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CONSTRUCTION MONTHLY PROGRESS REPORT

Reporting Period:

August 01- August 31, 2014

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

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

WELLS REHABILITATION PROJECT-WER

September 04, 2014

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

CONSTRUCTION MONTHLY PROGRESS REPORT

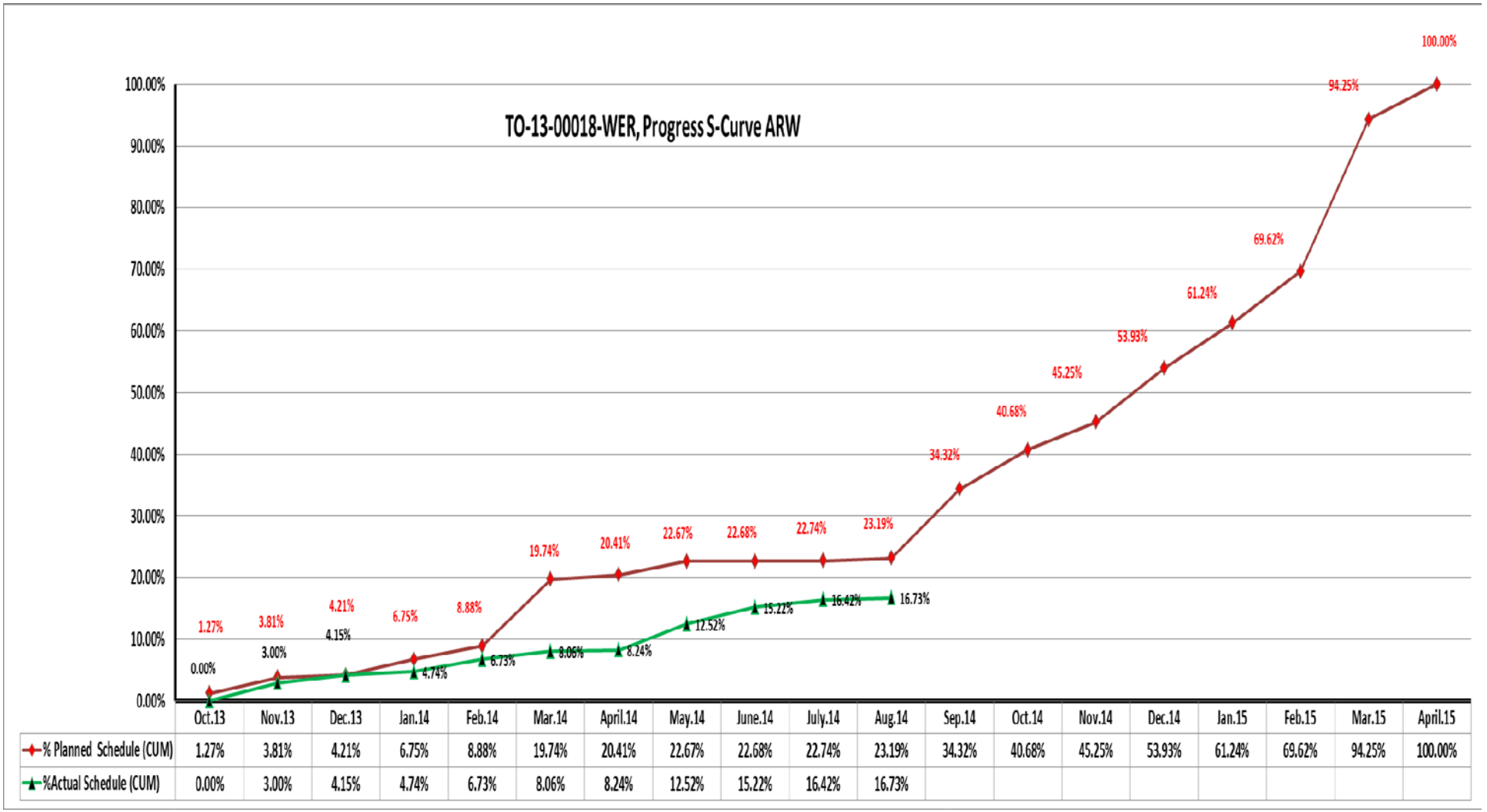
Reporting Period:

August 01- August 31, 2014

PROJECT 1-ARRABA WELL PUMP STATION-ARW

Table of Contents

1. Arraba Well (ARW) Dashboard Status



	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
% Planned Schedule (CUM)	1.27%	3.81%	4.21%	6.75%	8.88%	19.74%	20.41%	22.67%	22.68%	22.74%	23.19%	34.32%	40.68%	45.25%	53.93%	61.24%	69.62%	94.25%	100.00%
%Actual Schedule (CUM)	0.00%	3.00%	4.15%	4.74%	6.73%	8.06%	8.24%	12.52%	15.22%	16.42%	16.73%								

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2. Public Relation and Outreach

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

3. Safety and Environmental Status

The Safety Plan and the Environmental Monitoring and Mitigation plan were approved by the CMC. Moreover, the Engineer's site office was furnished with the first aid kit and the two fire extinguishers (one carbon and one CO_2).

Traffic Management:

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

Safety Meeting:

Safety meetings were conducted with IRD Subcontractor to improve the existing safety program and to create increased awareness of the Subcontractor's responsibilities for the health and safety of their workers (unless there are no activities onsite during the current reporting period).

- Arraba Well: Four toolbox meetings were conducted during the month of August 2014.

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 August 2014 can be summarized as follows:

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

Notice of Unsafe Condition:

No 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.

Safety Photos:

Safety tool box meeting-ARW

Appreciation certificate for employee of the month-ARW

Water spraying for dust control-ARW

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Separated entrance for workers-ARW

Separated entrance for heavy equipment-ARW

Flagman equipment movement control -ARW

Flagman equipment movement control -ARW

First aid kit-ARW

MSDS sheets for chemical material available on site-ARW

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compacting base-course over the sandy area to avoid dust-ARW	Spreading base-course over the sandy area to avoid dust-ARW
	
General cleaning(housekeeping)-ARW	Housekeeping-ARW
	
Safe access-ARW	Remove nails by using magnet-ARW

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4. Security Coordination

The following table demonstrates the security coordination carried out during the current reporting period:

Date	Attendees	Purpose
August 10, 2014	Jenin	Escort Arch eyes to the workshop in Jenin
August 17, 2014	Bet El	Follow up the progress with the electricity commander
August 27, 2014	Jenin DCL	Meeting with the new commander, explaining to him the projects progress and scope of work and discussing the electricity issue with him.
August 28, 2014	Bet El	Meeting with the infrastructure commander at Bet El, updating him about all our projects

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	23.19%
Actual percentage complete	16.73%
Elapsed Time	56.91%

Table 6.1-ARW-Progress Summary Table

Project Overall Status: Revised recovery plan had been submitted and approved; we are slightly behind the schedule with 16 calendar days negative float and efforts are constantly exerted (particularly on civil issues) to push the construction work and progress forward to make up the remaining delays. This negative float will affect the project completion date and may delay the project up to May 12, 2015 (as a completion date affected by the negative float). IRD already took all measures to accelerate the project through electrical long lead items material submittals preparation, assigning more resources especially in the civil works and finalizing pumps submittals to proceed in ordering all pumps and start the manufacturing process.

During this reporting period, and after insuring safety, environmental measures and dust control on site, construction of the entire retaining wall (footing and walls) is completed except for finishing activities such as concrete repair if any, coating, installation of perforated pipe and backfilling behind the retaining wall. Excavations for B.T foundation are completed and subgrade and base course works of the B.T foundation are completed. Preparation works for underdrain system are also completed including PVC pipes installation. Formwork shuttering for the B.T foundation is ongoing where supporting and steel reinforcement will follow inspection and approval of underdrain system. Well pump and booster pumps submittals from the approved alternative local supplier are submitted to the Engineer.

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

7. Submittal Status:

During the current reporting period a total of 72 submittals (including resubmittals) were delivered under TO-18-WER; 37 submittals were submitted under SUB-18-ARW (for Arraba Well separately); 20 submittals were submitted under SUB-18-SNW (for Sanur Well separately) and 15 submittals were submitted under SUB-18-WER. Review comments were received for 59 submittals out of the 72 submittals. Total response time from the CMC ranged between 0 to 23 days. The following table and graph provide a summary of the submittals disposition status:

Submittal Disposition	Total
A – No Exceptions Noted	**28**
B - Make Corrections Noted	**14**
C- Amend and Resubmit	**14**
D- Rejected- Resubmit	**3**
E- Review Not Required	**0**
Retracted submittals	**1**
Total submittals delivered	**72**
Total submittals reviewed	**59**
Submittals delivered not reviewed	**13**

Table 7.2-WER-Submittal Disposition

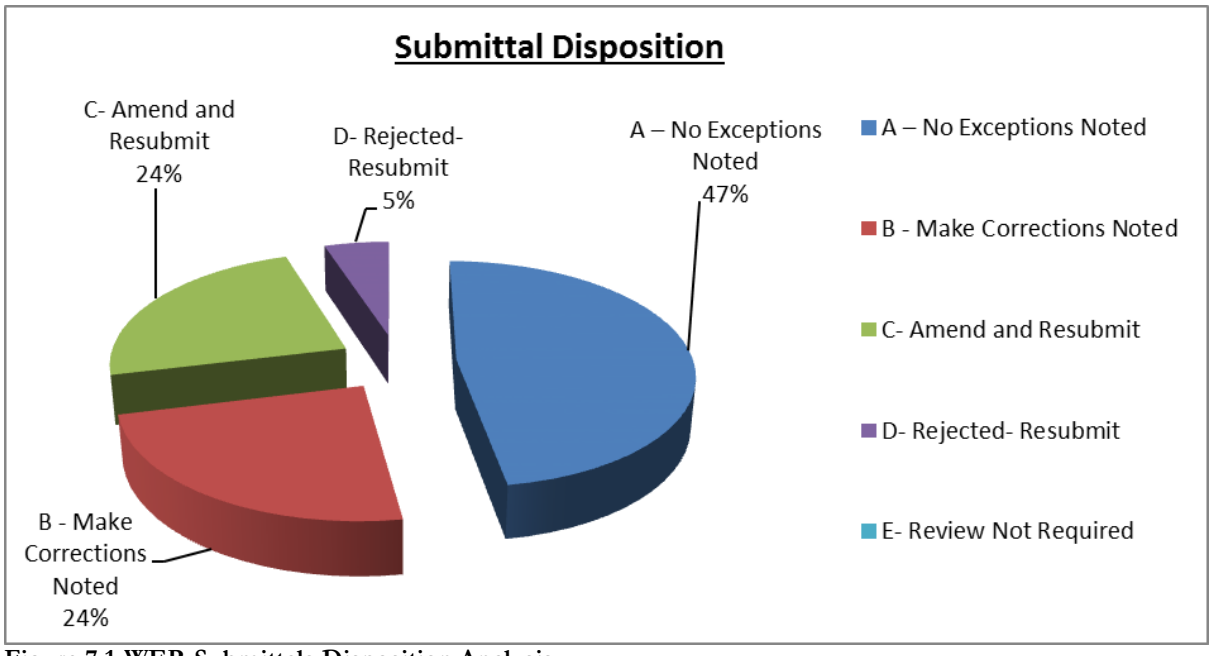

Figure 7.1-WER-Submittals Disposition Analysis

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:

- Completion of retaining wall (remaining vertical walls).
- Finishing subgrade and base course layers of B.T foundation.
- Excavations and PVC sheets vapor barrier of underdrain system of B.T.
- Shuttering of B.T foundation.
- Construction submittals and shop drawings preparation and submission ongoing.

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

- Complete retaining wall finishing works (repair, coating, drainpipe, backfilling behind both sides of retaining wall).
- Continue formwork and steel reinforcement of B.T foundation.
- Concrete casting of the foundation of B.T.
- Relocating the existing 10" discharge piping.
- Start construction activities of the electrical metering building.
- Coordination with WBWD (West Bank Water Department).

9. Updated Schedule

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

10. Site Memos

No site memos were issued from the Engineer to the Contractor during the current reporting period. For further details, please see Attachment ARW 22.3- Site Memo Log.

11. Inspection Requests

During the current reporting period, 42 inspection requests were submitted to the Engineer including resubmitted inspections, 26 for Arraba project, 12 for Sanur project and 4 under TO-18-WER. For further details, please see Attachment ARW 22.5- Inspection Request Log.

12. Test Reports

Thirty-four test reports had been submitted to the Engineer (including resubmittals) during the current reporting period: 30 under Arraba Well Project, 3 under Sanur well Project and one under task order WER; among the 34 testing reports 28 test reports passed according to the testing lab and conformed to QC specifications and 6 test reports under Arraba Project got a failed result from the lab as follows:

1. Submittal Sequencing No.: SUB-13-00018-ARW-379-A &B:

Reasons of failed test result: tested samples meet non-compliance with the project's specification for the B-35 concrete grade. Submitted "SUB-13-00018-ARW-379-B" also had the mentioned non-compliance with project specification; an approved test report was achieved through submitting 40 days concrete compressive strength test presented in "SUB-13-00018-ARW-379-C".

2. Submittal Sequencing No.: SUB-13-00018-ARW-380-A &B.
   Reasons of failed test result: tested samples meet non-compliance with the project's specification for the B-35 concrete grade. Submitted "SUB-13-00018-ARW-380-B" also had the mentioned non-compliance with project specification; an approved test report was achieved through submitting 40 days concrete compressive strength test presented in "SUB-13-00018-ARW-380-C".

