrator			1

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
114	January 20, 2015	JCB Back Hole-1993-1			1
115		Steel Compactor			1
116		Mitsubishi L200-2007	1	8	
117		Total Station			1
118		Level			1
119		Concrete Vibrator			1
120	January 21, 2015	JCB Back Hole-1993-1	1	8	
121		Steel Compactor			1
122		Mitsubishi L200-2007	1	8	
123		Total Station			1
124		Level			1
125		Concrete Vibrator			1
126	January 22, 2015	JCB Back Hole-1993-1			1
127		Steel Compactor			1
128		Mitsubishi L200-2007	1	8	
129		Diesel Generator			1
130		Total Station			1
131		Level	1	1	
132		Concrete Vibrator			1
133	January 23, 2015	JCB Back Hole-1993-1			1
134		Steel Compactor			1
135		Diesel Generator			1
136		Total Station			1
137		Level			1
138		Concrete Vibrator			1
139	January 24, 2015	JCB Back Hole-1993-1	1	4	
140		Steel Compactor			1
141		Mitsubishi L200-2007	1	8	
142		Diesel Generator			1
143		Total Station			1
144		Level	1	1	
145		Concrete Vibrator			1
146	January 25, 2015	JCB Back Hole-1993-1			1
147		Steel Compactor			1
148		Mitsubishi L200-2007	1	8	
149		Diesel Generator			1
150		Total Station			1
151		Level			1
152		Concrete Vibrator			1

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
153	January 26, 2015	JCB Back Hole-1993-1			1
154		Steel Compactor			1
155		Mitsubishi L200-2007	1	8	
156		Diesel Generator			1
157		Total Station			1
158		Level			1
159		Concrete Vibrator	1	2	
160	January 27, 2015	JCB Back Hole-1993-1			1
161		Steel Compactor			1
162		Mitsubishi L200-2007	1	8	
163		Diesel Generator			1
164		Total Station			1
165		Level			1
166		Concrete Vibrator			1
167	January 28, 2015	JCB Back Hole-1993-1			1
168		Steel Compactor			1
169		Mitsubishi L200-2007	1	8	
170		Diesel Generator			1
171		Total Station			1
172		Level			1
173		Concrete Vibrator			1
174	January 29, 2015	JCB Back Hole-1993-1			1
175		Steel Compactor			1
176		Mitsubishi L200-2007	1	8	
177		Diesel Generator			1
178		Total Station			1
179		Level			1
180		Concrete Vibrator	1	1	
181	January 30, 2015	JCB Back Hole-1993-1			1
182		Steel Compactor			1
183		Mitsubishi L200-2007	1	3	
184		Diesel Generator			1
185		Total Station			1
186		Level			1
187		Concrete Vibrator			1
188	January 31, 2015	JCB Back Hole-1993-1			1
189		Steel Compactor			1
190		Mitsubishi L200-2007	1	8	
191		Diesel Generator			1
192		Total Station			1
193		Level			1
194		Concrete Vibrator			1

Material Log

Task Order:	AID-294-TO-13-00018			
Project:	Wells Rehabilitation Project			
Sub-project	Sanur Well Pump Station Rehabilitation and Infrastructure Improvements			
Item	Date	Description	Oty	Location
1	January 6, 2015	Concrete B350	16 m ³	Electrical Metering Slab on Grade and Electrical Trench Wall.
2	January 13, 2015	Base Course	40 m ³	Sanur Well
3	January 20, 2015	Concrete B350	22 m ³	Fence Wall Foundation, from Station (00+016) to (00+068).
4	January 21, 2015	Base Course	40 m ³	Sanur Well
5	January 26, 2015	Concrete B350	20 m ³	Electrical Control Building Foundation
6	January 29, 2015	Concrete B350	11 m ³	Electrical Metering Building Elevated Slab

SNW 22.5 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.

Color	Response Index
	Amend-Resubmit
	Pending
	Make Correction Noted

Inspection Requests Log

IRD/BV	AID-294-TO-13-00018
Task Order:	Wells Rehabilitation Project (WER)
Project:	IRD/BV
Sender/ Recipient	IRD/BV

No.	Request Date	Date Inspection Required	Description of Works Inspected	Response Date	Grade	2nd Inspection	
						Response Date	Grade
IR-13-00018-WER-018-B	January 18, 2015	January 19, 2015	Inspecting PVC pipes , PN16 , DN 32mm, PVC pipes , PN16 , DN 50mm, PVC pipes , PN16 , DN 63mm, PVC pipes , PN16 , DN 90mm, PVC elbow 90° , DN 63mm, PVC elbow 90° , DN 90mm, PVC elbow 90° , DN 110mm, PVC elbow 90° , DN 32mm, PVC elbow 90° , DN 50mm, PVC MUF DN 63mm , PVC MUF DN 90mm , PVC MUF DN 110mm , PVC MUF DN 32mm and PVC MUF DN 50mm	January 19, 2015	No Exceptions Noted		
IR-13-00018-WER-021-B	January 18, 2015	January 19, 2015	Inspecting 3 Gange Box (P.15), 4 Gange Box (P.15), PVC Conduits (black and red) 3/4", PVC Conduits (red) 3/4", PVC Conduits (green) 3/4", PVC Conduits (blue) 3/4", PVC Conduits (brown) 3/4"and PVC Conduits (white) 3/4"	January 19, 2015	No Exceptions Noted		
IR-13-00018-WER-029-B	January 14, 2015	January 14, 2015	Inspecting Implementation of Confined Spaces Safety Plan at ARW & SNW Balance Tanks	January 14, 2015	No Exceptions Noted		

