



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

Reporting Period:

February 01 - February 29, 2016

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

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

WELLS REHABILITATION PROJECT-WER

March 05, 2016

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:

February 01 - February 29, 2016

PROJECT I-ARRABA WELL PUMP STATION-ARW

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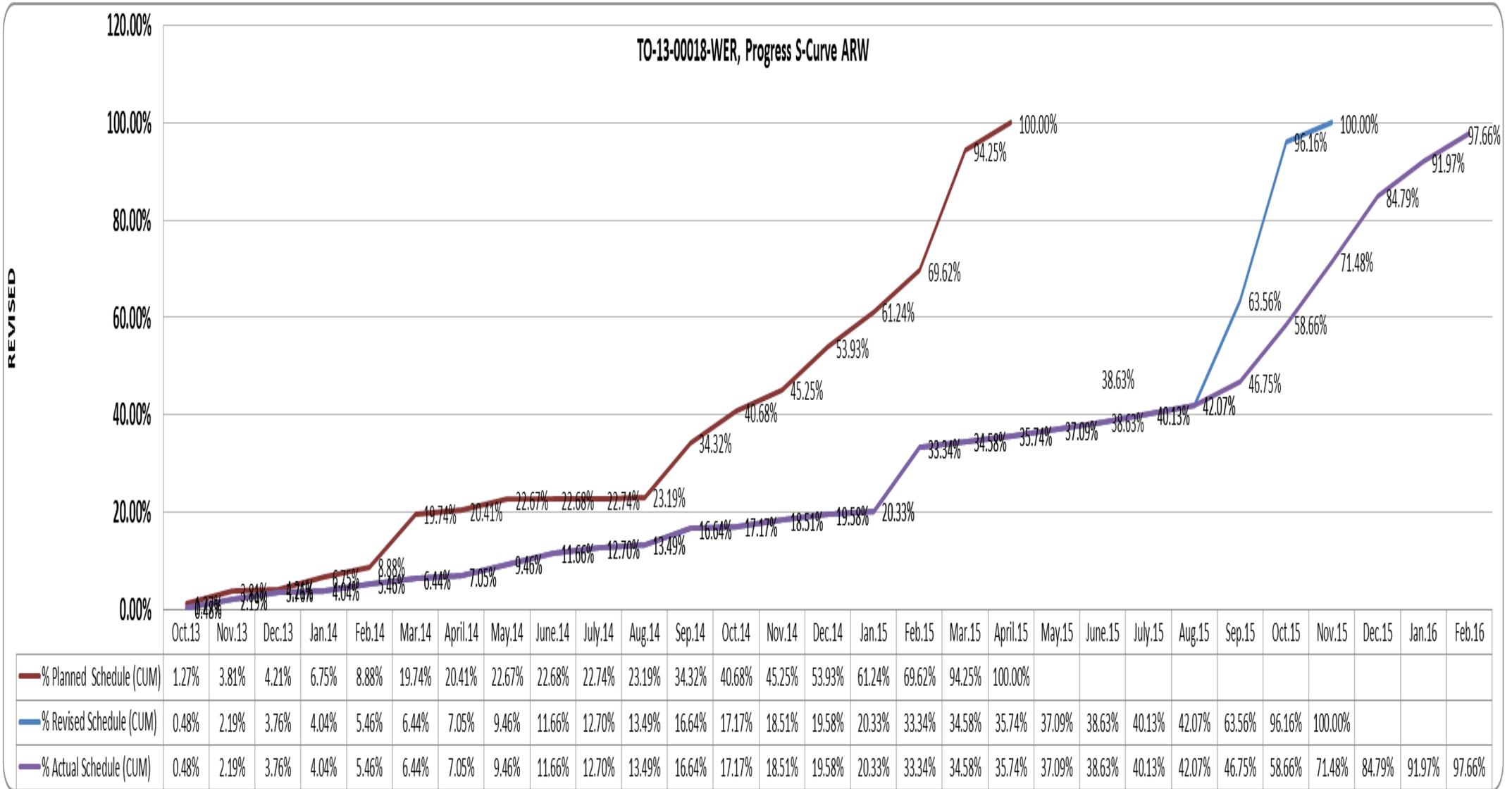
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1. Arraba Well (ARW) Dashboard Status



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2. Public Relation and Outreach

- Taking photos that show the activities at the project site;
- Coordination with WBWD.

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: No toolbox meeting were conducted during the month of February 2016.

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 February 2016 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.

4. Security Coordination

N/A

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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	100.00%
Actual percentage complete	97.66%
Elapsed Time	100.00%

Table 6.1-ARW-Progress Summary Table

Project Overall Status:

Pre-commissioning phase had been completed; we are in the commissioning phase and startup phase is expected to be completed on March 08, 2016. Negative float as of February 29, 2016=-120 CD.

On the other hand, IRD is working on initial punch list items and is conducting training of remaining training topics.

7. Submittal Status

During the current reporting period 50 submittals, including resubmittals were delivered for both Arraba and Sanur wells as follows: 11 submittals for WER, 17 submittals for ARW and 22 submittals for SNW. Review comments were received for 37 of them, 13 submittals are still waiting engineer's response. Engineer's review time for reviewed submittals ranged from one to 10 days. The following table and graph provide a summary of the submittals disposition status:

Submittal Disposition	Total
A – No Exceptions Noted	29
B - Make Corrections Noted	6
C- Amend and Resubmit	0
D- Rejected- Resubmit	0
E- Review Not Required	2
Retracted submittals	0
Total submittals delivered	50
Total submittals reviewed	37
Submittals delivered not reviewed	13

Table 7.2-WER-Submittal Disposition

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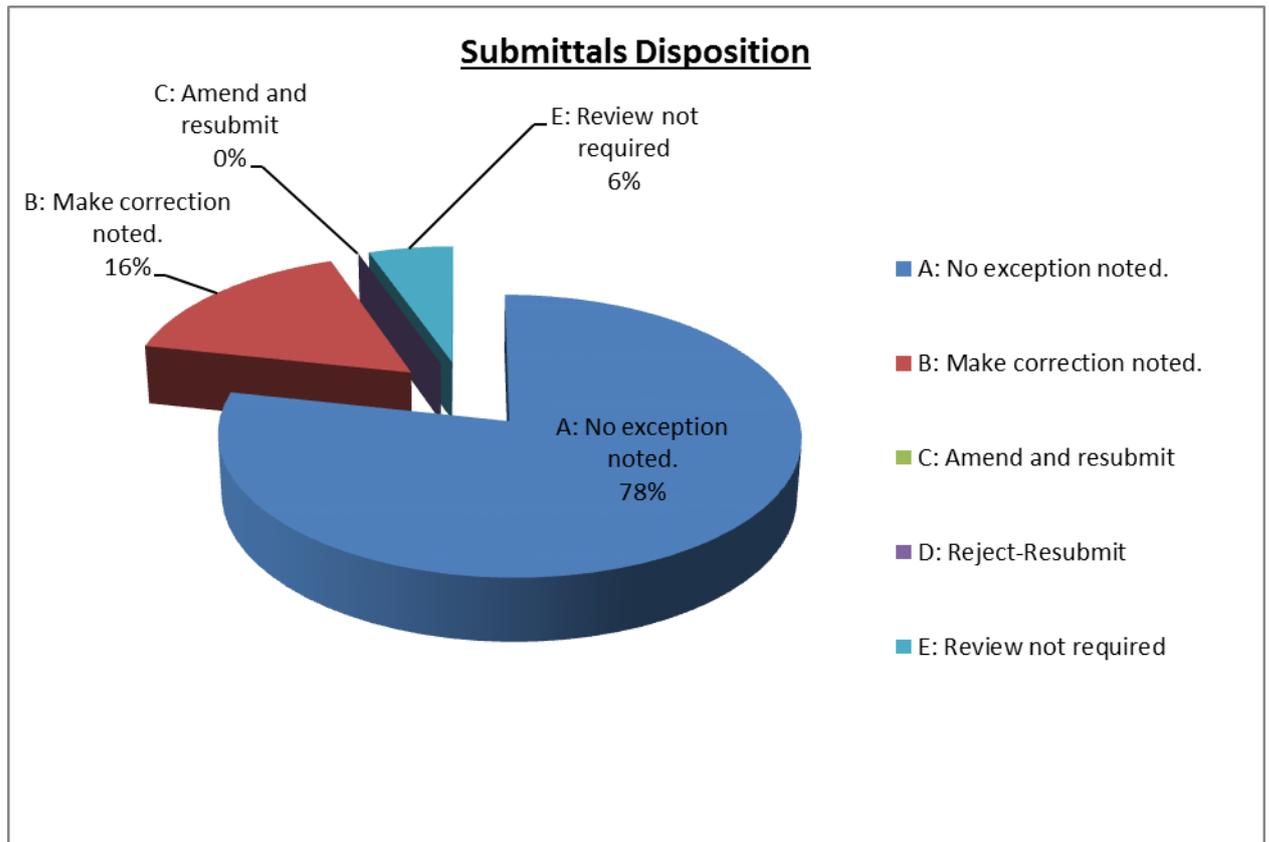


Figure 7.1-WER-Submittals Disposition Analysis

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:

- Construction of wellhead pad.
- Installation of new well pump and accessories including all relevant electro-mechanical works and instrumentation.
- Completed concrete pavement of remaining part of site yard.
- Start of pre-commissioning phase and field tests.
- Completed site entrance preparation to receive asphalt pavement.

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

- Complete commissioning phase.
- Working on initial punch list items.
- Conducting training of remaining training topics.

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9. Updated Schedule

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

10. Site Memos

During the current reporting period, three Site Memos were issued from the Engineer to the Contractor under ARW. For further details, please see Attachment ARW 22.3- Site Memo Log.

11. Inspection Requests

During the current reporting period, 70 Inspection Requests were submitted to the Engineer including resubmitted inspections, 23 inspections for Arraba well, 41 for Sanur well and 06 under TO-18-WER. For further details, please see Attachment ARW 22.5- Inspection Request Log.

12. Test Reports

Eight testing reports had been conducted during the current reporting period for Arraba Well. All tests passed according to the testing lab and conformed to QC specifications and one test is still waiting CMC response. 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)	Retracted	Total No. of Tests Submitted
Concrete	3	0	0	0	3
Booster Pumps Performance Test	0	0	1	0	1
Subgrade	1	0	0	0	1
Substrata	1	0	0	0	1
Base Course	1	0	0	0	1
Filling Material	1	0	0	0	1
Total	7	0	1	0	8

Table 12.1- ARW QC Analysis Table

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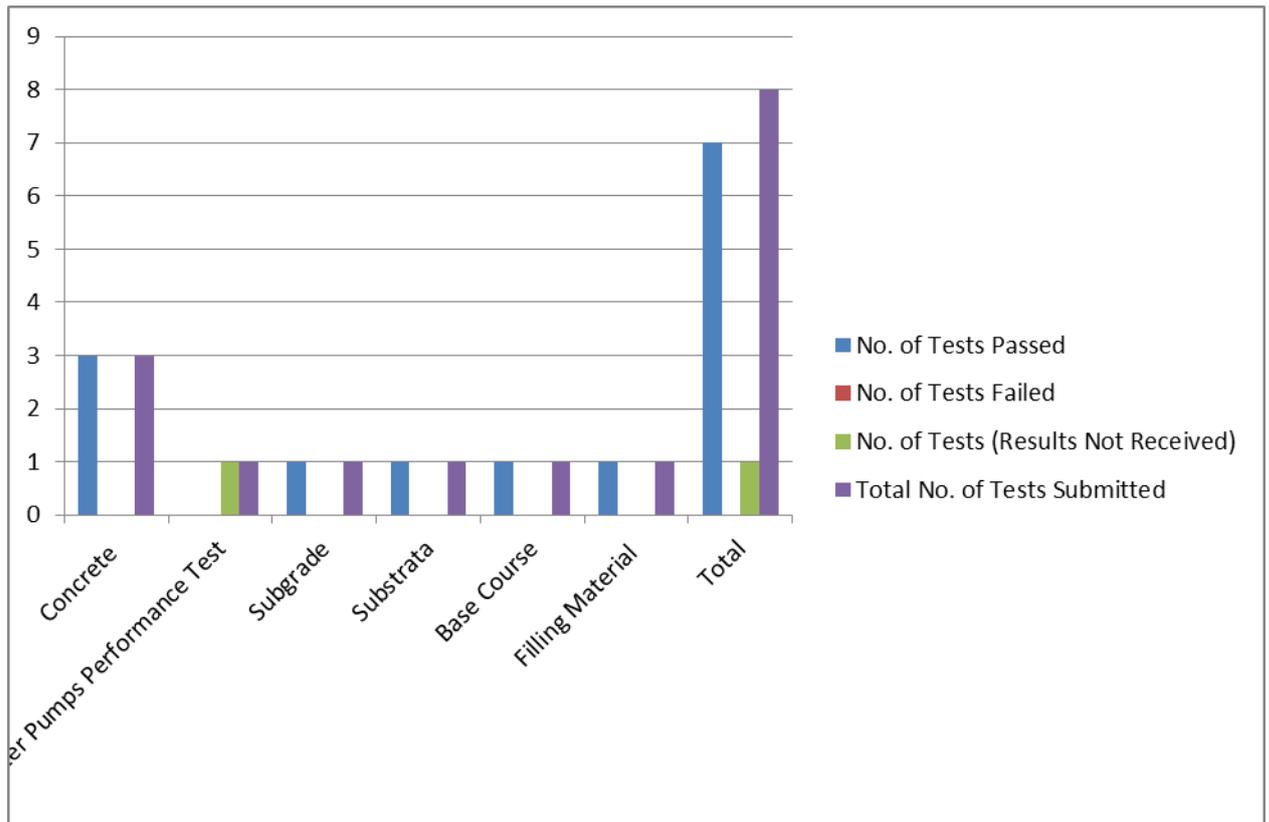


Figure 12.1- ARW QC Analysis Bar Chart

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

Task order QC Photos:



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Task Order: Conducting safety and health training (Class& Field)

Arraba well QC Photos:



Arraba Well: Conducting field training for installation of Line Shaft Turbine Pump for WBWD operators with presence of HM representative



Arraba Well: Conducting field density test for substrata layer under concrete pavement Area#5-2

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Arraba Well: Start and finish conducting training of installation of Line shaft pump for WBWD operators



Arraba Well: Collecting concrete samples and field test for concrete pavement Area#5



Arraba Well: Collecting concrete samples and field test for well pump pad#2

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Arraba Well: Conducting (class and field) training for bladder tank



Arraba Well: Conducting (class and field) training for chlorination system

13. Request for Information

One RFI was submitted to the Engineer during the current reporting period. 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 did not submit any payment during the current reporting period.

Accrued expenditures for Task Order 13-00018-ARW=
 $\$6,228,352.60 - \$ 3,595,451.97 = \$2,632,900.63$

15. Variation Orders and Variation Order Requests

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

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16. Operation, Maintenance and Training

The majority of Preliminary Operation & Maintenance Manuals were submitted to the CMC and approved; each section of the O & M was submitted in a separate submittal; Final O&M will be submitted individually as per contract documents.

Training:

The following training sessions had been held during the reporting period:

Training Subject	Training Type	Training Start Date	Training Location	Attendees
Safety and Health Training	Class	February 11, 2016	Arraba & Sanur Wells	WBWD
Safety and Health Training	Field	February 11, 2016	Arraba & Sanur Wells	WBWD
Vertical Line Shaft Turbine Pump Installation/continue	Field	February 15, 2016	Arraba Well	WBWD
Vertical Line Shaft Turbine Pump	Field	February 4, 2016	Arraba Well	WBWD
Vertical Line Shaft Turbine Pump	Class	February 5, 2016	Arraba Well	WBWD
Chlorination System	Field	February 27, 2016	Arraba Well	WBWD
Chlorination System	Class	February 28, 2016	Arraba Well	WBWD
Surge Tank	Class	February 24, 2016	Arraba Well	WBWD
Surge Tank	Field	February 24, 2016	Arraba Well	WBWD
VFDs For Wells and Booster Pumps	Field	February 29, 2016	Arraba Well	WBWD
VFDs For Wells and Booster Pumps	Class	February 29, 2016	Arraba Well	WBWD

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 appears 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.

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Risk	Description	Responsible Party	Remedial Measures/Comments
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.
Excavations for underground yard piping duct banks and manholes.	The depth of underground yard-piping excavation exceeds 2m and exposure to fall of personnel during work is an existing hazard.	IRD-PM	Concrete barriers had been installed all around excavation area to prevent falling of personnel. Extra care will be taken during construction. Toolbox meetings are conducted regularly.
Fall of well pump and pipes during pulling out of existing pump and installation of the new pump.	This is a vertical line shaft very old well pump that will be pulled out, and slippage of pipes from couplings due to any sudden or fast movement during pulling out could occur. Dealing with such a huge weight could be risky. The same is applicable to installation of the new VLST pump in the well.	IRD-PM	Hiring a professional staff with very good equipment to perform the work. Make sure that rig capacity fits with entire pumping unit weight. Conduct work with extra care and make sure that sudden movement during pulling out or installation shall be avoided. Tighten clamps properly around pipes. Move down ward or upward slowly with extra attention and monitoring of any sudden changes in the exerted force by the rig.

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.

1.	Total Period of Performance (Original)	550 Calendar Days
2.	Total Excusable delays/approved extensions	199 CD
3.	Modified Period of Performance	749 Calendar Days
4.	Modified Completion Date	November 10, 2015
5.	No. of Working Days	26 Calendar Days
6.	Accumulated Working Days	758 Calendar Days
7.	Total No. of non-working days (Holidays and weekends)	2 Calendar Days
8.	Accumulated non-working days (Holidays and weekends)	101 Calendar Days
9.	No. of other non-working days during this month	1 Calendar Days
10.	Accumulated other non-working days	5 Calendar Days

Table 18.1-ARW-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 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: 16,625 person days;
- Employment generated this month: 755 person days;
- Total cumulative employment generated to-date: 17,380 person days (16,005 males and 1,375 females).

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

N/A

21. Construction Photos



Photo Date- 1st of February, 2016: Continue electrical work for booster pump area.



Photo Date- 2nd of February, 2016: Dismantling existing piping system for old booster pump.

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Photo Date- 3rd of February, 2016: Start and finish conducting insulation test for all power cables.



Photo Date- 3rd of February, 2016: Start and finish connecting and welding Sanur – Arraba pipeline and Arraba Reservoir pipeline.



Photo Date- 3rd of February, 2016: Start and finish excavation works for concrete pavement Area# 5.



Photo Date- 4th of February, 2016: Start installation of new well-pump.



Photo Date- 4th of February, 2016: Conducting field training on installation of VLST Pump for WBWD operators with presence of HM representative.



Photo Date- 6th of February, 2016: Continue installation of well pump.

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Photo Date- 8th of February, 2016: Continue installation of well pump.



Photo Date- 8th of February, 2016: Start and finish compacting of substrata layer for concrete pavement Area #5.



Photo Date- 9th of February, 2016: Continue installation of well pump.



Photo Date- 9th of February, 2016: Start and finish mixing and leveling subgrade layer for concrete pavement Area #5.



Photo Date- 10th of February, 2016: Continue installation of well pump.



Photo Date- 10th of February, 2016: Start and finish compacting subgrade layer for concrete pavement Area #5-1 and substrata layer for Area #5-2.

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Photo Date- 11th of February, 2016: Conducting safety and health training (Class& Field).



Photo Date- 11th of February, 2016: Continue well pump installation.

Photo Date- 11th of February, 2016: Start and finish furnishing, mixing and compacting subgrade layer for concrete pavement Area #5-2.



Photo Date- 12th of February, 2016: Start and finish applying paint for windows steel protection in the Living Quarter building.

Photo Date- 13th of February, 2016: Start furnishing, mixing and compacting base course layer for concrete pavement Area #5-2.

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Photo Date- 13th of February, 2016: Start testing the rotation, vibration and resonance for all booster pumps motors.



Photo Date- 14th of February, 2016: Finish furnishing, mixing and compacting base course layer for concrete pavement Area #5-2.



Photo Date- 14th of February, 2016: Start furnishing, mixing and compacting base course layer for concrete pavement Area #5-1.

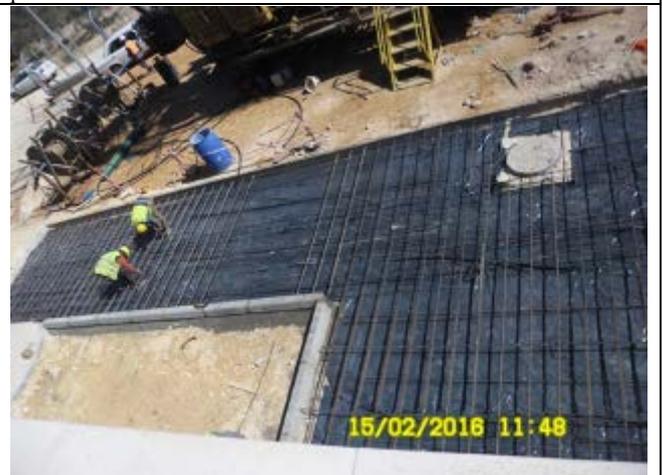


Photo Date- 15th of February, 2016: Start and finish formwork and steel reinforcement for concrete pavement Area #5.



Photo Date- 15th of February, 2016: Finish installation of well pump concurrently with completion of training on well pump installation for WBWD operators.



Photo Date- 15th of February, 2016: Finish furnishing, mixing and compacting base course layer for concrete pavement Area #5-1.

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Photo Date- 16th of February, 2016: Start and finish casting concrete, troweling and finishing concrete pavement Area #5.



Photo Date- 16th of February, 2016: Start and finish pulling and connecting power cables between well pump motor and MTS.



Photo Date- 17th of February, 2016: Start pulling and connecting control cables between well pump motor and Electrical Control building.



Photo Date- 17th of February, 2016: Finish mechanical pipes and fittings installation and connection to well pump.



Photo Date- 18th of February, 2016: Start and finish formwork and steel reinforcement and casting concrete for well pump pad#2.



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Photo Date- 20th of February, 2016: Start and finish installation of mechanical instrumentation for well and booster pumps and oiling system for well pump.



Photo Date- 21st of February, 2016: Calibration and programming of chlorination system and electrical equipment testing, checks and programming of the entire control system.



Photo Date- 22nd of February, 2016: Continue electrical equipment testing, checks and programming of the system and start of pre-commissioning phase.

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Photo Date- 23rd of February, 2016: Continue pre-commissioning and start and finish performance test for the booster pumps.



Photo Date- 24th of February, 2016: Conducting (class and field) training for bladder tank.



Photo Date- 24th of February, 2016: Continue pre-commissioning phase and electrical equipment testing, checks and programming of the system.



Photo Date- 25th of February, 2016: Continue pre-commissioning phase.



Photo Date- 26th of February, 2016: Closing initial punch list items.

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Photo Date- 27th of February, 2016: Continue pre-commissioning phase.



Photo Date- 27th of February, 2016: Continue painting for external walls final coat for all buildings.



Photo Date- 27th of February, 2016: Conducting (class and field) training on chlorination system.



Photo Date- 28th of February, 2016: Continue pre-commissioning phase.



Photo Date- 28th of February, 2016: Finishing layering, leveling and compacting second layer of base course for access road.

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Photo Date- 28th of February, 2016: Start and finish installation of stainless steel ladder for well pump.



Photo Date- 28th of February, 2016: Start and finish repairing of project permanent sign.

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CONSTRUCTION MONTHLY PROGRESS REPORT

Reporting Period:

February 01 - February 29, 2016

PROJECT 2-SANUR WELL PUMP STATION-SNW

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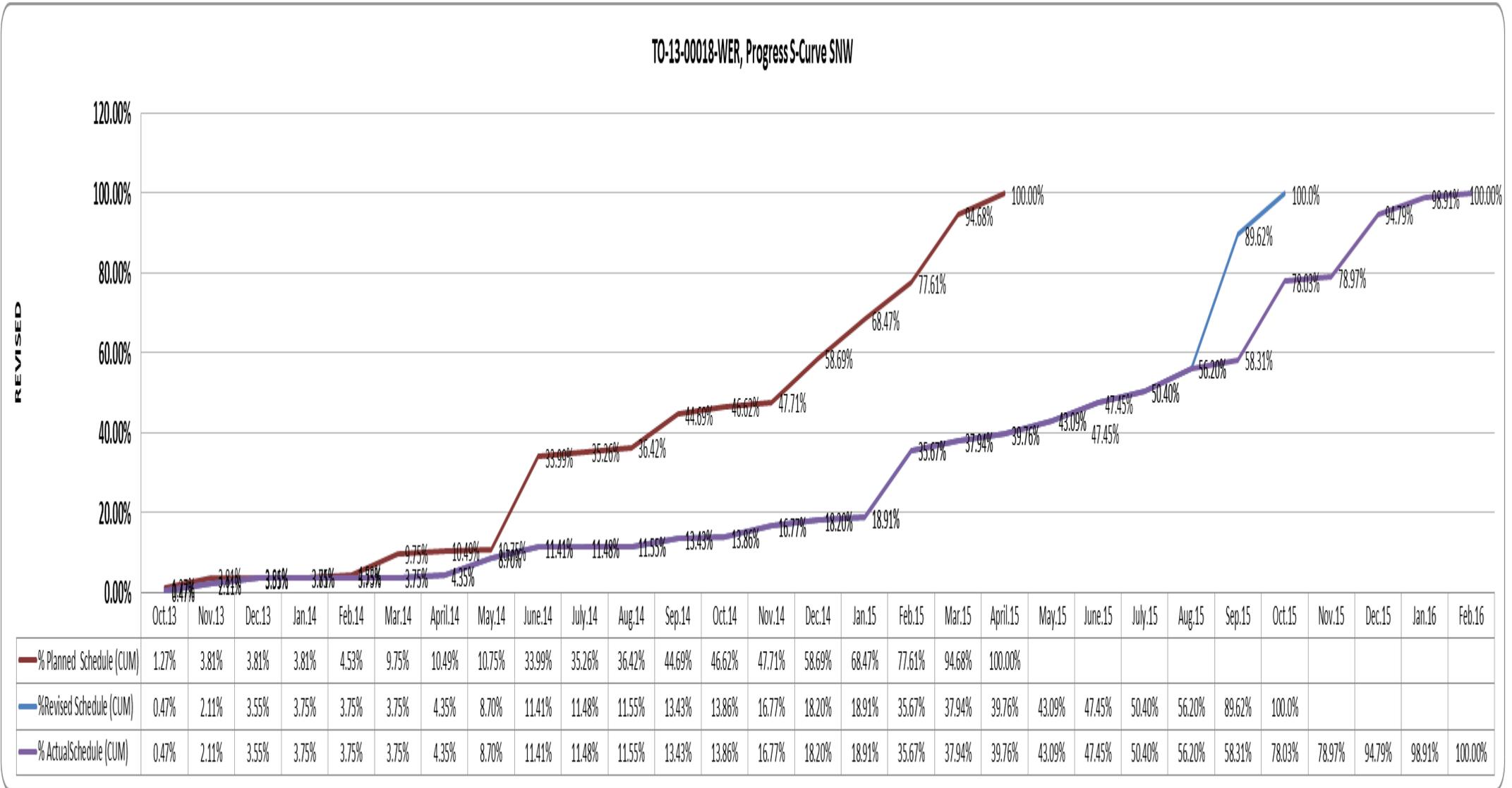
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1. Sanur Well (SNW) Dashboard Status



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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.