3. Submittal Sequencing No.: SUB-13-00018-ARW-381-A.
   Reasons of failed test result: tested samples meet non-compliance with the project specification for the B-35 concrete grade. Approval was achieved through taking core samples on August 14, 2014 and therefore conducting hardened concrete cores on August 17, 2014. CMC approval is represented in SUB-13-00018-ARW-381-B.

4. Submittal Sequencing No.: SUB-13-00018-ARW-421-A.
   Reasons of failure: sample No. 2 does not comply with the project specification (achieved degree of compaction is 96.5 %). Approval was achieved by applying additional compaction. Accordingly, degree of compaction was increased. See"SUB-13-00018-ARW-421-B".

The below table illustrates the QC testing reports submitted to the Engineer during the current reporting period:

Type of Material Test	No. of Tests Passed	No. of Tests Failed	No. of Tests (Results Not Received)	Total No. of Tests Conducted
Concrete	13	5	0	18
Sub-grade	5	0	0	5
Base course	7	1	0	8
Reinforced steel bars	1	0	0	1
Aggregate	2	0	0	2
Total	28	6	0	34

Table 12.1- QC Analysis Table

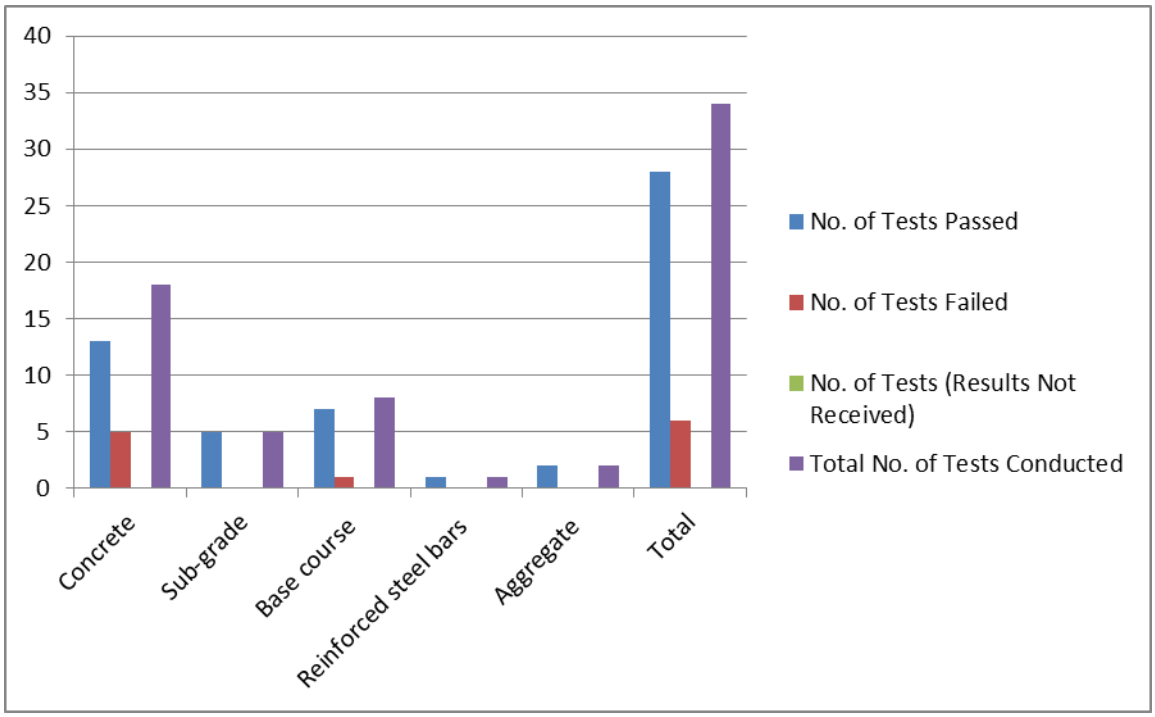

Figure 12.1- QC Analysis Bar Chart

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

Arraba Well: Conducting 7 days concrete compressive strength for retaining wall (wall) second lift, section (B) from St. (102+000) to St. (126+800).

Arraba Well: Take soil compaction samples for B.T footing

Arraba Well: Take base-course compaction samples first layer for B.T footing

Arraba Well: Take base-course compaction samples for internal backfilling for R.W section (E).

Arraba Well: Take samples for PEA gravel and drain rock.

WER: Conducting welders test at Far'a workshop

Arraba Well: Collecting samples of compacted basecourse for B.T footing

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Arraba Well: Collecting concrete samples and field tests for retaining wall second lift, section (B) from St. (78+800) to St. (102+000)

Arraba Well: Obtaining core specimens by building center lab for retaining wall (footing) section (C) from St. 126+00 to St. 140+200

Arraba Well: Collecting samples of compacted basecourse for B.T footing

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Arraba Well: Conducting yield and ultimate strength test for reinforcement steel bars

Arraba Well: Conducting hardened concrete core test for retaining wall footing section (C)

Arraba Well: Collecting two samples from compacting basecourse for B.T footing

Arraba Well: Collecting one sample from compacting basecourse under the proposed yard

Arraba Well: Collecting concrete samples and field tests (Air content, temperature & slump) for retaining wall second lift, section (B) from St. (102+000) to St. (126+800)

Arraba Well: Conducting 7 days concrete compressive strength test for retaining wall, second lift - St. (102+000) to St. (126+800)

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Arraba Well: Conducting 28 days concrete compressive strength test for retaining wall first lift section (B) from St. (102+000) to St. (126+800.

Arraba Well: Collecting two samples of basecourse for compaction test under the B.T footing

Arraba Well: Collecting concrete samples and field tests

13. Request for Information

During the current reporting period, two Requests for Information (RFI) were submitted to the CMC; one for Sanur project and one under TO-18-WER. For further information regarding the submitted RFIs, please see Attachment ARW 22.7- Request for Information Log.

14. Summary of Payments and Accrued Expenditures

IRD submitted its fifth payment under Task Order No. 13-00018 / INP II on August 26, 2014; the payment was reviewed and approved by CMC on August 28, 2014. The corresponding payment amount is not received by USAID yet. This payment covers the period from June 07 to August 17, 2014.

Payment No.	Period of Performance Quantity		Current Payment Amount	Previous	Cumulative to date	Payment Submission Date	CMC Approval Date	Date Payment Received
	Period From	Period To						
5	Jun.07, 14	Aug.17, 14	100,016.23	658,398.91	758,415.14	Aug.26, 14	Aug.28, 14	-

Table 14.1-ARW-Payment Summary

Accrued expenditures for Task Order 13-00018-ARW= $1,090,503.02 - $658,398.91=$432,104.11.

15. Variation Orders and Variation Order Requests

No Variation Order Requests were submitted to CMC for Arraba Well; no Variation Orders were issued for this project during the current reporting period, for more details, please refer to Attachment No. ARW 22.8 Variation Orders and Variation Order Requests Log.

16. Operation, Maintenance and Training

This section is not applicable for the current reporting period

17. Risk Management and Mitigation Measures

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

Risk	Description	Responsible Party	Remedial Measures/Comments
Interruption or damage of underground utilities	The risk lays during excavation work and demobilization to hit or damage the underground utilities such as 10" pipe, and the buried electric cables	IRD-PM	During the excavation process, the contractor will take all safety measures to avoid hitting or damaging these utilities and will coordinate with local authorities to figure out the location of such utilities. The 10" pipe will be supported by steel supporting jacks to avoid bending and breaking during pumping process.

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.
Fall of personnel during construction of retaining wall.	Personnel working in construction activities are usually subject to sudden slippage off scaffolding and might get injured by reinforcing steel bars	IRD-PM	Holding T.B meetings regularly to aware workers of existing danger. Apply safety measures by wearing PPTs. Avoid running over scaffoldings.

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	None
3.	Modified Period of Performance	None
4.	Modified Completion Date	None
5.	No. of Working Days	26Calendar Days
6.	Accumulated Working Days	267 Calendar Days
7.	Total No. of non-working days(Holidays and weekends)	5 Calendar Days
8.	Accumulated non-working days (Holidays and weekends)	42 Calendar Days
9.	No. of other non-working days during this month	0 Calendar Days
10.	Accumulated other non-working days	4 Calendar Days

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

19. Project Indicators

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

Target Value for Project 1:

The capacity of the added facility in cubic meters or the volume of water that will be pumped by the new station.	120 cubic meter per hour = 2,880 m3 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)m3/365 day/(285,477 capita) = 0.041 m3/capita /day = 41 L/Capita/Day
No. of Beneficiaries	2,880/0.041 = 70,244 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: 4317 person days;
- Employment generated this month: 784 person days;
- Total cumulative employment generated to-date: 5101 person days.

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

No problems encountered during this reporting period.

21. Construction Photos

<table>
<tr><td> 
</td><td> 
</td></tr>
<tr><td colspan="2">Photo Date- 2nd of August, 2014: Finishing excavation works for B.T foundation, start spreading, and compaction of subgrade layers.</td></tr>
<tr><td> 
</td><td> 
</td></tr>
<tr><td>Photo Date- 4th of August, 2014: Start formwork for R.W-section (B) second lift, from St. (102+000) to (126+800).</td><td>Photo Date- 5th of August, 2014: Damp proof coating of R.W, section (E) from St. (6+850) to St. (30+400).</td></tr>
</table>

	
Photo Date- 5th of August, 2014: Continue spreading, mixing and leveling of base course for B.T base, second layer.	**Photo Date- 6th of August, 2014**:3-phase inspection of formwork -first shutter-and steel reinforcement of the R.W second lift, section (B) from St. (102+000) to St. (126+800).
	
Photo Date- 6th of August, 2014: Taking samples of PEA gravel and drain rock.	**Photo Date- 6th of August, 2014:** Site visit by FOSROC representative to inspect R.W concrete quality for possible repair.

	
Photo Date- 7th of August, 2014: Compaction of base course for B.T footing.	**Photo Date- 7th of August, 2014:** Conducting toolbox meeting.
	
Photo Date- 9th of August, 2014: Compaction of base course for B.T base (45 degrees slope forming).	**Photo Date- 10th of August, 2014:** Conducting welders testing and certification by a certified welder for steel welding.
	
Photo date- 10th of August, 2014: Backfilling behind R.W, section (E), external side.	**Photo date- 13th of August, 2014:** Finish placing, leveling and compaction of base course -first layer- for B.T base with required sloping.

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Photo date- 13th of August, 2014: Complete second layer of damp proof for B.T pits.	**Photo date- 13th of August, 2014:** Surveying works.
	
Photo date- 14th of August, 2014: Casting concrete for R.W second lift section (B).	**Photo date- 16th of August, 2014:** De-shuttering of formwork for R.W, second lift section (B) from St. (78+800) to St. (102+000).
	
Photo date- 16th of August, 2014: Taking samples of reinforcement steel bars (Ø22, Ø16) to conduct yield and ultimate strength test at HCL.	**Photo date- 16th of August, 2014:** Curing of the R.W, second lift section (B) from St. (78+800) to St. (102+000).

	
Photo date- 19th of August, 2014: Second shuttering of R.W sec. B (second lift) from St. (102+000) to St. (126+800).	**Photo date- 20th of August, 2014:** Complete damp proofing of the R.W, second layer from St. (30+400) to St. (78+800) up to 3.5m height.
	
Photo date- 21st of August, 2014: Casting concrete for R.W sec B (second lift), St. (102+000) to St. (126+800).	**Photo date- 21st of August, 2014:** Finish placing, spreading, leveling, and compacting base course final layer for B.T base.
	
Photo date- 23rd of August, 2014: Continue form work for R.W, Sec. (C) from St. 126+800 to St. 140+200.	**Photo date- 23rd of August, 2014:** Stakeout of the under drain system of the B.T.

	
Photo date- 23rd of August, 2014: Fabrication of water stop intersections.	**Photo date- 31st of August, 2014:** Washing PEA gravel prior to spreading and placing in the underdrain trenches.
	
Photo date- 25th of August, 2014: starting excavations for underdrain system of the B.T.	**Photo date- 25th of August, 2014:** Starting formwork for B.T base.
	
Photo date- 26th of August, 2014: excavation for the balancing tank underdrain system	**Photo date- 26th of August, 2014:** Site Visit of (IEC) representative.

	
Photo date- 27th of August, 2014: Start installation of PVC sheets for the underdrain system.	**Photo date- 28th of August, 2014:** Casting concrete for RW section (C) from St. (126+800) to St. (140+200).
	
Photo date- 28th of August, 2014: Conducting tool box meeting	**Photo date- 30th of August, 2014:** De-shuttering of R.W sec. (C) from St. 126+800 to St. 140+200.
	
Photo date- 30th of August, 2014: Spreading of PEA gravel for the underdrain system below SOG for B.T.	