Color	Response Index
	Amend-Resubmit
	Pending
	No Exceptions Noted

Inspection Requests Log
IRD/BV
Task Order: AID-294-TO-13-00018

Project: Wells Rehabilitation Project

Sender/ Recipient: IRD/BV

No.	Request Date	Date Inspection Required	Description of Works Inspected	1st Inspection		2nd Inspection	
				Response Date	Grade	Response Date	Grade
IR-13-00018-SNW-124-A	January 6, 2015	January 6, 2015	Inspecting Bituminous Isolation of the Fence Wall from Station (00+00) to Station (00+068)	January 6, 2015	No Exceptions Noted		
IR-13-00018-SNW-125-A	January 6, 2015	January 6, 2015	Inspecting Steel Reinforcement and Formwork of the Electrical Metering Trench and Slab on Grade Prior Concrete Casting	January 6, 2015	No Exceptions Noted		
IR-13-00018-SNW-126-A	January 15, 2015	January 15, 2015	Inspecting Electrical Earthing Boxes and Conduits of the Electrical Metering Building	January 15, 2015	No Exceptions Noted		
IR-13-00018-SNW-127-A	January 15, 2015	January 18, 2015	Inspecting Formwork and Steel Reinforcement for Electrical Metering Building Prior Closing the Internal Shuttering Side	January 18, 2015	No Exceptions Noted		
IR-13-00018-SNW-128-A	January 20, 2015	January 20, 2015	Inspecting Formwork Closing for the External and Internal Walls of Electrical Metering Building Prior Concrete Casting	January 20, 2015	No Exceptions Noted		
IR-13-00018-SNW-129-A	January 25, 2015	January 26, 2015	Inspecting Formwork and Steel Reinforcement of the Electrical Control Foundation Prior Concrete Casting	January 26, 2015	No Exceptions Noted		
IR-13-00018-SNW-130-A	January 29, 2015	January 29, 2015	Inspecting Installation of Electrical Conduits for the Electrical Metering Building Roof Slab	January 29, 2015	No Exceptions Noted		
IR-13-00018-SNW-131-A	January 29, 2015	January 29, 2015	Inspecting Installation of Drain System for the Electrical Metering Building Roof Slab	January 29, 2015	No Exceptions Noted		
IR-13-00018-SNW-132-A	January 29, 2015	January 29, 2015	Inspecting Formwork and Steel Reinforcement for the Electrical Metering Building Roof Slab Prior Concrete Casting	January 29, 2015	No Exceptions Noted		

SNW 22.6 Submittals Log

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Submittal Category	Product Data	Submittal Classification	Phase	Priority	Revision	Resubmit Alpha Identifier	Submittal Disposition/Color Coding
PD	PRODUCT DATA	CONS	Preconstruction	WER Well Rehabilitation Project	Final Submittal SUB-18-WER-061-A		A - No Description Needed
SD	SHOP DRAWINGS	CONS	Construction	ARW : Project 1 Identifier	Final RE-Submittal SUB-18-WER-061-B		B - Make Correction Needed
AD	ADMINISTRATIVE/OTHER	PSYS	Post construction	SNW : Project 2 Identifier	Second Resubmittal SUB-18-WER-061-C		C - Amend and Resubmit
TR	TEST REPORT			SWR : Project 3 Identifier			D - Rejected Resubmit
SCH	SCHEDULE						E - Review Not Required
RPT	REPORT						F - Review Not Required
SMP	SAMPLE						G - Submitting Pending Response
CO	COMPLETION & CLOSURE						
MAT	MATERIAL						