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: No toolbox meeting were conducted during the month of February 2016.

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 February 2016 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 NUCs were issued during the reporting period.

Safety Violation Notice

During the current reporting period (0) accident occurred

Safety Conclusion:

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

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4. Security Coordination

N/A

5. Material or Equipment Delivered to Site

Please find attachment No. SNW 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	100.00%
Actual percentage complete	100.00%
Elapsed Time	100.00%

Table 6.1-SNW-Progress Summary Table

Project Overall Status:

Sanur Well Pump Project Startup Phase was completed on January 31, 2016. IRD is working on Final Report Draft submission. Negative float as of February 29, 2016= -92 CD.

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 50 submittals, including resubmittals were delivered for both Arraba and Sanur wells as follows: 11 submittals for WER, 17 submittals for ARW and 22 submittals for SNW. Review comments were received for 37 of them, 13 submittals are still waiting engineer's response. Engineer's review time for reviewed submittals ranged from one to 10 days. The following table and graph provide a summary of the submittals disposition status:

Submittal Disposition	Total
A – No Exceptions Noted	29
B - Make Corrections Noted	6
C- Amend and Resubmit	0
D- Rejected- Resubmit	0
E- Review Not Required	2
Retracted submittals	0
Total submittals delivered	50
Total submittals reviewed	37
Submittals delivered not reviewed	13

Table 7.2-WER-Submittal Disposition

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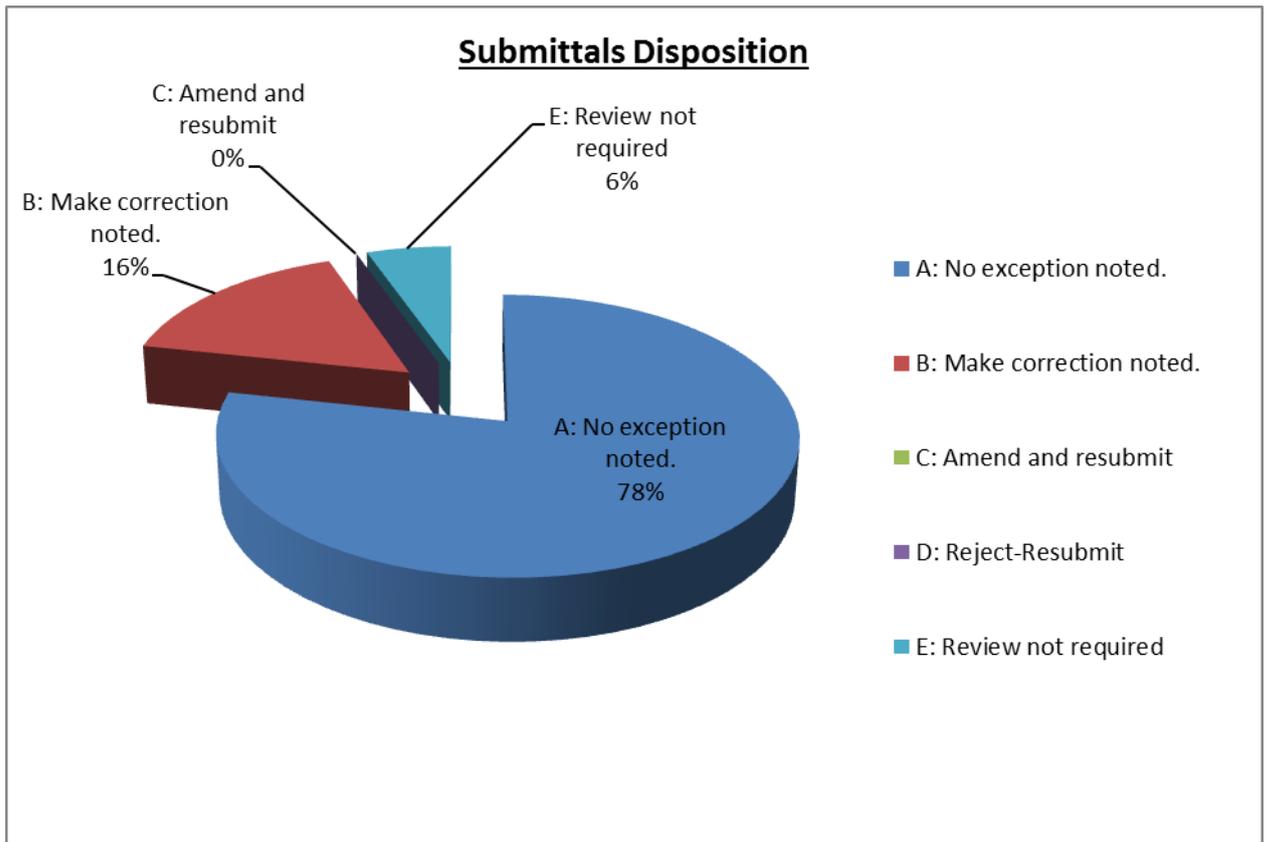


Figure 7.1-WER-Submittals Disposition Analysis

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:

- Snag list and project close out.
- IRD is working on Final Report Draft submission.
- WBWD walkthrough was conducted on Feb 10, 2016.
- USAID official walkthrough was conducted on February 17, 2016.

9. Updated Schedule

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

10. Site Memos

During the current reporting period, one Site Memo was issued from the Engineer to the Contractor under SNW. For further details, please see Attachment SNW 22.3- Site Memo Log.

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11. Inspection Requests

During the current reporting period, 70 Inspection Requests were submitted to the Engineer including resubmitted inspections, 23 inspections for Arraba well, 41 for Sanur well and 06 under TO-18-WER. For further details, please see Attachment SNW 22.5- Inspection Request Log.

12. Test Reports

Nine testing reports had been conducted during the current reporting period for Sanur Well. The nine 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	0	0	6
Sand	1	0	0	1
Bituminous Mixture	1	0	0	1
Asphalt	1	0	0	1
Total	9	0	0	9

Table 12.1- SNW QC Analysis Table

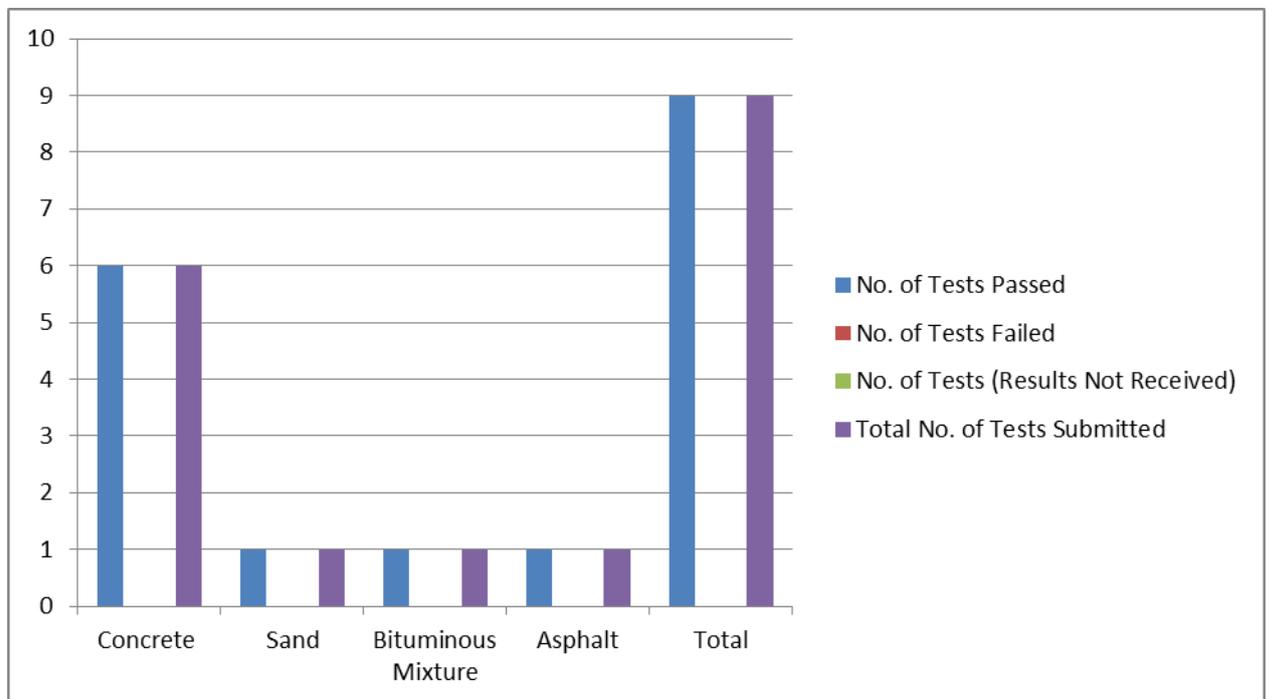


Figure 12.1-SNW QC Analysis Bar Chart

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

13. Request for Information

No RFIs was submitted to the Engineer during the current reporting period. 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 did not submit any payment during the current reporting period.

Accrued expenditures for Task Order 13-00018-SNW=
 $\$7,144,915.06 - \$ 4,964,128.87 = \$2,180,786.19$

15. Variation Orders and Variation Order Requests

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

16. Operation, Maintenance and Training

The majority of Preliminary Operation & Maintenance Manuals were submitted to the CMC and approved; each section of the O & M was submitted in a separate submittal; Final O&M will be submitted individually as per contract documents.

Training:

The following training sessions had been held during the reporting period:

Training Subject	Training Type	Training Start Date	Training Location	Attendees
Safety and Health Training	Class	February 11, 2016	Arraba & Sanur Wells	WBWD
Safety and Health Training	Field	February 11, 2016	Arraba & Sanur Wells	WBWD

17. Risk Management and Mitigation Measures

No risks encountered for this project during the current reporting period. 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.

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1.	Total Period of Performance (Original)	550 Calendar Days
2.	Total Excusable delays/approved extensions	189 Calendar Days
3.	Modified Period of Performance	739 Calendar Days
4.	Modified Completion Date	October 31, 2015
5.	No. of Working Days	25 Calendar Days
6.	Accumulated Working Days	760 Calendar Days
7.	Total No. of non-working days (Holidays and weekends)	4 Calendar Days
8.	Accumulated non-working days (Holidays and weekends)	96 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

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: 15,750 person days;
- Employment generated this month: 459 person days;
- Total cumulative employment generated to-date: 16,209 person days (14,843 males and 1,365 females).

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

N/A

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21. Construction Photos



Photo Date- 2nd of February, 2016: USAID mission director site visit.



Photo Date- 4th of February, 2016: Work completed - Punch list items.



Photo Date- 10th of February, 2016: Jointly walkthrough with WBWD and BV engineers.



Photo Date- 17th of February, 2016: USAID walkthrough jointly with BV construction manager.

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CONSTRUCTION MONTHLY PROGRESS REPORT

Reporting Period:

February 01 - February 29, 2016

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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USAID
FROM THE AMERICAN PEOPLE

WEST BANK/GAZA

CONSTRUCTION MONTHLY PROGRESS REPORT-ATTACHMENTS

Reporting Period: February 01 - February 29,
2016

WELLS REHABILITATION PROJECT-WER

March 05, 2016

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:

February 01 - February 29, 2016

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-Mar-16

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Actual Start	Actual Finish	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q			
							O	N	D	J	F	M	A	M	J	Jul	A	S	O	N
Total		797	01-Mar-16	09-Apr-16	23-Oct-13															
RFTOP WATER-294-13-00018 WELL REHABILITATION & IMPROVEMENTS		797	01-Mar-16	09-Apr-16	23-Oct-13															
Milestones		760	15-Mar-16	28-Mar-16	23-Oct-13															
General Milestones		747	15-Mar-16	28-Mar-16	23-Oct-13															
Intermediate Milestones		737	28-Mar-16	28-Mar-16	01-Dec-13															
Mobilization		24			24-Oct-13	22-Mar-14														
Submittals		621	01-Mar-16	04-Apr-16	31-Oct-13															
Pre Construction Submittals		45			31-Oct-13	31-Mar-14														
Construction Submittals		621	01-Mar-16	04-Apr-16	14-Nov-13															
Material Submittals		592	01-Mar-16	01-Mar-16	06-Jan-14															
Civil		539			06-Jan-14	12-Oct-15														
Earth Works		141			12-Apr-14	22-Oct-14														
Concrete Works		173			07-Jan-14	20-Aug-14														
Building Works		374			28-Aug-14	12-Oct-15														
Roads Works		97			08-Apr-15	02-Jun-15														
Miscellaneous		291			06-Jan-14	20-May-15														
Mechanical		554	01-Mar-16	01-Mar-16	06-Jan-14															
Local Manufacturer		554			10-Feb-14	02-Feb-16														
Abroad Manufacturer (Long Lead Items)		538	01-Mar-16	01-Mar-16	06-Jan-14															
Electrical		588	01-Mar-16	01-Mar-16	06-Feb-14															
Abroad Manufacturer (Long Lead Items) (AKRAM SALAH - IC Systems Ltd)		562	01-Mar-16	01-Mar-16	10-Mar-14															
Local Manufacturer		509			06-Feb-14	01-Nov-15														
Shop Drawings		513			17-Dec-13	10-Aug-15														
Civil		513			17-Dec-13	23-Jun-15														
Mechanical		293			22-Jun-14	10-Aug-15														
Electrical		445			03-Feb-14	03-Aug-15														
Methods Statement & Work Plans		621	01-Mar-16	04-Apr-16	14-Nov-13															
Civil		513			14-Nov-13	25-May-15														
Mechanical		189			09-Feb-15	11-Nov-15														
Electrical		354	01-Mar-16	04-Apr-16	15-Jan-15															
Post Construction Submittals		0	15-Mar-16	15-Mar-16																
Procurement		473			01-Jul-14	16-Nov-15														
Mechanical, Electrical Equipments&Instrumentation,...etc- for Arrabeh Well		442			02-Aug-14	10-Nov-15														
Mechanical Material Order, Manufacture & Delivery		195			02-Aug-14	30-Jul-15														
Mechanical Equipment		195			02-Aug-14	30-Jul-15														
Electrical Material Order, Manufacture & Delivery		321			18-Dec-14	10-Nov-15														
Electrical Equipment Order & Manufacture		207			18-Dec-14	18-Sep-15														
Electrical Equipment Delivery		110			26-Jun-15	10-Nov-15														
Mechanical, Electrical Equipments&Instrumentation,...etc for Sanur Well		420			02-Aug-14	20-Oct-15														
Mechanical Material Order, Manufacture & Delivery		181			02-Aug-14	30-Jul-15														
Mechanical Equipment		181			02-Aug-14	30-Jul-15														
Electrical Material Order, Manufacture & Delivery		339			18-Dec-14	20-Oct-15														
Electrical Equipment Order & Manufacture		207			18-Dec-14	18-Sep-15														
Electrical Equipment Delivery		128			26-Jun-15	20-Oct-15														
VFDs Time Impact Analysis		21			03-Sep-15	16-Nov-15														
Inspected By SIEMENS & IC System & Ship. Agent		1			03-Sep-15	03-Sep-15														
Inspected By SIEMENS & IC System & Ship. Agent (Original)		1			03-Sep-15	03-Sep-15														
SIEMENS Released Report		1			09-Sep-15	09-Sep-15														
Meeting w SIEMENS- IRD,IC,AGC and BV		1			10-Sep-15	10-Sep-15														
10 Units Sent By Air to US SIEMENS for Repair		11			22-Sep-15	02-Oct-15														
Sent to Israel		11			16-Oct-15	05-Nov-15														
Sent By Air to SIEMENS Israel (Original)		11			16-Oct-15	05-Nov-15														
Arrive to BG Airport		2			24-Oct-15	05-Nov-15														

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

Summary



Date	Revision	Checked	Approved
02-Feb-16	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.-lv...	Naim Mani-Prog Direc...

RFTOP WATER-294-13-00018 WELL REHABILITATION IMPROVEMENTS

One Month Look Ahead

01-Mar-16

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Actual Start	Actual Finish	Total Float	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
								O	N	D	J	F	M	A	M	J	Jul	A	S
RFTOP WATER-294-13-00018 WELL REHABILITATION & IMPROVEMENTS																			
Milestones																			
Submittals																			
Construction Submittals																			
Material Submittals																			
Mechanical																			
Abroad Manufacturer (Long Lead Items)																			
CS567	Approval of Special Tools As Per Specs	0		01-Mar-16			-96												
Electrical																			
Abroad Manufacturer (Long Lead Items) (AKRAM SALAH - IC Systems Ltd)																			
CS1405	Approval of Spare Parts and Extra Material Based on Sec 17100	0		01-Mar-16			-96												
Methods Statement & Work Plans																			
Electrical																			
CS738	Prep.&Submit Short Circuit Study Final	7	01-Mar-16	05-Mar-16	15-Aug-15		-100												
Post Construction Submittals																			
PS120	Prep.,&Submit Final Acceptance Certificate	0		15-Mar-16			-108												
PS160	Prep.,&Submit Asbuilt Drawings	0		15-Mar-16			-108												
PS170	Prep.,&Submit Final Operation&Maintenance (O&M) Manual	0		15-Mar-16			-108												
PS180	Prep.,&Submit Spare Parts	0		15-Mar-16			-108												
PS190	Prep.,&Submit Training Completion Documents	0		15-Mar-16			-108												
PS200	Prep.,&Submit Clearance Certificates from Local Entities/Autho	0		15-Mar-16			-108												
Execution Phase																			
Project 1 Arraba Well Pump Station Rehabilitation & Infrastructure Improvements																			
P1 - Arraba Well Pump Station Infrastructure Improvement																			
Demolishing,Site Development,Apply Safety Measurments&Site Preparation																			
P1-DEMO-000020	Erosion & Sediment Control Systems	10	01-Mar-16	12-Mar-16			-106												
Construction of New Pump Station																			
Balance Tank 1000 m3																			
Finishing Works																			
Metal Fabricated Works																			
P1-BT-000290	Supply And Install Roof Air Vents	5	01-Mar-16	03-Mar-16	24-May-15		-99												
Electrical & Instrumentation Works																			
P1-BT-E-00020	Cables & Electricity Supply & Installation	5	01-Mar-16	02-Mar-16	21-Oct-14		-98												
P1-BT-E-00030	Electrical Manhole&Panels	7	01-Mar-16	02-Mar-16	21-Oct-14		-98												
P1-BT-E-00040	Electrical Panels	3	01-Mar-16	01-Mar-16	16-Dec-15		-96												
P1-BT-E-00050	Lightning Protection System - VO8	10	01-Mar-16	01-Mar-16	14-Dec-15		-97												
P1-BT-E-00060	Process Control & Instrumentation	8	01-Mar-16	05-Mar-16	02-Jun-15		-100												
Booster Pump System																			
Coatings & Finishing Works																			
P1-BP-000130	Furnish & Apply all Coatings	14	01-Mar-16	16-Mar-16			-119												
Septic & Seepage Tank																			
Civil & Structural Works																			
P1-SS-000040	Excavation for Foundation,Furnishing Leveling&Compaction	2	01-Mar-16	01-Mar-16	04-Jul-15		-108												
P1-SS-000050	Form/Steel Rebars for Base Slab & Ring Beam Including Water	2	02-Mar-16	03-Mar-16			-108												
P1-SS-000060	Cast R.C. for Base Slab & Ring Beam	1	05-Mar-16	05-Mar-16			-108												
P1-SS-000070	Concrete Curing	7	06-Mar-16	13-Mar-16			-108												
P1-SS-000080	Form/Steel Rebars for the Walls	4	06-Mar-16	09-Mar-16			-105												
P1-SS-000090	Cast Reinforced Concrete for the Wallls	1	14-Mar-16	14-Mar-16			-108												
P1-SS-000100	Concrete Curing	7	15-Mar-16	22-Mar-16			0												

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



Date	Revision	Checked	Approved
02-Feb-16	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

USD	
Original Total Contract Value Less Day Work:	\$6,516,970.57
Original Total Contract Value Less Day Work:	\$6,516,970.00
Revised Total Contract Value Less Day Work VOM:	\$6,321,324.84
Revised Total Contract Value Less Day Work VOM:	\$6,377,588.16
Revised Total Contract Value Less Day Work VOM:	\$6,377,588.16
Revised Total Contract Value Less Day Work VOM:	\$6,377,588.16
NTP (Notice to Proceed)	23-Oct-13
Duration of Contract:	505 CD
Revised Duration of Contract:	577 CD
Revised Contract Duration VOM:	749 CD
Completion Date:	28-Apr-15
Revised Completion Date VOM:	22-May-15
Revised Completion Date VOM:	10-Nov-15
Data Date:	1-Nov-15

PROJECT 2 Sanur Well Pump Station - Rehabilitation and Infrastructure Improvements

USD	
Original Total Contract Value Less Day Work:	\$7,021,251.36
Original Total Contract Value without Day Work for Project 2 (Sanur)	\$7,021,251.00
Revised Total Contract Value Less Day Work as per VO #4:	\$7,157,158.04
Revised Total Contract Value Less Day Work as per VO #6:	\$6,902,812.84
Revised Total Contract Value Less Day Work as per VO #8:	\$7,144,248.06
Revised Total Contract Value Less Day Work as per VO #9:	\$7,076,478.17
NTP (Notice to Proceed)	23-Oct-13
Original Duration of Contract:	505 CD
Original Completion Date:	25-Apr-15
Revised Duration of Contract as per VO #4:	577CD
Revised Completion Date as per VO #4:	22-May-15
Revised Duration of Contract as per VO #6:	603 CD
Revised Completion Date as per VO #6:	15-Sep-15
Revised Duration of Contract as per VO #8:	782CD
Revised Completion Date as per VO #8:	24-Oct-15
Revised Duration of Contract as per VO #9:	729 CD
Revised Completion Date as per VO #9:	31-Oct-15
Data Date:	1-Nov-15

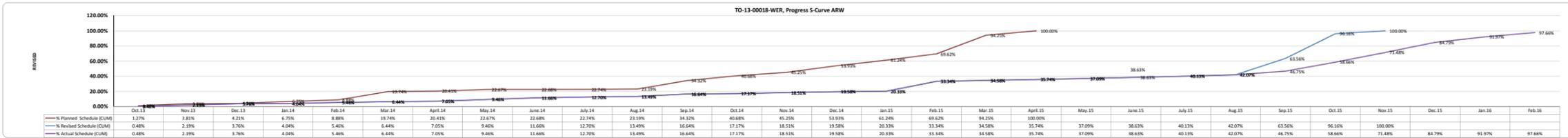
PROJECT 3 Saadeh Well Pump Station - Rehabilitation

USD	
Original Total Contract Value Less Day Work:	\$493,834.98
Original Total Contract Value without Day Work for Project 3 (Saadeh)	\$493,835.00
Revised Total Contract Value Less Day Work as per VO #3 :	\$376,334.82
NTP (Notice to Proceed)	23-Oct-13
Original Duration of Contract:	130 CD
Original Completion Date:	19-Feb-14
Revised Duration of Contract as per VO #2	140 CD
Revised Completion Date as per VO #2 :	11-Mar-14
Data Date:	13-May-15