CONSTRUCTION MONTHLY PROGRESS REPORT

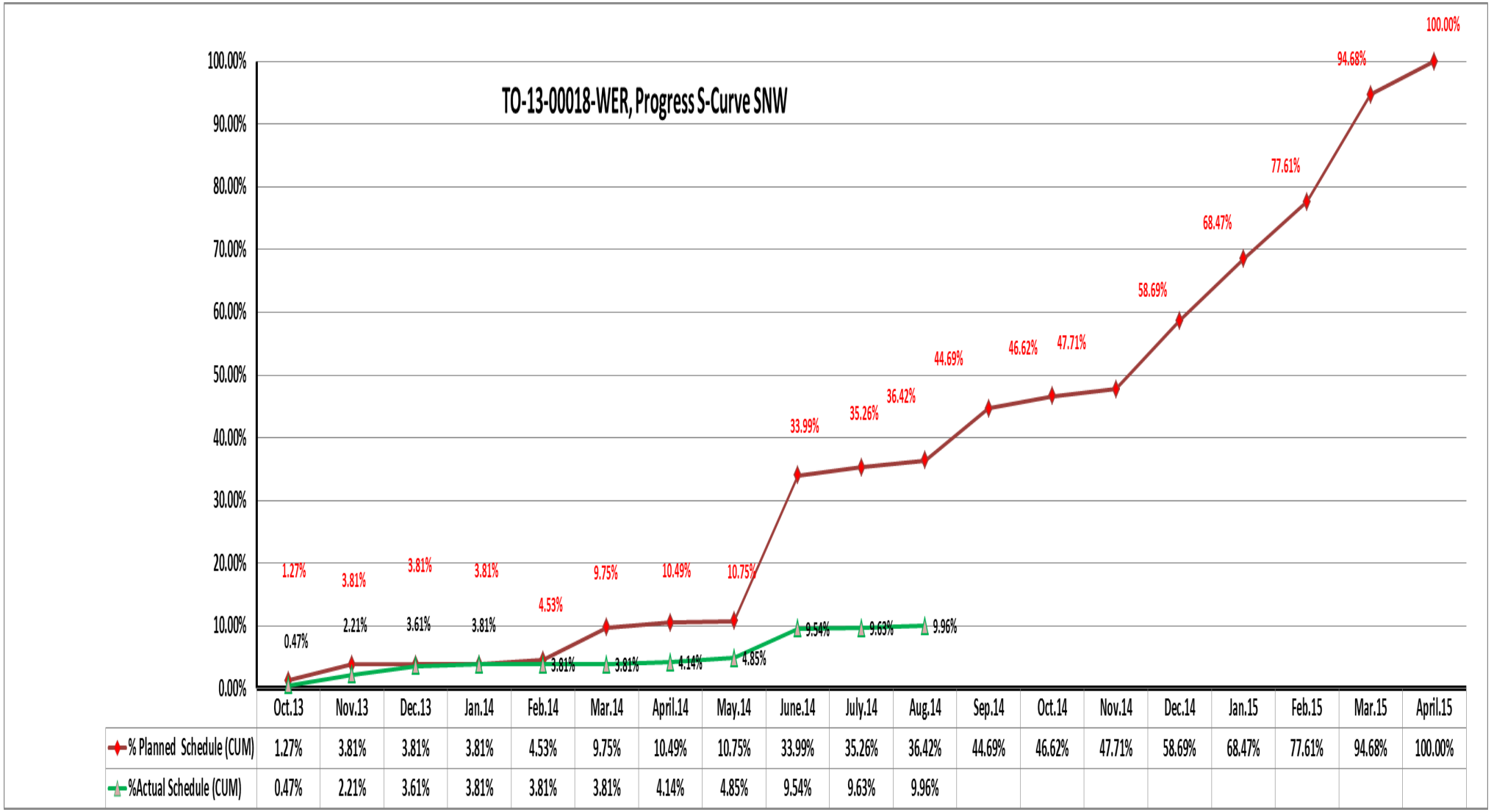
Reporting Period:

August 01- August 31, 2014

PROJECT 2-SANUR WELL PUMP STATION-SNW

Table of Contents

1. Sanur Well (SNW) Dashboard Status



	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
% Planned Schedule (CUM)	1.27%	3.81%	3.81%	3.81%	4.53%	9.75%	10.49%	10.75%	33.99%	35.26%	36.42%	44.69%	46.62%	47.71%	58.69%	68.47%	77.61%	94.68%	100.00%
%Actual Schedule (CUM)	0.47%	2.21%	3.61%	3.81%	3.81%	3.81%	4.14%	4.85%	9.54%	9.63%	9.96%								

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2. Public Relation and Outreach

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

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

3. Safety and Environmental Status

The Safety Plan and the Environmental Monitoring and Mitigation plan were approved by the CMC. Moreover, the Engineer's site office was furnished with the first aid kit and the two fire extinguishers (one carbon and one CO_2).

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: Two toolbox meetings were conducted during the month of August 2014.

Environmental Status

Environmental status was checked on daily basis; no environmental issues were encountered during this reporting period.

Accident Status:

During the current reporting period (0) accident occurred.
The accident statistics for the month of August 2014 can be summarized as follows:

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

Notice of Unsafe Condition:

No NUC`s 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.

Safety Photos

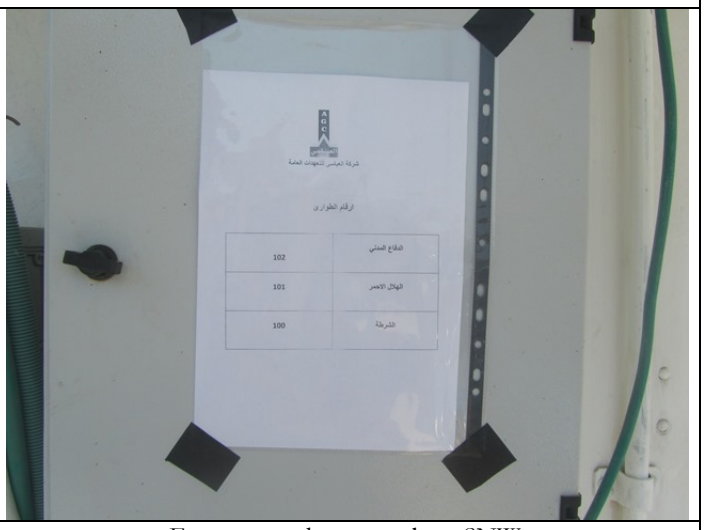
Safety tool box meeting-SNW

Installing fence with warning tape around the BT excavation Area-SNW


Remove the barbed wire from the backfilling-SNW


Installing new jersey barriers around the deep excavation area-SNW

First aid kit-SNW



Emergency phone numbers-SNW

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Safety slope excavation-SNW

Sleeve protection for exposed main electrical cable

New Jersey barriers around living quarters during demolition -SNW

	
Safe site access-SNW	Spraying water for dust control -SNW

4. Security Coordination

The following table demonstrates the security coordination carried out during the current reporting period:

Date	Attendees	Purpose
August 10, 2014	Jenin	Escort Arch eyes to the workshop in Jenin
August 17, 2014	Bet El	Follow up the progress with the electricity commander
August 27, 2014	Jenin DCL	Meeting with the new commander, explaining to him the projects progress and scope of work and discussing the electricity issue with him
August 28, 2014	Bet El	Meeting with the infrastructure commander at Bet El, updating him about all our projects

5. Material or Equipment Delivered to Site

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

6. Progress and Scheduling

The following table provides a summary of the project progress status

Item	Percentage
Planned percentage complete	36.42%
Actual percentage complete	9.96%
Elapsed Time	56.91%

Table 6.1-SNW-Progress Summary Table

Project Overall Status:

We are slightly behind the schedule with 52 calendar day's negative float; after submission and approval of the revised recovery plan. Efforts are constantly exerted (particularly on civil issues) to push work and progress forward in order to make up

the remaining delays. This negative float will affect the project completion date and may delay the project up to June 16, 2015 (as a completion date affected by the negative float). IRD already took all measures to accelerate the project through electrical long lead items material submittals preparation, assigning more resources especially in the civil works and finalizing pumps submittals to proceed in ordering all pumps and start the manufacturing process.

During the current reporting period, pumping to communities as per contract is maintained with the existing VLST pump. Excavations for the B.T foundation to an average depth of 1.9 m below natural ground level is completed and excavations of the 2m depth at the B.T pits location to remove weak and organic soils as per BV response to RFI#40 is also completed. Backfilling using selected material, compaction and testing as per response of BV on RFI#40 at B.T pits area is completed for all layers up to the reduced level of the entire B.T foundation area.

On the other hand, demolition of the existing living room is done after securing a temporary living caravan for well operators, in addition to removal of the existing storage room. Existing discharge piping system that was found to be interfering with construction works in the B.T area was exposed and prepared for re-enforced concrete encasement as agreed with the engineer, while relocation of those pipes is avoided so as not to interrupt pumping to communities.

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 a total of 72 submittals (including resubmittals) were delivered under TO-18-WER; 37 submittals were submitted under SUB-18-ARW (for Arraba Well separately); 20 submittals were submitted under SUB-18-SNW (for Sanur Well separately) and 15 submittals were submitted under SUB-18-WER. Review comments were received for 59 submittals out of the 72 submittals. Total response time from the CMC ranged between 0 to 23 days. The following table and graph provide a summary of the submittals disposition status:

Submittal Disposition	Total
A – No Exceptions Noted	**28**
B - Make Corrections Noted	**14**
C- Amend and Resubmit	**14**
D- Rejected- Resubmit	**3**
E- Review Not Required	**0**
Retracted submittals	**1**
Total submittals delivered	**72**

Submittal Disposition	Total
Total submittals reviewed	59
Submittals delivered not reviewed	13

Table 7.2-WER-Submittal Disposition

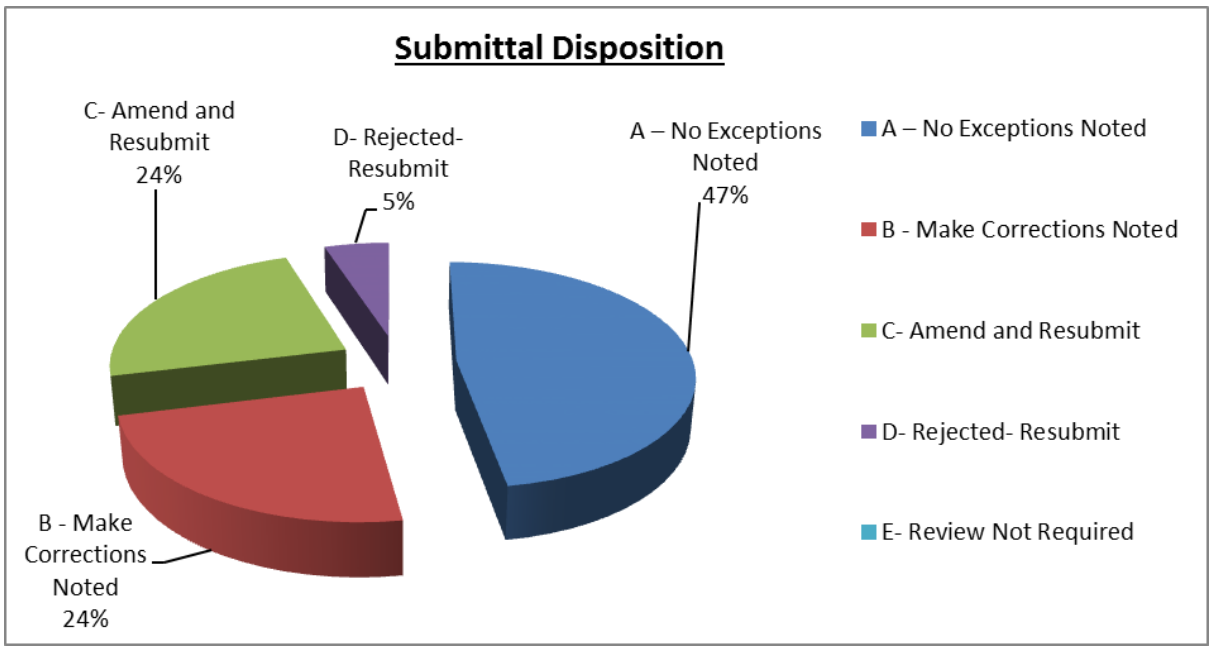

Figure 7.1-WER-Submittals Disposition Analysis

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

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

8.1 The following was achieved during the current reporting period:

- Continue pumping to communities with the VLST pump.
- Performing clearing, grubbing and stripping of well site (15 cm) as per specs.
- Continue balance tank construction activities (excavations and sub grading) as per CMC response on RFI#40.
- Securing operators with a temporary office.
- Demolition of the existing old chlorination and storage room and existing operator's room.
- Start preparation of existing discharge piping system for concrete encasement.
- Construction submittals and shop drawings preparation and submission.

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

- Continue pumping to communities with the VLST pump.
- Concrete encasement of the existing discharge piping.
- Basecourse works (spreading, compaction and testing) for B.T pits and B.T foundation.
- Formworks and re-enforcement of B.T pits and sump pit.
- Demolition of existing septic tank.
- Excavation for the living quarter.
- Start execution of boundary fence (subject to CMC approval on relevant submittals).
- Continue preparation and submission of construction submittals and shop drawings.
- Coordination with WBWD.

9. Updated Schedule

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

10. Site Memos

Two site memos were issued from the Engineer to the Contractor for this project during the current reporting period. For further details, please see Attachment SNW 22.3- Site Memo Log.

11. Inspection Requests

During the current reporting period, 42 inspection requests were submitted to the Engineer including resubmitted inspections, 26 for Arraba project, 12 for Sanur project and 4 under TO-18-WER. For further details, please see Attachment ARW 22.5- Inspection Request Log.

12. Test Reports

Thirty-four test reports had been submitted to the Engineer (including resubmittals) during the current reporting period: 30 under Arraba Well Project, 3 under Sanur well Project and one under task order WER; among the 34 testing reports 28 test reports passed according to the testing lab and conformed to QC specifications and 6 test reports under Arraba Project got a failed result from the lab.