Submittal Number	Submittal Description	Specification Number	Submittal Category	Submittal Classification	Submittal Type	Project Identifier	Schedule Activity ID	BOQ Item No.	Rev.	Contractual Submission Date	Actual Submission Date from Subcontractor	Actual Submission Date	Submission Delay	Response Needed by (Max. 30 days)	Date Returned to IRD	Total Engineer Response Time	Submittal Disposition (Grade)	Remarks
SUB-00018-WER-127-C	Non Price BOQ Break Down	Section 01311	AD	CONS	SUB	WER			C		From main contractor directly	January 5, 2015		February 4, 2015				Pending
SUB-00018-WER-237-C	Dekguard FC Exterior Coating for Balance Tank	Section 09800	PD	CONS	SUB	WER			C		From main contractor directly	January 22, 2015		February 21, 2015	January 26, 2015	4	A	
SUB-00018-ARW-363-C	Arraba Well to North Zoon Pressure Reducing Valve-SJ01-VV-PRV-100P	Section 15217-Part 2.2-C	PD	CONS	SUB	ARW			C		January 19, 2015	January 20, 2015		February 19, 2015	January 22, 2015	2	B	
SUB-00018-ARW-364-C	Arraba Reservoir Inlet Flow Control Valve SJ04-CR1-HDV-720C	Section 15217-Part 2.2-C	PD	CONS	SUB	ARW			C		January 19, 2015	January 20, 2015		February 19, 2015	January 22, 2015	2	B	
SUB-00018-ARW-365-C	Mirka Balance Tank Inlet Flow Meter Control Valve SJ13-PSX-HDV-710C	Section 15217-Part 2.2-C	PD	CONS	SUB	ARW			C		January 19, 2015	January 20, 2015		February 19, 2015	January 22, 2015	2	B	
SUB-00018-WER-451-B	Precast concrete Curbs Plant Qualification		PD	CONS	SUB	WER			B		From main contractor directly	January 22, 2015		February 21, 2015	January 26, 2015	4	A	
SUB-00018-ARW-454-B	Arraba yard piping Shop drawing	Section 15000	SD	CONS	SUB	ARW			B		January 20, 2015	January 21, 2015		February 20, 2015			Pending	
SUB-00018-SNW-508-B	Variable Frequency Drives For Booster Pump	Section 16457	PD	CONS	SUB	SNW			B		From main contractor directly	January 22, 2015		February 21, 2015	January 25, 2015	3	E	
SUB-00018-ARW-509-B	Variable Frequency Drives for Booster Pump & Well Pump	Section 16457	PD	CONS	SUB	ARW			B		From main contractor directly	January 22, 2015		February 21, 2015	January 25, 2015	3	E	
SUB-00018-SNW-538-B	Jabaa Flow Control Valve DN: 100mm, PN: 40bar, (SJ03-PSX-HDV-210)	Section: 15217, Paragraph: 2.1C-2	PD	CONS	SUB	SNW			B		January 19, 2015	January 20, 2015		February 19, 2015	January 22, 2015	2	B	
SUB-00018-WER-599-B	Visual Inspection Report of Welded Joints of Inlet, Overflow, Equalization and Recirculation Pipes	Section 02570	TR	CONS	Lab Test	WER			B		From main contractor directly	January 22, 2015		February 21, 2015	January 22, 2015	0	A	
SUB-00018-ARW-657-A	Variable Frequency Drives for Booster Pump & Well Pump (SIEMENS)	Section: 16455	PD	CONS	SUB	ARW			A		December 15, 2014	January 4, 2015		February 3, 2015	January 15, 2015	11	B	
SUB-00018-SNW-658-A	Variable Frequency Drives For Booster Pump (SIEMENS)	Section: 16455	PD	CONS	SUB	SNW			A		December 15, 2014	January 4, 2015		February 3, 2015	January 15, 2015	11	B	
SUB-00018-SNW-686-B	Water Drain System Shop Drawings for Samur LQ	Section: 15430-Paragraph: 2.8	SD	CONS	SUB	SNW			B		December 30, 2014	January 4, 2015		February 3, 2015	January 5, 2015	1	A	
SUB-00018-ARW-687-B	Water Drain System Shop Drawings for Arraba LQ	Section: 15430-Paragraph: 2.8	SD	CONS	SUB	ARW			B		December 30, 2014	January 4, 2015		February 3, 2015	January 5, 2015	1	A	
SUB-00018-ARW-688-B	Revised Shop Drawing for Arraba Electrical Metering Building (Architectural & Structural)	Section: 01300-Paragraph: 1.8B	SD	CONS	SUB	ARW			B		January 6, 2015	January 13, 2015		February 12, 2015	January 13, 2015	0	B	
SUB-00018-SNW-689-B	Revised Shop Drawing for Samur Electrical Metering Building (Architectural & Structural)	Section: 01300-Paragraph: 1.8B	SD	CONS	SUB	SNW			B		December 31, 2014	January 4, 2015		February 3, 2015	January 6, 2015	2	B	
SUB-00018-ARW-692-A	Arraba Station Entrance Level & Section Shop Drawings	Section 02460- Paragraph: 1.4A	SD	CONS	SUB	ARW			A		January 6, 2015	January 13, 2015		February 12, 2015	January 14, 2015	1	C	
SUB-00018-SNW-674-A	Variable Frequency Drive Units(500hp)-Samur as per SM-13-18-WER-E-C-007	Section: 16455	PD	CONS	SUB	SNW			A		December 21, 2014	January 4, 2015		February 3, 2015	January 15, 2015	11	B	
SUB-00018-WER-707-A	Manhole Cover Label	Section: 02490- Paragraph: 1.3B	SD	CONS	SUB	WER			A		December 27, 2014	January 4, 2015		February 3, 2015	January 15, 2015	11	B	
SUB-00018-WER-708-A	Balance Tank Roof Hand Rail and Ladder (Internal and External)	Section: 05500-Paragraph: 1.3B	SD	CONS	SUB	WER			A		December 30, 2014	January 4, 2015		January 5, 2015				Retracted
SUB-00018-WER-708-A	Balance Tank Roof Hand Rail and Ladder (Internal and External)	Section: 05500-Paragraph: 1.3B	SD	CONS	SUB	WER			A		January 15, 2015	January 18, 2015		February 17, 2015	January 21, 2015	3	B	
SUB-00018-SNW-710-A	Underground Conduits System Shop Drawings for Electrical and Control Building	Section: 16110-Paragraph: 1.2B	SD	CONS	SUB	SNW			A		December 31, 2014	January 4, 2015		February 3, 2015	January 12, 2015	8	C	
SUB-00018-SNW-710-B	Underground Conduits System Shop Drawings for Electrical and Control Building	Section: 16110-Paragraph: 1.2B	SD	CONS	SUB	SNW			B		January 14, 2015	January 19, 2015		February 18, 2015	January 21, 2015	2	B	
SUB-00018-WER-711-A	Electrical PVC Fittings - Alternative	Section: 01300 & 16110-Paragraph: 1.8B & 2.3D-1	PD	CONS	SUB	WER			A		December 30, 2014	January 4, 2015		February 3, 2015	January 12, 2015	8	B	