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

USD	
Total Contract Value Less Day Work:	\$14,012,886.91
Day Work Value:	\$700,000.00
Total Contract Value Including Day Work:	\$14,712,886.91
Revised Total Contract Value Less Day Work:	\$13,304,558.73
Day Work Value as per VO #4:	\$812,300.18
Revised Total Contract Value Less Day Work as per VO #4:	\$14,000,462.86
Day Work Value:	\$671,394.05
Total Contract Value Including Day Work:	\$14,712,886.91
Revised Total Contract Value without Day Work for Task Order (VO #4)	\$13,304,558.82
Revised Day Work Amount (VO #4)	\$671,393.14
Total Contract Value Less Day Work VOM:	\$13,639,882.50
Day Work Value VOM:	\$1,961,973.50
Total Contract Value Including Day Work VOM:	\$14,721,856.00
Total Contract Value Less Day Work VOM:	\$13,899,838.04
Day Work Value VOM:	\$822,017.96
Total Contract Value Including Day Work VOM:	\$14,721,856.00
Total Contract Value Less Day Work VOM:	\$13,647,229.68
Day Work Value VOM:	\$1,954,626.32
Total Contract Value Including Day Work VOM:	\$14,721,856.00

	Oct.13	Nov.13	Dec.13	Jan.14	Feb.14	Mar.14	April.14	May.14	June.14	July.14	Aug.14	Sep.14	Oct.14	Nov.14	Dec.14	Jan.15	Feb.15	Mar.15	April.15	May.15	June.15	July.15	Aug.15	Sep.15	Oct.15	Nov.15	Dec.15	Jan.16	Feb.16	TOTAL																								
Planned Schedule Value	\$82,755.18	\$165,510.37	\$248,265.55	\$331,020.74	\$413,775.93	\$496,531.12	\$579,286.31	\$662,041.50	\$744,796.69	\$827,551.88	\$910,307.07	\$993,062.26	\$1,075,817.45	\$1,158,572.64	\$1,241,327.83	\$1,324,082.99	\$1,406,838.18	\$1,489,593.37	\$1,572,348.56	\$1,655,103.75	\$1,737,858.94	\$1,820,614.13	\$1,903,369.32	\$1,986,124.51	\$2,068,879.70	\$2,151,634.89	\$2,234,390.08	\$2,317,145.27	\$2,400,000.46	\$2,482,855.65	\$2,565,710.84	\$2,648,566.03	\$2,731,421.22	\$2,814,276.41	\$2,897,131.60	\$2,980,000.00	\$6,516,970.57																	
Revised Schedule Value (CUM)	\$72,410.79	\$144,821.58	\$217,232.37	\$289,643.16	\$362,053.95	\$434,464.74	\$506,875.53	\$579,286.31	\$651,697.10	\$724,107.89	\$796,518.68	\$868,929.47	\$941,340.26	\$1,013,751.05	\$1,086,161.84	\$1,158,572.64	\$1,230,983.43	\$1,303,394.22	\$1,375,805.01	\$1,448,215.80	\$1,520,626.59	\$1,593,037.38	\$1,665,448.17	\$1,737,858.96	\$1,810,269.75	\$1,882,680.54	\$1,955,091.33	\$2,027,502.12	\$2,100,000.00	\$2,172,500.00	\$2,245,000.00	\$2,317,500.00	\$2,390,000.00	\$2,462,500.00	\$2,535,000.00	\$6,321,324.84																		
Actual Schedule Value (CUM)	\$30,488.68	\$119,376.83	\$238,753.66	\$358,130.49	\$477,507.32	\$596,884.15	\$716,260.98	\$835,637.81	\$955,014.64	\$1,074,391.47	\$1,193,768.30	\$1,313,145.13	\$1,432,521.96	\$1,551,898.79	\$1,671,275.62	\$1,790,652.45	\$1,910,029.28	\$2,029,406.11	\$2,148,782.94	\$2,268,159.77	\$2,387,536.60	\$2,506,913.43	\$2,626,290.26	\$2,745,667.09	\$2,865,043.92	\$2,984,420.75	\$3,103,797.58	\$3,223,174.41	\$3,342,551.24	\$3,461,928.07	\$3,581,304.90	\$3,700,681.73	\$3,820,058.56	\$3,939,435.39	\$4,058,812.22	\$6,377,588.16																		
% Planned Schedule (CUM)	1.27%	3.81%	4.21%	6.75%	8.88%	10.85%	12.74%	14.61%	16.48%	18.35%	20.22%	22.09%	23.96%	25.83%	27.70%	29.57%	31.44%	33.31%	35.18%	37.05%	38.92%	40.79%	42.66%	44.53%	46.40%	48.27%	50.14%	52.01%	53.88%	55.75%	57.62%	59.49%	61.36%	63.23%	65.10%	66.97%	68.84%	70.71%	72.58%	74.45%	76.32%	78.19%	80.06%	81.93%	83.80%	85.67%	87.54%	89.41%	91.28%	93.15%	95.02%	96.89%	98.76%	100.00%
% Revised Schedule (CUM)	0.48%	2.19%	3.76%	4.04%	5.46%	6.44%	7.55%	8.46%	9.48%	11.60%	13.70%	15.80%	17.90%	19.99%	22.09%	24.18%	26.28%	28.37%	30.46%	32.55%	34.64%	36.73%	38.82%	40.91%	43.00%	45.09%	47.18%	49.27%	51.36%	53.45%	55.54%	57.63%	59.72%	61.81%	63.90%	65.99%	68.08%	70.17%	72.26%	74.35%	76.44%	78.53%	80.62%	82.71%	84.80%	86.89%	88.98%	91.07%	93.16%	95.25%	97.34%	99.43%	100.00%	
% Actual Schedule (CUM)	0.48%	2.19%	3.76%	4.04%	5.46%	6.44%	7.55%	8.46%	9.48%	11.60%	13.70%	15.80%	17.90%	19.99%	22.09%	24.18%	26.28%	28.37%	30.46%	32.55%	34.64%	36.73%	38.82%	40.91%	43.00%	45.09%	47.18%	49.27%	51.36%	53.45%	55.54%	57.63%	59.72%	61.81%	63.90%	65.99%	68.08%	70.17%	72.26%	74.35%	76.44%	78.53%	80.62%	82.71%	84.80%	86.89%	88.98%	91.07%	93.16%	95.25%	97.34%	99.43%	100.00%	



	Oct.13	Nov.13	Dec.13	Jan.14	Feb.14	Mar.14	April.14	May.14	June.14	July.14	Aug.14	Sep.14	Oct.14	Nov.14	Dec.14	Jan.15	Feb.15	Mar.15	April.15	May.15	June.15	July.15	Aug.15	Sep.15	Oct.15	Nov.15	Dec.15	Jan.16	Feb.16	TOTAL																																																																																																																																																																																																																																											
Planned Schedule Value	\$89,031.76	\$178,063.52	\$267,095.28	\$356,127.04	\$445,158.80	\$534,190.56	\$623,222.32	\$712,254.08	\$801,285.84	\$890,317.60	\$979,349.36	\$1,068,381.12	\$1,157,412.88	\$1,246,444.64	\$1,335,476.40	\$1,424,508.16	\$1,513,539.92	\$1,602,571.68	\$1,691,603.44	\$1,780,635.20	\$1,869,666.96	\$1,958,698.72	\$2,047,730.48	\$2,136,762.24	\$2,225,794.00	\$2,314,825.76	\$2,403,857.52	\$2,492,889.28	\$2,581,921.04	\$2,670,952.80	\$2,760,000.00	\$2,849,050.00	\$2,938,100.00	\$3,027,150.00	\$3,116,200.00	\$3,205,250.00	\$3,294,300.00	\$3,383,350.00	\$3,472,400.00	\$3,561,450.00	\$3,650,500.00	\$3,739,550.00	\$3,828,600.00	\$3,917,650.00	\$4,006,700.00	\$4,095,750.00	\$4,184,800.00	\$4,273,850.00	\$4,362,900.00	\$4,451,950.00	\$4,541,000.00	\$4,630,050.00	\$4,719,100.00	\$4,808,150.00	\$4,897,200.00	\$4,986,250.00	\$5,075,300.00	\$5,164,350.00	\$5,253,400.00	\$5,342,450.00	\$5,431,500.00	\$5,520,550.00	\$5,609,600.00	\$5,698,650.00	\$5,787,700.00	\$5,876,750.00	\$5,965,800.00	\$6,054,850.00	\$6,143,900.00	\$6,232,950.00	\$6,322,000.00	\$6,411,050.00	\$6,500,100.00	\$6,589,150.00	\$6,678,200.00	\$6,767,250.00	\$6,856,300.00	\$6,945,350.00	\$7,034,400.00	\$7,123,450.00	\$7,212,500.00	\$7,301,550.00	\$7,390,600.00	\$7,479,650.00	\$7,568,700.00	\$7,657,750.00	\$7,746,800.00	\$7,835,850.00	\$7,924,900.00	\$8,013,950.00	\$8,103,000.00	\$8,192,050.00	\$8,281,100.00	\$8,370,150.00	\$8,459,200.00	\$8,548,250.00	\$8,637,300.00	\$8,726,350.00	\$8,815,400.00	\$8,904,450.00	\$8,993,500.00	\$9,082,550.00	\$9,171,600.00	\$9,260,650.00	\$9,349,700.00	\$9,438,750.00	\$9,527,800.00	\$9,616,850.00	\$9,705,900.00	\$9,794,950.00	\$9,884,000.00	\$9,973,050.00	\$10,062,100.00	\$10,151,150.00	\$10,240,200.00	\$10,329,250.00	\$10,418,300.00	\$10,507,350.00	\$10,596,400.00	\$10,685,450.00	\$10,774,500.00	\$10,863,550.00	\$10,952,600.00	\$11,041,650.00	\$11,130,700.00	\$11,219,750.00	\$11,308,800.00	\$11,397,850.00	\$11,486,900.00	\$11,575,950.00	\$11,665,000.00	\$11,754,050.00	\$11,843,100.00	\$11,932,150.00	\$12,021,200.00	\$12,110,250.00	\$12,199,300.00	\$12,288,350.00	\$12,377,400.00	\$12,466,450.00	\$12,555,500.00	\$12,644,550.00	\$12,733,600.00	\$12,822,650.00	\$12,911,700.00	\$13,000,750.00	\$13,089,800.00	\$13,178,850.00	\$13,267,900.00	\$13,356,950.00	\$13,446,000.00	\$13,535,050.00	\$13,624,100.00	\$13,713,150.00	\$13,802,200.00	\$13,891,250.00	\$13,980,300.00	\$14,069,350.00	\$14,158,400.00	\$14,247,450.00	\$14,336,500.00	\$14,425,550.00	\$14,514,600.00	\$14,603,650.00	\$14,692,700.00	\$14,781,750.00	\$14,870,800.00	\$14,959,850.00	\$15,048,900.00	\$15,137,950.00	\$15,227,000.00	\$15,316,050.00	\$15,405,100.00	\$15,494,150.00	\$15,583,200.00	\$15,672,250.00	\$15,761,300.00	\$15,850,350.00	\$15,939,400.00	\$16,028,450.00	\$16,117,500.00	\$16,206,550.00	\$16,295,600.00	\$16,384,650.00	\$16,473,700.00	\$16,562,750.00	\$16,651,800.00	\$16,740,850.00	\$16,829,900.00	\$16,918,950.00	\$17,008,000.00	\$17,097,050.00	\$17,186,100.00	\$17,275,150.00	\$17,364,200.00	\$17,453,250.00	\$17,542,300.00	\$17,631,350.00	\$17,720,400.00	\$17,809,450.00	\$17,898,500.00	\$17,987,550.00	\$18,076,600.00	\$18,165,650.00	\$18,254,700.00	\$18,343,750.00	\$18,432,800.00	\$18,521,850.00	\$18,610,900.00	\$18,700,000.00	\$18,789,050.00	\$18,878,100.00	\$18,967,150.00	\$19,056,200.00	\$19,145,250.00	\$19,234,300.00	\$19,323,350.00	\$19,412,400.00	\$19,501,450.00	\$19,590,500.00	\$19,679,550.00	\$19,768,600.00	\$19,857,650.00	\$19,946,700.00	\$20,035,750.00	\$20,124,800.00	\$20,213,850.00	\$20,302,900.00	\$20,391,950.00	\$20,481,000.00	\$20,570,050.00	\$20,659,100.00	\$20,748,150.00	\$20,837,200.00	\$20,926,250.00	\$21,015,300.00	\$21,104,350.00	\$21,193,400.00	\$21,282,450.00	\$21,371,500.00	\$21,460,550.00	\$21,549,600.00	\$21,638,650.00	\$21,727,700.00	\$21,816,750.00	\$21,905,800.00	\$21,994,850.00	\$22,083,900.00	\$22,172,950.00	\$22,262,000.00	\$22,351,050.00	\$22,440,100.00	\$22,529,150.00	\$22,618,200.00	\$22,707,250.00	\$22,796,300.00	\$22,885,350.00	\$22,974,400.00	\$23,063,450.00	\$23,152,500.00	\$23,241,550.00	\$23,330,600.00	\$23,419,650.00	\$23,508,700.00	\$23

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

PROJECT 1 Arrabeh Well Pump Station - Rehabilitation and Infrastructure Improvements

	USD
Original Total Contract Value Less Day Work:	\$6,516,970.57
Original Total Contract Value Less Day Work:	\$6,516,970.00
Original Total Contract Value Less Day Work VOM:	\$6,321,324.84
Revised Total Contract Value Less Day Work VOM:	\$6,177,588.16
Revised Total Contract Value Less Day Work VOM:	\$6,271,986.71
NTP (Notice to Proceed)	23-Oct-13
Duration of Contract:	505 CD
Revised Contract Duration VOM:	577 CD
Revised Contract Duration VOM:	749 CD
Completion Date:	28-Apr-15
Revised Completion Date VOM:	22-May-15
Revised Completion Date VOM:	10-Nov-15
Data Date:	1-Nov-15

PROJECT 2 Sanur Well Pump Station - Rehabilitation and Infrastructure Improvements

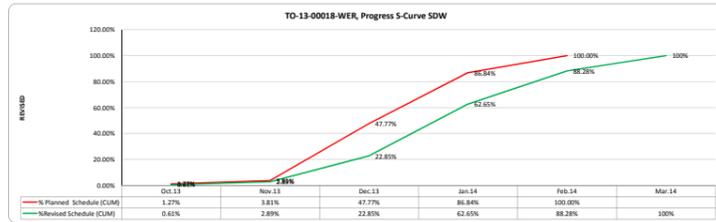
	USD
Original Total Contract Value Less Day Work:	\$7,011,251.36
Original Total Contract Value without Day Work for Project 2 (Sanur)	\$7,011,251.00
Revised Total Contract Value Less Day Work as per VO #4:	\$7,157,158.04
Revised Total Contract Value Less Day Work as per VO #6:	\$6,902,823.84
Revised Total Contract Value Less Day Work as per VO #8:	\$7,144,915.06
Revised Total Contract Value Less Day Work as per VO #9:	\$7,076,476.17
NTP (Notice to Proceed)	23-Oct-13
Original Duration of Contract:	505 CD
Original Completion Date:	28-Apr-15
Revised Duration of Contract as per VO #4:	577CD
Revised Completion Date as per VO #4:	22-May-15
Revised Duration of Contract as per VO #6:	603 CD
Revised Completion Date as per VO #6:	15-Sep-15
Revised Duration of Contract as per VO #8:	782CD
Revised Completion Date as per VO #8:	24-Oct-15
Revised Duration of Contract as per VO #9:	729 CD
Revised Completion Date as per VO #9:	31-Oct-15
Data Date:	1-Nov-15

PROJECT 3 Saadeh Well Pump Station - Rehabilitation

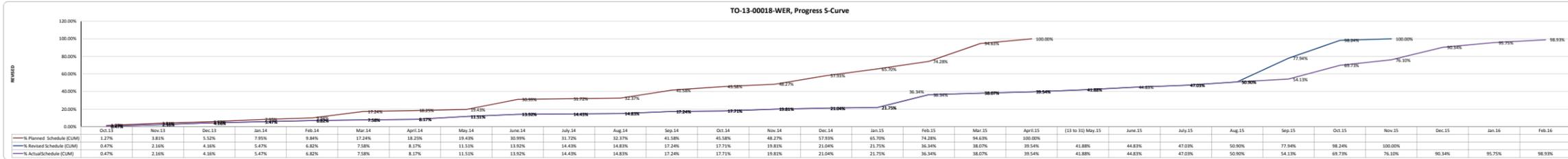
	USD
Original Total Contract Value Less Day Work:	\$493,834.98
Original Total Contract Value without Day Work for Project 3 (Saadeh)	\$493,835.00
Revised Total Contract Value Less Day Work as per VO #3 :	\$376,334.82
NTP (Notice to Proceed)	23-Oct-13
Original Duration of Contract:	130 CD
Original Completion Date:	19-Feb-14
Revised Duration of Contract as per VO #2	140 CD
Revised Completion Date as per VO #2 :	11-Mar-14
Data Date:	13-May-15

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

	USD
Total Contract Value Less Day Work:	\$14,021,896.91
Day Work Value:	\$700,000.00
Total Contract Value Including Day Work:	\$14,721,896.91
Revised Total Contract Value Less Day Work:	\$13,504,556.73
Day Work Value as per VO #8:	\$811,300.18
Revised Total Contract Value Less Day Work as per VO #4:	\$14,000,462.86
Day Work Value:	\$671,394.05
Total Contract Value Including Day Work:	\$14,721,896.91



	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	April-14	May-14	June-14	July-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	April-15	(13 to 31) May-15	June-15	July-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	TOTAL			
Planned Schedule Value	\$178,005.32	\$336,110.65	\$539,931.63	\$840,861.76	\$1,026,500.41	\$1,036,560.88	\$1,442,004.08	\$1,651,787.18	\$1,621,107.65	\$1,021,526.35	\$91,263.33	\$1,291,207.84	\$861,137.67	\$1,777,098.76	\$1,355,243.65	\$1,089,334.97	\$1,201,071.89	\$2,851,307.27	\$752,921.71														\$14,021,896.90
Revised Schedule Value	\$65,999.25	\$234,612.99	\$464,694.01	\$760,805.34	\$947,499.35	\$1,054,049.80	\$1,135,910.47	\$1,600,215.41	\$1,934,076.73	\$2,006,991.47	\$2,060,864.97	\$2,396,763.65	\$2,461,387.30	\$2,753,956.02	\$2,924,863.78	\$3,023,686.42	\$5,050,560.89	\$5,291,628.38	\$5,495,739.00	\$5,820,150.44	\$6,230,168.22	\$6,536,247.55	\$7,074,638.43	\$7,474,638.43	\$7,820,678.42	\$8,145,186.31				\$13,890,838.04			
% Planned Schedule	1.27%	2.54%	3.71%	4.43%	5.28%	7.39%	10.01%	11.56%	10.72%	6.62%	0.62%	9.21%	4.00%	2.69%	6.67%	7.77%	8.58%	20.35%	5.37%												100.00%		
% Revised Schedule	0.47%	1.89%	2.80%	3.81%	4.84%	7.24%	10.43%	12.42%	12.37%	19.43%	21.72%	22.37%	41.58%	45.58%	48.27%	65.70%	74.28%	94.63%	100.00%												100.00%		
% Planned Schedule (CUM)	1.27%	3.81%	17.77%	47.37%	62.65%	69.04%	79.05%	89.57%	94.59%	97.92%	98.94%	99.56%	99.97%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%			
% Revised Schedule (CUM)	0.47%	2.16%	4.16%	5.47%	6.82%	7.58%	8.17%	11.51%	13.82%	14.43%	14.83%	17.24%	17.71%	19.81%	21.04%	21.75%	36.34%	38.07%	39.54%	41.88%	44.83%	47.03%	50.90%	54.13%	69.78%	76.10%	80.34%	85.75%	88.93%	100.00%			



ARW 22.3 Site Memos 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.

NOA Date: September 23, 2014
 NTP Date: October 25, 2014
 Current as Date: March 6, 2016

Site Memoranda From Engineer To Contractor (SM)

Number	Description/Subject	Date Received	Response Date	Comments
SM-13-00018-SNW-E-C-043	Sanur Well and Booster Pumps Operation Observations	February 11, 2016		SM is referred to SNW Project
SM-13-00018-ARW-E-C-044	Arraba Booster Pumps Operation Observations.	February 15, 2016		SM is referred to ARW Project
SM-13-00018-ARW-E-C-045	SM-13-00018-ARW-E-C-045-Arraba Well Pump Motor's Test Results	February 18, 2016		SM is referred to ARW Project
SM-13-00018-ARW-E-C-046	Third Party Field Test Results	February 18, 2016		SM is referred to ARW Project

ARW 22.4 Material & Equipment Delivered to Site 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.

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	February 1, 2016	None	-	-
2	February 2, 2016	None	-	-
3	February 3, 2016	None	-	-
4	February 4, 2016	None	-	-
5	February 5, 2016	None	-	-
6	February 6, 2016	None	-	-
7	February 7, 2016	None	-	-
8	February 8, 2016	None	-	-
9	February 9, 2016	None	-	-
10	February 10, 2016	None	-	-
11	February 11, 2016	None	-	-
12	February 12, 2016	None	-	-
13	February 13, 2016	None	-	-
14	February 14, 2016	None	-	-
15	February 15, 2016	None	-	-
16	February 16, 2016	Concrete B350	45 m ³	Arraba Well
17	February 17, 2016	None	-	-
18	February 18, 2016	Concrete B350	8 m ³	Arraba Well
19	February 19, 2016	None	-	-
20	February 20, 2016	None	-	-
21	February 21, 2016	None	-	-
22	February 22, 2016	None	-	-
23	February 23, 2016	None	-	-
24	February 24, 2016	None	-	-
25	February 25, 2016	None	-	-
26	February 26, 2016	None	-	-
27	February 27, 2016	None	-	-
28	February 28, 2016	None	-	-
29	February 29, 2016	None	-	-

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	February 1, 2016	None	-	-
2	February 2, 2016	None	-	-
3	February 3, 2016	None	-	-
4	February 4, 2016	None	-	-
5	February 5, 2016	None	-	-
6	February 6, 2016	None	-	-
7	February 7, 2016	None	-	-
8	February 8, 2016	None	-	-
9	February 9, 2016	None	-	-
10	February 10, 2016	None	-	-
11	February 11, 2016	None	-	-
12	February 12, 2016	None	-	-
13	February 13, 2016	None	-	-
14	February 14, 2016	None	-	-
15	February 15, 2016	None	-	-
16	February 16, 2016	None	-	-
17	February 17, 2016	None	-	-
18	February 18, 2016	None	-	-
19	February 19, 2016	None	-	-
20	February 20, 2016	None	-	-
21	February 21, 2016	None	-	-
22	February 22, 2016	None	-	-
23	February 23, 2016	None	-	-
24	February 24, 2016	None	-	-
25	February 25, 2016	None	-	-
26	February 26, 2016	None	-	-
27	February 27, 2016	None	-	-
28	February 28, 2016	None	-	-
29	February 29, 2016	None	-	-
30	January 30, 2016	None	-	-
31	January 31, 2016	None	-	-



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	February 1, 2016	JCB Back Hole-1993-1			1
2		Steel Compactor			2
3		Mercedes 416-2002	1	8	
4		Rig			1
5		Level			1
6		Total Station			1
7		Concrete Vibrator			1
8		Crane			1
9	February 2, 2016	JCB Back Hole-1993-1	1	4	
10		Steel Compactor			2
11		Mercedes 416-2002	1	8	
12		Rig			1
13		Level			1
14		Total Station			1
15		Concrete Vibrator			1
16		Crane			1
17	February 3, 2016	JCB Back Hole-1993-1	1	8	
18		Steel Compactor			2
19		Mercedes 416-2002	1	8	
20		Rig			1
21		Tractor	1	8	
22		Level			1
23		Total Station			1
24		Concrete Vibrator			1
25	Crane			1	
26	February 4, 2016	JCB Back Hole-1993-1	1	8	
27		Steel Compactor			2
28		Mercedes 416-2002	1	8	
29		Rig	1	8	
30		Tractor	1	8	
31		Level			1
32		Total Station			1
33		Concrete Vibrator			1
34	Crane	1	8		
35		JCB Back Hole-1993-1			1
36		Steel Compactor			2
37		Mercedes 416-2002			

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
38	February 5, 2016	Rig			1
39		Level			1
40		Total Station			1
41		Concrete Vibrator			1
42		Crane			1
43	February 6, 2016	JCB Back Hole-1993-1			1
44		Steel Compactor			2
45		Mercedes 416-2002	1	8	
46		Rig	1	8	
47		Level			1
48		Total Station			1
49		Concrete Vibrator			1
50	Crane	1	8		
51	February 7, 2016	JCB Back Hole-1993-1			1
52		Steel Compactor			2
53		Mercedes 416-2002	1	8	
54		Rig			1
55		Level			1
56		Total Station			1
57		Concrete Vibrator			1
58		Crane			1
59	February 8, 2016	JCB Back Hole-1993-1			1
60		Steel Compactor			1
61		Mitsubishi L200-2007	1	8	
62		Diesel Generator			1
63		Level			1
64		Total Station			1
65		Concrete Vibrator			1
66	February 9, 2016	JCB Back Hole-1993-1			1
67		Steel Compactor			2
68		Mercedes 416-2002	1	8	
69		Rig	1	8	
70		Level			1
71		Total Station			1
72		Concrete Vibrator			1
73	Crane	1	8		
74	February 10, 2016	JCB Back Hole-1993-1	1	4	1
75		Steel Compactor	1	5	1
76		Mercedes 416-2002	1	8	
77		Rig	1	9	
78		Level			1
79		Total Station			1
80		Concrete Vibrator			1
81		Crane	1	9	
82		JCB Back Hole-1993-1	1	4	1
83		Steel Compactor	1	4	1