The below table illustrates the QC testing reports submitted to the Engineer during the current reporting period:

Type of Material Test	No. of Tests Passed	No. of Tests Failed	No. of Tests (Results Not Received)	Total No. of Tests Conducted
Concrete	13	5	0	18
Sub-grade	5	0	0	5
Base course	7	1	0	8
Reinforced steel bars	1	0	0	1
Aggregate	2	0	0	2
Total	28	6	0	34

Table 12.1- QC Analysis Table

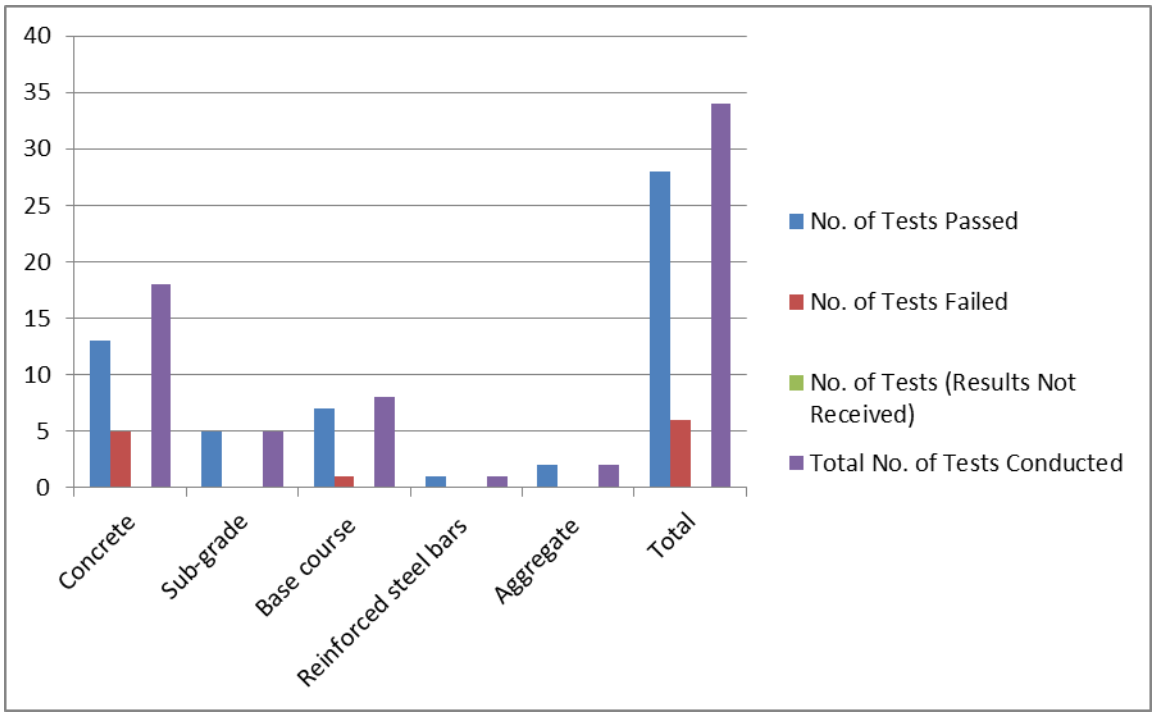

Figure 12.1-QC Analysis Bar Chart

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

WER: Conducting welders test at Far'a workshop

Sanur Well: Visual inspection for B.T excavation by HCL

Sanur Well: Collecting samples for soil under suction header area by the lab

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Sanur Well: Collecting base course sample from the site

Sanur Well: Collecting two samples of backfill materials (BC) -pump suction area first layer

Sanur Well: Collection of backfill material (BC) under pump suction area fifth layer

13. Request for Information

During the current reporting period, two Requests for Information (RFI) were submitted to the CMC; one for Sanur project and one under TO-18-WER. For

further information regarding the submitted RFIs, please see Attachment SNW 22.7-Request for Information Log.

14. Summary of Payments and Accrued Expenditures

IRD submitted its fifth payment under Task Order No. 13-00018 / INP II on August 26, 2014; the payment was reviewed and approved by CMC on August 28, 2014. The corresponding payment amount is not received by USAID yet. This payment covers the period from June 07 to August 17, 2014.

Payment No.	Period of Performance Quantity		Current Payment Amount	Previous	Cumulative to date	Payment Submission Date	CMC Approval Date	Date Payment Received
	Period From	Period To						
5	Jun.07, 14	Aug.17, 14	61,971.63	276,752.46	338,724.09	Aug.26, 14	Aug.28, 14	-

Table 14.1-SNW-Payment Summary

Accrued expenditures for Task Order 13-00018-SNW= $698,421.41 - $276,752.46=$421,668.95.

15. Variation Orders and Variation Order Requests

One Variation Order Request was submitted to CMC for Sanur Well; no Variation Orders were issued for this project during the current reporting period, for more details, please refer to Attachment No. SNW 22.8 Variation Orders and Variation Order Requests Log.

16. Operation, Maintenance and Training

This section is not applicable for the current reporting period

17. Risk Management and Mitigation Measures

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

Risk	Description	Responsible Party	Remedial Measures/Comments
Interruption or damage of underground utilities	The risk lies during excavation work and demobilization in hitting or damaging the underground utilities such existing piping system and/or the buried electric cables.	IRD-PM	During the excavation process, the contractor will take all safety measures to avoid hitting or damaging these utilities and will coordinate with local authorities to figure out the location of such utilities. The underground power cable was exposed then protected properly. Piping system -in all times- will be avoided during excavations and necessary repair will immediately be

Risk	Description	Responsible Party	Remedial Measures/Comments
			performed if any pipe is incidentally broken.
Construction activities in energized environment	This is an existing pumping station where power supply and electric boards shall be maintained according to contract until the last phase of construction.	IRD-PM	All power cables were isolated and protected. Tag-out lock-out procedure on electric boards is implemented.
Falls and Equipment	These hazards include exposure to falls, falling loads, and mobile equipment.	IRD-PM	Keep materials or equipment that might fall or roll into an excavation at least 2 feet from the edge of excavations, or have retaining devices, or both. Provide warning systems such as mobile equipment, barricades. To avoid being struck by any spillage or falling materials, require employees to stand away from vehicles being loaded or unloaded.

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

18. Summary of Working/Non-Working Days

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

1.	Total Period of Performance (Original)	550 Calendar Days
2.	Total Excusable delays/approved extensions	None
3.	Modified Period of Performance	None
4.	Modified Completion Date	None
5.	No. of Working Days	26 Calendar Days
6.	Accumulated Working Days	269 Calendar Days
7.	Total No. of non-working days (Holidays and weekends)	5 Calendar Days
8.	Accumulated non-working days (Holidays and weekends)	40 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 station.	150 cubic meter per hour = 3,600 m3 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)m3/365 day /(285,477 capita) = 0.041 m3/capita /day = 41 L/Capita/Day
No. of Beneficiaries	3,600/0.041 = 87,805 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: 3200 person days;
- Employment generated this month: 441 person days;
- Total cumulative employment generated to-date: 3641 person days.

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

Existing discharge piping system was found to be interfering with construction of B.T foundation. Relocation was suggested first but this suggestion involves water disruption, so another approach that was found acceptable by the engineer was adopted. This approach implies encasing the existing piping system with reinforced concrete to protect the pipes while avoiding water interruption to communities.

21. Construction Photos

	
Photo Date: 6th of August, 2014: Inspection	**Photo Date: 9th of August, 2014:** Excavation for B.T foundation for the additional recommended depth (2m) under the suction header area.

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Photo Date- 17th of August, 2014: Continue leveling the reached subsoil under the suction header area.	**Photo Date- 12th of August, 2014:** Implementing safety requirements around excavated area using New Jersey concrete barriers.
	
Photo Date- 12th of August, 2014: Leveling and compaction of the reached subsoil under the suction header area.	**Photo Date- 12th of August, 2014:** Site visit by CMC office.
	
Photo Date- 17th of August, 2014: Preparing temporary living caravan for operators.	**Photo Date- 18th of August, 2014**: Performing additional 40 cm excavations under the balancing tank to reach the design grade.

Photo Date- 19th of August, 2014: Compaction the reached subsoil level under the section header area.

Photo Date- 20th of August, 2014: taking compacted sample of B.T subgrade for testing.

Photo Date- 20th of August, 2014: Making safety slope in the excavated B.T area prior compaction.

Photo Date- 21st of August, 2014: Preparation works to demolish existing living room.

Photo Date- 23rd of August, 2014: Start demolishing of the existing living quarter.

Photo Date- 24th of August, 2014: Start placing, spreading, leveling, and compacting base course for B.T (pits Area).

Photo Date- (25th, 27th) of August, 2014: Start placing, spreading, leveling, and compacting base course second layer for pump suction area (pits), then taking soil samples by the lab for compaction test.

Photo Date- 27th of August, 2014: Compaction of the fifth layer of selected back fill material in the pumps suction area (pits).

Photo Date- 31st of August, 2014: Conducting toolbox meeting.

Photo Date- 30th of August, 2014: Furnishing, mixing, leveling and compaction of the seventh layer of base course at the pumps suction area (pits).

Photo Date- 30th of August, 2014: Continue clearing and removal of the demolished living quarter.

	
Photo Date- 31st of August, 2014: Formwork for concrete encasement of the existing discharge piping.	

CONSTRUCTION MONTHLY PROGRESS REPORT

Reporting Period:

August 01- August 31, 2014

PROJECT 3-SAADEH WELL REHABILITATION-SDW

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: Zero beneficiaries

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.

CONSTRUCTION MONTHLY PROGRESS REPORT-ATTACHMENTS

Reporting Period:

August 01- August 31, 2014

PROJECT 1-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

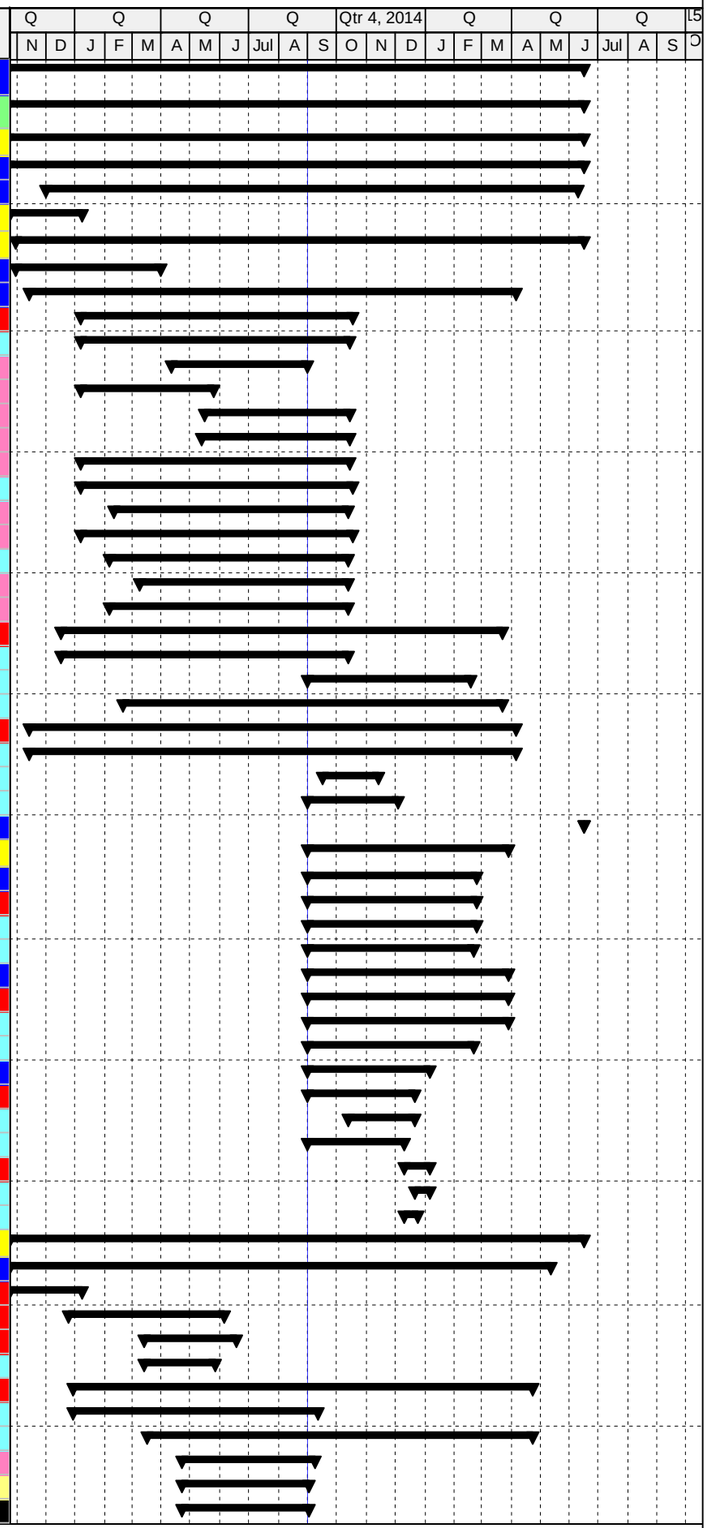
ARW 22.1 Updated Schedule- Roll-up and One Month Look Ahead