SUB-00018-ARW-712-A	Earth Shop Drawings for Electrical and Control Building	Section: 16450- Paragraph: 1.2B	SD	CONS	SUB	ARW			A		January 4, 2015	January 4, 2015		February 3, 2015	January 12, 2015	8	C	
SUB-00018-ARW-712-B	Earth Shop Drawings for Electrical and Control Building	Section: 16450- Paragraph: 1.2B	SD	CONS	SUB	ARW			B		January 15, 2015	January 18, 2015		February 17, 2015	January 21, 2015	3	B	
SUB-00018-WER-713-A	QA/QC Submittal Register Monthly Update - December, 2014	Section 01300, Contractor's manual, 4.1-construction submittals (3)- Paragraph: 1.8B	AD	CONS	SUB	WER			A		From main contractor directly	January 5, 2015		February 4, 2015	January 14, 2015	9	B	
SUB-00018-WER-714-A	QC Monthly Report- December 2014	Section 01300- Parr-1.8-B	AD	CONS	SUB	WER			A		From main contractor directly	January 5, 2015		February 4, 2015	January 11, 2015	6	C	
SUB-00018-WER-714-B	QC Monthly Report- December 2014	Section 01300- Parr-1.8-B	AD	CONS	SUB	WER			B		From main contractor directly	January 13, 2015		February 12, 2015	January 14, 2015	1	B	
SUB-00018-SNW-715-A	Test Report on Concrete Compressive Strength at 7 Days of Age - L-Q Roof Slab	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 5, 2015		February 4, 2015	January 5, 2015	0	A	
SUB-00018-SNW-716-A	Field Density Compaction Test for Base Course - Electrical and Control Building / Level 292.55 m	Section 02200	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 5, 2015		February 4, 2015	January 5, 2015	0	A	
SUB-00018-ARW-717-A	Electrical Shop Drawings for Chlorination and Storage Building	Section 16110- Paragraph: 1.2B	SD	CONS	SUB	ARW			A		January 5, 2015	January 5, 2015		February 4, 2015	January 21, 2015	16	C	
SUB-00018-WER-718-A	Monthly Safety Plan Update - December, 2014	Contractor's Manual-Sec. 4.1/12	AD	CONS	SUB	WER			A		From main contractor directly	January 6, 2015		February 5, 2015	January 11, 2015	5	C	
SUB-00018-WER-719-A	Monthly Environmental Plan Update and Mitigation Plan Update-December 2014	Contractor's Manual-Sec. 4.1/14	AD	CONS	SUB	WER			A		From main contractor directly	January 6, 2015		February 5, 2015	January 11, 2015	5	A	
SUB-00018-SNW-720-A	Test Report on Concrete Compressive Strength at 28 Days of Age - B.T Roof Slab	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 6, 2015		February 5, 2015	January 6, 2015	0	A	
SUB-00018-ARW-721-A	Test Report on Concrete Compressive Strength at 28 Days of Age - B.T Roof Slab	Section 03300	TR	CONS	Lab Test	ARW			A		From main contractor directly	January 6, 2015		February 5, 2015	January 6, 2015	0	A	
SUB-00018-WER-722-A	Stainless Steel Welders Qualification Test Certificates	Section: 02570, Paragraph : 1.3J	AD	CONS	SUB	WER			A		From main contractor directly	January 6, 2015		February 5, 2015	January 6, 2015	0	A	
SUB-00018-WER-723-A	Recovery Plan as of January 7, 2015	Section 01311, Paragraph : 1.5-H	AD	CONS	SUB	WER			A		From main contractor directly	January 6, 2015		February 5, 2015	January 27, 2015	21	B	
SUB-00018-WER-725-A	Motors Certified Data Sheets, NEMA B Design and IEEE Test Results	Section: 01300	AD	CONS	SUB	WER			A		From main contractor directly	January 12, 2015		February 11, 2015	January 26, 2015	14	C	
SUB-00018-SNW-726-A	Earth Shop Drawings for Electrical and Control Building	Section: 16450- Paragraph: 1.2B	SD	CONS	SUB	SNW			A		December 31, 2014	January 12, 2015		February 11, 2015	January 15, 2015	3	C	
SUB-00018-SNW-726-B	Earth Shop Drawings for Electrical and Control Building	Section: 16110-Paragraph: 1.2B	SD	CONS	SUB	SNW			B		January 17, 2015	January 22, 2015		February 21, 2015	January 26, 2015	4	B	
SUB-00018-SNW-727-A	Electrical Shop Drawings for Chlorination and Storage Building	Section: 16110-Paragraph: 1.2B	SD	CONS	SUB	SNW			A		January 6, 2015	January 13, 2015		February 12, 2015	January 21, 2015	8	C	
SUB-00018-ARW-728-A	Underground Electrical Conduits Shop Drawings for Electrical and Control Building	Section: 16110-Paragraph: 1.2B	SD	CONS	SUB	ARW			A		December 31, 2014	January 13, 2015		February 12, 2015	January 19, 2015	6	C	
SUB-00018-ARW-728-B	Underground Electrical Conduits Shop Drawings for Electrical and Control Building	Section: 16110-Paragraph: 1.2B	SD	CONS	SUB	ARW			B		January 20, 2015	January 22, 2015		February 21, 2015	January 26, 2015	4	C	
SUB-00018-ARW-728-C	Underground Electrical Conduits Shop Drawings for Electrical and Control Building	Section: 16110-Paragraph: 1.2B	SD	CONS	SUB	ARW			C		January 27, 2015	January 28, 2015		February 27, 2015				Pending
SUB-00018-ARW-729-A	Electrical Shop Drawings for Electrical and Control Building	Section: 16110-Paragraph: 1.2B	SD	CONS	SUB	ARW			A		January 6, 2015	January 13, 2015		February 12, 2015	January 15, 2015	2	C	
SUB-00018-ARW-729-B	Electrical Shop Drawings for Electrical and Control Building	Section: 16110-Paragraph: 1.2B	SD	CONS	SUB	ARW			B		January 19, 2015	January 22, 2015		February 21, 2015	January 26, 2015	4	C	
SUB-00018-WER-730-A	Buildings Steel Doors	Section 08110, Paragraph: 2.6	SMP	CONS	SUB	WER			A		January 12, 2015	January 13, 2015		February 12, 2015	January 18, 2015	5	B	
SUB-00018-WER-731-A	Monthly Risk Management Plan Update - December, 2014	Contractor's Manual-Sec. 4.1/construction submittals #003	AD	CONS	SUB	WER			A		From main contractor directly	January 13, 2015		February 12, 2015	January 14, 2015	1	A	