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
84	February 11, 2016	Mercedes 416-2002	1	8	
85		Rig	1	8	
86		Level			1
87		Total Station			1
88		Concrete Vibrator			1
89		Crane	1	8	
90	February 12, 2016	JCB Back Hole-1993-1	1	4	1
91		Steel Compactor	1	4	1
92		Mercedes 416-2002	1	8	
93		Rig			1
94		Level			1
95		Total Station			1
96		Concrete Vibrator			1
97		Crane			1
98	February 13, 2016	JCB Back Hole-1993-1	1	5	1
99		Steel Compactor	1	3	1
100		Mercedes 416-2002	1	8	
101		Rig			1
102		Level			1
103		Total Station			1
104		Concrete Vibrator			1
105		Crane			1
106	February 14, 2016	JCB Back Hole-1993-1	1	8	1
107		Steel Compactor	1	4	1
108		Mercedes 416-2002	1	8	
109		Rig			1
110		Level			1
111		Total Station			1
112		Concrete Vibrator			1
113		Crane			1
114	February 15, 2016	JCB Back Hole-1993-1			1
115		Steel Compactor	1	2	
116		Mercedes 416-2002	1	8	
117		Rig	1	8	
118		Level			1
119		Total Station			1
120		Concrete Vibrator			1
121		Crane	1	8	
122	February 16, 2016	JCB Back Hole-1993-1			2
123		Steel Compactor			2
124		Mercedes 416-2002	1	8	
125		Rig			1
126		Level			1
127		Total Station			1
128		Concrete Vibrator			1
129		Crane	1	3	

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
130	February 17, 2016	JCB Back Hole-1993-1			1
131		Steel Compactor			1
132		Mitsubishi L200-2007	1	8	
133		Diesel Generator			1
134		Level			1
135		Total Station			1
136		Concrete Vibrator			1
137	February 18, 2016	JCB Back Hole-1993-1			1
138		Steel Compactor			2
139		Mercedes 416-2002	1	8	
140		Rig			1
141		Level			1
142		Total Station			1
143		Concrete Vibrator	1	1	
144		Crane			
145	February 19, 2016	JCB Back Hole-1993-1			1
146		Steel Compactor			2
147		Mercedes 416-2002	1	2	
148		Rig			1
149		Level			1
150		Total Station			1
151		Concrete Vibrator			1
152		Crane			
153	February 20, 2016	JCB Back Hole-1993-1	1	6	
154		Steel Compactor			2
155		Mercedes 416-2002	1	8	
156		Rig			1
157		Level			1
158		Total Station			1
159		Concrete Vibrator	1	1	
160		Truck	1	6	
161	February 21, 2016	JCB Back Hole-1993-1			2
162		Steel Compactor			2
163		Mercedes 416-2002	1	8	
164		Rig			1
165		Level			1
166		Total Station			1
167		Concrete Vibrator			1
168	February 22, 2016	JCB Back Hole-1993-1			2
169		Steel Compactor			2
170		Mercedes 416-2002	1	8	
171		Rig			1
172		Level			1
173		Total Station			1
174		Concrete Vibrator			1
175		JCB Back Hole-1993-1			2

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
176	February 23, 2016	Steel Compactor			2
177		Mercedes 416-2002	1	8	
178		Rig			1
179		Level			1
180		Total Station			1
181		Concrete Vibrator			1
182	February 24, 2016	JCB Back Hole-1993-1			1
183		Steel Compactor			1
184		Mercedes 416-2002	1	8	
185		Rig			1
186		Level			1
187		Total Station			1
188	Concrete Vibrator			1	
189	February 25, 2016	JCB Back Hole-1993-1			1
190		Steel Compactor			1
191		Mercedes 416-2002	1	8	
192		Rig			1
193		Level			1
194		Total Station			1
195	Concrete Vibrator			1	
196	February 26, 2016	JCB Back Hole-1993-1			1
197		Steel Compactor			1
198		Mercedes 416-2002	1	8	
199		Rig			1
200		Level			1
201		Total Station			1
202	Concrete Vibrator			1	
203	February 27, 2016	JCB Back Hole-1993-1			1
204		Steel Compactor			1
205		Mercedes 416-2002	1	8	
206		Rig			1
207		Level			1
208		Total Station			1
209	Concrete Vibrator			1	
210	February 28, 2016	JCB Back Hole-1993-1			1
211		Steel Compactor	1	5	
212		Mercedes 416-2002	1	8	
213		Grader	1	5	
214		Level			1
215		Total Station			1
216	Concrete Vibrator			1	
217	Water Tank	1	5		
218	February 29, 2016	JCB Back Hole-1993-1			1
219		Steel Compactor	1	3	
220		Mercedes 416-2002	1	8	
221		Level			1

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
222		Total Station			1
223		Concrete Vibrator			1

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	February 1, 2016	JCB Back Hole-1993-1			1
2		Steel Compactor			1
3		Mitsubishi L200-2007	1	8	
4		Diesel Generator			1
5		Level			1
6		Total Station			1
7		Concrete Vibrator			1
8	February 2, 2016	JCB Back Hole-1993-1			1
9		Steel Compactor			1
10		Mitsubishi L200-2007	1	8	
11		Diesel Generator			1
12		Level			1
13		Total Station			1
14		Concrete Vibrator			1
15	February 3, 2016	JCB Back Hole-1993-1			1
16		Steel Compactor			1
17		Mitsubishi L200-2007	1	8	
18		Diesel Generator			1
19		Level			1
20		Total Station			1
21		Concrete Vibrator			1
22	February 4, 2016	JCB Back Hole-1993-1			1
23		Steel Compactor			1
24		Mitsubishi L200-2007	1	8	
25		Diesel Generator			1
26		Level			1
27		Total Station			1
28		Concrete Vibrator			1
29	February 5, 2016	JCB Back Hole-1993-1			1
30		Steel Compactor			1
31		Mitsubishi L200-2007			
32		Diesel Generator			1
33		Level			1
34		Total Station			1
35		Concrete Vibrator			1
36	February 6, 2016	JCB Back Hole-1993-1			1
37		Steel Compactor			1
38		Mitsubishi L200-2007	1	8	
39		Diesel Generator			1
40		Level			1

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
41	February 7, 2016	Total Station			1
42		Concrete Vibrator			1
43		JCB Back Hole-1993-1			1
44		Steel Compactor			1
45		Mitsubishi L200-2007	1	8	
46		Diesel Generator			1
47		Level			1
48		Total Station			1
49		Concrete Vibrator			1
50	February 8, 2016	JCB Back Hole-1993-1			1
51		Steel Compactor			1
52		Mitsubishi L200-2007	1	8	
53		Diesel Generator			1
54		Level			1
55		Total Station			1
56		Concrete Vibrator			1
57	February 9, 2016	JCB Back Hole-1993-1			1
58		Steel Compactor			1
59		Mitsubishi L200-2007	1	8	
60		Diesel Generator			1
61		Level			1
62		Total Station			1
63		Concrete Vibrator			1
64	February 10, 2016	JCB Back Hole-1993-1			1
65		Steel Compactor			1
66		Mitsubishi L200-2007	1	8	
67		Diesel Generator			1
68		Level			1
69		Total Station			1
70		Concrete Vibrator			1
71	February 11, 2016	JCB Back Hole-1993-1			1
72		Steel Compactor			1
73		Mitsubishi L200-2007	1	8	
74		Diesel Generator			1
75		Level			1
76		Total Station			1
77		Concrete Vibrator			1
78	February 12, 2016	JCB Back Hole-1993-1			1
79		Steel Compactor			1
80		Mitsubishi L200-2007			
81		Diesel Generator			1
82		Level			1
83		Total Station			1
84		Concrete Vibrator			1
85	February 13, 2016	JCB Back Hole-1993-1			1
86		Steel Compactor			1
87		Mitsubishi L200-2007	1	8	
88		Diesel Generator			1

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
89		Level			1
90		Total Station			1
91		Concrete Vibrator			1
92	February 14, 2016	JCB Back Hole-1993-1			1
93		Steel Compactor			1
94		Mitsubishi L200-2007	1	8	
95		Diesel Generator			1
96		Level			1
97		Total Station			1
98		Concrete Vibrator			1
99	February 15, 2016	JCB Back Hole-1993-1			1
100		Steel Compactor			1
101		Mitsubishi L200-2007	1	8	
102		Diesel Generator			1
103		Level			1
104		Total Station			1
105		Concrete Vibrator			1
106	February 16, 2016	JCB Back Hole-1993-1			1
107		Steel Compactor			1
108		Mitsubishi L200-2007	1	8	
109		Diesel Generator			1
110		Level			1
111		Total Station			1
112		Concrete Vibrator			1
113	February 17, 2016	JCB Back Hole-1993-1			1
114		Steel Compactor			1
115		Mitsubishi L200-2007	1	8	
116		Diesel Generator			1
117		Level			1
118		Total Station			1
119		Concrete Vibrator			1
120	February 18, 2016	JCB Back Hole-1993-1			1
121		Steel Compactor			1
122		Mitsubishi L200-2007	1	8	
123		Diesel Generator			1
124		Level			1
125		Total Station			1
126		Concrete Vibrator			1
127	February 19, 2016	JCB Back Hole-1993-1			1
128		Steel Compactor			1
129		Mitsubishi L200-2007			
130		Diesel Generator			1
131		Level			1
132		Total Station			1
133		Concrete Vibrator			1
134		JCB Back Hole-1993-1			1
135		Steel Compactor			1
136		Mitsubishi L200-2007	1	8	

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
137	February 20, 2016	Diesel Generator			1
138		Level			1
139		Total Station			1
140		Concrete Vibrator			1
141	February 21, 2016	JCB Back Hole-1993-1			1
142		Steel Compactor			1
143		Mitsubishi L200-2007	1	8	
144		Diesel Generator			1
145		Level			1
146		Total Station			1
147		Concrete Vibrator			1
148	February 22, 2016	JCB Back Hole-1993-1			1
149		Steel Compactor			1
150		Mitsubishi L200-2007	1	8	
151		Diesel Generator			1
152		Level			1
153		Total Station			1
154		Concrete Vibrator			1
155	February 23, 2016	JCB Back Hole-1993-1			1
156		Steel Compactor			1
157		Mitsubishi L200-2007	1	8	
158		Diesel Generator			1
159		Level			1
160		Total Station			1
161		Concrete Vibrator			1
162	February 24, 2016	JCB Back Hole-1993-1			1
163		Steel Compactor			1
164		Mitsubishi L200-2007	1	8	
165		Diesel Generator			1
166		Level			1
167		Total Station			1
168		Concrete Vibrator			1
169	February 25, 2016	JCB Back Hole-1993-1			1
170		Steel Compactor			1
171		Mitsubishi L200-2007	1	8	
172		Diesel Generator			1
173		Level			1
174		Total Station			1
175		Concrete Vibrator			1
176	February 26, 2016	JCB Back Hole-1993-1			1
177		Steel Compactor			1
178		Mitsubishi L200-2007	1	8	
179		Diesel Generator			1
180		Level			1
181		Total Station			1
182		Concrete Vibrator			1
183		JCB Back Hole-1993-1			1
184		Steel Compactor			1

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
185	February 27, 2016	Mitsubishi L200-2007	1	8	
186		Diesel Generator			1
187		Level			1
188		Total Station			1
189		Concrete Vibrator			1
190	February 28, 2016	JCB Back Hole-1993-1			1
191		Steel Compactor			1
192		Mitsubishi L200-2007	1	8	
193		Diesel Generator			1
194		Level			1
195		Total Station			1
196	Concrete Vibrator			1	
197	February 29, 2016	JCB Back Hole-1993-1			1
198		Steel Compactor			1
199		Mitsubishi L200-2007	1	8	
200		Diesel Generator			1
201		Level			1
202		Total Station			1
203		Concrete Vibrator			1

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
		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					2nd Inspection	
No.	Request Date	Date Inspection Required	Description of Works Inspected	Response Date	Grade	Response Date	Grade
IR-13-00018-WER-094-B	February 1, 2016	February 1, 2016	Inspecting Aluminum Window Frames as per attached MRR	February 1, 2016	A		
IR-13-00018-WER-102-C	February 11, 2016	February 11, 2016	Inspecting Louver Steel Doors for EMR & CS Buildings as per attached MRR.	February 11, 2016	A		
IR-13-00018-WER-141-B	February 21, 2016	February 21, 2016	Inspecting Flanged and Threaded Ball Valve as per attached MRR	February 21, 2016	A		
IR-13-00018-WER-147-B	February 29, 2016	February 29, 2016	Inspecting Permanent Signs for Arraba and Sanur Projects as per attached MRR				
IR-13-00018-WER-155-A	February 2, 2016	February 2, 2016	Inspecting Fluorescent Luminaires accessories as per attached MRR to close SM-13-00018-SNW-E-C-031	February 2, 2016	A		
IR-13-00018-WER-156-A	February 8, 2016	February 8, 2016	Inspection Compliance of Environmental Status with Contract Requirements for December 2015-Environmental Check List	February 8, 2016	A		

	Color	
		Amend-Resubmit
		No Exceptions Noted
		Pending

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	Response Date	Grade	1st Inspection		2nd Inspection	
						Response Date	Grade	Response Date	Grade
IR-13-00018-ARW-620-B	February 29, 2016	February 29, 2016	Inspecting access road Base course levels – Second layer	February 29, 2016	A				
IR-13-00018-ARW-624-A	February 2, 2016	February 2, 2016	Inspecting installed site Light for Pole # PL4.	February 2, 2016	A				
IR-13-00018-ARW-625-A	February 9, 2016	February 9, 2016	Inspecting level of the compacted Substrata layer for Area 5-1	February 9, 2016	A				
IR-13-00018-ARW-626-A	February 11, 2016	February 14, 2016	Inspect the installed Circuit breaker MCCB 630 Amp as per VO-13-00018-WER-009	February 14, 2016	C				
IR-13-00018-ARW-627-A	February 11, 2016	February 14, 2016	Inspecting installation and termination of Booster Control Valves-Electrical .	February 14, 2016	A				
IR-13-00018-ARW-628-A	February 11, 2016	February 14, 2016	Inspecting installation and termination of exposed conduit for booster/transmission pump system	February 14, 2016	A				
IR-13-00018-ARW-629-A	February 11, 2016	February 14, 2016	Inspecting installation of panel board, lights, receptacles and instrumentation system for LQ Building	February 14, 2016	C				
IR-13-00018-ARW-629-A	February 16, 2016	February 16, 2016	Inspecting installation of panel board, lights, receptacles and instrumentation system for LQ Building	February 16, 2016	A				
IR-13-00018-ARW-630-A	February 11, 2016	February 11, 2016	Inspecting level of the compacted Substrata layer for Area 5-2	February 11, 2016	A				
IR-13-00018-ARW-631-A	February 11, 2016	February 13, 2016	Inspecting level of the compacted Subgrade layer for Area 5-1 and 5-2	February 13, 2016	A				
IR-13-00018-ARW-632-A	February 14, 2016	February 14, 2016	Inspecting Earthing System for Arraba Project	February 14, 2016	C				
IR-13-00018-ARW-632-B	February 28, 2016	February 28, 2016	Inspecting Earthing System for Arraba Project	February 29, 2016	A				
IR-13-00018-ARW-633-A	February 15, 2016	February 15, 2016	Inspecting level of the compacted Base Course layer for Area 5-1 and 5-2	February 15, 2016	A				
IR-13-00018-ARW-634-A	February 16, 2016	February 16, 2016	Inspecting formwork and reinforcement steel for the concrete pavement Area A5 prior to casting concrete.	February 16, 2016	A				
IR-13-00018-ARW-635-A	February 18, 2016	February 20, 2016	Inspecting Furnish and installation of lights, receptacles and instrumentation system for the chlorination building.	February 20, 2016	C				
IR-13-00018-ARW-635-B	February 28, 2016	February 28, 2016	Inspecting Furnish and installation of lights, receptacles and instrumentation system for the chlorination building.	February 29, 2016	A				
IR-13-00018-ARW-636-A	February 18, 2016	February 20, 2016	Inspecting furnish and installation of panel board, lights, receptacles and instrumentation system for electrical meriting building.	February 20, 2016	C				
IR-13-00018-ARW-636-B	February 28, 2016	February 28, 2016	Inspecting furnish and installation of panel board, lights, receptacles and instrumentation system for electrical meriting building.	February 29, 2016	A				
IR-13-00018-ARW-637-A	February 18, 2016	February 18, 2016	Inspecting formwork and reinforcement steel of the well head pad prior to casting concrete – Stage 2.	February 18, 2016	A				
IR-13-00018-ARW-638-A	February 21, 2016	February 22, 2016	Inspecting installed panel board, lights, receptacles and instrumentation system for Electrical and Control Building.	February 22, 2016	A				
IR-13-00018-ARW-639-A	February 24, 2016	February 24, 2016	Inspecting furnish, install and termination of well pump power and control wire, conduits, cables, connection boxes and miscellaneous	February 24, 2016	A				
IR-13-00018-ARW-640-A	February 25, 2016	February 25, 2016	Inspecting installed Intrusion Switch for balance tank.	February 25, 2016	A				
IR-13-00018-ARW-641-A	February 28, 2016	February 28, 2016	Inspecting Lightning Protection System - Pulsar.	February 29, 2016	A				

	Color	
		Amend-Resubmit
		No Exceptions Noted
		Pending

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-423-C	February 2, 2016	February 2, 2016	Inspect the surface preparation of the retaining wall prior to installing the fence.	February 2, 2016	A		
IR-13-00018-SNW-424-C	February 2, 2016	February 2, 2016	Inspect the surface preparation of the fence wall prior to installing the fence.	February 2, 2016	A		
IR-13-00018-SNW-484-C	February 2, 2016	February 2, 2016	Inspect installation of the plumbing works of the I.Q building	February 2, 2016	A		
IR-13-00018-SNW-485-C	February 2, 2016	February 2, 2016	Inspect installation of the plumbing works of the Chlorination building	February 2, 2016	A		
IR-13-00018-SNW-529-B	February 15, 2016	February 16, 2016	Inspect the SCADA system installation	February 16, 2016	A		
IR-13-00018-SNW-532-A	February 2, 2016	February 2, 2016	Inspect wall and Floor tiles of the Chlorination building to close SM-13-00018-SNW-E-C-026	February 2, 2016	A		
IR-13-00018-SNW-533-A	February 15, 2016	February 15, 2016	Inspect the installation of Jaba flow control valve	February 15, 2016	A		
IR-13-00018-SNW-534-A	February 15, 2016	February 15, 2016	Inspect the installation of Aja flow control valve	February 15, 2016	A		
IR-13-00018-SNW-535-A	February 15, 2016	February 15, 2016	Inspect the installation of Anza flow control valve	February 15, 2016	A		
IR-13-00018-SNW-536-A	February 15, 2016	February 15, 2016	Inspect the installation of the mechanical equipment as per attached drawing.	February 15, 2016	A		
IR-13-00018-SNW-537-A	February 15, 2016	February 15, 2016	Inspect the cleaning and testing of the well piping system	February 15, 2016	A		
IR-13-00018-SNW-538-A	February 15, 2016	February 15, 2016	Inspect the cleaning and testing of utility piping less than 110 mm dia for chlorination building..	February 15, 2016	A		
IR-13-00018-SNW-539-A	February 15, 2016	February 15, 2016	Inspect the cleaning and testing of utility piping greater than and less than 50 mm dia for boosters area.	February 15, 2016	A		
IR-13-00018-SNW-540-A	February 16, 2016	February 16, 2016	Inspect the surface preparation of the BT external walls	February 16, 2016	A		
IR-13-00018-SNW-541-A	February 16, 2016	February 16, 2016	Inspect the Deck guard paint of the BT external walls.	February 16, 2016	A		
IR-13-00018-SNW-542-A	February 16, 2016	February 16, 2016	Inspect the installed doors and windows of all buildings.	February 16, 2016	A		
IR-13-00018-SNW-543-A	February 16, 2016	February 16, 2016	Inspect the gravel pavement around the BT and the buildings.	February 16, 2016	A		
IR-13-00018-SNW-544-A	February 17, 2016	February 18, 2016	Inspect the erosion and sediment control system	February 18, 2016	A		
IR-13-00018-SNW-545-A	February 17, 2016	February 18, 2016	Inspect the installed cat eyes and painting of the main entrance widening.	February 18, 2016	A		
IR-13-00018-SNW-546-A	February 17, 2016	February 18, 2016	Inspect the casted side walk concrete.	February 18, 2016	A		
IR-13-00018-SNW-547-A	February 17, 2016	February 18, 2016	Inspect the is installed metal works at the well head pad.	February 18, 2016	A		
IR-13-00018-SNW-548-A	February 17, 2016	February 18, 2016	Inspect the septic tank coating.	February 18, 2016	A		
IR-13-00018-SNW-549-A	February 17, 2016	February 18, 2016	Inspect the installed grating, hatches and ladders of the constructed vaults.	February 18, 2016	A		
IR-13-00018-SNW-550-A	February 17, 2016	February 18, 2016	Inspect the installed grating inside the electrical and control building.	February 18, 2016	A		
IR-13-00018-SNW-551-A	February 17, 2016	February 18, 2016	Inspect the installed grating inside the electrical metering building.	February 18, 2016	A		
IR-13-00018-SNW-552-A	February 17, 2016	February 18, 2016	Inspect the furnished architectural elements (chairs, bed, desk,..) inside the I.Q building.	February 18, 2016	A		
IR-13-00018-SNW-553-A	February 17, 2016	February 18, 2016	Inspect the backfill around the constructed retaining wall (from St. 0+000 to St. 0+146.36).	February 18, 2016	A		
IR-13-00018-SNW-554-A	February 17, 2016	February 18, 2016	inspect the formwork and steel reinforcement of the foundation of the retaining walls (B-B & C-C).	February 18, 2016	A		
IR-13-00018-SNW-555-A	February 18, 2016	February 18, 2016	Inspect the installed grating, ladders and hatches of the booster area.	February 18, 2016	A		
IR-13-00018-SNW-556-A	February 18, 2016	February 18, 2016	Inspect the Second (final) epoxy paint of mechanical fabrications (spools, elbows, flanges,..).	February 18, 2016	A		
IR-13-00018-SNW-557-A	February 18, 2016	February 18, 2016	Inspecting the subgrade and base course layers (Single Size) of well head and pad.	February 18, 2016	A		
IR-13-00018-SNW-558-A	February 21, 2016	February 21, 2016	Inspecting the subgrade and base course layers of flow metering and control pad (P1).	February 21, 2016	A		
IR-13-00018-SNW-559-A	February 21, 2016	February 21, 2016	Inspecting the subgrade and base course layers of flow metering and control pad (P2).	February 21, 2016	A		
IR-13-00018-SNW-560-A	February 21, 2016	February 22, 2016	Inspecting installation and termination of well pump power and control wire, conduits, cables, connection boxes and miscellaneous.	February 22, 2016	A		
IR-13-00018-SNW-561-A	February 21, 2016	February 22, 2016	Inspecting installed Flow meter, Pressure Transmitter, Pressure switch, Vibration Transmitter and Oiler.	February 22, 2016	A		
IR-13-00018-SNW-562-A	February 21, 2016	February 21, 2016	Inspect the base course and subgrade of the washout manholes (behind and near the balance tank).	February 21, 2016	A		
IR-13-00018-SNW-563-A	February 23, 2016	February 23, 2016	Inspecting installed hatches and grating for Septic and Seepage Tank.	February 23, 2016	A		
IR-13-00018-SNW-564-A	February 23, 2016	February 23, 2016	Inspecting final plastering coat for all internal walls and ceiling of Living Quarter.	February 23, 2016	A		
IR-13-00018-SNW-565-A	February 25, 2016	February 25, 2016	Inspecting installation of wires, conduits, cables, earthing system, lights and receptacles for all buildings (I.Q, E.C, EM & CS) and booster area.	February 25, 2016	A		
IR-13-00018-SNW-566-A	February 28, 2016	February 29, 2016	Inspecting SCADA Functional Test.			Retracted on 29/1/2016	
IR-13-00018-SNW-567-A	February 29, 2016	February 29, 2016	Inspect the installation of the temporary duct bank & manhole	February 29, 2016	A		

ARW 22.6 Submittals Log

DISCLAIMER:

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Submittal Categories	Submittal Classification	Identifiers	Resubmittal Alpha Identifier	Submittal Disposition/ Color Coding
PD: PRODUCT DATA SD: SHOP DRAWINGS AD: ADMINISTRATIVE/OTHER TR: TEST REPORT RPT: REPORT SMP: SAMPLE CO: COMPLETION & CLOSURE MAT: MATERIAL	PCS CONS PETS	WER: WER-0018-001-A ARW: ARW-0018-001-B SNW: SNW-0018-001-C	First Submittal: WER-0018-001-A First Resubmittal: WER-0018-001-B Second Resubmittal: WER-0018-001-C	A: No Exceptions Noted B: Minor Corrections Noted C: Approval and Resubmit D: Rejected - Resubmit E: Review Not Required 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-278-C	Final Video Logging-Sanur Well	Section 02623-Part-4.2-E	AD	CONS	SUB	SNW			C		From main contractor directly	February 8, 2016		March 9, 2016	February 9, 2016	1	E	
SUB-00018-WER-1051-B	Cables List and Schedule for Arraba and Sanur	Section: 16120	AD	CONS	SUB	WER			B		From main contractor directly	February 8, 2016		March 9, 2016				Pending
SUB-13-00018-WER-1355-B	Furniture	Section 12625-Paragraph: 2.6	PD	CONS	SUB	WER			B		February 1, 2016	February 1, 2016		March 2, 2016	February 3, 2016	2	A	
SUB-13-00018-WER-1360-B	Kitchen Equipment	Section: 11817- Paragraph: 2.1 – 2.4	PD	CONS	SUB	WER			B		February 3, 2016	February 3, 2016		March 4, 2016	February 7, 2016	4	A	
SUB-13-00018-SNW-1437-B	Sanur Station Final Load Flow and Short Circuit Study	Section: 16431- Paragraph: 1.3.B	AD	CONS	SUB	SNW			B		From main contractor directly	February 8, 2016		March 9, 2016	February 11, 2016	3	E	
SUB-13-00018-SNW-1489-B	Test Report on Concrete Compressive Strength at 28 Days of Age – Reinforced Concrete Pavement-Stage 1 as per IR-13-00018-SNW-445-A	Section 03300	TR	CONS	Lab Test	SNW			B		From main contractor directly	February 8, 2016		March 9, 2016	February 11, 2016	3	A	
SUB-13-00018-SNW-1490-B	Test Report on Concrete Compressive Strength at 28 Days of Age – Reinforced Concrete Pavement - Stage 2	Section 03300	TR	CONS	Lab Test	SNW			B		From main contractor directly	February 8, 2016		March 9, 2016	February 11, 2016	3	A	
SUB-13-00018-SNW-1535-B	As-Built Drawings (Civil, Mechanical and Electrical)for Sanur Living Quarter building	Section: 01300- Paragraph: 1.7B	SD	CONS	SUB	SNW			B		February 20, 2016	February 21, 2016		March 22, 2016	February 24, 2016	3	B	
SUB-13-00018-SNW-1560-B	Test Report on Natural Sand – Sanur (Me'mar Plant)	Section 02200	TR	CONS	Lab Test	SNW			B		From main contractor directly	February 11, 2016		March 12, 2016	February 11, 2016	0	A	
SUB-13-00018-ARW-1572-B	Test Report on Concrete Compressive Strength at 28 Days of Age – LQ Side Walk	Section 03300	TR	CONS	Lab Test	ARW			B		From main contractor directly	February 8, 2016		March 9, 2016	February 9, 2016	1	A	
SUB-13-00018-ARW-1573-B	Test Report on Concrete Compressive Strength at 35 Days of Age – Yard Pavement (Area 1)	Section 03300	TR	CONS	Lab Test	ARW			B		From main contractor directly	February 8, 2016		March 9, 2016	February 9, 2016	1	A	
SUB-13-00018-WER-1583-B	AC Units Trainer CV	Section: 01670	AD	CONS	SUB	WER			B		From main contractor directly	February 23, 2016		March 24, 2016	February 28, 2016	5	A	
SUB-13-00018-ARW-1586-A	Arraba Electrical Shop Drawings for PLC	Section 17510	SD	CONS	SUB	ARW			A		From main contractor directly	February 2, 2016		March 3, 2016				Pending
SUB-13-00018-ARW-1587-A	Arraba Electrical Shop Drawings for MCC	Section 16480	SD	CONS	SUB	ARW			A		From main contractor directly	February 2, 2016		March 3, 2016				Pending
SUB-13-00018-ARW-1588-A	Arraba Electrical Shop Drawings for MTS	Section 16480	SD	CONS	SUB	ARW			A		From main contractor directly	February 2, 2016		March 3, 2016				Pending
SUB-13-00018-SNW-1589-A	Preliminary Operation & Maintenance Manual/Section 1C/ 400V Well Pump Manual Transfer Switch – Sanur	Section: 16480	AD	CONS	SUB	SNW			A		February 1, 2016	February 2, 2016		March 3, 2016	February 9, 2016	7	B	
SUB-13-00018-ARW-1590-A	Preliminary Operation & Maintenance Manual/Section 1C/ 400V Well Pump Manual Transfer Switch – Arraba	Section: 16480	AD	CONS	SUB	ARW			A		February 1, 2016	February 3, 2016		March 4, 2016	February 9, 2016	6	B	
SUB-13-00018-ARW-1591-A	Preliminary Operation & Maintenance Manual /Section 3H /Low Voltage Motor Control Center - Arraba	Section: 16480	AD	CONS	SUB	ARW			A		February 1, 2016	February 3, 2016		March 4, 2016	February 9, 2016	6	B	
SUB-13-00018-WER-1592-A	QA/QC Submittal Register Monthly Update – December 2015	Section 01300- Paragraph: 1.8B, Contractor's manual, 4.1-construction submittals (3)	AD	CONS	SUB	WER			A		From main contractor directly	February 3, 2016		March 4, 2016	February 7, 2016	4	A	
SUB-13-00018-ARW-1593-A	Test Report on Concrete Compressive Strength at 35 Days of Age – Concrete Pavement A1-2	Section 03300	TR	CONS	Lab Test	ARW			A		From main contractor directly	February 3, 2016		March 4, 2016	February 7, 2016	4	A	
SUB-13-00018-SNW-1594-A	Test Report on Bituminous Mixture /Sanur Main Entrance	Section 02460	TR	CONS	Lab Test	SNW			A		From main contractor directly	February 3, 2016		March 4, 2016	February 7, 2016	4	A	
SUB-13-00018-SNW-1595-A	Contractor Response on SM-13-00018-SNW-E-C-026-Tiling works for LQ & CS Buildings-Sanur	Section: 09310- Paragraph: 2.1B & SM#26	AD	CONS	SUB	SNW			A		From main contractor directly	February 7, 2016		March 8, 2016	February 9, 2016	2	A	
SUB-13-00018-SNW-1596-A	Contractor Response on SM-13-00018-SNW-E-C-22-Concrete Surface Uniformity for Fence Wall -Sanur	Section: 03300 & SM#22	AD	CONS	SUB	SNW			A		From main contractor directly	February 7, 2016		March 8, 2016	February 9, 2016	2	A	
SUB-13-00018-SNW-1597-A	Contractor Response on SM-13-00018-SNW-E-C-30-Damages of the Retaining Wall at Sanur	Section: 03300 & SM#30	AD	CONS	SUB	SNW			A		From main contractor directly	February 7, 2016		March 8, 2016	February 9, 2016	2	A	
SUB-13-00018-SNW-1598-A	Contractor Response on SM-13-00018-SNW-E-C-31-Installation of Lighting Fixture for Buildings at Sanur	Section: 16500 & SM#31	AD	CONS	SUB	SNW			A		From main contractor directly	February 7, 2016		March 8, 2016	February 9, 2016	2	A	
SUB-13-00018-WER-1599-A	QC Monthly Report- January 2016	Section 01300- Paragraph: 1.8-B	AD	CONS	SUB	WER			A		From main contractor directly	February 11, 2016		March 12, 2016	February 11, 2016	0	A	
SUB-13-00018-WER-1600-A	QA/QC Submittal Register Monthly Update – January 2016	Section 01300- Paragraph: 1.8B, Contractor's manual, 4.1-construction submittals (3)	AD	CONS	SUB	WER			A		From main contractor directly	February 11, 2016		March 12, 2016	February 11, 2016	0	A	
SUB-13-00018-SNW-1601-A	Activity Report- Sanur Well System Startup (Pre-Commissioning & Commissioning)	Section 01660	AD	CONS	SUB	SNW			A		From main contractor directly	February 16, 2016		March 17, 2016	February 24, 2016	8	A	
SUB-13-00018-SNW-1602-A	Contractor Response on SM-13-00018-SNW-E-C-43-Sanur Well and Booster Pump Operation Observation	Section: 11101, 11103 & SM#43	AD	CONS	SUB	SNW			A		From main contractor directly	February 23, 2016		March 24, 2016				Pending
SUB-13-00018-ARW-1603-A	Completion Report for Arraba Well (VTL) New Well Pump Installation	Section: 11101	AD	CONS	SUB	ARW			A		From main contractor directly	February 23, 2016		March 24, 2016	February 28, 2016	5	A	
SUB-13-00018-ARW-1604-A	Arraba Booster Pumps Performance Test Results	Section: 11103	TR	CONS	SUB	ARW			A		From main contractor directly	February 24, 2016		March 25, 2016				Pending
SUB-13-00018-WER-1605-A	Monthly Safety Plan Update – January 2016	Contractor's Manual-Sec. 4.1/12	AD	CONS	SUB	WER			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	A	
SUB-13-00018-WER-1606-A	Monthly Risk Management Plan Update – January 2016	Contractor's Manual-Sec. 4.1/construction submittals #003	AD	CONS	SUB	WER			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	B	
SUB-13-00018-SNW-1607-A	Test Report on Concrete Compressive Strength at 28 Days of Age – Well Pump Discharge Head Pipeline Pad	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	A	
SUB-13-00018-SNW-1608-A	Test Report on Concrete Compressive Strength at 28 Days of Age – Protection Around Asphalt - Sanur	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	A	
SUB-13-00018-SNW-1609-A	Test Report on Concrete Compressive Strength at 28 Days of Age – RC Pavement Last Stage & Cons. Ditch	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	A	
SUB-13-00018-SNW-1610-A	Test Report on Asphalt Pavement Compaction (Core Test) – Sanur Main Entrance	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	A	
SUB-13-00018-ARW-1611-A	Field Density Compaction Test for Subgrade – Area 5, Part 1	Section 02200	TR	CONS	Lab Test	ARW			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	A	
SUB-13-00018-ARW-1612-A	Field Density Compaction Test for Base Course – Area 5, Part 2	Section 02200	TR	CONS	Lab Test	ARW			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	A	
SUB-13-00018-ARW-1613-A	Field Density Compaction Test for Filling Material – Area 5, Part 1 & 2	Section 02200	TR	CONS	Lab Test	ARW			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	A	
SUB-13-00018-SNW-1614-A	Test Report on Concrete Compressive Strength at 28 Days of Age – Ditch Area - Sanur	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	A	
SUB-13-00018-SNW-1615-A	Contractor Response on SM-13-00018-SNW-E-C-028- Sidewalk and Soil Erosion Concrete Slab's - Sanur	Section: 03300 & SM#28	AD	CONS	SUB	SNW			A		From main contractor directly	February 25, 2016		March 26, 2016	February 29, 2016	4	A	
SUB-13-00018-ARW-1616-A	Preliminary Operation & Maintenance Manuals/Section 9D/PVC Sch 80 Pipes and fittings - Arraba	Section: 15430	AD	CONS	SUB	ARW			A		February 24, 2016	February 25, 2016		March 26, 2016				Pending
SUB-13-00018-SNW-1617-A	Preliminary Operation & Maintenance Manuals/Section 9D/PVC Sch 80 Pipes and fittings - Sanur	Section: 15430	AD	CONS	SUB	SNW			A		February 24, 2016	February 25, 2016		March 26, 2016				Pending
SUB-13-00018-ARW-1618-A	Field Density Compaction Test for Substrata – Area 5, Part 2	Section 02200	AD	CONS	SUB	ARW			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	A	
SUB-13-00018-WER-1619-A	Resume for Control Valves Training Instructor - Alternative	Section: 01670- Paragraph: 1.2 E -10	AD	CONS	SUB	WER			A		From main contractor directly	February 28, 2016		March 29, 2016				Pending
SUB-13-00018-ARW-1620-A	Coordination Study and Arc Flash Label for Arraba	Section: 16431	AD	CONS	SUB	ARW			A		From main contractor directly	February 29, 2016		March 30, 2016				Pending

Submittal Categories	Submittal Classification	Phase/Status	Identifiers	Resubmittal Alpha Identifier	Submittal Disposition / Color Coding
PD PRODUCT DATA SD SHOP DRAWINGS AD ADMINISTRATIVE/OTHER TR TEST REPORT SCM STORE/SCALE RPT REPORT SMP SAMPLE CO COMPLETION & CLOSURE MAT MATERIAL	PCS CONS PSTS	Preconstruction Construction Post construction	WER Wells Rehabilitation Project ARW : Project 1 Identifier SNW : Project 2 Identifier SDW : Project 3 Identifier	First Submittal SUB-13-WER-001-A First RFI Submittal SUB-13-WER-001-B Second Resubmittal SUB-13-WER-001-C	A No Exceptions Noted B Minor Corrections Noted C Approval and Resubmit D Rejected-Resubmit E Review Not Required 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-13-00018-SNW-1621-A	As-Built Drawings (Civil, Mechanical and Electrical) for Samur Electrical Metering Building	Section: 01300- Paragraph: 1.7B	SD	CONS	SUB	SNW			A		February 28, 2016	February 29, 2016		March 30, 2016				Pending
SUB-13-00018-ARW-1622-A	Certificate of Proper Installation for Arraba Well Pump	Section 11101 & Contractor's Manual Sec. 7	AD	CONS	SUB	ARW			A		From main contractor directly	February 29, 2016		March 30, 2016				Pending
SUB-13-00018-WER-1623-A	Monthly Environmental Plan Update and Mitigation Plan Update-January 2016	Contractor's Manual-Sec. 4.1/14	AD	CONS	SUB	WER			A		From main contractor directly	February 29, 2016		March 30, 2016				Pending

ARW 22.7 Requests for Information Log

DISCLAIMER:

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Task Order: **Task Order: 00018-WER**
 Projects: Project 1-ARW Arraba Well Pump Station
 Project 2-SNW Sanur Well Pump Station
 Project 3-SDW Saadeh Well Rehabilitation

Request for Information Log

RFI No.	Subject of RFI	BOQ item no.	Specification no.	Drawing no.	Date Submitted to Engineer	Response Needed by	Response Date from Engineer	No. of Days for Engineer Response	Status	Engineer Response	Potential Change Order
RFI-18-WER-C-E-085	Arraba Well Status.	-	Section 01660 – Startup	-	February 25, 2016		February 29, 2016	4	Response	IRD concerns are noted. IRD to set the pump flow rate at 65m3/hr	

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 Arraba Well Pump Station Rehabilitation & Infrastructure Improvements	NOA: September 25, 2013
	Project 2-SNW Sanur 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 is no VOs issued during February 2016

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

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-033-A	February 14, 2016		66 days	0.00	-	-	1- Summary Sheet of Rainy Days. 2- Supporting Documents-Daily Joint Reports (DJRs).	Excusable Delays- Rainy Days.		
VOR-00018-WER-034-A	February 15, 2016		13 days	0.00	-	-	1- Supporting Documents-Official Letter from Ministry of Public Works and Housing.	Excusable Delays- Ramadan Excusable Delays During Year 2015.		
VOR-00018-WER-035-A	February 15, 2016		9 days	0.00	-	-	1- Supporting Documents-Official Letter from Ministry of Public Works and Housing.	Excusable Delays- Extremely Hot Days During July & August, 2015 .		
VOR-00018-WER-036-A	February 15, 2016		25 days	0.00	-	-	1- Supporting Documents-Official Letter from Ministry of Public Works and Housing.	Excusable Delays- Shortage of Cement in the Area.		

ARW 22.9 Employment Generated Data

DISCLAIMER:

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

PERIOD FROM: Oct-23-2013 (NTP)
 PERIOD TO:

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	584	36	
February	2015	69	67	142	108	181	565	24	518	47	
March	2015	81	80	192	178	217	747	31	681	66	
April	2015	79	77	164	168	216	704	30	640	64	
May	2015	78	77	169	159	233	717	30	653	64	
June	2015	78	76	134	139	229	656	28	593	63	
July	2015	58	63	102	96	226	544	23	492	52	
August	2015	68	68	158	169	239	701	29	647	54	
September	2015	58	58	145	142	219	621	26	575	46	
Total of FY 2015							7911	332.4054622	7307	604	
October	2015	60	65	207	148	242	722	30	670	52	
November	2015	65	65	258	174	236	798	34	746	52	
December	2015	68	68	199	159	259	752	32	674	78	
January	2016	66	78	134	72	249	598	25	520	78	
February	2016	64	75	229	140	247	755	32	680	75	
March	2016										
April	2016										
May	2016										
June	2016										
July	2016										
August	2016										
September	2016										
Total of FY 2016							3626	152.3529412	3291	335	

Note :

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

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

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. AID-294-1-00-12-00003
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: Arraba Well Pump Station
 CONTRACTOR: IRD
 SUBCONTRACTOR: Al-Abbasi

DATE	Site Staff Job Days**																							Man-days*						
	Management				Engineers						Worker/Classification (Hours)										Others					Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other
	Task Order Manager	Quality Control Manager	Safety & Env. Manager	Project Manager (P), etc., etc.	Document Control Engineer (D)	Document Control Engineer	Civil Engineer (E)	Office Engineer	Site Engineer	Supervisor	Skilled Labor	Foreman	Equipment Operator	Rigman	Unskilled Labor	General Security	Janitor (J)	Janitor	Document Control Officer	Surveyor	Surveyor Assistant	OWI	Geological	Driver	Supervisor	AC Technician				
Monday, February 01, 2016	4	4	4	8	4	4	4	4	8	8	16	8		16	40	16	8		4							2.5	3	4	2	8.5
Tuesday, February 02, 2016	4	4	4	8	4	4	4	4	8	8	24	8	4	32	40	16	8		4							2.5	3	5.5	4	8.5
Wednesday, February 03, 2016	4	4	4	8	4	4	4	4	8	8	40	8	8	48	40	16	8		4				8			2.5	3	8	6	9.5
Thursday, February 04, 2016	4	4	4	8	4	4	4	4	8	8	56	8	24	64	40	16	8		4				8			2.5	3	12	8	9.5
Friday, February 05, 2016														2	40											0	0	0	0.25	5
Saturday, February 06, 2016	4	4	4	8	4	4	4	4	8	8	40	8	16	40	40	16	8		4				8			2.5	3	9	5	9.5
Sunday, February 07, 2016	4	4	4	8	4	4	4	4	8	8		8		40	40	16	8		8							2.5	3	2	0	9
Monday, February 08, 2016	4	4	4	8	4	4	4	4	8	8	45	8	20	45	40	16	8		8							2.5	3	10.125	5.625	9
Tuesday, February 09, 2016	4	4	4	8	4	4	4	4	8	8	32	8	16	32	40	16	8		8							2.5	3	8	4	9
Wednesday, February 10, 2016	4	4	4	8	4	4	4	4	8	8	64	8	27	56	40	16	8		8							2.5	3	13.375	7	9
Thursday, February 11, 2016	4	4	4	8	4	4	4	4	8	8	32	8	24	48	40	16	8		8							2.5	3	9	6	9
Friday, February 12, 2016									8	8	8	8	8	24	40											0	0	4	3	5
Saturday, February 13, 2016	4	4	4	8	4	4	4	4	8	8	32	8	8	40	40	16	8		8							2.5	3	7	5	9
Sunday, February 14, 2016	4	4	4	8	4	4	4	4	8	8	16	8	12	32	40	16	8		8							2.5	3	5.5	4	9
Monday, February 15, 2016	4	4	4	8	4	4	4	4	8	8	48	8	18	56	40	16	8		8							2.5	3	10.25	7	9
Tuesday, February 16, 2016	4	4	4	8	4	4	4	4	8	8	56	8	3	56	40	16	8		8							2.5	3	9.375	7	9
Wednesday, February 17, 2016	4	4	4	8	4	4	4	4	8	8	56	8	8	48	40	16	8		8			4				2.5	3	10	6	9.5
Thursday, February 18, 2016	4	4	4	8	4	4	4	4	8	8	32	8		40	40	16	8		8							2.5	3	6	5	9
Friday, February 19, 2016											2			2	40											0	0	0.25	0.25	5
Saturday, February 20, 2016	4	4	4	8	4	4	4	4	8	10	70	8	12	30	40	16	8		8							2.5	3	12.5	3.75	9
Sunday, February 21, 2016	4	4	4	8	4	4	4	4	8	8	64	8		48	40	16	8		8							2.5	3	10	6	9
Monday, February 22, 2016	4	4	4	8	4	4	4	4	8	8	56	8		48	40	16	8		8							2.5	3	9	6	9
Tuesday, February 23, 2016	4	4	4	8	4	4	4	4	8	8	48	8		40	40	16	8		8							2.5	3	8	5	9
Wednesday, February 24, 2016	4	4	4	8	4	4	4	4	8	8	48	8		32	40	16	8		8							2.5	3	8	4	9
Thursday, February 25, 2016	4	4	4	8	4	4	4	4	8	8	32	16		40	40	16	8		8							2.5	3	7	5	9
Friday, February 26, 2016	8	6							8	48	8			40	40		8									1.75	0	8	5	6
Saturday, February 27, 2016	4	4	4	8	4	4	4	4	8	8	64	16		64	40	16	8		8							2.5	3	11	8	9
Sunday, February 28, 2016	4	4	4	8	4	4	4	4	8	8	56	16	15	48	40	16	8		8							2.5	3	11.875	6	9
Monday, February 29, 2016	4	4	4	8	4	4	4	4	8	8	56	16	3	48	40	16	8		8							2.5	3	10.375	6	9
Total of Month	108	106	100	200	100	100	100	100	200	218	1139	250	226	0	1119	1160	400	208	0	180	0	4	0	24	0	64.25	75	229.125	139.875	247

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 appears 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	1	2	2	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	Closed	Project is in start up phase
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	Closed	Project is in start up phase
4	Contractor	Excavations for underground yard piping, duct banks and manholes..	The depth of underground yard piping excavation exceeds 2m and exposure to fall of personnel during work is an existing hazard.	Personnel injury.	Contractor	April, 2015	1	1	1	No	No	Mitigate	Concrete barriers had been installed all around excavation area to prevent falling of personnel. Extra care will be taken during construction. Tool box meetings are conducted regularly.	IRD	Closed	Project is in start up phase
5	Construction	Fall of well pump and pipes during pulling out of existing pump and installation of the new pump.	This is a vertical line shaft very old well pump that will be pulled out, and slippage of pipes from couplings due to any sudden or fast movement during pulling out could occur. dealing with such a huge weight could be risky. The same is applicable to installation of the new VLST pump in the well.	Delay in commissioning date of the project. Personnel injury, and might cause damage of the well casing.	Contractor	December., 2015	2	2	4	Yes	Yes	Mitigate	Hiring a professional staff with very good equipment to perform the work. Make sure that rig capacity fits with entire pumping unit weight. Conduct work with extra care and make sure that sudden movement during pulling out or installation shall be avoided. Tighten clamps properly around pipes. Move downward or upward slowly with extra attention and monitoring of any sudden changes in the exerted force by the rig.	IRD	Closed	Project is in start up phase

CONSTRUCTION MONTHLY PROGRESS REPORT- ATTACHMENTS

Reporting Period:

February 01 - February 29, 2016

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-Mar-16

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Actual Start	Actual Finish	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q			
							O	N	D	J	F	M	A	M	J	Jul	A	S	O	N
Total		797	01-Mar-16	09-Apr-16	23-Oct-13															
RFTOP WATER-294-13-00018 WELL REHABILITATION & IMPROVEMENTS		797	01-Mar-16	09-Apr-16	23-Oct-13															
Milestones		760	15-Mar-16	28-Mar-16	23-Oct-13															
General Milestones		747	15-Mar-16	28-Mar-16	23-Oct-13															
Intermediate Milestones		737	28-Mar-16	28-Mar-16	01-Dec-13															
Mobilization		24			24-Oct-13	22-Mar-14														
Submittals		621	01-Mar-16	04-Apr-16	31-Oct-13															
Pre Construction Submittals		45			31-Oct-13	31-Mar-14														
Construction Submittals		621	01-Mar-16	04-Apr-16	14-Nov-13															
Material Submittals		592	01-Mar-16	01-Mar-16	06-Jan-14															
Civil		539			06-Jan-14	12-Oct-15														
Earth Works		141			12-Apr-14	22-Oct-14														
Concrete Works		173			07-Jan-14	20-Aug-14														
Building Works		374			28-Aug-14	12-Oct-15														
Roads Works		97			08-Apr-15	02-Jun-15														
Miscellaneous		291			06-Jan-14	20-May-15														
Mechanical		554	01-Mar-16	01-Mar-16	06-Jan-14															
Local Manufacturer		554			10-Feb-14	02-Feb-16														
Abroad Manufacturer (Long Lead Items)		538	01-Mar-16	01-Mar-16	06-Jan-14															
Electrical		588	01-Mar-16	01-Mar-16	06-Feb-14															
Abroad Manufacturer (Long Lead Items) (AKRAM SALAH - IC Systems Ltd)		562	01-Mar-16	01-Mar-16	10-Mar-14															
Local Manufacturer		509			06-Feb-14	01-Nov-15														
Shop Drawings		513			17-Dec-13	10-Aug-15														
Civil		513			17-Dec-13	23-Jun-15														
Mechanical		293			22-Jun-14	10-Aug-15														
Electrical		445			03-Feb-14	03-Aug-15														
Methods Statement & Work Plans		621	01-Mar-16	04-Apr-16	14-Nov-13															
Civil		513			14-Nov-13	25-May-15														
Mechanical		189			09-Feb-15	11-Nov-15														
Electrical		354	01-Mar-16	04-Apr-16	15-Jan-15															
Post Construction Submittals		0	15-Mar-16	15-Mar-16																
Procurement		473			01-Jul-14	16-Nov-15														
Mechanical, Electrical Equipments&Instrumentation,...etc- for Arrabeh Well		442			02-Aug-14	10-Nov-15														
Mechanical Material Order, Manufacture & Delivery		195			02-Aug-14	30-Jul-15														
Mechanical Equipment		195			02-Aug-14	30-Jul-15														
Electrical Material Order, Manufacture & Delivery		321			18-Dec-14	10-Nov-15														
Electrical Equipment Order & Manufacture		207			18-Dec-14	18-Sep-15														
Electrical Equipment Delivery		110			26-Jun-15	10-Nov-15														
Mechanical, Electrical Equipments&Instrumentation,...etc for Sanur Well		420			02-Aug-14	20-Oct-15														
Mechanical Material Order, Manufacture & Delivery		181			02-Aug-14	30-Jul-15														
Mechanical Equipment		181			02-Aug-14	30-Jul-15														
Electrical Material Order, Manufacture & Delivery		339			18-Dec-14	20-Oct-15														
Electrical Equipment Order & Manufacture		207			18-Dec-14	18-Sep-15														
Electrical Equipment Delivery		128			26-Jun-15	20-Oct-15														
VFDs Time Impact Analysis		21			03-Sep-15	16-Nov-15														
Inspected By SIEMENS & IC System & Ship. Agent		1			03-Sep-15	03-Sep-15														
Inspected By SIEMENS & IC System & Ship. Agent (Original)		1			03-Sep-15	03-Sep-15														
SIEMENS Released Report		1			09-Sep-15	09-Sep-15														
Meeting w SIEMENS- IRD,IC,AGC and BV		1			10-Sep-15	10-Sep-15														
10 Units Sent By Air to US SIEMENS for Repair		11			22-Sep-15	02-Oct-15														
Sent to Israel		11			16-Oct-15	05-Nov-15														
Sent By Air to SIEMENS Israel (Original)		11			16-Oct-15	05-Nov-15														
Arrive to BG Airport		2			24-Oct-15	05-Nov-15														

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

Summary



Date	Revision	Checked	Approved
02-Feb-16	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.-lv...	Naim Mani-Prog Direc...