RFTOP WATER-294-13-00018 WELL REHABILITATION IMPROVEMENTS

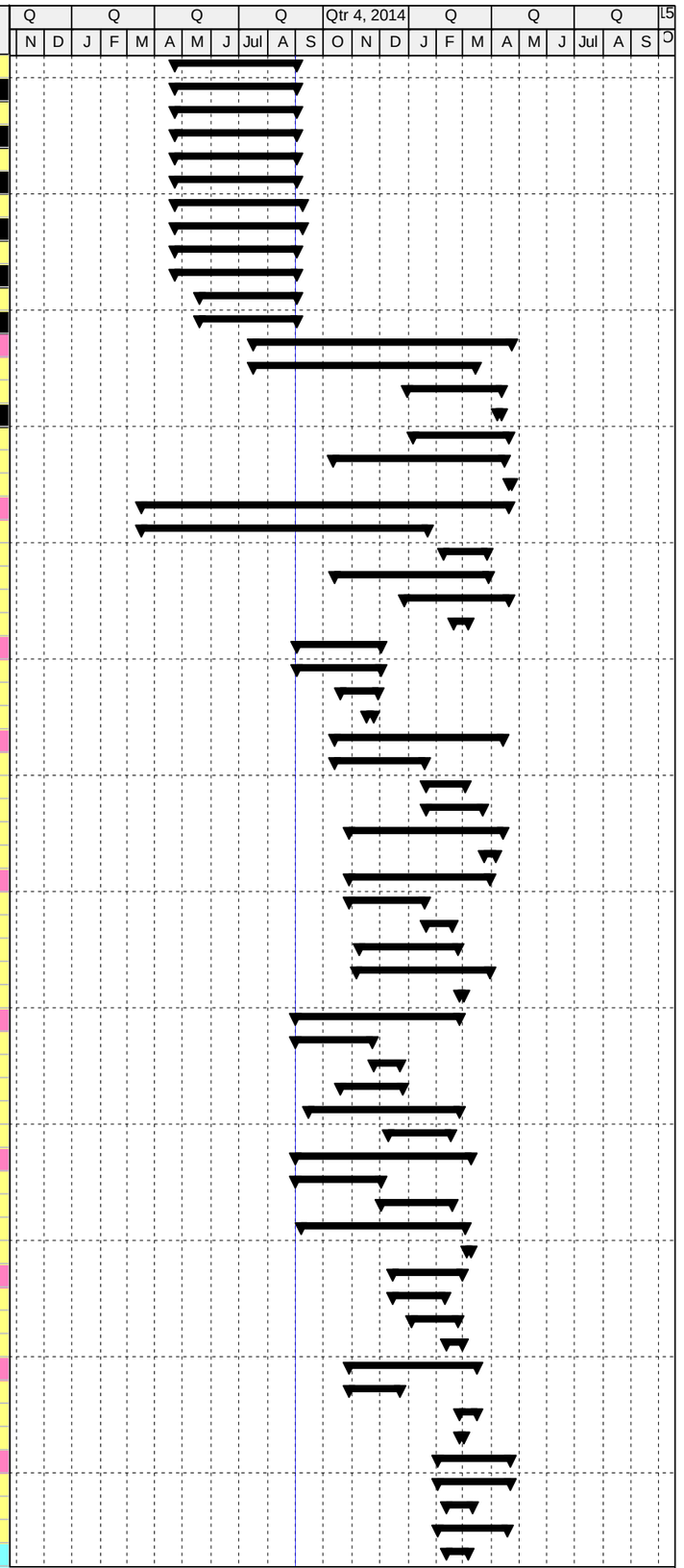
Roll Up Schedule - Aug,2014

IRD International Relief & Development

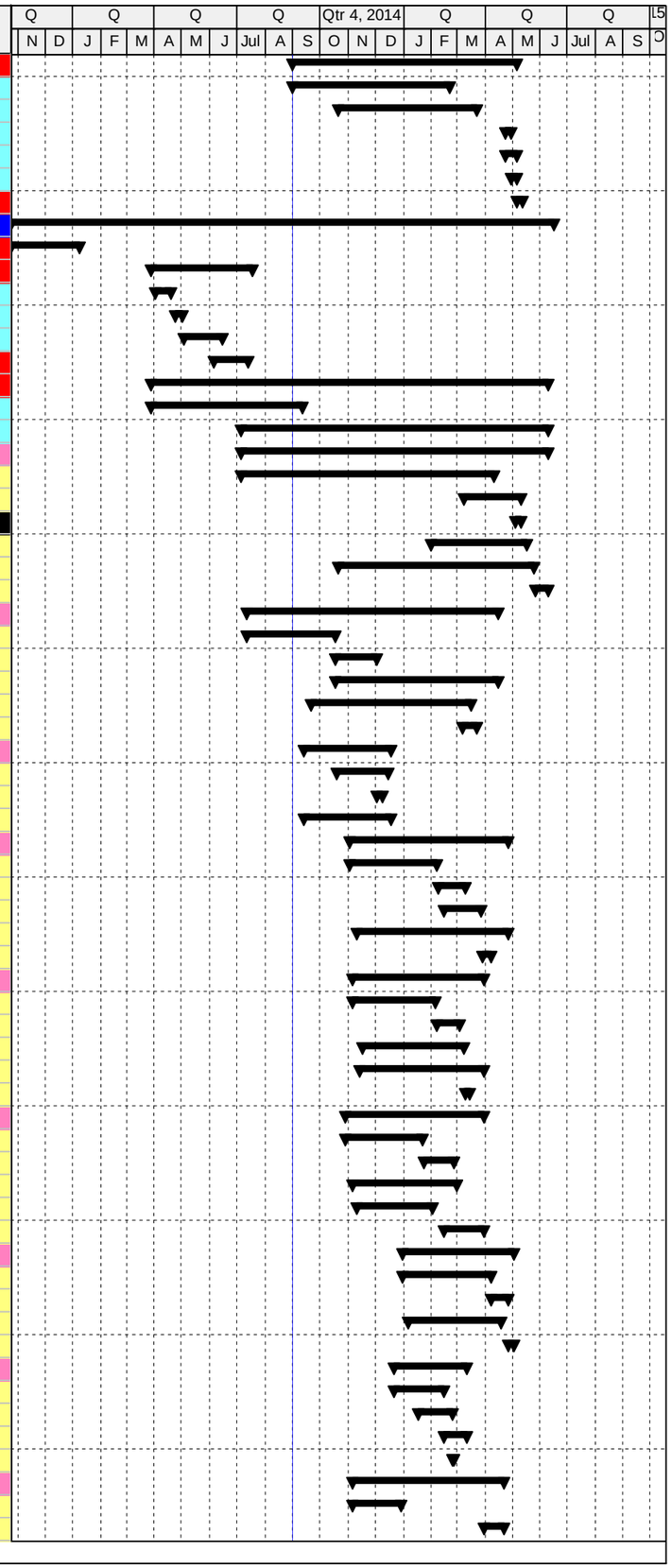
Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Total Float
Total		337	01-Sep-14	16-Jun-15	0
RFTOP WATER-294-13-00018 WELL REHABILITATION & IMPROVEMENTS		337	01-Sep-14	16-Jun-15	0
Milestones		461	30-Apr-15	16-Jun-15	-52
General Milestones		461	12-May-15	16-Jun-15	-52
Intermediate Milestones		432	30-Apr-15	10-Jun-15	-52
Mobilization		24			
Submittals		382	01-Sep-14	16-Jun-15	0
Pre Construction Submittals		45			
Construction Submittals		320	01-Sep-14	05-Apr-15	62
Material Submittals		183	01-Sep-14	18-Oct-14	139
Civil		180	01-Sep-14	14-Oct-14	142
Earth Works		94	01-Sep-14	01-Sep-14	78
Concrete Works		121			
Building Works		81	01-Sep-14	14-Oct-14	129
Roads Works		69	01-Sep-14	14-Oct-14	142
Miscellaneous		81	01-Sep-14	14-Oct-14	132
Mechanical		145	01-Sep-14	18-Oct-14	128
Local Manufacturer		140	01-Sep-14	12-Oct-14	133
Abroad Manufacturer (Long Lead Items)		129	01-Sep-14	18-Oct-14	-8
Electrical		179	01-Sep-14	12-Oct-14	122
Abroad Manufacturer (Long Lead Items)		153	01-Sep-14	12-Oct-14	40
Local Manufacturer		174	01-Sep-14	12-Oct-14	122
Shop Drawings		309	01-Sep-14	23-Mar-15	73
Civil		178	01-Sep-14	12-Oct-14	204
Mechanical		133	01-Sep-14	17-Feb-15	36
Electrical		289	01-Sep-14	23-Mar-15	1
Methods Statement & Work Plans		320	01-Sep-14	05-Apr-15	1
Civil		320	01-Sep-14	05-Apr-15	1
Mechanical		46	16-Sep-14	13-Nov-14	99
Electrical		76	01-Sep-14	04-Dec-14	94
Post Construction Submittals		0	16-Jun-15	16-Jun-15	0
Procurement		150	01-Sep-14	29-Mar-15	-1
Mechanical, Electrical Equipments&Instrumentation,...etc- for Arrabeh Well		165	01-Sep-14	24-Feb-15	28
Material Order & Manufacture		165	01-Sep-14	24-Feb-15	28
Mechanical Equipment		165	01-Sep-14	24-Feb-15	21
Electrical Equipment		162	01-Sep-14	21-Feb-15	31
Mechanical, Electrical Equipments&Instrumentation,...etc for Sanur Well		198	01-Sep-14	29-Mar-15	-4
Material Order & Manufacture		198	01-Sep-14	29-Mar-15	-4
Mechanical Equipment		198	01-Sep-14	29-Mar-15	-4
Electrical Equipment		162	01-Sep-14	21-Feb-15	31
Steel Pipes,Fittings&Valves		91	01-Sep-14	06-Jan-15	57
Material Order & Manufacture		80	01-Sep-14	22-Dec-14	58
All Needed Pipes,Steel Pipes & Fittings		60	13-Oct-14	22-Dec-14	23
Valves		81	01-Sep-14	10-Dec-14	74
Material Delivary		19	10-Dec-14	06-Jan-15	57
All Needed Pipes,Steel Pipes & Fittings		12	22-Dec-14	06-Jan-15	38
Valves		12	10-Dec-14	24-Dec-14	74
Execution Phase		337	01-Sep-14	16-Jun-15	0
Project 1 Arraba Well Pump Station Rehabilitation & Infrastructure Improvements		311	01-Sep-14	12-May-15	26
Mobilization for P1		24			
P1 - Arraba Well Pump Station Rehabilitation		63			
Design Review After Well Development Results		151			
Geophysical Logging Final Acceptance		1			
P1 - Arraba Well Pump Station Infrastructure Improvement		315	01-Sep-14	23-Apr-15	47
Demolishing,Site Development,Apply Safety Measurments&Site Preparation		137	01-Sep-14	11-Sep-14	225
Construction of New Pump Station		282	01-Sep-14	23-Apr-15	47
Retaining Walls		103	01-Sep-14	08-Sep-14	228
Retaining Wall Group # 1 (St.36+40 to St.55+60)		81	01-Sep-14	01-Sep-14	159
Civil & Structural Works		81	01-Sep-14	01-Sep-14	159