Submittal Categories	Submittal Classification	Identification	Resubmittal Alpha Identifier	Submittal Disposition / Color Coding
PD: PRODUCT DATA SD: SHOP DRAWINGS AD: ADMINISTRATIVE/OTHER TR: TEST REPORT SMP: SAMPLE REPORT SMP: SAMPLE REPORT CO: COMPLETION & CLOSEOUT MAT: MATERIALS	PCS: SHOP DRAWINGS CONS: ADMINISTRATIVE/OTHER PITS: TEST REPORT	WER: Walls Rehabilitation Project ARW: Project 1 Identifier SNW: Project 2 Identifier SNW: Project 3 Identifier	First Submittal SUB-18-WER-001-A From IRD Submittal SUB-18-WER-001-B Second Resubmittal SUB-18-WER-001-C	A: No Exception Noted B: Minor Corrections Noted C: Amend and Resubmit D: Rejected - Resubmit E: Review - No Resubmit F: Submittal Pending Response

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	Actual Submission Date from Subcontractor	Actual Submission Date	Submission Delay	Response Needed by (Max. 30 days)	Date Returned to IRD	Total Engineer Response Time	Submittal Disposition (Grade)	Remarks
SUB-00018-SNW-732-A	Test Report on Concrete Compressive Strength at 7 Days of Age – Fence Wall from Station 0+016 to 0+068	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 13, 2015		February 12, 2015	January 14, 2015	1	A	
SUB-00018-ARW-733-A	Test Report on Concrete Compressive Strength at 7 Days of Age – S.O.G of Living Quarter Room	Section 03300	TR	CONS	Lab Test	ARW			A		From main contractor directly	January 13, 2015		February 12, 2015	January 14, 2015	1	A	
SUB-00018-SNW-734-A	Revised Shop Drawings for Electrical and Control Building (Structural & Architectural)	Section: 03300	SD	CONS	SUB	SNW			A		January 17, 2015	January 18, 2015		February 17, 2015	January 25, 2015	7	B	
SUB-00018-WER-735-A	Windows, Doors and Coping Marble	Section: 08110 & 08520	SMP	CONS	SUB	WER			A		January 18, 2015	January 18, 2015		February 17, 2015	January 20, 2015	2	B	
SUB-00018-WER-736-A	Low Voltage Wire and Cable - Alternative	Section: 16120- Paragraph: 2.2A	PD	CONS	SUB	WER			A		January 4, 2015	January 18, 2015		February 17, 2015	January 21, 2015	3	A	
SUB-00018-WER-737-A	Pre-submittal Conference Process Control and Instrumentation – Day 1 / IC System	Section: 17100- Paragraph: 1.2B	AD	CONS	SUB	WER			A		From main contractor directly	January 19, 2015		February 18, 2015	January 21, 2015	2	B	
SUB-00018-WER-738-A	Stainless Steel Hand Rail and Ladder – Material Sample	Section: 05500- Paragraph: 1.1	SMP	CONS	SUB	WER			A		January 18, 2015	January 19, 2015		February 18, 2015	January 21, 2015	2	B	
SUB-00018-ARW-739-A	Revised Shop Drawings for Electrical and Control Building (Structural & Architectural)	Section: 03300	SD	CONS	SUB	ARW			A		January 19, 2015	January 19, 2015		February 18, 2015	January 25, 2015	6	B	
SUB-00018-SNW-740-A	Test Report on Concrete Block for Walls – Width 20 CM	Section 04232	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 20, 2015		February 19, 2015	January 20, 2015	0	A	
SUB-00018-SNW-741-A	Test Report on Concrete Block for Walls – Width 10 CM	Section 04232	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 20, 2015		February 19, 2015	January 20, 2015	0	A	
SUB-00018-SNW-742-A	Test Report on Concrete Compressive Strength at 28 Days of Age – Foundation of EMR, L-Q Walls and Fence Wall Stations (0+000 to 0+016)	Section: 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 20, 2015		February 19, 2015	January 20, 2015	0	A	
SUB-00018-SNW-743-A	Test Report on Concrete Compressive Strength at 7 Days of Age – L-Q Parapet and Fence Wall Stations (0+016 to 0+068)	Section: 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 20, 2015		February 19, 2015	January 20, 2015	0	C	
SUB-00018-SNW-743-B	Test Report on Concrete Compressive Strength at 7 Days of Age – L-Q Parapet and Fence Wall Stations (0+016 to 0+068)	Section: 03300	TR	CONS	Lab Test	SNW			B		From main contractor directly	January 22, 2015		February 21, 2015	January 22, 2015	0	A	
SUB-00018-ARW-744-A	Test Report on Concrete Compressive Strength at 28 Days of Age – L-Q and EMR Edge Foundation & Trenches	Section: 03300	TR	CONS	Lab Test	ARW			A		From main contractor directly	January 20, 2015		February 19, 2015	January 20, 2015	0	A	
SUB-00018-WER-745-A	Debris Stop Gate and Mud Gate - Alternative	N/A	PD	CONS	SUB	WER			A		January 18, 2015	January 20, 2015		February 19, 2015	January 21, 2015	1	B	
SUB-00018-WER-746-A	Plumbing Piping and fittings-	Section: 15430- Paragraph: 2.2B-1, 2.3A and 2.7A & B	PD	CONS	SUB	WER			A		January 18, 2015	January 20, 2015		February 19, 2015				Retracted
SUB-00018-SNW-747-A	Kufr Rai Relocated to Anza Flow Control Valve DN:80mm, PN:40bar (S)09-PSX-HDV-210)	Section: 15217- Paragraph: 2.1C-2	PD	CONS	SUB	SNW			A		January 19, 2015	January 20, 2015		February 19, 2015	January 22, 2015	2	B	
SUB-00018-SNW-748-A	Aja New Flow Control Valve	Section: 15217- Paragraph: 2.1C-2	PD	CONS	SUB	SNW			A		January 19, 2015	January 20, 2015		February 19, 2015	January 22, 2015	2	B	
SUB-00018-WER-749-A	Visual Inspection Report of Welded Joints of Stainless Steel BT Roof Vent at ARW and SNW	Section 02570	TR	CONS	Lab Test	WER			A		From main contractor directly	January 22, 2015		February 21, 2015	January 22, 2015	0	A	
SUB-00018-SNW-750-A	Test Report on Concrete Compressive Strength at 28 Days of Age – Fence Wall from Station 0+016 to 0+068	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 22, 2015		February 21, 2015	January 22, 2015	0	A	
SUB-00018-SNW-751-A	Test Report on Concrete Compressive Strength at 28 Days of Age – L-Q Roof Slab	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 22, 2015		February 21, 2015	January 22, 2015	0	A	
SUB-00018-SNW-752-A	Test Report on Concrete Compressive Strength at 7 Days of Age – S.O.G and Electrical Trench for EMR	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	January 22, 2015		February 21, 2015	January 22, 2015	0	C	
SUB-00018-WER-753-A	Electrical Aluminum Pull Box	Section: 16110- Paragraph: 2.3B	PD	CONS	SUB	WER			A		January 21, 2015	January 22, 2015		February 21, 2015	January 26, 2015			Retracted
SUB-00018-WER-753-A	Electrical Aluminum Pull Box	Section 16110- Paragraph: 2.3B	PD	CONS	SUB	WER			A		January 26, 2015	January 28, 2015		February 27, 2015				Pending
SUB-00018-WER-754-A	Wood Door and Frame Sample	Section 08210- Paragraph: 1.2D	SMP	CONS	SUB	WER			A		January 21, 2015	January 22, 2015		February 21, 2015	January 26, 2015	4	C	
SUB-00018-WER-755-A	Method Statement for The Construction of Booster Room Slab and Barrels Installation	Section 11101	AD	CONS	SUB	WER			A		From main contractor directly	January 22, 2015		February 21, 2015	January 26, 2015	4	B	
SUB-00018-SNW-756-A	Electrical Shop Drawings for Electrical and Control Building - Sanur	Section: 16110- Paragraph: 1.2B	SD	CONS	SUB	SNW			A		January 24, 2015	January 26, 2015		February 25, 2015				Pending
SUB-00018-WER-757-A	Pre-submittal Conference Process Control and Instrumentation – Day 2 / IC Systems	Section: 17100- Paragraph: 1.2B	AD	CONS	SUB	WER			A		From main contractor directly	January 26, 2015		February 25, 2015	January 27, 2015	1	A	
SUB-00018-ARW-758-A	Test Report on Concrete Compressive Strength at 7 Days of Age – S.O.G of EMR and Trenches	Section 03300	TR	CONS	Lab Test	ARW			A		From main contractor directly	January 27, 2015		February 26, 2015	January 27, 2015	0	A	
SUB-00018-ARW-759-A	Test Report on Concrete Compressive Strength at 7 Days of Age – Walls of L-Q Building	Section 03300	TR	CONS	Lab Test	ARW			A		From main contractor directly	January 27, 2015		February 26, 2015	January 27, 2015	0	A	
SUB-00018-ARW-760-A	Soil Confirmation Report for Electrical Control Building - Arraba Well	Section 02200	TR	CONS	Lab Test	ARW			A		From main contractor directly	January 27, 2015		February 26, 2015	January 27, 2015	0	A	
SUB-00018-ARW-761-A	Field Density Compaction Test for Substrata – Below S.O.G of Electrical Control Building	Section 02200	TR	CONS	Lab Test	ARW			A		From main contractor directly	January 27, 2015		February 26, 2015	January 27, 2015	0	A	
SUB-00018-ARW-762-A	Field Density Compaction Test for Substrata – Edge Foundation of Electrical Control Building	Section 02200	TR	CONS	Lab Test	ARW			A		From main contractor directly	January 27, 2015		February 26, 2015	January 27, 2015	0	A	
SUB-00018-WER-763-A	Steel Water Pipes Marking	Section 02570- Paragraph: 2.1B	PD	CONS	SUB	WER			A		January 22, 2015	January 27, 2015		February 26, 2015				Pending
SUB-00018-ARW-764-A	Test Report on Concrete Compressive Strength at 28 Days of Age – S.O.G of L-Q Building	Section 03300	TR	CONS	Lab Test	ARW			A		From main contractor directly	January 27, 2015		February 26, 2015	January 27, 2015	0	A	
SUB-00018-ARW-765-A	Arraba Magnetic Flow Measuring System	Section: 17102- Paragraph: 2.1	PD	CONS	SUB	ARW			A		From main contractor directly	January 28, 2015		February 27, 2015				Pending
SUB-00018-SNW-766-A	Sanur Magnetic Flow Measuring System	Section: 17102- Paragraph: 2.1	PD	CONS	SUB	SNW			A		From main contractor directly	January 28, 2015		February 27, 2015				Pending
SUB-00018-WER-767-A	Additional Storage Yard - Arraba	Section 01550- Paragraph: 1.3-A	AD	CONS	SUB	WER			A		From main contractor directly	January 28, 2015		February 27, 2015	January 29, 2015	1	B	
SUB-00018-WER-768-A	Method Statement for Concrete Surface Repair-Response to SM-13-0018-WER-E-C-015	Section 03700- Paragraph: 1.3B-1	AD	CONS	SUB	WER			A		From main contractor directly	January 28, 2015		February 27, 2015				Pending
SUB-00018-SNW-769-A	Water Drain System Shop Drawing for Sanur Electrical Metering Building (Mechanical)	Section 16110- Paragraph: 2.3B	SD	CONS	SUB	SNW			A		January 23, 2015	January 28, 2015		February 27, 2015				Pending