SNW 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

USD	
Original Total Contract Value Less Day Work:	\$6,516,970.57
Original Total Contract Value Less Day Work:	\$6,516,970.00
Original Total Contract Value Less Day Work VOM:	\$6,321,324.84
Revised Total Contract Value Less Day Work VOM:	\$6,377,588.16
Original Total Contract Value Less Day Work VOM:	\$6,377,588.16
Revised Total Contract Value Less Day Work VOM:	\$6,377,588.16
NTP (Notice to Proceed)	23-Oct-13
Duration of Contract:	505 CD
Revised Duration of Contract:	577 CD
Revised Contract Duration VOM:	749 CD
Completion Date:	28-Apr-15
Revised Completion Date VOM:	22-May-15
Revised Completion Date VOM:	10-Nov-15
Data Date:	1-Nov-15

PROJECT 2 Sanur Well Pump Station - Rehabilitation and Infrastructure Improvements

USD	
Original Total Contract Value Less Day Work:	\$7,021,251.36
Original Total Contract Value without Day Work for Project 2 (Sanur)	\$7,021,251.00
Revised Total Contract Value Less Day Work as per VO #4:	\$7,137,158.04
Revised Total Contract Value Less Day Work as per VO #6:	\$6,902,812.84
Revised Total Contract Value Less Day Work as per VO #8:	\$7,144,248.06
Revised Total Contract Value Less Day Work as per VO #9:	\$7,076,478.17
NTP (Notice to Proceed)	23-Oct-13
Original Duration of Contract:	505 CD
Original Completion Date:	25-Apr-15
Revised Duration of Contract as per VO #4:	577 CD
Revised Completion Date as per VO #4:	22-May-15
Revised Duration of Contract as per VO #6:	603 CD
Revised Completion Date as per VO #6:	15-Sep-15
Revised Duration of Contract as per VO #8:	782 CD
Revised Completion Date as per VO #8:	24-Oct-15
Revised Duration of Contract as per VO #9:	729 CD
Revised Completion Date as per VO #9:	31-Oct-15
Data Date:	1-Nov-15

PROJECT 3 Saadeh Well Pump Station - Rehabilitation

USD	
Original Total Contract Value Less Day Work:	\$493,834.98
Original Total Contract Value without Day Work for Project 3 (Saadeh)	\$493,835.00
Revised Total Contract Value Less Day Work as per VO #3 :	\$376,334.82
NTP (Notice to Proceed)	23-Oct-13
Original Duration of Contract:	130 CD
Original Completion Date:	19-Feb-14
Revised Duration of Contract as per VO #2	140 CD
Revised Completion Date as per VO #2 :	11-Mar-14
Data Date:	13-May-15

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

USD	
Total Contract Value Less Day Work:	\$14,012,886.91
Day Work Value:	\$700,000.00
Total Contract Value Including Day Work:	\$14,712,886.91
Revised Total Contract Value Less Day Work:	\$13,304,556.73
Day Work Value as per VO #4:	\$812,300.18
Revised Total Contract Value Less Day Work as per VO #4:	\$14,000,462.86
Day Work Value:	\$671,394.05
Total Contract Value Including Day Work:	\$14,712,886.91
Revised Total Contract Value without Day Work for Task Order (VO #4)	\$13,304,556.73
Revised Day Work Amount (VO #4)	\$671,393.14
Total Contract Value Less Day Work VOM:	\$13,629,882.50
Day Work Value VOM:	\$1,961,973.50
Total Contract Value Including Day Work VOM:	\$14,721,856.00
Total Contract Value Less Day Work VOM:	\$13,899,838.04
Day Work Value VOM:	\$822,017.96
Total Contract Value Including Day Work VOM:	\$14,721,856.00
Total Contract Value Less Day Work VOM:	\$13,667,229.68
Day Work Value VOM:	\$1,954,626.32
Total Contract Value Including Day Work VOM:	\$14,721,856.00

	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	June-14	July-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	April-15	May-15	June-15	July-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Planned Schedule Value	\$82,755.18	\$165,510.37	\$248,265.56	\$331,020.75	\$413,775.94	\$496,531.13	\$579,286.32	\$662,041.51	\$744,796.70	\$827,551.89	\$910,307.08	\$993,062.27	\$1,075,817.46	\$1,158,572.65	\$1,241,327.84	\$1,324,083.03	\$1,406,838.22	\$1,489,593.41	\$1,572,348.60	\$1,655,103.79	\$1,737,858.98	\$1,820,614.17	\$1,903,369.36	\$1,986,124.55	\$2,068,879.74	\$2,151,634.93	\$2,234,390.12	\$2,317,145.31	\$2,400,000.50	\$2,482,855.69	\$2,565,710.88	\$2,648,566.07	\$2,731,421.26	\$2,814,276.45	\$2,897,131.64	\$2,980,000.00	\$3,062,855.19	\$3,145,710.38	\$3,228,565.57	\$3,311,420.76	\$3,394,275.95	\$3,477,131.14	\$3,560,000.00	\$3,642,855.19	\$3,725,710.38	\$3,808,565.57	\$3,891,420.76	\$3,974,275.95	\$4,057,131.14	\$4,140,000.00	\$4,222,855.19	\$4,305,710.38	\$4,388,565.57	\$4,471,420.76	\$4,554,275.95	\$4,637,131.14	\$4,720,000.00	\$4,802,855.19	\$4,885,710.38	\$4,968,565.57	\$5,051,420.76	\$5,134,275.95	\$5,217,131.14	\$5,300,000.00	\$5,382,855.19	\$5,465,710.38	\$5,548,565.57	\$5,631,420.76	\$5,714,275.95	\$5,797,131.14	\$5,880,000.00	\$5,962,855.19	\$6,045,710.38	\$6,128,565.57	\$6,211,420.76	\$6,294,275.95	\$6,377,131.14	\$6,460,000.00	\$6,542,855.19	\$6,625,710.38	\$6,708,565.57	\$6,791,420.76	\$6,874,275.95	\$6,957,131.14	\$7,040,000.00	\$7,122,855.19	\$7,205,710.38	\$7,288,565.57	\$7,371,420.76	\$7,454,275.95	\$7,537,131.14	\$7,620,000.00	\$7,702,855.19	\$7,785,710.38	\$7,868,565.57	\$7,951,420.76	\$8,034,275.95	\$8,117,131.14	\$8,200,000.00	\$8,282,855.19	\$8,365,710.38	\$8,448,565.57	\$8,531,420.76	\$8,614,275.95	\$8,697,131.14	\$8,780,000.00	\$8,862,855.19	\$8,945,710.38	\$9,028,565.57	\$9,111,420.76	\$9,194,275.95	\$9,277,131.14	\$9,360,000.00	\$9,442,855.19	\$9,525,710.38	\$9,608,565.57	\$9,691,420.76	\$9,774,275.95	\$9,857,131.14	\$9,940,000.00	\$10,022,855.19	\$10,105,710.38	\$10,188,565.57	\$10,271,420.76	\$10,354,275.95	\$10,437,131.14	\$10,520,000.00	\$10,602,855.19	\$10,685,710.38	\$10,768,565.57	\$10,851,420.76	\$10,934,275.95	\$11,017,131.14	\$11,100,000.00	\$11,182,855.19	\$11,265,710.38	\$11,348,565.57	\$11,431,420.76	\$11,514,275.95	\$11,597,131.14	\$11,680,000.00	\$11,762,855.19	\$11,845,710.38	\$11,928,565.57	\$12,011,420.76	\$12,094,275.95	\$12,177,131.14	\$12,260,000.00	\$12,342,855.19	\$12,425,710.38	\$12,508,565.57	\$12,591,420.76	\$12,674,275.95	\$12,757,131.14	\$12,840,000.00	\$12,922,855.19	\$13,005,710.38	\$13,088,565.57	\$13,171,420.76	\$13,254,275.95	\$13,337,131.14	\$13,420,000.00	\$13,502,855.19	\$13,585,710.38	\$13,668,565.57	\$13,751,420.76	\$13,834,275.95	\$13,917,131.14	\$14,000,000.00	\$14,082,855.19	\$14,165,710.38	\$14,248,565.57	\$14,331,420.76	\$14,414,275.95	\$14,497,131.14	\$14,580,000.00	\$14,662,855.19	\$14,745,710.38	\$14,828,565.57	\$14,911,420.76	\$14,994,275.95	\$15,077,131.14	\$15,160,000.00	\$15,242,855.19	\$15,325,710.38	\$15,408,565.57	\$15,491,420.76	\$15,574,275.95	\$15,657,131.14	\$15,740,000.00	\$15,822,855.19	\$15,905,710.38	\$15,988,565.57	\$16,071,420.76	\$16,154,275.95	\$16,237,131.14	\$16,320,000.00	\$16,402,855.19	\$16,485,710.38	\$16,568,565.57	\$16,651,420.76	\$16,734,275.95	\$16,817,131.14	\$16,900,000.00	\$16,982,855.19	\$17,065,710.38	\$17,148,565.57	\$17,231,420.76	\$17,314,275.95	\$17,397,131.14	\$17,480,000.00	\$17,562,855.19	\$17,645,710.38	\$17,728,565.57	\$17,811,420.76	\$17,894,275.95	\$17,977,131.14	\$18,060,000.00	\$18,142,855.19	\$18,225,710.38	\$18,308,565.57	\$18,391,420.76	\$18,474,275.95	\$18,557,131.14	\$18,640,000.00	\$18,722,855.19	\$18,805,710.38	\$18,888,565.57	\$18,971,420.76	\$19,054,275.95	\$19,137,131.14	\$19,220,000.00	\$19,302,855.19	\$19,385,710.38	\$19,468,565.57	\$19,551,420.76	\$19,634,275.95	\$19,717,131.14	\$19,800,000.00	\$19,882,855.19	\$19,965,710.38	\$20,048,565.57	\$20,131,420.76	\$20,214,275.95	\$20,297,131.14	\$20,380,000.00	\$20,462,855.19	\$20,545,710.38	\$20,628,565.57	\$20,711,420.76	\$20,794,275.95	\$20,877,131.14	\$20,960,000.00	\$21,042,855.19	\$21,125,710.38	\$21,208,565.57	\$21,291,420.76	\$21,374,275.95	\$21,457,131.14	\$21,540,000.00	\$21,622,855.19	\$21,705,710.38	\$21,788,565.57	\$21,871,420.76	\$21,954,275.95	\$22,037,131.14	\$22,120,000.00	\$22,202,855.19	\$22,285,710.38	\$22,368,565.57	\$22,451,420.76	\$22,534,275.95	\$22,617,131.14	\$22,700,000.00	\$22,782,855.19	\$22,865,710.38	\$22,948,565.57	\$23,031,420.76	\$23,114,275.95	\$23,197,131.14	\$23,280,000.00	\$23,362,855.19	\$23,445,710.38	\$23,528,565.57	\$23,611,420.76	\$23,694,275.95	\$23,777,131.14	\$23,860,000.00	\$23,942,855.19	\$24,025,710.38	\$24,108,565.57	\$24,191,420.76	\$24,274,275.95	\$24,357,131.14	\$24,440,000.00	\$24,522,855.19	\$24,605,710.38	\$24,688,565.57	\$24,771,420.76	\$24,854,275.95	\$24,937,131.14	\$25,020,000.00	\$25,102,855.19	\$25,185,710.38	\$25,268,565.57	\$25,351,420.76	\$25,434,275.95	\$25,517,131.14	\$25,600,000.00	\$25,682,855.19	\$25,765,710.38	\$25,848,565.57	\$25,931,420.76	\$26,014,275.95	\$26,097,131.14	\$26,180,000.00	\$26,262,855.19	\$26,345,710.38	\$26,428,565.57	\$26,511,420.76	\$26,594,275.95	\$26,677,131.14	\$26,760,000.00	\$26,842,855.19	\$26,925,710.38	\$27,008,565.57	\$27,091,420.76	\$27,174,275.95	\$27,257,131.14	\$27,340,000.00	\$27,422,855.19	\$27,505,710.38	\$27,588,565.57	\$27,671,420.76	\$27,754,275.95	\$27,837,131.14	\$27,920,000.00	\$28,002,855.19	\$28,085,710.38	\$28,168,565.57	\$28,251,420.76	\$28,334,275.95	\$28,417,131.14	\$28,500,000.00	\$28,582,855.19	\$28,665,710.38	\$28,748,565.57	\$28,831,420.76	\$28,914,275.95	\$29,000,000.00	\$29,082,855.19	\$29,165,710.38	\$29,248,565.57	\$29,331,420.76	\$29,414,275.95	\$29,497,131.14	\$29,580,000.00	\$29,662,855.19	\$29,745,710.38	\$29,828,565.57	\$29,911,420.76	\$30,000,000.00	\$30,082,855.19	\$30,165,710.38	\$30,248,565.57	\$30,331,420.76	\$30,414,275.95	\$30,497,131.14	\$30,580,000.00	\$30,662,855.19	\$30,745,710.38	\$30,828,565.57	\$30,911,420.76	\$31,000,000.00	\$31,082,855.19	\$31,165,710.38	\$31,248,565.57	\$31,331,420.76	\$31,414,275.95	\$31,497,131.14	\$31,580,000.00	\$31,662,855.19	\$31,745,710.38	\$31,828,565.57	\$31,911,420.76	\$32,000,000.00	\$32,082,855.19	\$32,165,710.38	\$32,248,565.57	\$32,331,420.76	\$32,414,275.95	\$32,497,131.14	\$32,580,000.00	\$32,662,855.19	\$32,745,710.38	\$32,828,565.57	\$32,911,420.76	\$33,000,000.00	\$33,082,855.19	\$33,165,710.38	\$33,248,565.57	\$33,331,420.76	\$33,414,275.95	\$33,497,131.14	\$33,580,000.00	\$33,662,855.19	\$33,745,710.38	\$33,828,565.57	\$33,911,420.76	\$34,000,000.00	\$34,082,855.19	\$34,165,710.38	\$34,248,565.57	\$34,331,420.76	\$34,414,275.95	\$34,497,131.14	\$34,580,000.00	\$34,662,855.19	\$34,745,710.38	\$34,828,565.57	\$34,911,420.76	\$35,000,000.00	\$35,082,855.19	\$35,165,710.38	\$35,248,565.57	\$35,331,420.76	\$35,414,275.95	\$35,497,131.14	\$35,580,000.00	\$35,662,855.19	\$35,745,710.38	\$35,828,565.57	\$35,911,420.76	\$36,000,000.00	\$36,082,855.19	\$36,165,710.38	\$36,248,565.57	\$36,331,420.76	\$36,414,275.95	\$36,497,131.14	\$36,580,000.00	\$36,662,855.19	\$36,745,710.38	\$36,828,565.57	\$36,911,420.76	\$37,000,000.00	\$37,082,855.19	\$37,165,710.38	\$37,248,565.57	\$37,331,420.76	\$37,414,275.95	\$37,497,131.14	\$37,580,000.00	\$37,662,855.19	\$37,745,710.38	\$37,828,565.57	\$37,911,420.76	\$38,000,000.00	\$38,082,855.19	\$38,165,710.38	\$38,248,565.57	\$38,331,420.76	\$38,414,275.95	\$38,497,131.14	\$38,580,000.00	\$38,662,855.19	\$38,745,710.38	\$38,828,565.57	\$38,911,420.76	\$39,000,000.00	\$39,082,855.19	\$39,165,710.38	\$39,248,565.57	\$39,331,420.76	\$39,414,275.95	\$39,497,131.14	\$39,580,000.00	\$39,662,855.19	\$39,745,710.38	\$39,828,565.57	\$39,911,420.76	\$40,000,000.00	\$40,082,855.19	\$40,165,710.38	\$40,248,565.57	\$40,331,420.76	\$40,414,275.95	\$40,497,131.14	\$40,580,000.00	\$40,662,855.19	\$40,745,710.38	\$40,828

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

PROJECT 1 Arrabeh Well Pump Station - Rehabilitation and Infrastructure Improvements

	USD
Original Total Contract Value Less Day Work:	\$6,516,970.57
Original Total Contract Value Less Day Work:	\$6,516,970.00
Original Total Contract Value Less Day Work VOM:	\$6,321,324.84
Revised Total Contract Value Less Day Work VOM:	\$6,177,588.16
Revised Total Contract Value Less Day Work VOM:	\$6,271,986.71
NTP (Notice to Proceed)	23-Oct-13
Duration of Contract:	505 CD
Revised Contract Duration VOM:	577 CD
Revised Contract Duration VOM:	749 CD
Completion Date:	28-Apr-15
Revised Completion Date VOM:	22-May-15
Revised Completion Date VOM:	10-Nov-15
Data Date:	1-Nov-15

PROJECT 2 Sanur Well Pump Station - Rehabilitation and Infrastructure Improvements

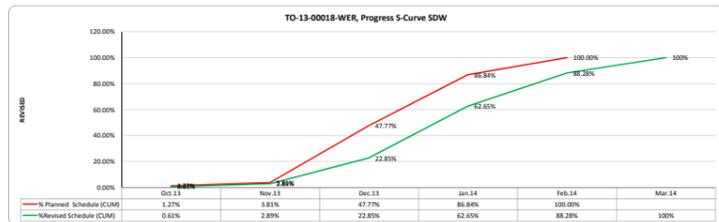
	USD
Original Total Contract Value Less Day Work:	\$7,011,251.36
Original Total Contract Value without Day Work for Project 2 (Sanur)	\$7,011,251.00
Revised Total Contract Value Less Day Work as per VO #4:	\$7,157,158.04
Revised Total Contract Value Less Day Work as per VO #6:	\$6,962,812.84
Revised Total Contract Value Less Day Work as per VO #8:	\$7,144,911.06
Revised Total Contract Value Less Day Work as per VO #9:	\$7,076,476.17
NTP (Notice to Proceed)	23-Oct-13
Original Duration of Contract:	505 CD
Original Completion Date:	28-Apr-15
Revised Duration of Contract as per VO #4:	577 CD
Revised Completion Date as per VO #4:	22-May-15
Revised Duration of Contract as per VO #6:	603 CD
Revised Completion Date as per VO #6:	15-Sep-15
Revised Duration of Contract as per VO #8:	782 CD
Revised Completion Date as per VO #8:	24-Oct-15
Revised Duration of Contract as per VO #9:	729 CD
Revised Completion Date as per VO #9:	31-Oct-15
Data Date:	1-Nov-15

PROJECT 3 Saadeh Well Pump Station - Rehabilitation

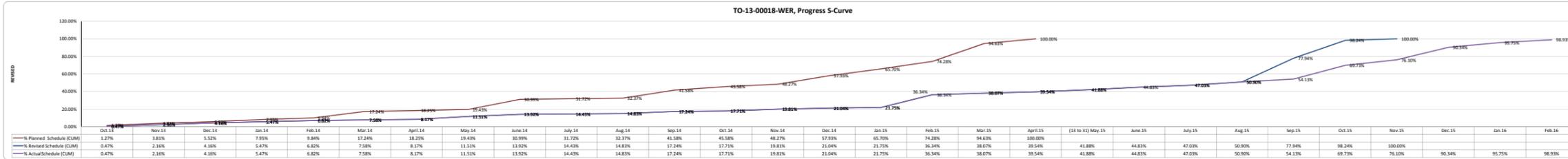
	USD
Original Total Contract Value Less Day Work:	\$493,834.98
Original Total Contract Value without Day Work for Project 3 (Saadeh)	\$493,835.00
Revised Total Contract Value Less Day Work as per VO #3 :	\$376,334.82
NTP (Notice to Proceed)	23-Oct-13
Original Duration of Contract:	130 CD
Original Completion Date:	19-Feb-14
Revised Duration of Contract as per VO #2	140 CD
Revised Completion Date as per VO #2 :	11-Mar-14
Data Date:	13-May-15

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

	USD
Total Contract Value Less Day Work:	\$14,021,896.91
Day Work Value:	\$700,000.00
Total Contract Value Including Day Work:	\$14,721,896.91
Revised Total Contract Value Less Day Work:	\$13,364,556.73
Day Work Value as per VO #8:	\$811,300.18
Revised Total Contract Value Less Day Work as per VO #4:	\$14,050,462.86
Day Work Value:	\$671,394.05
Total Contract Value Including Day Work:	\$14,721,896.91



	Oct 13	Nov 13	Dec 13	Jan 14	Feb 14	Mar 14	April 14	May 14	June 14	July 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14	Jan 15	Feb 15	Mar 15	April 15	(13 to 31) May 15	June 15	July 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	TOTAL		
Planned Schedule Value	\$178,055.32	\$336,110.65	\$239,531.63	\$340,861.76	\$265,830.41	\$1,036,560.88	\$142,064.98	\$165,787.18	\$1,421,107.65	\$102,526.35	\$91,263.33	\$1,291,207.84	\$861,137.67	\$177,298.76	\$1,355,243.65	\$1,089,354.97	\$1,201,071.89	\$2,851,307.27	\$752,921.71													\$14,021,896.91
Revised Schedule Value	\$65,599.25	\$234,612.99	\$46,694.01	\$182,267.20	\$186,694.01	\$1,066,550.45	\$81,860.67	\$464,304.94	\$333,861.32	\$72,014.74	\$14,773.50	\$335,898.68	\$64,623.65	\$292,569.32	\$170,907.18	\$98,822.64	\$2,026,883.47	\$241,058.49	\$204,110.62	\$324,411.64	\$410,017.78	\$306,079.33	\$538,390.88	\$3,758,434.88	\$2,820,678.42	\$245,186.31				\$13,898,838.04		
% Planned Schedule (CUM)	1.27%	2.54%	1.71%	2.43%	1.89%	7.39%	1.01%	1.18%	11.56%	0.72%	0.65%	9.21%	4.00%	2.69%	6.67%	7.77%	8.58%	20.35%	5.37%												100.00%	
% Revised Schedule (CUM)	0.47%	1.27%	0.81%	2.81%	2.94%	17.24%	19.43%	30.99%	31.72%	32.37%	32.37%	41.58%	45.58%	48.27%	57.89%	65.70%	74.28%	94.83%	100.00%													100.00%
% Planned Schedule (CUM)	0.47%	2.16%	4.16%	5.47%	6.82%	7.58%	8.17%	11.51%	13.82%	14.43%	14.83%	17.24%	17.71%	19.81%	21.04%	21.75%	21.75%	36.34%	38.07%	39.54%	41.88%	44.83%	47.03%	50.90%	54.13%	57.94%	60.24%	62.29%	64.13%	65.93%	68.93%	
% Revised Schedule (CUM)	0.47%	2.16%	4.16%	5.47%	6.82%	7.58%	8.17%	11.51%	13.82%	14.43%	14.83%	17.24%	17.71%	19.81%	21.04%	21.75%	21.75%	36.34%	38.07%	39.54%	41.88%	44.83%	47.03%	50.90%	54.13%	57.94%	60.24%	62.29%	64.13%	65.93%	68.93%	



SNW 22.3 Site Memos 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.

NOA Date: September 23, 2014
 NTP Date: October 25, 2014
 Current as Date: March 6, 2016

Site Memoranda From Engineer To Contractor (SM)

Number	Description/Subject	Date Received	Response Date	Comments
SM-13-00018-SNW-E-C-043	Sanur Well and Booster Pumps Operation Observations	February 11, 2016		SM is referred to SNW Project
SM-13-00018-ARW-E-C-044	Arraba Booster Pumps Operation Observations.	February 15, 2016		SM is referred to ARW Project
SM-13-00018-ARW-E-C-045	SM-13-00018-ARW-E-C-045-Arraba Well Pump Motor's Test Results	February 18, 2016		SM is referred to ARW Project
SM-13-00018-ARW-E-C-046	Third Party Field Test Results	February 18, 2016		SM is referred to ARW Project

SNW 22.4 Material & Equipment Delivered to Site 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.