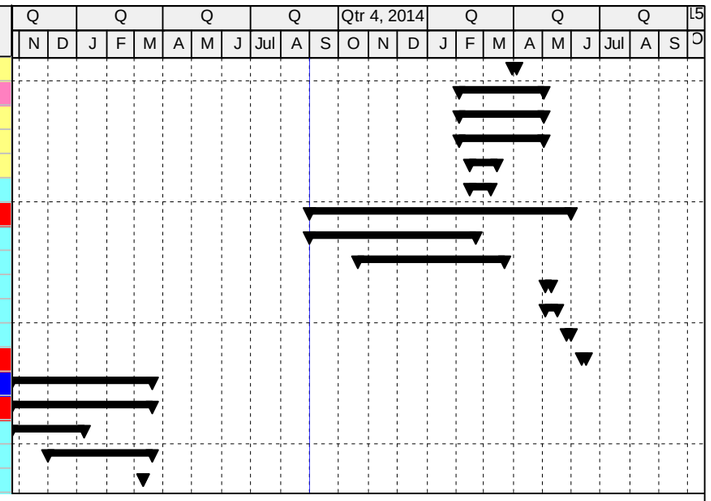
Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Total Float
	Retaining Wall Group # 2 (St.55+60 to St.78+80)	41	01-Sep-14	02-Sep-14	234
	Civil & Structural Works	41	01-Sep-14	02-Sep-14	234
	Retaining Wall Group # 3 (St.78+80 to St.102+00)	76	01-Sep-14	01-Sep-14	234
	Civil & Structural Works	76	01-Sep-14	01-Sep-14	234
	Boundary Wall Group # 4 A -(St-102+00 to St.126+80)	83	01-Sep-14	01-Sep-14	234
	Civil & Structural Works	83	01-Sep-14	01-Sep-14	234
	Boundary Wall Group # 4 B -(St.126+80 to St.140+20)	89	01-Sep-14	08-Sep-14	228
	Civil & Structural Works	89	01-Sep-14	08-Sep-14	228
	Retaining Wall Group # 5 -(St. 30+40 to St.36+40)	77	01-Sep-14	01-Sep-14	234
	Civil & Structural Works	77	01-Sep-14	01-Sep-14	234
	Retaining Wall Group # 6 -(St.00+00 to St.30+40)	77	01-Sep-14	01-Sep-14	-3
	Civil & Structural Works	77	01-Sep-14	01-Sep-14	-3
	Balance Tank 1000 m3	261	01-Sep-14	23-Apr-15	-14
	Civil & Structural Works	227	01-Sep-14	15-Mar-15	-14
	Finishing Works	80	31-Dec-14	13-Apr-15	-14
	Metal Fabricated Works	5	07-Apr-15	13-Apr-15	-14
	Mechanical Works	82	06-Jan-15	20-Apr-15	-14
	Electrical & Instrumentation Works	152	12-Oct-14	16-Apr-15	-11
	Test Water Tightness For Reservoir	3	20-Apr-15	23-Apr-15	-14
	Booster Pump System	185	01-Sep-14	20-Apr-15	49
	Civil & Structural Works	113	01-Sep-14	21-Jan-15	121
	Steel Structure & Metal Works	40	09-Feb-15	28-Mar-15	-12
	Mechanical Works	136	13-Oct-14	29-Mar-15	17
	Electrical & Instrumentation Works	90	28-Dec-14	20-Apr-15	-12
	Coatings & Finishing Works	14	19-Feb-15	07-Mar-15	27
	Septic & Seepage Tank	74	02-Sep-14	02-Dec-14	99
	Civil & Structural Works	74	02-Sep-14	02-Dec-14	99
	Plumbing Works	36	19-Oct-14	29-Nov-14	92
	Finishing Works	7	17-Nov-14	24-Nov-14	92
	Electrical & Control Building	149	13-Oct-14	14-Apr-15	-7
	Civil & Structural Works	81	13-Oct-14	19-Jan-15	15
	Finishing Works	34	20-Jan-15	04-Mar-15	3
	Mechanical Works	49	20-Jan-15	22-Mar-15	3
	Electrical & Instrumentation Works	135	29-Oct-14	14-Apr-15	-7
	HVAC-Plumping	10	25-Mar-15	06-Apr-15	0
	Chlorination & Storage Building	123	29-Oct-14	31-Mar-15	5
	Civil & Structural Works	67	29-Oct-14	19-Jan-15	31
	Finishing Works	22	20-Jan-15	18-Feb-15	30
	Mechanical Works	85	09-Nov-14	24-Feb-15	30
	Electrical & Instrumentation Works	116	06-Nov-14	31-Mar-15	5
	HVAC-Plumping	5	25-Feb-15	02-Mar-15	30
	Living Quarters Building	141	01-Sep-14	26-Feb-15	34
	Civil & Structural Works	67	01-Sep-14	23-Nov-14	53
	Finishing Works	26	24-Nov-14	23-Dec-14	74
	Mechanical Works	59	19-Oct-14	25-Dec-14	74
	Electrical & Instrumentation Works	129	15-Sep-14	26-Feb-15	33
	HVAC-Plumping	49	11-Dec-14	15-Feb-15	44
	Electrical Metering Building	151	01-Sep-14	10-Mar-15	23
	Civil & Structural Works	75	01-Sep-14	02-Dec-14	78
	Finishing Works	59	03-Dec-14	18-Feb-15	35
	Electrical & Instrumentation Works	142	06-Sep-14	04-Mar-15	23
	HVAC-Plumping	5	05-Mar-15	10-Mar-15	23
	Pads & Slabs	58	15-Dec-14	01-Mar-15	31
	Civil & Structural Works	43	15-Dec-14	10-Feb-15	31
	Electrical & Instrumentation Works	37	04-Jan-15	24-Feb-15	35
	Mechanical Works	15	11-Feb-15	01-Mar-15	31
	Well Systems	110	29-Oct-14	16-Mar-15	18
	Wellhead and Pad (Structural)	47	29-Oct-14	22-Dec-14	77
	Mechanical	16	25-Feb-15	16-Mar-15	18
	Electrical & Instrumentation Works	5	25-Feb-15	03-Mar-15	29
	Yard Works & Site Electrical Power	67	02-Feb-15	22-Apr-15	4
	External & Finishing Works	67	02-Feb-15	22-Apr-15	-3
	Mechanical Works	24	11-Feb-15	11-Mar-15	40
	Electrical & Instrumentation Works	63	02-Feb-15	18-Apr-15	1
	Flow Control Valve for Mirka Existing Balance Tank & Arraba Existing RSV	20	11-Feb-15	07-Mar-15	17



Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Total Float
	(O&M),Inspection,Commissioning,Start Up & Training for P1	199	01-Sep-14	06-May-15	-8
	Initial Operation & Manufacturer Technical Manual Submittals (O&M)	136	01-Sep-14	21-Feb-15	12
	Approval - Final Operation & Manufacturer Technical Manual Submittals (O&M)	124	20-Oct-14	23-Mar-15	12
	Certificate of Proper Installation for Installed Equipments&Installation (Pre Commissioning)	6	23-Apr-15	30-Apr-15	-14
	Training Phase	11	23-Apr-15	06-May-15	-8
	Comissioning & Start Up Phase for All System	5	30-Apr-15	06-May-15	-14
	Demobilization,Close Out&Handing Over for P1	5	06-May-15	12-May-15	-14
	Project 2 Sanur Well Pump Stations Rehabilitation & Infrastructure Improvements	337	01-Sep-14	16-Jun-15	0
	Mobilization for P2	24			
	P2 - Sanur Well Pump Station Rehabilitation	87			
	Pump Switching Off	1			
	Fishing-Extraction of Fallen Strainer from Sanur Well	19			
	Development	21			
	Design Review After Well Development Results	120			
	P2: Sanur Well Pump Station Infrastructure Improvement	324	01-Sep-14	10-Jun-15	5
	Demolishing,Site Development,Apply Safety Measurments&Site Preparation	104	01-Sep-14	11-Sep-14	225
	Construction of New Pump Station	256	01-Sep-14	10-Jun-15	5
	Balance Tank 1000 m3	256	01-Sep-14	10-Jun-15	-45
	Civil & Structural Works	204	01-Sep-14	11-Apr-15	-45
	Finishing Works	55	08-Mar-15	10-May-15	-38
	Metal Fabricated Works	5	05-May-15	10-May-15	-38
	Mechanical Works	89	01-Feb-15	17-May-15	-38
	Electrical & Instrumentation Works	178	21-Oct-14	25-May-15	-45
	Test Water Tightness For Reservoir	14	26-May-15	10-Jun-15	-45
	Booster Pump System	181	01-Sep-14	15-Apr-15	54
	Civil & Structural Works	35	01-Sep-14	18-Oct-14	200
	Steel Structure & Metal Works	40	18-Oct-14	03-Dec-14	61
	Mechanical Works	146	18-Oct-14	15-Apr-15	-5
	Electrical & Instrumentation Works	139	21-Sep-14	16-Mar-15	1
	Coatings & Finishing Works	14	07-Mar-15	22-Mar-15	14
	Septic & Seepage Tank	78	13-Sep-14	17-Dec-14	76
	Plumbing Works	49	19-Oct-14	14-Dec-14	79
	Finishing Works	7	02-Dec-14	09-Dec-14	36
	Civil & Structural Works	78	13-Sep-14	17-Dec-14	36
	Electrical & Control Building	142	02-Nov-14	26-Apr-15	-17
	Civil & Structural Works	77	02-Nov-14	07-Feb-15	-6
	Finishing Works	26	08-Feb-15	10-Mar-15	-2
	Mechanical Works	37	14-Feb-15	28-Mar-15	-2
	Electrical & Instrumentation Works	134	11-Nov-14	26-Apr-15	-17
	HVAC-Plumping	10	29-Mar-15	08-Apr-15	-2
	Chlorination & Storage Building	117	05-Nov-14	31-Mar-15	5
	Civil & Structural Works	73	05-Nov-14	04-Feb-15	19
	Finishing Works	21	07-Feb-15	03-Mar-15	19
	Mechanical Works	90	16-Nov-14	09-Mar-15	19
	Electrical & Instrumentation Works	110	13-Nov-14	31-Mar-15	5
	HVAC-Plumping	5	10-Mar-15	15-Mar-15	19
	Living Quarters Building	125	28-Oct-14	31-Mar-15	6
	Civil & Structural Works	70	28-Oct-14	21-Jan-15	6
	Finishing Works	26	24-Jan-15	25-Feb-15	27
	Mechanical Works	90	06-Nov-14	28-Feb-15	27
	Electrical & Instrumentation Works	66	11-Nov-14	02-Feb-15	52
	HVAC-Plumping	40	14-Feb-15	31-Mar-15	6
	Electrical Metering Building	97	31-Dec-14	02-May-15	-22
	Civil & Structural Works	76	31-Dec-14	07-Apr-15	-22
	Finishing Works	16	08-Apr-15	26-Apr-15	-22
	Electrical & Instrumentation Works	82	06-Jan-15	19-Apr-15	-16
	HVAC-Plumping	5	27-Apr-15	02-May-15	-22
	Pads & Slabs	61	22-Dec-14	11-Mar-15	22
	Civil & Structural Works	39	22-Dec-14	14-Feb-15	22
	Electrical & Instrumentation Works	29	17-Jan-15	24-Feb-15	26
	Mechanical Works	22	15-Feb-15	11-Mar-15	22
	Finishing Works	2	24-Feb-15	26-Feb-15	26
	Well Systems	136	05-Nov-14	21-Apr-15	-13
	Wellhead and Pad (Structural)	47	05-Nov-14	29-Dec-14	71
	Mechanical	20	30-Mar-15	21-Apr-15	-13



Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Total Float
	Electrical & Instrumentation Works	5	30-Mar-15	04-Apr-15	2
	Yard Works,Widening&Upgrading of Existing Main Road Entrance & Site Electrical Power	74	04-Feb-15	03-May-15	-12
	External & Finishing Works	73	04-Feb-15	02-May-15	-11
	Electrical & Instrumentation Works	74	04-Feb-15	03-May-15	-23
	Mechanical Works	24	15-Feb-15	14-Mar-15	-23
	Flow Control Valve for Jaba Existing Balance Tank&Kafr Rai Existing PS Balance Tank	20	15-Feb-15	09-Mar-15	4
	(O&M),Inspection,Commissioning,Start Up & Training	221	01-Sep-14	31-May-15	-36
	Initial Operation & Manufacturer Technical Manual Submittals (O&M)	136	01-Sep-14	21-Feb-15	12
	Approval - Final Operation & Manufacturer Technical Manual Submittals (O&M)	124	20-Oct-14	23-Mar-15	12
	Certificate of Proper Installation for Installed Equipments&Installation (Pre Commissioning)	6	04-May-15	10-May-15	-23
	Training Phase	11	04-May-15	16-May-15	-23
	Comissioning & Start Up Phase for All System	5	26-May-15	31-May-15	-36
	Demobilization,Close Out&Handing Over	5	11-Jun-15	16-Jun-15	-45
	Project 3 Saadeh Well Pump Station Rehabilitation	25			
	P3 - Saadeh Well Pump Station Rehabilitation	25			
	Mobilization for P3	24			
	Execution	33			
	Demobilization,Close Out&Handing Over for P3	7			