SNW 22.7 Requests for Information Log

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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-18-WER-C-E-064	Fire Alarm and Intrusion Switches in Arraba and Sanur Projects		Section 17100	Arraba and Sanur wells conformed drawings-4E-6, 4E-8, 4E-9, 3E-6, 3E-8, 3E-9.	January 4, 2015	January 12, 2015	8	Response	1. In principal, CMC have no objection on Contractor's proposal to install a separate controller for fire Alarm and Intrusion System. However, contractor to provide cost/technical comparison to allow CMC to properly review and provide final response. 2. In addition, Contractor to include an addressable Feedback reference to PLC and SCADA through a suitable communication port and maintain the SCADA control and monitor as per requirement in section 17300.	
RFI-18-WER-C-E-065	Medium Voltage Metal-Enclosed Switch Gear 36KV		Section-16362		January 6, 2015	January 12, 2015	6	Response	Contractor to provide cost/technical comparison to allow CMC to properly review and provide final response	
RFI-18-WER-C-E-066	Tank Mounted Compressors		Section-11511		January 12, 2015			Retracted		January 26, 2015
RFI-18-WER-C-E-066	Tank Mounted Compressors		Section-11511		January 26, 2015			Pending		
RFI-18-WER-C-E-067	Exothermic Welding of Earthing Wiring and Rods		Section-16450-2.2d & 16670-2.111	Program Standard Details (Sheet-GE-6, Detail ES-351)	January 21, 2015	January 26, 2015	5	Response	CMC has no objection to use Oxycetylene Welding (OAW) in lieu of Exothermic welding for earthing wires and rods with no cost/time impact.	
RFI-18-WER-C-E-068	Cold and hot potable water above floor piping and fittings		Section-15430-2.2	Design Drawing-Sheet LQP-3	January 28, 2015			Pending		
RFI-18-WER-C-E-069	Booster Station Underground Drain Piping			Conformed Drawings-(3M-3, 4M-3)	January 28, 2015			Pending		