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	February 1, 2016	None	-	-
2	February 2, 2016	None	-	-
3	February 3, 2016	None	-	-
4	February 4, 2016	None	-	-
5	February 5, 2016	None	-	-
6	February 6, 2016	None	-	-
7	February 7, 2016	None	-	-
8	February 8, 2016	None	-	-
9	February 9, 2016	None	-	-
10	February 10, 2016	None	-	-
11	February 11, 2016	None	-	-
12	February 12, 2016	None	-	-
13	February 13, 2016	None	-	-
14	February 14, 2016	None	-	-
15	February 15, 2016	None	-	-
16	February 16, 2016	Concrete B350	45 m ³	Arraba Well
17	February 17, 2016	None	-	-
18	February 18, 2016	Concrete B350	8 m ³	Arraba Well
19	February 19, 2016	None	-	-
20	February 20, 2016	None	-	-
21	February 21, 2016	None	-	-
22	February 22, 2016	None	-	-
23	February 23, 2016	None	-	-
24	February 24, 2016	None	-	-
25	February 25, 2016	None	-	-
26	February 26, 2016	None	-	-
27	February 27, 2016	None	-	-
28	February 28, 2016	None	-	-
29	February 29, 2016	None	-	-

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	February 1, 2016	None	-	-
2	February 2, 2016	None	-	-
3	February 3, 2016	None	-	-
4	February 4, 2016	None	-	-
5	February 5, 2016	None	-	-
6	February 6, 2016	None	-	-
7	February 7, 2016	None	-	-
8	February 8, 2016	None	-	-
9	February 9, 2016	None	-	-
10	February 10, 2016	None	-	-
11	February 11, 2016	None	-	-
12	February 12, 2016	None	-	-
13	February 13, 2016	None	-	-
14	February 14, 2016	None	-	-
15	February 15, 2016	None	-	-
16	February 16, 2016	None	-	-
17	February 17, 2016	None	-	-
18	February 18, 2016	None	-	-
19	February 19, 2016	None	-	-
20	February 20, 2016	None	-	-
21	February 21, 2016	None	-	-
22	February 22, 2016	None	-	-
23	February 23, 2016	None	-	-
24	February 24, 2016	None	-	-
25	February 25, 2016	None	-	-
26	February 26, 2016	None	-	-
27	February 27, 2016	None	-	-
28	February 28, 2016	None	-	-
29	February 29, 2016	None	-	-
30	January 30, 2016	None	-	-
31	January 31, 2016	None	-	-



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	February 1, 2016	JCB Back Hole-1993-1			1
2		Steel Compactor			2
3		Mercedes 416-2002	1	8	
4		Rig			1
5		Level			1
6		Total Station			1
7		Concrete Vibrator			1
8		Crane			1
9	February 2, 2016	JCB Back Hole-1993-1	1	4	
10		Steel Compactor			2
11		Mercedes 416-2002	1	8	
12		Rig			1
13		Level			1
14		Total Station			1
15		Concrete Vibrator			1
16		Crane			1
17	February 3, 2016	JCB Back Hole-1993-1	1	8	
18		Steel Compactor			2
19		Mercedes 416-2002	1	8	
20		Rig			1
21		Tractor	1	8	
22		Level			1
23		Total Station			1
24		Concrete Vibrator			1
25	Crane			1	
26	February 4, 2016	JCB Back Hole-1993-1	1	8	
27		Steel Compactor			2
28		Mercedes 416-2002	1	8	
29		Rig	1	8	
30		Tractor	1	8	
31		Level			1
32		Total Station			1
33		Concrete Vibrator			1
34	Crane	1	8		
35		JCB Back Hole-1993-1			1
36		Steel Compactor			2
37		Mercedes 416-2002			

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
38	February 5, 2016	Rig			1
39		Level			1
40		Total Station			1
41		Concrete Vibrator			1
42		Crane			1
43	February 6, 2016	JCB Back Hole-1993-1			1
44		Steel Compactor			2
45		Mercedes 416-2002	1	8	
46		Rig	1	8	
47		Level			1
48		Total Station			1
49		Concrete Vibrator			1
50		Crane	1	8	
51	February 7, 2016	JCB Back Hole-1993-1			1
52		Steel Compactor			2
53		Mercedes 416-2002	1	8	
54		Rig			1
55		Level			1
56		Total Station			1
57		Concrete Vibrator			1
58		Crane			1
59	February 8, 2016	JCB Back Hole-1993-1			1
60		Steel Compactor			1
61		Mitsubishi L200-2007	1	8	
62		Diesel Generator			1
63		Level			1
64		Total Station			1
65		Concrete Vibrator			1
66	February 9, 2016	JCB Back Hole-1993-1			1
67		Steel Compactor			2
68		Mercedes 416-2002	1	8	
69		Rig	1	8	
70		Level			1
71		Total Station			1
72		Concrete Vibrator			1
73		Crane	1	8	
74	February 10, 2016	JCB Back Hole-1993-1	1	4	1
75		Steel Compactor	1	5	1
76		Mercedes 416-2002	1	8	
77		Rig	1	9	
78		Level			1
79		Total Station			1
80		Concrete Vibrator			1
81			Crane	1	9
82		JCB Back Hole-1993-1	1	4	1
83		Steel Compactor	1	4	1

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
84	February 11, 2016	Mercedes 416-2002	1	8	
85		Rig	1	8	
86		Level			1
87		Total Station			1
88		Concrete Vibrator			1
89		Crane	1	8	
90	February 12, 2016	JCB Back Hole-1993-1	1	4	1
91		Steel Compactor	1	4	1
92		Mercedes 416-2002	1	8	
93		Rig			1
94		Level			1
95		Total Station			1
96		Concrete Vibrator			1
97		Crane			1
98	February 13, 2016	JCB Back Hole-1993-1	1	5	1
99		Steel Compactor	1	3	1
100		Mercedes 416-2002	1	8	
101		Rig			1
102		Level			1
103		Total Station			1
104		Concrete Vibrator			1
105		Crane			1
106	February 14, 2016	JCB Back Hole-1993-1	1	8	1
107		Steel Compactor	1	4	1
108		Mercedes 416-2002	1	8	
109		Rig			1
110		Level			1
111		Total Station			1
112		Concrete Vibrator			1
113		Crane			1
114	February 15, 2016	JCB Back Hole-1993-1			1
115		Steel Compactor	1	2	
116		Mercedes 416-2002	1	8	
117		Rig	1	8	
118		Level			1
119		Total Station			1
120		Concrete Vibrator			1
121		Crane	1	8	
122	February 16, 2016	JCB Back Hole-1993-1			2
123		Steel Compactor			2
124		Mercedes 416-2002	1	8	
125		Rig			1
126		Level			1
127		Total Station			1
128		Concrete Vibrator			1
129		Crane	1	3	

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
130	February 17, 2016	JCB Back Hole-1993-1			1
131		Steel Compactor			1
132		Mitsubishi L200-2007	1	8	
133		Diesel Generator			1
134		Level			1
135		Total Station			1
136		Concrete Vibrator			1
137	February 18, 2016	JCB Back Hole-1993-1			1
138		Steel Compactor			2
139		Mercedes 416-2002	1	8	
140		Rig			1
141		Level			1
142		Total Station			1
143		Concrete Vibrator	1	1	
144		Crane			
145	February 19, 2016	JCB Back Hole-1993-1			1
146		Steel Compactor			2
147		Mercedes 416-2002	1	2	
148		Rig			1
149		Level			1
150		Total Station			1
151		Concrete Vibrator			1
152		Crane			
153	February 20, 2016	JCB Back Hole-1993-1	1	6	
154		Steel Compactor			2
155		Mercedes 416-2002	1	8	
156		Rig			1
157		Level			1
158		Total Station			1
159		Concrete Vibrator	1	1	
160		Truck	1	6	
161	February 21, 2016	JCB Back Hole-1993-1			2
162		Steel Compactor			2
163		Mercedes 416-2002	1	8	
164		Rig			1
165		Level			1
166		Total Station			1
167		Concrete Vibrator			1
168	February 22, 2016	JCB Back Hole-1993-1			2
169		Steel Compactor			2
170		Mercedes 416-2002	1	8	
171		Rig			1
172		Level			1
173		Total Station			1
174		Concrete Vibrator			1
175		JCB Back Hole-1993-1			2

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
176	February 23, 2016	Steel Compactor			2
177		Mercedes 416-2002	1	8	
178		Rig			1
179		Level			1
180		Total Station			1
181		Concrete Vibrator			1
182	February 24, 2016	JCB Back Hole-1993-1			1
183		Steel Compactor			1
184		Mercedes 416-2002	1	8	
185		Rig			1
186		Level			1
187		Total Station			1
188	Concrete Vibrator			1	
189	February 25, 2016	JCB Back Hole-1993-1			1
190		Steel Compactor			1
191		Mercedes 416-2002	1	8	
192		Rig			1
193		Level			1
194		Total Station			1
195	Concrete Vibrator			1	
196	February 26, 2016	JCB Back Hole-1993-1			1
197		Steel Compactor			1
198		Mercedes 416-2002	1	8	
199		Rig			1
200		Level			1
201		Total Station			1
202	Concrete Vibrator			1	
203	February 27, 2016	JCB Back Hole-1993-1			1
204		Steel Compactor			1
205		Mercedes 416-2002	1	8	
206		Rig			1
207		Level			1
208		Total Station			1
209	Concrete Vibrator			1	
210	February 28, 2016	JCB Back Hole-1993-1			1
211		Steel Compactor	1	5	
212		Mercedes 416-2002	1	8	
213		Grader	1	5	
214		Level			1
215		Total Station			1
216	Concrete Vibrator			1	
217	Water Tank	1	5		
218	February 29, 2016	JCB Back Hole-1993-1			1
219		Steel Compactor	1	3	
220		Mercedes 416-2002	1	8	
221		Level			1

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
222		Total Station			1
223		Concrete Vibrator			1

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	February 1, 2016	JCB Back Hole-1993-1			1
2		Steel Compactor			1
3		Mitsubishi L200-2007	1	8	
4		Diesel Generator			1
5		Level			1
6		Total Station			1
7		Concrete Vibrator			1
8	February 2, 2016	JCB Back Hole-1993-1			1
9		Steel Compactor			1
10		Mitsubishi L200-2007	1	8	
11		Diesel Generator			1
12		Level			1
13		Total Station			1
14		Concrete Vibrator			1
15	February 3, 2016	JCB Back Hole-1993-1			1
16		Steel Compactor			1
17		Mitsubishi L200-2007	1	8	
18		Diesel Generator			1
19		Level			1
20		Total Station			1
21		Concrete Vibrator			1
22	February 4, 2016	JCB Back Hole-1993-1			1
23		Steel Compactor			1
24		Mitsubishi L200-2007	1	8	
25		Diesel Generator			1
26		Level			1
27		Total Station			1
28		Concrete Vibrator			1
29	February 5, 2016	JCB Back Hole-1993-1			1
30		Steel Compactor			1
31		Mitsubishi L200-2007			
32		Diesel Generator			1
33		Level			1
34		Total Station			1
35		Concrete Vibrator			1
36	February 6, 2016	JCB Back Hole-1993-1			1
37		Steel Compactor			1
38		Mitsubishi L200-2007	1	8	
39		Diesel Generator			1
40		Level			1

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
41	February 7, 2016	Total Station			1
42		Concrete Vibrator			1
43		JCB Back Hole-1993-1			1
44		Steel Compactor			1
45		Mitsubishi L200-2007	1	8	
46		Diesel Generator			1
47		Level			1
48		Total Station			1
49		Concrete Vibrator			1
50	February 8, 2016	JCB Back Hole-1993-1			1
51		Steel Compactor			1
52		Mitsubishi L200-2007	1	8	
53		Diesel Generator			1
54		Level			1
55		Total Station			1
56		Concrete Vibrator			1
57	February 9, 2016	JCB Back Hole-1993-1			1
58		Steel Compactor			1
59		Mitsubishi L200-2007	1	8	
60		Diesel Generator			1
61		Level			1
62		Total Station			1
63		Concrete Vibrator			1
64	February 10, 2016	JCB Back Hole-1993-1			1
65		Steel Compactor			1
66		Mitsubishi L200-2007	1	8	
67		Diesel Generator			1
68		Level			1
69		Total Station			1
70		Concrete Vibrator			1
71	February 11, 2016	JCB Back Hole-1993-1			1
72		Steel Compactor			1
73		Mitsubishi L200-2007	1	8	
74		Diesel Generator			1
75		Level			1
76		Total Station			1
77		Concrete Vibrator			1
78	February 12, 2016	JCB Back Hole-1993-1			1
79		Steel Compactor			1
80		Mitsubishi L200-2007			
81		Diesel Generator			1
82		Level			1
83		Total Station			1
84		Concrete Vibrator			1
85	February 13, 2016	JCB Back Hole-1993-1			1
86		Steel Compactor			1
87		Mitsubishi L200-2007	1	8	
88		Diesel Generator			1

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
89		Level			1
90		Total Station			1
91		Concrete Vibrator			1
92	February 14, 2016	JCB Back Hole-1993-1			1
93		Steel Compactor			1
94		Mitsubishi L200-2007	1	8	
95		Diesel Generator			1
96		Level			1
97		Total Station			1
98		Concrete Vibrator			1
99	February 15, 2016	JCB Back Hole-1993-1			1
100		Steel Compactor			1
101		Mitsubishi L200-2007	1	8	
102		Diesel Generator			1
103		Level			1
104		Total Station			1
105		Concrete Vibrator			1
106	February 16, 2016	JCB Back Hole-1993-1			1
107		Steel Compactor			1
108		Mitsubishi L200-2007	1	8	
109		Diesel Generator			1
110		Level			1
111		Total Station			1
112		Concrete Vibrator			1
113	February 17, 2016	JCB Back Hole-1993-1			1
114		Steel Compactor			1
115		Mitsubishi L200-2007	1	8	
116		Diesel Generator			1
117		Level			1
118		Total Station			1
119		Concrete Vibrator			1
120	February 18, 2016	JCB Back Hole-1993-1			1
121		Steel Compactor			1
122		Mitsubishi L200-2007	1	8	
123		Diesel Generator			1
124		Level			1
125		Total Station			1
126		Concrete Vibrator			1
127	February 19, 2016	JCB Back Hole-1993-1			1
128		Steel Compactor			1
129		Mitsubishi L200-2007			
130		Diesel Generator			1
131		Level			1
132		Total Station			1
133		Concrete Vibrator			1
134		JCB Back Hole-1993-1			1
135		Steel Compactor			1
136		Mitsubishi L200-2007	1	8	

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
137	February 20, 2016	Diesel Generator			1
138		Level			1
139		Total Station			1
140		Concrete Vibrator			1
141	February 21, 2016	JCB Back Hole-1993-1			1
142		Steel Compactor			1
143		Mitsubishi L200-2007	1	8	
144		Diesel Generator			1
145		Level			1
146		Total Station			1
147		Concrete Vibrator			1
148	February 22, 2016	JCB Back Hole-1993-1			1
149		Steel Compactor			1
150		Mitsubishi L200-2007	1	8	
151		Diesel Generator			1
152		Level			1
153		Total Station			1
154		Concrete Vibrator			1
155	February 23, 2016	JCB Back Hole-1993-1			1
156		Steel Compactor			1
157		Mitsubishi L200-2007	1	8	
158		Diesel Generator			1
159		Level			1
160		Total Station			1
161		Concrete Vibrator			1
162	February 24, 2016	JCB Back Hole-1993-1			1
163		Steel Compactor			1
164		Mitsubishi L200-2007	1	8	
165		Diesel Generator			1
166		Level			1
167		Total Station			1
168		Concrete Vibrator			1
169	February 25, 2016	JCB Back Hole-1993-1			1
170		Steel Compactor			1
171		Mitsubishi L200-2007	1	8	
172		Diesel Generator			1
173		Level			1
174		Total Station			1
175		Concrete Vibrator			1
176	February 26, 2016	JCB Back Hole-1993-1			1
177		Steel Compactor			1
178		Mitsubishi L200-2007	1	8	
179		Diesel Generator			1
180		Level			1
181		Total Station			1
182		Concrete Vibrator			1
183		JCB Back Hole-1993-1			1
184		Steel Compactor			1

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
185	February 27, 2016	Mitsubishi L200-2007	1	8	
186		Diesel Generator			1
187		Level			1
188		Total Station			1
189		Concrete Vibrator			1
190	February 28, 2016	JCB Back Hole-1993-1			1
191		Steel Compactor			1
192		Mitsubishi L200-2007	1	8	
193		Diesel Generator			1
194		Level			1
195		Total Station			1
196	Concrete Vibrator			1	
197	February 29, 2016	JCB Back Hole-1993-1			1
198		Steel Compactor			1
199		Mitsubishi L200-2007	1	8	
200		Diesel Generator			1
201		Level			1
202		Total Station			1
203		Concrete Vibrator			1

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
		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					2nd Inspection	
No.	Request Date	Date Inspection Required	Description of Works Inspected	Response Date	Grade	Response Date	Grade
IR-13-00018-WER-094-B	February 1, 2016	February 1, 2016	Inspecting Aluminum Window Frames as per attached MRR	February 1, 2016	A		
IR-13-00018-WER-102-C	February 11, 2016	February 11, 2016	Inspecting Louver Steel Doors for EMR & CS Buildings as per attached MRR.	February 11, 2016	A		
IR-13-00018-WER-141-B	February 21, 2016	February 21, 2016	Inspecting Flanged and Threaded Ball Valve as per attached MRR	February 21, 2016	A		
IR-13-00018-WER-147-B	February 29, 2016	February 29, 2016	Inspecting Permanent Signs for Arraba and Sanur Projects as per attached MRR				
IR-13-00018-WER-155-A	February 2, 2016	February 2, 2016	Inspecting Fluorescent Luminaires accessories as per attached MRR to close SM-13-00018-SNW-E-C-031	February 2, 2016	A		
IR-13-00018-WER-156-A	February 8, 2016	February 8, 2016	Inspection Compliance of Environmental Status with Contract Requirements for December 2015-Environmental Check List	February 8, 2016	A		

	Color	
		Amend-Resubmit
		No Exceptions Noted
		Pending

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	Response Date	Grade	2nd Inspection	
						Response Date	Grade
IR-13-00018-ARW-620-B	February 29, 2016	February 29, 2016	Inspecting access road Base course levels – Second layer	February 29, 2016	A		
IR-13-00018-ARW-624-A	February 2, 2016	February 2, 2016	Inspecting installed site Light for Pole # PL4	February 2, 2016	A		
IR-13-00018-ARW-625-A	February 9, 2016	February 9, 2016	Inspecting level of the compacted Substrata layer for Area 5-1	February 9, 2016	A		
IR-13-00018-ARW-626-A	February 11, 2016	February 14, 2016	Inspect the installed Circuit breaker MCCB 630 Amp as per VO-13-00018-WER-009	February 14, 2016	C		
IR-13-00018-ARW-627-A	February 11, 2016	February 14, 2016	Inspecting installation and termination of Booster Control Valves-Electrical .	February 14, 2016	A		
IR-13-00018-ARW-628-A	February 11, 2016	February 14, 2016	Inspecting installation and termination of exposed conduit for booster/transmission pump system	February 14, 2016	A		
IR-13-00018-ARW-629-A	February 11, 2016	February 14, 2016	Inspecting installation of panel board, lights, receptacles and instrumentation system for LQ Building	February 14, 2016	C		
IR-13-00018-ARW-629-A	February 16, 2016	February 16, 2016	Inspecting installation of panel board, lights, receptacles and instrumentation system for LQ Building	February 16, 2016	A		
IR-13-00018-ARW-630-A	February 11, 2016	February 11, 2016	Inspecting level of the compacted Substrata layer for Area 5-2	February 11, 2016	A		
IR-13-00018-ARW-631-A	February 11, 2016	February 13, 2016	Inspecting level of the compacted Subgrade layer for Area 5-1 and 5-2	February 13, 2016	A		
IR-13-00018-ARW-632-A	February 14, 2016	February 14, 2016	Inspecting Earthing System for Arraba Project	February 14, 2016	C		
IR-13-00018-ARW-632-B	February 28, 2016	February 28, 2016	Inspecting Earthing System for Arraba Project	February 29, 2016	A		
IR-13-00018-ARW-633-A	February 15, 2016	February 15, 2016	Inspecting level of the compacted Base Course layer for Area 5-1 and 5-2	February 15, 2016	A		
IR-13-00018-ARW-634-A	February 16, 2016	February 16, 2016	Inspecting formwork and reinforcement steel for the concrete pavement Area A5 prior to casting concrete.	February 16, 2016	A		
IR-13-00018-ARW-635-A	February 18, 2016	February 20, 2016	Inspecting Furnish and installation of lights, receptacles and instrumentation system for the chlorination building.	February 20, 2016	C		
IR-13-00018-ARW-635-B	February 28, 2016	February 28, 2016	Inspecting Furnish and installation of lights, receptacles and instrumentation system for the chlorination building.	February 29, 2016	A		
IR-13-00018-ARW-636-A	February 18, 2016	February 20, 2016	Inspecting furnish and installation of panel board, lights, receptacles and instrumentation system for electrical meriting building.	February 20, 2016	C		
IR-13-00018-ARW-636-B	February 28, 2016	February 28, 2016	Inspecting furnish and installation of panel board, lights, receptacles and instrumentation system for electrical meriting building.	February 29, 2016	A		
IR-13-00018-ARW-637-A	February 18, 2016	February 18, 2016	Inspecting formwork and reinforcement steel of the well head pad prior to casting concrete – Stage 2.	February 18, 2016	A		
IR-13-00018-ARW-638-A	February 21, 2016	February 22, 2016	Inspecting installed panel board, lights, receptacles and instrumentation system for Electrical and Control Building.	February 22, 2016	A		
IR-13-00018-ARW-639-A	February 24, 2016	February 24, 2016	Inspecting furnish, install and termination of well pump power and control wire, conduits, cables, connection boxes and miscellaneous	February 24, 2016	A		
IR-13-00018-ARW-640-A	February 25, 2016	February 25, 2016	Inspecting installed Intrusion Switch for balance tank.	February 25, 2016	A		
IR-13-00018-ARW-641-A	February 28, 2016	February 28, 2016	Inspecting Lightning Protection System - Pulsar.	February 29, 2016	A		