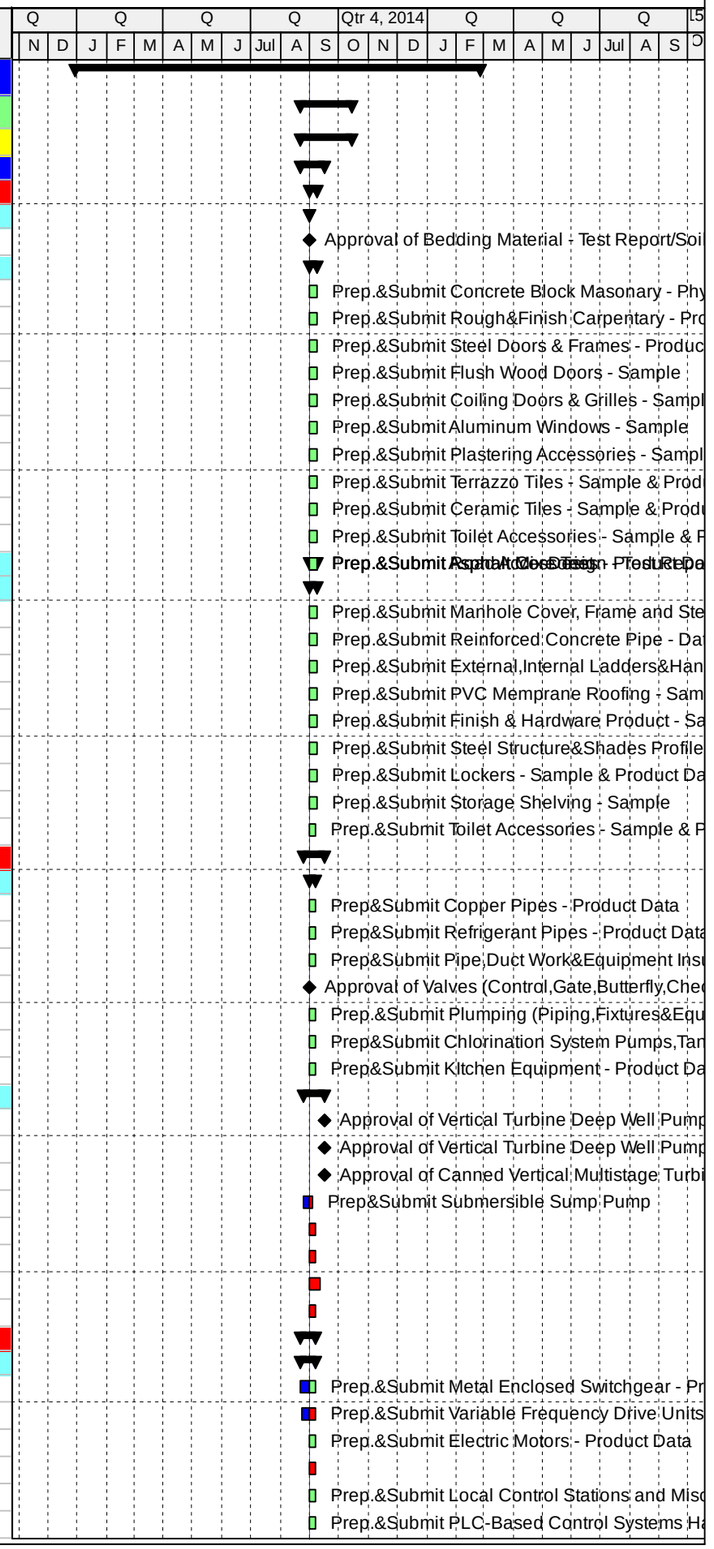


RFTOP WATER-294-13-00018 WELL REHABILITATION IMPROVEMENTS

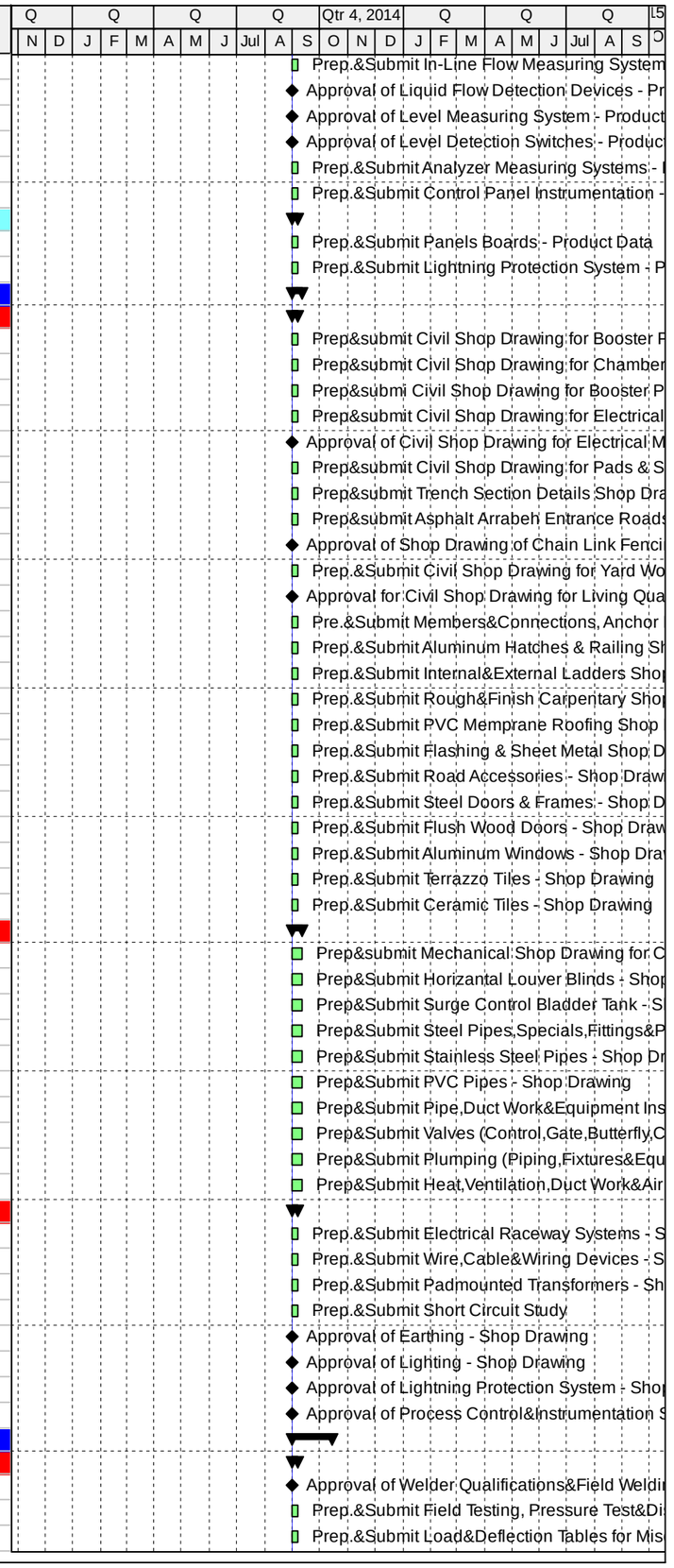
One Month Look Ahead

IRD International Relief & Development

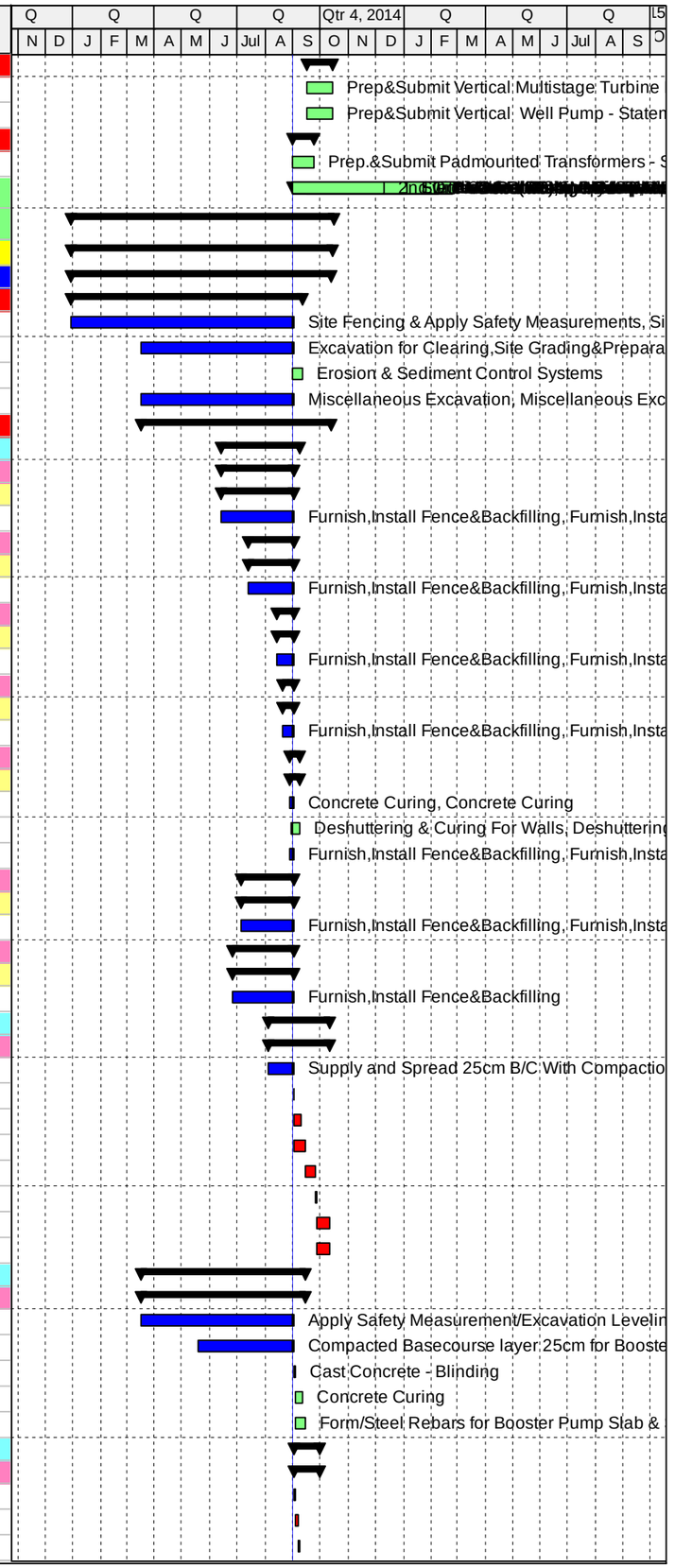
Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Total Float
RFTOP WATER-294-13-00018 WELL REHABILITATION & IMPROVEMENTS					
Submittals					
Construction Submittals					
Material Submittals					
Civil					
Earth Works					
CS265	Approval of Bedding Material - Test Report/Soil Classification	0		01-Sep-14	78
Building Works					
CS530	Prep.&Submit Concrete Block Masonary - Physical Samples & Test Report	7	01-Sep-14	08-Sep-14	96
CS690	Prep.&Submit Rough&Finish Carpentary - Product Data	7	01-Sep-14	08-Sep-14	129
CS770	Prep.&Submit Steel Doors & Frames - Product Data & Sample	7	01-Sep-14	08-Sep-14	129
CS780	Prep.&Submit Flush Wood Doors - Sample	7	01-Sep-14	08-Sep-14	129
CS810	Prep.&Submit Coiling Doors & Grilles - Sample & Product Data	7	01-Sep-14	08-Sep-14	128
CS820	Prep.&Submit Aluminum Windows - Sample	7	01-Sep-14	08-Sep-14	110
CS890	Prep.&Submit Plastering Accessories - Sample	7	01-Sep-14	08-Sep-14	90
CS910	Prep.&Submit Terrazzo Tiles - Sample & Product Data	7	01-Sep-14	08-Sep-14	129
CS930	Prep.&Submit Ceramic Tiles - Sample & Product Data	7	01-Sep-14	08-Sep-14	129
CS982	Prep.&Submit Toilet Accessories - Sample & Product Data	7	01-Sep-14	08-Sep-14	129
Roads Works					
Miscellaneous					
CS480	Prep.&Submit Manhole Cover, Frame and Steps - Product Data	7	01-Sep-14	08-Sep-14	132
CS510	Prep.&Submit Reinforced Concrete Pipe - Data Sheet & Certificates	7	01-Sep-14	08-Sep-14	74
CS610	Prep.&Submit External,Internal Ladders&Handrail - Product Data & Sample	7	01-Sep-14	08-Sep-14	128
CS700	Prep.&Submit PVC Memprane Roofing - Sample&Product Data	7	01-Sep-14	08-Sep-14	120
CS860	Prep.&Submit Finish & Hardware Product - Sample & Product Data	7	01-Sep-14	08-Sep-14	110
CS900	Prep.&Submit Steel Structure&Shades Profiles- Samples & Product Data	7	01-Sep-14	08-Sep-14	64
CS970	Prep.&Submit Lockers - Sample & Product Data	7	01-Sep-14	08-Sep-14	129
CS975	Prep.&Submit Storage Shelving - Sample	7	01-Sep-14	08-Sep-14	64
CS996	Prep.&Submit Toilet Accessories - Sample & Product Data	5	01-Sep-14	06-Sep-14	131
Mechanical					
Local Manufacturer					
CS341	Prep&Submit Copper Pipes - Product Data	5	01-Sep-14	06-Sep-14	24
CS351	Prep&Submit Refrigerant Pipes - Product Data	5	01-Sep-14	06-Sep-14	24
CS481	Prep&Submit Pipe,Duct Work&Equipment Insulation - Product Data	5	01-Sep-14	06-Sep-14	24
CS577	Approval of Valves (Control,Gate,Butterfly,Check,Ball,Pressure,,etc) - Product Data/Test Reports	0		01-Sep-14	50
CS581	Prep.&Submit Plumping (Piping,Fixtures&Equipment) - Product Data	5	01-Sep-14	06-Sep-14	54
CS677	Prep&Submit Chlorination System Pumps,Tanks,Drums,Injectors,Hose Pips.	5	01-Sep-14	06-Sep-14	133
CS688	Prep&Submit KItchen Equipment - Product Data	5	01-Sep-14	06-Sep-14	131
Abroad Manufacturer (Long Lead Items)					
CS227	Approval of Vertical Turbine Deep Well Pump - Arrabeh Well	0		15-Sep-14	0
CS229	Approval of Vertical Turbine Deep Well Pump - Sanur Well	0		16-Sep-14	14
CS237	Approval of Canned Vertical Multistage Turbine Booster Pump	0		15-Sep-14	15
CS251	Prep&Submit Submersible Sump Pump	5	01-Sep-14	03-Sep-14	-13
CS271	Prep&Submit Compressors, Tank-Mounted, Reciprocating	5	01-Sep-14	06-Sep-14	-3
CS291	Prep&Submit Horizantal Louver Blinds - Sample	5	01-Sep-14	06-Sep-14	-3
CS301	Prep&Submit Surge Control Bladder Tank - Certification,Product Data&Test report	10	01-Sep-14	11-Sep-14	-8
CS311	Prep&Submit Polyethylene Tank - Product Data	5	01-Sep-14	06-Sep-14	-3
Electrical					
Abroad Manufacturer (Long Lead Items)					
CS1140	Prep.&Submit Metal Enclosed Switchgear - Product Data	5	01-Sep-14	06-Sep-14	13
CS1170	Prep.&Submit Variable Frequency Drive Units 400V - Product Data	5	01-Sep-14	06-Sep-14	-13
CS1190	Prep.&Submit Electric Motors - Product Data	5	01-Sep-14	06-Sep-14	13
CS1220	Prep.&Submit Low Voltage Motor Control Center - Product Data	5	01-Sep-14	06-Sep-14	-5
CS1230	Prep.&Submit Local Control Stations and Miscellaneous Electrical Devices - Product Data	5	01-Sep-14	06-Sep-14	1
CS1280	Prep.&Submit PLC-Based Control Systems Hardware&Software - Product Data	5	01-Sep-14	06-Sep-14	13