SNW 22.8 Variation Order Request and Variation Order Log

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Task Order:	Task Order: 00018-WER	NTP:	October 23, 2013
Projects:	Project 1-ARW Arraha Well Pump Station Rehabilitation & Infrastructure Improvements	NOA:	September 25, 2013
	Project 2-SNW Samar Well Pump Station Rehabilitation & Infrastructure Improvements		

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								

There were no VOs issued during the reporting period

Task Order:	Task Order: 00018-WER	NTP: October 23, 2013
Projects:	Project 1-ARW Arraba Well Pump Station Rehabilitation & Infrastructure Improvements	NOA: September 25, 2013
	Project 2-SNW Sanur Well Pump Station Rehabilitation & Infrastructure Improvements	

VOR Log

VOR no.	Date	Revision Date	Time Modification	Modification Cost (\$)	Reference			Subject	Status	VO no.
					Shop Drawings/ Submittal/ Specifications	BOQ Item no.	RFI/ Other			
VOR-00018-WER-008-A	January 15, 2015		11 Days	\$5,462.79			IRs.#019 & 022, RFI.#040, Approved DJCRs.#291, 293, 294, 296, 301, 303, 306, 307, 308, 309, 310 and Hijjawi Lab Report.#M/1407/186	1- Extra excavations at SNW Balance Tank area-Booster pumps suction header area to an extra depth of 2 meters. 2- Back filling of 4 layers of base course, spreading and compaction.		
VOR-00018-WER-009-A	January 27, 2015		0 Days	\$0.00			RFI-13-00018-WER-C-E-055 & RFI-13-00018-WER-C-E-061	Tank Roof Handrail and External Ladder		

SNW 22.9 Employment Generated Data

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USAID WEST BANK/ GAZA
 INFRASTRUCTURE NEEDS PROGRAM INPII
 CONTRACT NO. AID-294-I-00-12-00003
 TASK ORDER NO. AID-294-TO-13-00018
 Wells Rehabilitation Project-WER
 Temporary Job Days Summary Report

Task Order Name: Wells Rehabilitation Project-WER

PERIOD FROM: Oct-23-2013 (NTP)

Sub-project or Activity Name: Project 2-SNW Sanur Well Pump Station

PERIOD TO:

CONTRACTOR: IRD

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Total Job Days (Males)	Total Job Days (Females)	Notes of Comments
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other					
October	2013	0	0	0	0	0	0	0	0	0	
November	2013	36	0	4	7	3	50	2	50	0	
December	2013	45	14	9	3	24	95	4	87	8	
January	2014	65	39	3	2	72	181	8	152	29	
February	2014	60	38	0	0	69	167	7	138	29	
March	2014	75	49	3	6	67	199	8	158	41	
April	2014	79	72	196	162	208	716	30	650	66	
May	2014	95	87	188	185	255	810	34	745	65	
June	2014	83	83	90	107	168	530	22	478	52	
July	2014	75	72	99	48	160	453	19	406	47	
August	2014	68	78	73	40	183	441	19	389	52	
September	2014	79	78	204	137	203	700	29	654	46	
Total of FY 2014							4341	182.3844538	3905	435	
October	2014	67	66	167	133	197	629	26	596	33	
November	2014	80	78	209	158	188	712	30	673	39	
December	2014	80	80	180	171	200	710	30	670	40	
January	2015	71	67	136	119	197	589	25			
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							2639	110.8718487			

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. AID-294-I-00-12-00003
TASK ORDER NO. AID-294-TO-13-00018
Wells Rehabilitation Project-WER
TEMPORARY JOB DAYS REPORT

Task Order Name: Wells Rehabilitation Project-WER
 Sub-project or Activity Name: Project 2- Samur Pump Station
 CONTRACTOR: IRD
 SUBCONTRACTOR: Al Abbasi Company