	Color	
		Amend-Resubmit
		No Exceptions Noted
		Pending

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-SNW-423-C	February 2, 2016	February 2, 2016	Inspect the surface preparation of the retaining wall prior to installing the fence.	February 2, 2016	A			
IR-13-00018-SNW-424-C	February 2, 2016	February 2, 2016	Inspect the surface preparation of the fence wall prior to installing the fence.	February 2, 2016	A			
IR-13-00018-SNW-484-C	February 2, 2016	February 2, 2016	Inspect installation of the plumbing works of the I.Q building	February 2, 2016	A			
IR-13-00018-SNW-485-C	February 2, 2016	February 2, 2016	Inspect installation of the plumbing works of the Chlorination building	February 2, 2016	A			
IR-13-00018-SNW-529-B	February 15, 2016	February 16, 2016	Inspect the SCADA system installation	February 16, 2016	A			
IR-13-00018-SNW-532-A	February 2, 2016	February 2, 2016	Inspect wall and Floor tiles of the Chlorination building to close SM-13-00018-SNW-E-C-026	February 2, 2016	A			
IR-13-00018-SNW-533-A	February 15, 2016	February 15, 2016	Inspect the installation of Jaba flow control valve	February 15, 2016	A			
IR-13-00018-SNW-534-A	February 15, 2016	February 15, 2016	Inspect the installation of Aja flow control valve	February 15, 2016	A			
IR-13-00018-SNW-535-A	February 15, 2016	February 15, 2016	Inspect the installation of Anza flow control valve	February 15, 2016	A			
IR-13-00018-SNW-536-A	February 15, 2016	February 15, 2016	Inspect the installation of the mechanical equipment as per attached drawing.	February 15, 2016	A			
IR-13-00018-SNW-537-A	February 15, 2016	February 15, 2016	Inspect the cleaning and testing of the well piping system	February 15, 2016	A			
IR-13-00018-SNW-538-A	February 15, 2016	February 15, 2016	Inspect the cleaning and testing of utility piping less than 110 mm dia for chlorination building..	February 15, 2016	A			
IR-13-00018-SNW-539-A	February 15, 2016	February 15, 2016	Inspect the cleaning and testing of utility piping greater than and less than 50 mm dia for boosters area.	February 15, 2016	A			
IR-13-00018-SNW-540-A	February 16, 2016	February 16, 2016	Inspect the surface preparation of the BT external walls	February 16, 2016	A			
IR-13-00018-SNW-541-A	February 16, 2016	February 16, 2016	Inspect the Deck guard paint of the BT external walls.	February 16, 2016	A			
IR-13-00018-SNW-542-A	February 16, 2016	February 16, 2016	Inspect the installed doors and windows of all buildings.	February 16, 2016	A			
IR-13-00018-SNW-543-A	February 16, 2016	February 16, 2016	Inspect the gravel pavement around the BT and the buildings.	February 16, 2016	A			
IR-13-00018-SNW-544-A	February 17, 2016	February 18, 2016	Inspect the erosion and sediment control system	February 18, 2016	A			
IR-13-00018-SNW-545-A	February 17, 2016	February 18, 2016	Inspect the installed cat eyes and painting of the main entrance widening.	February 18, 2016	A			
IR-13-00018-SNW-546-A	February 17, 2016	February 18, 2016	Inspect the casted side walk concrete.	February 18, 2016	A			
IR-13-00018-SNW-547-A	February 17, 2016	February 18, 2016	Inspect the is installed metal works at the well head pad.	February 18, 2016	A			
IR-13-00018-SNW-548-A	February 17, 2016	February 18, 2016	Inspect the septic tank coating.	February 18, 2016	A			
IR-13-00018-SNW-549-A	February 17, 2016	February 18, 2016	Inspect the installed grating, hatches and ladders of the constructed vaults.	February 18, 2016	A			
IR-13-00018-SNW-550-A	February 17, 2016	February 18, 2016	Inspect the installed grating inside the electrical and control building.	February 18, 2016	A			
IR-13-00018-SNW-551-A	February 17, 2016	February 18, 2016	Inspect the installed grating inside the electrical metering building.	February 18, 2016	A			
IR-13-00018-SNW-552-A	February 17, 2016	February 18, 2016	Inspect the furnished architectural elements (chairs, bed, desk,..) inside the I.Q building.	February 18, 2016	A			
IR-13-00018-SNW-553-A	February 17, 2016	February 18, 2016	Inspect the backfill around the constructed retaining wall (from St. 0+000 to St. 0+146.36).	February 18, 2016	A			
IR-13-00018-SNW-554-A	February 17, 2016	February 18, 2016	inspect the formwork and steel reinforcement of the foundation of the retaining walls (B-B & C-C).	February 18, 2016	A			
IR-13-00018-SNW-555-A	February 18, 2016	February 18, 2016	Inspect the installed grating, ladders and hatches of the booster area.	February 18, 2016	A			
IR-13-00018-SNW-556-A	February 18, 2016	February 18, 2016	Inspect the Second (final) epoxy paint of mechanical fabrications (spools, elbows, flanges,..).	February 18, 2016	A			
IR-13-00018-SNW-557-A	February 18, 2016	February 18, 2016	Inspecting the subgrade and base course layers (Single Size) of well head and pad.	February 18, 2016	A			
IR-13-00018-SNW-558-A	February 21, 2016	February 21, 2016	Inspecting the subgrade and base course layers of flow metering and control pad (P1).	February 21, 2016	A			
IR-13-00018-SNW-559-A	February 21, 2016	February 21, 2016	Inspecting the subgrade and base course layers of flow metering and control pad (P2).	February 21, 2016	A			
IR-13-00018-SNW-560-A	February 21, 2016	February 22, 2016	Inspecting installation and termination of well pump power and control wire, conduits, cables, connection boxes and miscellaneous.	February 22, 2016	A			
IR-13-00018-SNW-561-A	February 21, 2016	February 22, 2016	Inspecting installed Flow meter, Pressure Transmitter, Pressure switch, Vibration Transmitter and Oiler.	February 22, 2016	A			
IR-13-00018-SNW-562-A	February 21, 2016	February 21, 2016	Inspect the base course and subgrade of the washout manholes (behind and near the balance tank).	February 21, 2016	A			
IR-13-00018-SNW-563-A	February 23, 2016	February 23, 2016	Inspecting installed hatches and grating for Septic and Seepage Tank.	February 23, 2016	A			
IR-13-00018-SNW-564-A	February 23, 2016	February 23, 2016	Inspecting final plastering coat for all internal walls and ceiling of Living Quarter.	February 23, 2016	A			
IR-13-00018-SNW-565-A	February 25, 2016	February 25, 2016	Inspecting installation of wires, conduits, cables, earthing system, lights and receptacles for all buildings (I.Q, E.C, EM & CS) and booster area.	February 25, 2016	A			
IR-13-00018-SNW-566-A	February 28, 2016	February 29, 2016	Inspecting SCADA Functional Test.			Retracted on 29/1/2016		
IR-13-00018-SNW-567-A	February 29, 2016	February 29, 2016	Inspect the installation of the temporary duct bank & manhole	February 29, 2016	A			

SNW 22.6 Submittals Log

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Submittal Categories	Product Details	Submittal Classification	Phase	Identifiers	Resubmittal Alpha Identifier	Submittal Disposition/Color Coding
PD	PRODUCT DATA	PCS	Preconstruction	WER: WER-0018-001-A ARW: Project 1 Identifier SNW: Project 2 Identifier SNW: Project 3 Identifier	First Submittal: WER-0018-001-A First Resubmittal: WER-0018-001-B Second Resubmittal: WER-0018-001-C	A: No Exceptions Noted B: Minor Corrections Noted C: Approval and Resubmit D: Rejected - Resubmit E: Review Not Required F: Submittal Pending Response
SD	SHOP DRAWINGS	CONS	Construction			
AD	ADMINISTRATIVE/OTHER	PSTS	Post construction			
TR	TEST REPORT					
SCM	SCHEDULE					
RPT	REPORT					
SMP	SAMPLE					
CO	COMPLETION & CLOSURE					
MAT	MATERIAL					

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-278-C	Final Video Logging-Sanur Well	Section 02623-Part-4.2-E	AD	CONS	SUB	SNW			C		From main contractor directly	February 8, 2016		March 9, 2016	February 9, 2016	1	E	
SUB-00018-WER-1051-B	Cables List and Schedule for Arraba and Sanur	Section: 16120	AD	CONS	SUB	WER			B		From main contractor directly	February 8, 2016		March 9, 2016				Pending
SUB-13-00018-WER-1355-B	Furniture	Section 12625-Paragraph: 2.6	PD	CONS	SUB	WER			B		February 1, 2016	February 1, 2016		March 2, 2016	February 3, 2016	2	A	
SUB-13-00018-WER-1360-B	Kitchen Equipment	Section: 11817- Paragraph: 2.1 – 2.4	PD	CONS	SUB	WER			B		February 3, 2016	February 3, 2016		March 4, 2016	February 7, 2016	4	A	
SUB-13-00018-SNW-1437-B	Sanur Station Final Load Flow and Short Circuit Study	Section: 16431- Paragraph: 1.3.B	AD	CONS	SUB	SNW			B		From main contractor directly	February 8, 2016		March 9, 2016	February 11, 2016	3	E	
SUB-13-00018-SNW-1489-B	Test Report on Concrete Compressive Strength at 28 Days of Age – Reinforced Concrete Pavement-Stage 1 as per IR-13-00018-SNW-445-A	Section 03300	TR	CONS	Lab Test	SNW			B		From main contractor directly	February 8, 2016		March 9, 2016	February 11, 2016	3	A	
SUB-13-00018-SNW-1490-B	Test Report on Concrete Compressive Strength at 28 Days of Age – Reinforced Concrete Pavement - Stage 2	Section 03300	TR	CONS	Lab Test	SNW			B		From main contractor directly	February 8, 2016		March 9, 2016	February 11, 2016	3	A	
SUB-13-00018-SNW-1535-B	As-Built Drawings (Civil, Mechanical and Electrical)for Sanur Living Quarter building	Section: 01300- Paragraph: 1.7B	SD	CONS	SUB	SNW			B		February 20, 2016	February 21, 2016		March 22, 2016	February 24, 2016	3	B	
SUB-13-00018-SNW-1560-B	Test Report on Natural Sand – Sanur (Me'mar Plant)	Section 02200	TR	CONS	Lab Test	SNW			B		From main contractor directly	February 11, 2016		March 12, 2016	February 11, 2016	0	A	
SUB-13-00018-ARW-1572-B	Test Report on Concrete Compressive Strength at 28 Days of Age – LQ Side Walk	Section 03300	TR	CONS	Lab Test	ARW			B		From main contractor directly	February 8, 2016		March 9, 2016	February 9, 2016	1	A	
SUB-13-00018-ARW-1573-B	Test Report on Concrete Compressive Strength at 35 Days of Age – Yard Pavement (Area 1)	Section 03300	TR	CONS	Lab Test	ARW			B		From main contractor directly	February 8, 2016		March 9, 2016	February 9, 2016	1	A	
SUB-13-00018-WER-1583-B	AC Units Trainer CV	Section: 01670	AD	CONS	SUB	WER			B		From main contractor directly	February 23, 2016		March 24, 2016	February 28, 2016	5	A	
SUB-13-00018-ARW-1586-A	Arraba Electrical Shop Drawings for PLC	Section 17510	SD	CONS	SUB	ARW			A		From main contractor directly	February 2, 2016		March 3, 2016				Pending
SUB-13-00018-ARW-1587-A	Arraba Electrical Shop Drawings for MCC	Section 16480	SD	CONS	SUB	ARW			A		From main contractor directly	February 2, 2016		March 3, 2016				Pending
SUB-13-00018-ARW-1588-A	Arraba Electrical Shop Drawings for MTS	Section 16480	SD	CONS	SUB	ARW			A		From main contractor directly	February 2, 2016		March 3, 2016				Pending
SUB-13-00018-SNW-1589-A	Preliminary Operation & Maintenance Manual/Section 1C/ 400V Well Pump Manual Transfer Switch – Sanur	Section: 16480	AD	CONS	SUB	SNW			A		February 1, 2016	February 2, 2016		March 3, 2016	February 9, 2016	7	B	
SUB-13-00018-ARW-1590-A	Preliminary Operation & Maintenance Manual/Section 1C/ 400V Well Pump Manual Transfer Switch – Arraba	Section: 16480	AD	CONS	SUB	ARW			A		February 1, 2016	February 3, 2016		March 4, 2016	February 9, 2016	6	B	
SUB-13-00018-ARW-1591-A	Preliminary Operation & Maintenance Manual /Section 3H /Low Voltage Motor Control Center - Arraba	Section: 16480	AD	CONS	SUB	ARW			A		February 1, 2016	February 3, 2016		March 4, 2016	February 9, 2016	6	B	
SUB-13-00018-WER-1592-A	QA/QC Submittal Register Monthly Update – December 2015	Section 01300- Paragraph: 1.8B, Contractor's manual, 4.1-construction submittals (3)	AD	CONS	SUB	WER			A		From main contractor directly	February 3, 2016		March 4, 2016	February 7, 2016	4	A	
SUB-13-00018-ARW-1593-A	Test Report on Concrete Compressive Strength at 35 Days of Age – Concrete Pavement A1-2	Section 03300	TR	CONS	Lab Test	ARW			A		From main contractor directly	February 3, 2016		March 4, 2016	February 7, 2016	4	A	
SUB-13-00018-SNW-1594-A	Test Report on Bituminous Mixture /Sanur Main Entrance	Section 02460	TR	CONS	Lab Test	SNW			A		From main contractor directly	February 3, 2016		March 4, 2016	February 7, 2016	4	A	
SUB-13-00018-SNW-1595-A	Contractor Response on SM-13-00018-SNW-E-C-026-Tiling works for LQ & CS Buildings-Sanur	Section: 09310- Paragraph: 2.1B & SM#26	AD	CONS	SUB	SNW			A		From main contractor directly	February 7, 2016		March 8, 2016	February 9, 2016	2	A	
SUB-13-00018-SNW-1596-A	Contractor Response on SM-13-00018-SNW-E-C-22-Concrete Surface Uniformity for Fence Wall -Sanur	Section: 03300 & SM#22	AD	CONS	SUB	SNW			A		From main contractor directly	February 7, 2016		March 8, 2016	February 9, 2016	2	A	
SUB-13-00018-SNW-1597-A	Contractor Response on SM-13-00018-SNW-E-C-30-Damages of the Retaining Wall at Sanur	Section: 03300 & SM#30	AD	CONS	SUB	SNW			A		From main contractor directly	February 7, 2016		March 8, 2016	February 9, 2016	2	A	
SUB-13-00018-SNW-1598-A	Contractor Response on SM-13-00018-SNW-E-C-31-Installation of Lighting Fixture for Buildings at Sanur	Section: 16500 & SM#31	AD	CONS	SUB	SNW			A		From main contractor directly	February 7, 2016		March 8, 2016	February 9, 2016	2	A	
SUB-13-00018-WER-1599-A	QC Monthly Report- January 2016	Section 01300- Paragraph: 1.8-B	AD	CONS	SUB	WER			A		From main contractor directly	February 11, 2016		March 12, 2016	February 11, 2016	0	A	
SUB-13-00018-WER-1600-A	QA/QC Submittal Register Monthly Update – January 2016	Section 01300- Paragraph: 1.8B, Contractor's manual, 4.1-construction submittals (3)	AD	CONS	SUB	WER			A		From main contractor directly	February 11, 2016		March 12, 2016	February 11, 2016	0	A	
SUB-13-00018-SNW-1601-A	Activity Report- Sanur Well System Startup (Pre-Commissioning & Commissioning)	Section 01660	AD	CONS	SUB	SNW			A		From main contractor directly	February 16, 2016		March 17, 2016	February 24, 2016	8	A	
SUB-13-00018-SNW-1602-A	Contractor Response on SM-13-00018-SNW-E-C-43-Sanur Well and Booster Pump Operation Observation	Section: 11101, 11103 & SM#43	AD	CONS	SUB	SNW			A		From main contractor directly	February 23, 2016		March 24, 2016				Pending
SUB-13-00018-ARW-1603-A	Completion Report for Arraba Well (VTL) New Well Pump Installation	Section: 11101	AD	CONS	SUB	ARW			A		From main contractor directly	February 23, 2016		March 24, 2016	February 28, 2016	5	A	
SUB-13-00018-ARW-1604-A	Arraba Booster Pumps Performance Test Results	Section: 11103	TR	CONS	SUB	ARW			A		From main contractor directly	February 24, 2016		March 25, 2016				Pending
SUB-13-00018-WER-1605-A	Monthly Safety Plan Update – January 2016	Contractor's Manual-Sec. 4.1/12	AD	CONS	SUB	WER			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	A	
SUB-13-00018-WER-1606-A	Monthly Risk Management Plan Update – January 2016	Contractor's Manual-Sec. 4.1/construction submittals #003	AD	CONS	SUB	WER			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	B	
SUB-13-00018-SNW-1607-A	Test Report on Concrete Compressive Strength at 28 Days of Age – Well Pump Discharge Head Pipeline Pad	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	A	
SUB-13-00018-SNW-1608-A	Test Report on Concrete Compressive Strength at 28 Days of Age – Protection Around Asphalt - Sanur	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	A	
SUB-13-00018-SNW-1609-A	Test Report on Concrete Compressive Strength at 28 Days of Age – RC Pavement Last Stage & Cons. Ditch	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	A	
SUB-13-00018-SNW-1610-A	Test Report on Asphalt Pavement Compaction (Core Test) – Sanur Main Entrance	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	A	
SUB-13-00018-ARW-1611-A	Field Density Compaction Test for Subgrade – Area 5, Part 1	Section 02200	TR	CONS	Lab Test	ARW			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	A	
SUB-13-00018-ARW-1612-A	Field Density Compaction Test for Base Course – Area 5, Part 2	Section 02200	TR	CONS	Lab Test	ARW			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	A	
SUB-13-00018-ARW-1613-A	Field Density Compaction Test for Filling Material – Area 5, Part 1 & 2	Section 02200	TR	CONS	Lab Test	ARW			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	A	
SUB-13-00018-SNW-1614-A	Test Report on Concrete Compressive Strength at 28 Days of Age – Ditch Area - Sanur	Section 03300	TR	CONS	Lab Test	SNW			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	A	
SUB-13-00018-SNW-1615-A	Contractor Response on SM-13-00018-SNW-E-C-028- Sidewalk and Soil Erosion Concrete Slab's - Sanur	Section: 03300 & SM#28	AD	CONS	SUB	SNW			A		From main contractor directly	February 25, 2016		March 26, 2016	February 29, 2016	4	A	
SUB-13-00018-ARW-1616-A	Preliminary Operation & Maintenance Manuals/Section 9D/PVC Sch 80 Pipes and fittings - Arraba	Section: 15430	AD	CONS	SUB	ARW			A		February 24, 2016	February 25, 2016		March 26, 2016				Pending
SUB-13-00018-SNW-1617-A	Preliminary Operation & Maintenance Manuals/Section 9D/PVC Sch 80 Pipes and fittings - Sanur	Section: 15430	AD	CONS	SUB	SNW			A		February 24, 2016	February 25, 2016		March 26, 2016				Pending
SUB-13-00018-ARW-1618-A	Field Density Compaction Test for Substrata – Area 5, Part 2	Section 02200	AD	CONS	SUB	ARW			A		From main contractor directly	February 25, 2016		March 26, 2016	February 28, 2016	3	A	
SUB-13-00018-WER-1619-A	Resume for Control Valves Training Instructor - Alternative	Section: 01670- Paragraph: 1.2 E -10	AD	CONS	SUB	WER			A		From main contractor directly	February 28, 2016		March 29, 2016				Pending
SUB-13-00018-ARW-1620-A	Coordination Study and Arc Flash Label for Arraba	Section: 16431	AD	CONS	SUB	ARW			A		From main contractor directly	February 29, 2016		March 30, 2016				Pending

Submittal Categories	Submittal Classification	Phase/Construction	Identifiers	Resubmittal Alpha Identifier	Submittal Disposition / Color Coding
PD PRODUCT DATA SD SHOP DRAWINGS AD ADMINISTRATIVE/OTHER TR TEST REPORT SCM STORES/CLE RPT REPORT SMP SAMPLE CO COMPLETION & CLOSURE MAT MATERIAL	PCS CONS PSTS	Preconstruction Construction Post construction	WER Wells Rehabilitation Project ARW : Project 1 Identifier SNW : Project 2 Identifier SDW : Project 3 Identifier	First Submittal SUB-13-WER-001-A First RFI Submittal SUB-13-WER-001-B Second Resubmittal SUB-13-WER-001-C	A No Exceptions Noted B Minor Corrections Noted C Approval and Resubmit D Rejected-Resubmit E Review Not Required 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-13-00018-SNW-1621-A	As-Built Drawings (Civil, Mechanical and Electrical) for Samur Electrical Metering Building	Section: 01300- Paragraph: 1.7B	SD	CONS	SUB	SNW			A		February 28, 2016	February 29, 2016		March 30, 2016				Pending
SUB-13-00018-ARW-1622-A	Certificate of Proper Installation for Arraba Well Pump	Section 11101 & Contractor's Manual Sec. 7	AD	CONS	SUB	ARW			A		From main contractor directly	February 29, 2016		March 30, 2016				Pending
SUB-13-00018-WER-1623-A	Monthly Environmental Plan Update and Mitigation Plan Update-January 2016	Contractor's Manual-Sec. 4.1/14	AD	CONS	SUB	WER			A		From main contractor directly	February 29, 2016		March 30, 2016				Pending

SNW 22.7 Requests for Information Log

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Task Order: **Task Order: 00018-WER**
 Projects: Project 1-ARW Arraba Well Pump Station
 Project 2-SNW Sanur Well Pump Station
 Project 3-SDW Saadeh Well Rehabilitation

NTP: 23-Oct-13

NOA: 25-Sep-13

Request for Information Log

RFI No.	Subject of RFI	BOQ item no.	Specification no.	Drawing no.	Date Submitted to Engineer	Response Needed by	Response Date from Engineer	No. of Days for Engineer Response	Status	Engineer Response	Potential Change Order
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SNW: No RFIs issued during February 2016

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 Arraba Well Pump Station Rehabilitation & Infrastructure Improvements	NOA: September 25, 2013
	Project 2-SNW Sanur 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 is no VOs issued during February 2016

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

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-033-A	February 14, 2016		66 days	0.00	-	-	1- Summary Sheet of Rainy Days. 2- Supporting Documents-Daily Joint Reports (DJRs).	Excusable Delays- Rainy Days.		
VOR-00018-WER-034-A	February 15, 2016		13 days	0.00	-	-	1- Supporting Documents-Official Letter from Ministry of Public Works and Housing.	Excusable Delays- Ramadan Excusable Delays During Year 2015.		
VOR-00018-WER-035-A	February 15, 2016		9 days	0.00	-	-	1- Supporting Documents-Official Letter from Ministry of Public Works and Housing.	Excusable Delays- Extremely Hot Days During July & August, 2015 .		
VOR-00018-WER-036-A	February 15, 2016		25 days	0.00	-	-	1- Supporting Documents-Official Letter from Ministry of Public Works and Housing.	Excusable Delays- Shortage of Cement in the Area.		

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
 Temproray 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		
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	189	712	30	673	39	
December	2014	80	80	180	171	200	710	30	670	40	
January	2015	71	67	136	119	197	589	25	553	36	
February	2015	68	66	118	116	182	548	23	508	40	
March	2015	81	80	189	166	216	731	31	665	67	
April	2015	78	77	225	200	217	796	33	733	64	
May	2015	78	77	218	195	240	808	34	744	64	
June	2015	78	76	210	113	225	702	30	639	63	
July	2015	58	63	197	109	225	650	27	598	52	
August	2015	68	68	309	186	241	870	37	816	54	
September	2015	58	58	248	114	225	703	30	657	46	
Total of FY 2015							8447	354.894958	7850	597	
October	2015	64	65	237	107	230	702	29	650	52	
November	2015	65	65	135	75	230	570	24	518	52	
December	2015	75	68	438	88	266	933	39	855	78	
January	2016	77	73	280	79	249	758	32	680	78	
February	2016	63	75	48	53	221	459	19	386	73	
March	2016										
April	2016										
May	2016										
June	2016										
July	2016										
August	2016										
September	2016										
Total of FY 2016							3422	143.7657563	3089	333	

Note :

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

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

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- Sanur 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 & Health Manager	Project Manager (P, E, I, etc.)	Document Control Engineer (D)	Document Control Engineer	Civil Engineer (C)	Office Engineer	Site Engineer	Supervision	Skilled Labor	Ironman	Equipment Operator	Electrician	Unskilled Labor	Guard /Security	Janitor (J)	Janitor	Document Control Officer	Surveyor	Surveyor Assistant	CWI	Geologist	Diver						Regulator
Monday, February 01, 2016	4	4	4	10	4	4	4	4	8	8	72	8			36	40	16	8		4						2.75	3	11	4.5	8.5
Tuesday, February 02, 2016	4	4	4	8	4	4	4	4	8	8	48	8			24	40	16	8		4						2.5	3	8	3	8.5
Wednesday, February 03, 2016	4	4	4	8	4	4	4	4	8	8	8	8			8	40	16	8		4						2.5	3	3	1	8.5
Thursday, February 04, 2016	4	4	4	8	4	4	4	4	8	8	8	8			16	40	16	8		4						2.5	3	3	2	8.5
Friday, February 05, 2016																40										0	0	0	0	0
Saturday, February 06, 2016	4	4	4	8	4	4	4	4	8	8	16				32	40	16	8		4						2.5	3	3	4	8.5
Sunday, February 07, 2016	4	4	4	8	4	4	4	4	8	8					40	16	8									2.5	3	1	0	8
Monday, February 08, 2016	4	4	4	8	4	4	4	4	8	8					16	40	16	8								2.5	3	1	2	8
Tuesday, February 09, 2016	4	4	4	8	4	4	4	4	8	8					16	40	16	8								2.5	3	1	2	8
Wednesday, February 10, 2016	4	4	4	8	4	4	4	4	8	8					16	40	16	8								2.5	3	1	2	8
Thursday, February 11, 2016	4	4	4	8	4	4	4	4	8	8					16	40	16	8								2.5	3	1	2	8
Friday, February 12, 2016																40										0	0	0	0	0
Saturday, February 13, 2016	4	4	4	8	4	4	4	4	8	8					16	40	16	8								2.5	3	1	2	8
Sunday, February 14, 2016	4	4	4	8	4	4	4	4	8	8					16	40	16	8								2.5	3	1	2	8
Monday, February 15, 2016	4	4	4	8	4	4	4	4	8	8					16	40	16	8								2.5	3	1	2	8
Tuesday, February 16, 2016	4	4	4	8	4	4	4	4	8	8					16	40	16	8								2.5	3	1	2	8
Wednesday, February 17, 2016	4	4	4	8	4	4	4	4	8	8					16	40	16	8								2.5	3	1	2	8
Thursday, February 18, 2016	4	4	4	8	4	4	4	4	8	8					16	40	16	8								2.5	3	1	2	8
Friday, February 19, 2016																40										0	0	0	0	0
Saturday, February 20, 2016	4	4	4	8	4	4	4	4	8	8					16	40	16	8								2.5	3	1	2	6
Sunday, February 21, 2016	4	4	4	8	4	4	4	4	8	8					16	40	16	8								2.5	3	1	2	8
Monday, February 22, 2016	4	4	4	8	4	4	4	4	8	8					16	40	16	8								2.5	3	1	2	8
Tuesday, February 23, 2016	4	4	4	8	4	4	4	4	8	8					16	40	16	8								2.5	3	1	2	8
Wednesday, February 24, 2016	4	4	4	8	4	4	4	4	8	8					16	40	16	8								2.5	3	1	2	8
Thursday, February 25, 2016	4	4	4	8	4	4	4	4	8	8					16	40	16	8								2.5	3	1	2	8
Friday, February 26, 2016																40										0	0	0	0	0
Saturday, February 27, 2016	4	4	4	8	4	4	4	4	8	8					16	40	16	8								2.5	3	1	2	8
Sunday, February 28, 2016	4	4	4	8	4	4	4	4	8	8					16	40	16	8								2.5	3	1	2	8
Monday, February 29, 2016	4	4	4	8	4	4	4	4	8	8					16	40	16	8								2.5	3	1	2	8
Total of Month	100	100	100	202	100	100	100	100	200	200	152	32	0	0	420	1160	384	200	0	20	0	0	0	0	0	63	75	48	53	221

SNW 22.10 Risk Register Log

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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.

Infrastructure Needs Program INP II
 Task Order No.: TO-294-13-00018
 Project: Sanur Well Rehabilitation and improvement

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
	No risks encountered-Project Completed.															

For more information, please visit
[http:// www.usaid.gov/west-bank-and-gaza](http://www.usaid.gov/west-bank-and-gaza)

USAID WEST BANK/GAZA

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