DATE	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 & Env. Manager	Process Manager #1, #2, etc.	Document Control Engineer#1	Document Control Engineer	Civil Engineer (C)	Office Engineer	Site Engineer	Superintendent	Skilled Labor	Ironman	Equipment Operator	Plumber	Unskilled Labor	General / Security	Junior (J)	Junior	Document Control Officer	Surveyor	Surveyor Assistant	Welder	Geologist	Driver	Big Supervisor						
January 1, 2015	4	4	4	12	4	4	4	4	8	8	32	8			40	36	4	8	4	4							3	3	6	9	7
January 2, 2015												2			2	36			4								0	0	0.25	0.25	5
January 3, 2015	4	4	4	12	4	4	4	4	8	8	16			8	36	4	8	4	4							3	3	3	3	1	7
January 4, 2015	4	4	4	12	4	4	4	4	8	8		16		16	36	4	8	4	4							3	3	3	2	7	
January 5, 2015	4	4	4	12	4	4	4	4	8	8		16		16	36	4	8	4	4							3	3	3	2	7	
January 6, 2015	4	4	4	12	4	4	4	4	8	8	24	16	4		32	36	4	8	4	4						3	3	6.5	4	7	
January 7, 2015	4	4								8					36	4										1	0	1	0	5	
January 8, 2015	4	4							4	8				16	36	4										1	0	1.5	2	5	
January 9, 2015															36											0	0	0	0	4.5	
January 10, 2015	4	4	4							8	32	8			36											1.5	0	6	0	4.5	
January 11, 2015	4	4	4	8	4	4		4		8	16	8		24	36		8	4								2.5	1.5	4	3	6	
January 12, 2015	4	4	4	12	4	4	4	4	8	8	16	8	12	48	36	8	8	4	4							3	3	5.5	6	7.5	
January 13, 2015	4	4	4	12	4	4	4	4	8	8	24	8	4	48	36	8	8	4	4							3	3	5.5	6	7.5	
January 14, 2015	4	4	4	12	4	4	4	4	8	8	16	8		48	36	8	8	4	4							3	3	4	6	7.5	
January 15, 2015	4	4	4	12	4	4	4	4	8	8	16	8		24	36	8	8	4	4	4						3	3	4	3	7.5	
January 16, 2015															36											0	0	0	0	4.5	
January 17, 2015	4	4	4	8	4	4	4	4	8	8	32	8			36	4	8									2.5	3	6	4	6	
January 18, 2015	4	4	4	8	4	4	4	4	8	8	16	8		16	36	4	8	4								2.5	3	4	2	6.5	
January 19, 2015	4	4	4	12	4	4	4	4	8	8	40	8		56	36	4	8	4								3	3	7	7	6.5	
January 20, 2015	4	4	4	12	4	4	4	4	8	8	32	8		40	36	4	8	4	4							3	3	6	5	7	
January 21, 2015	4	4	4	12	4	4	4	4	8	8	40	8	8	48	36	4	8	4	4							3	3	8	6	7	
January 22, 2015	4	4	4	12	4	4	4	4	8	8	32	8		40	36	4	8	4								3	3	6	5	6.5	
January 23, 2015															2	36										0	0	0	0	0.25	4.5
January 24, 2015	4	4	4	12		4	4	4	8	8	24	8	4	32	36	4	8	4	4							3	2.5	5.5	4	7	
January 25, 2015	4	4	4	12	4	4	4	4	8	8	16	8		40	36	4	8	4	4							3	3	4	5	7	
January 26, 2015	4	4	4	12	4	4	4	4	8	8	40	8		56	36	4	8	4	4							3	3	7	7	7	
January 27, 2015	4	4	4	12	4	4	4	4	8	8	40	8		72	36	4	8	4	4							3	3	7	9	7	
January 28, 2015	4	4	4	12	4	4	4	4	8	8	40	8		64	36	4	8	4	4							3	3	7	8	7	
January 29, 2015	4	4	4	12	4	4	4		8	8	48	8		80	36	4	8	4	4							3	2.5	8	10	7	
January 30, 2015															2	36										0	0	0	0	0.25	4.5
January 31, 2015	4	4	4	12	4	4	4	4	8	8	40	8		48	36	4	8		4							3	3	7	6	6.5	
Total of Month	104	104	96	264	88	92	88	88	176	204	640	210	32	0	950	1116	112	184	88	72	0	0	0	0	0	71	67	136	119	197	

SNW 22.10 Risk Register Log

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RISK IDENTIFICATION							RISK ASSESSMENT					RISK RESPONSE			MONITORING & CONTROLLING	
REF	CATEGORY	RISK	RISK CAUSE	IMPACT/CONSEQUENCE	RAISED BY	DATE RAISED	PROBLTY.	IMPACT	RISK RATING	COST IMPACT	SCHEDULE IMPACT	RESPONSE STRATEGY	RESPONSE PLAN	RISK OWNER	STATUS	NOTES
1	Construction	Interruption or damage of underground utilities	The risk lies during excavation work and demobilization in hitting or damaging the underground utilities such existing piping system and/or the buried electric cables	Delay in work, water shortage in the villages.	Contractor	11th of July,2014	2	2	4	Yes	Yes	Mitigate	During the excavation process, the contractor will take all safety measures to avoid hitting or damaging these utilities and will coordinate with local authorities to figure out the location of such utilities. The underground power cable was exposed then protected properly. Piping system -in all times- will be avoided during excavations and necessary repair will immediately be performed if any pipe is incidentally broken.	IRD	Existing	
2	Construction	Construction activities in energized environment	This is an existing pumping station where power supply and electric boards shall be maintained according to contract until the last phase of construction	Personnel injuries (electric shock).	Contractor	11th of July,2014	1	3	3	No	No	Mitigate	All power cables were isolated and protected. Tag-out lock-out procedure on electric boards is implemented.	IRD	Existing	
3	Construction	Falls and Equipment	These hazards include exposure to falls, falling loads, and mobile equipment.	Personnel injuries and delay in work.	Contractor	4th of August,2014	1	2	2	No	No	Mitigate	Keep materials or equipment that might fall or roll into an excavation at least 2 feet from the edge of excavations, or have retaining devices, or both. Provide warning systems such as mobile equipment, barricades. To avoid being struck by any spillage or falling materials, require employees to stand away from vehicles being loaded or unloaded.	IRD	Existing	
4	Construction	Fall of personnel during construction of Balance Tank.	Personnel working in construction activities are usually subject to sudden slippage off scaffolding and might get injured by reinforcing steel bars or any other objects.	Personnel injuries.	Contractor	11th of October, 2014	2	1	2	No	No	Mitigate	Holding TB meetings regularly to aware workers of existing danger. Apply safety measures by wearing PPTs. Avoid running over scaffoldings. Good house-keeping of the site in all times.	IRD	Existing	
5	Contractor	Delay in procurement of big electrical equipment	Procurement of electrical equipment (control and instrumentation) might encounter a delay due changing supplier. The original supplier failed to fulfill specifications as per first few submittals he provided which were rejected by the Engineer.	Delay in commissioning date of the project	Contractor	25th of October, 2014	2	3	6	No	Yes	Mitigate	Contractor is working closely with the Sub and the alternative supplier in leading all meetings and discussions in this regard. Huge efforts are made so far and extreme is being exerted on the alternative supplier to accelerate submission process of relevant submittals and to squeeze manufacturing period as much as possible to save time.	IRD	Existing	
6	Contractor	Working in confined space (Balance Tank).	The balance tank has a limited or restricted means for entry or exit that may complicate the provision of first aid, evacuation, rescue, or other emergency response service. Besides, concrete surfaces repair of internal walls will produce dust, gases, etc.. which could harm repair staff.	Personnel injuries.	Contractor	27th of December, 2014	2	2	4	No	No	Mitigate	Approved confined space safety plan shall be implemented prior conducting any repair inside Balance Tanks. Tool box meetings were held (and will be regularly held during work) to enhance staff awareness of risks and dangers during implementation of such activities.	IRD	Existing	

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