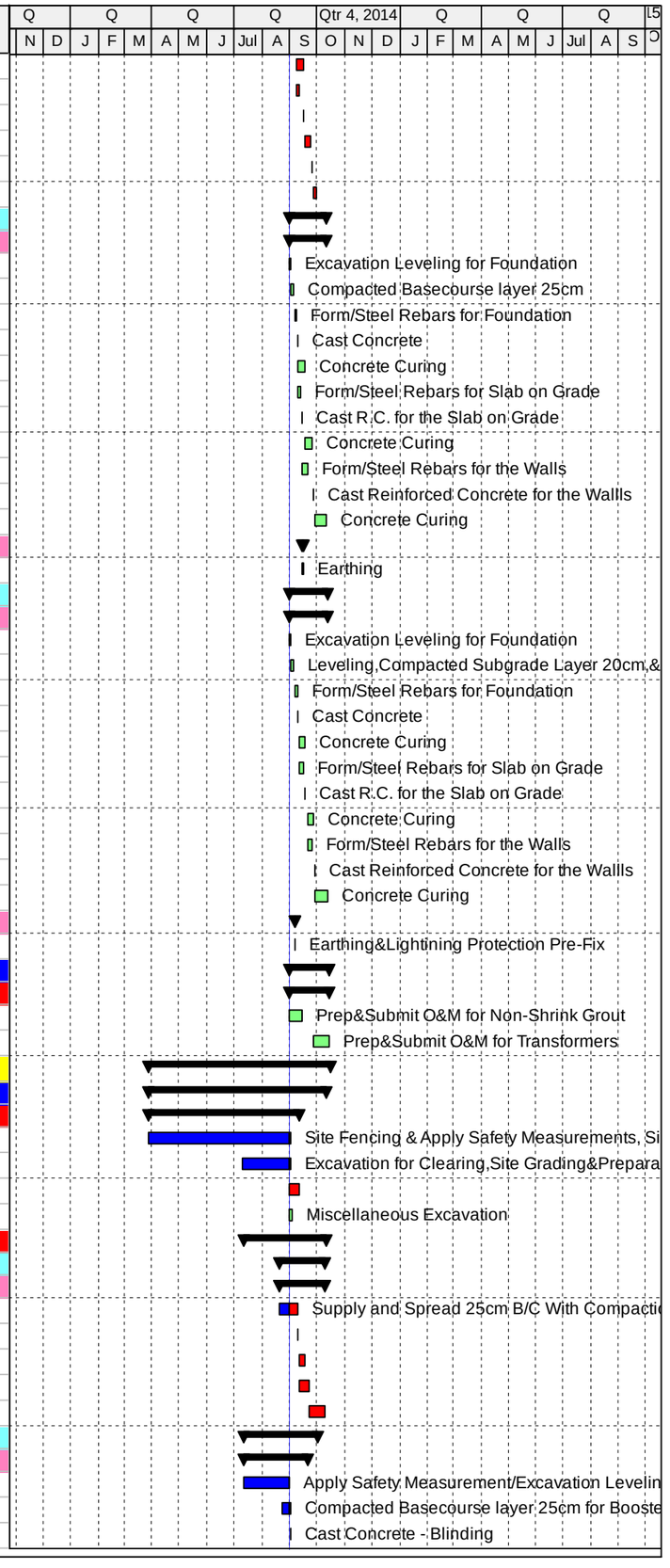
Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Total Float
CS1290	Prep.&Submit In-Line Flow Measuring Systems - Product Data	5	01-Sep-14	06-Sep-14	13
CS1305	Approval of Liquid Flow Detection Devices - Product Data	0		01-Sep-14	32
CS1315	Approval of Level Measuring System - Product Data&Certificates	0		01-Sep-14	44
CS1325	Approval of Level Detection Switches - Product Data&Certificates	0		01-Sep-14	44
CS1350	Prep.&Submit Analyzer Measuring Systems - Product Data&Certificates	5	01-Sep-14	06-Sep-14	1
CS1360	Prep.&Submit Control Panel Instrumentation - Product Data&Certificates	5	01-Sep-14	06-Sep-14	40
Local Manufacturer					
CS1210	Prep.&Submit Panels Boards - Product Data	5	01-Sep-14	06-Sep-14	38
CS1250	Prep.&Submit Lightning Protection System - Product Data	5	01-Sep-14	06-Sep-14	122
Shop Drawings					
Civil					
CS326	Prep&submit Civil Shop Drawing for Booster Pump Including Steel Structure-Arrabeh	5	01-Sep-14	06-Sep-14	204
CS334	Prep&submit Civil Shop Drawing for Chambers&Structural Elemments Detailed Reinforcement - Arr	5	01-Sep-14	06-Sep-14	90
CS375	Prep&submi Civil Shop Drawing for Booster Pump Including Steel Structure-Sanour	5	01-Sep-14	06-Sep-14	66
CS380	Prep&submit Civil Shop Drawing for Electrical & Control Building	5	01-Sep-14	06-Sep-14	11
CS395	Approval of Civil Shop Drawing for Electrical Metering Building	0		01-Sep-14	77
CS410	Prep&submit Civil Shop Drawing for Pads & Slabs	5	01-Sep-14	06-Sep-14	37
CS430	Prep&submit Trench Section Details Shop Drawing	5	01-Sep-14	06-Sep-14	111
CS454	Prep&submit Asphalt Arrabeh Entrance Roads Shop Drawing	5	01-Sep-14	06-Sep-14	137
CS495	Approval of Shop Drawing of Chain Link Fencing & Gates - Arrabeh&Sanour	0		01-Sep-14	147
CS625	Prep.&Submit Civil Shop Drawing for Yard Works-Sanour	5	01-Sep-14	06-Sep-14	69
CS637	Approval for Civil Shop Drawing for Living Quarters Building - Sanour	0		01-Sep-14	22
CS640	Pre.&Submit Members&Connections, Anchor Bolts Layout	5	01-Sep-14	06-Sep-14	47
CS660	Prep.&Submit Aluminum Hatches & Railing Shop Drawings	5	01-Sep-14	06-Sep-14	98
CS670	Prep.&Submit Internal&External Ladders Shop Drawings	5	01-Sep-14	06-Sep-14	130
CS680	Prep.&Submit Rough&Finish Carpentary Shop Drawings	5	01-Sep-14	06-Sep-14	132
CS710	Prep.&Submit PVC Memprane Roofing Shop Drawings	5	01-Sep-14	06-Sep-14	134
CS730	Prep.&Submit Flashing & Sheet Metal Shop Drawing	5	01-Sep-14	06-Sep-14	66
CS750	Prep.&Submit Road Accessories - Shop Drawing	5	01-Sep-14	06-Sep-14	132
CS790	Prep.&Submit Steel Doors & Frames - Shop Drawing	5	01-Sep-14	06-Sep-14	132
CS800	Prep.&Submit Flush Wood Doors - Shop Drawing	5	01-Sep-14	06-Sep-14	129
CS840	Prep.&Submit Aluminum Windows - Shop Drawing	5	01-Sep-14	06-Sep-14	112
CS880	Prep.&Submit Terrazzo Tiles - Shop Drawing	5	01-Sep-14	06-Sep-14	131
CS920	Prep.&Submit Ceramic Tiles - Shop Drawing	5	01-Sep-14	06-Sep-14	131
Mechanical					
CS340	Prep&submit Mechanical Shop Drawing for Chambers	10	01-Sep-14	11-Sep-14	85
CS441	Prep&Submit Horizantal Louver Blinds - Shop Drawing	10	01-Sep-14	11-Sep-14	121
CS451	Prep&Submit Surge Control Bladder Tank - Shop Drawing	10	01-Sep-14	11-Sep-14	81
CS491	Prep&Submit Steel Pipes,Specials,Fittings&Pipes Supports - Shop Drawing	10	01-Sep-14	11-Sep-14	42
CS501	Prep&Submit Stainless Steel Pipes - Shop Drawing	10	01-Sep-14	11-Sep-14	129
CS541	Prep&Submit PVC Pipes - Shop Drawing	10	01-Sep-14	11-Sep-14	133
CS551	Prep&Submit Pipe,Duct Work&Equipment Insulation - Shop Drawing	10	01-Sep-14	11-Sep-14	128
CS561	Prep&Submit Valves (Control,Gate,Butterfly,Check,Ball,Pressure,,etc) - Shop Drawing	10	01-Sep-14	11-Sep-14	48
CS591	Prep&Submit Plumping (Piping,Fixtures&Equipment) - Shop Drawing	10	01-Sep-14	11-Sep-14	100
CS611	Prep&Submit Heat,Ventilation,Duct Work&Air Conditioning Equipment - Shop Drawing	10	01-Sep-14	11-Sep-14	128
Electrical					
CS671	Prep.&Submit Electrical Raceway Systems - Shop Drawing	5	01-Sep-14	06-Sep-14	117
CS681	Prep.&Submit Wire,Cable&Wiring Devices - Shop Drawing	5	01-Sep-14	06-Sep-14	117
CS711	Prep.&Submit Padmounted Transformers - Shop Drawing	5	01-Sep-14	06-Sep-14	131
CS731	Prep.&Submit Short Circuit Study	5	01-Sep-14	06-Sep-14	66
CS747	Approval of Earthing - Shop Drawing	0		01-Sep-14	-7
CS827	Approval of Lighting - Shop Drawing	0		01-Sep-14	140
CS837	Approval of Lightning Protection System - Shop Drawing	0		01-Sep-14	153
CS857	Approval of Process Control&Instrumentation System - Shop Drawing	0		01-Sep-14	163
Methods Statement & Work Plans					
Civil					
CS1058	Approval of Welder Qualifications&Field Welding Procedure	0		01-Sep-14	78
CS1391	Prep.&Submit Field Testing, Pressure Test&Disinfection Plan	5	01-Sep-14	06-Sep-14	95
CS2160	Prep.&Submit Load&Deflection Tables for Miscellanios Metal Works	5	01-Sep-14	06-Sep-14	66



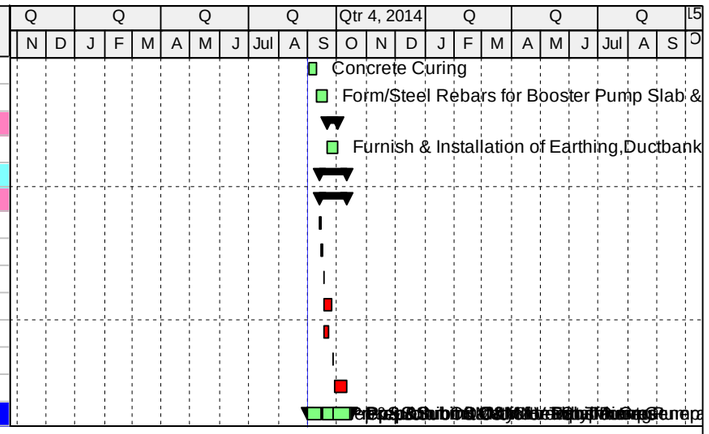
Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Total Float
Mechanical					
CS1411	Prep&Submit Vertical Multistage Turbine Booster Pump - Statements	20	16-Sep-14	14-Oct-14	99
CS2170	Prep&Submit Vertical Well Pump - Statements	20	16-Sep-14	14-Oct-14	99
Electrical					
CS1431	Prep.&Submit Padmounted Transformers - Statements	20	01-Sep-14	23-Sep-14	125
Procurement					
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-000005	Site Fencing & Apply Safety Measurements	3	01-Sep-14	02-Sep-14	234
P1-DEMO-000010	Excavation for Clearing,Site Grading&Preparation	7	01-Sep-14	02-Sep-14	225
P1-DEMO-000020	Erosion & Sediment Control Systems	10	01-Sep-14	11-Sep-14	225
P1-DEMO-000030	Miscellaneous Excavation	3	01-Sep-14	01-Sep-14	235
Construction of New Pump Station					
Retaining Walls					
Retaining Wall Group # 1 (St.36+40 to St.55+60)					
Civil & Structural Works					
P1-RT-95	Furnish,Install Fence&Backfilling	2	01-Sep-14	01-Sep-14	159
Retaining Wall Group # 2 (St.55+60 to St.78+80)					
Civil & Structural Works					
P1-RT-180	Furnish,Install Fence&Backfilling	2	01-Sep-14	02-Sep-14	234
Retaining Wall Group # 3 (St.78+80 to St.102+00)					
Civil & Structural Works					
P1-RT-270	Furnish,Install Fence&Backfilling	2	01-Sep-14	01-Sep-14	234
Boundary Wall Group # 4 A -(St-102+00 to St.126+80)					
Civil & Structural Works					
P1-RT-360	Furnish,Install Fence&Backfilling	2	01-Sep-14	01-Sep-14	234
Boundary Wall Group # 4 B -(St.126+80 to St.140+20)					
Civil & Structural Works					
P1-RT-610	Concrete Curing	7	01-Sep-14	02-Sep-14	234
P1-RT-620	Deshuttering & Curing For Walls	7	01-Sep-14	08-Sep-14	228
P1-RT-630	Furnish,Install Fence&Backfilling	2	01-Sep-14	01-Sep-14	234
Retaining Wall Group # 5 -(St. 30+40 to St.36+40)					
Civil & Structural Works					
P1-RT-450	Furnish,Install Fence&Backfilling	2	01-Sep-14	01-Sep-14	234
Retaining Wall Group # 6 -(St.00+00 to St.30+40)					
Civil & Structural Works					
P1-RT-540	Furnish,Install Fence&Backfilling	2	01-Sep-14	01-Sep-14	-3
Balance Tank 1000 m3					
Civil & Structural Works					
P1-BT-000020	Supply and Spread 25cm B/C With Compaction Test & under ground Piping (Perforated Pipes)	10	01-Sep-14	01-Sep-14	-14
P1-BT-000030	Casting Lean Concrete Under Balance Tank	1	01-Sep-14	02-Sep-14	-14
P1-BT-000040	Concrete Curing	7	02-Sep-14	10-Sep-14	-14
P1-BT-000050	Form/Steel Rebars for Base Slab/Installing Water Stop	10	02-Sep-14	14-Sep-14	-14
P1-BT-000060	Internal Formwork for 1st Group Blocks (Costruction Joints)	10	14-Sep-14	25-Sep-14	-14
P1-BT-000070	Casting Concrete for 1st Group Blocks	1	25-Sep-14	27-Sep-14	-14
P1-BT-000080	Deshuttering/Steel Rebars Cleaning	7	27-Sep-14	11-Oct-14	-12
P1-BT-000090	Concrete Curing	8	27-Sep-14	12-Oct-14	-14
Booster Pump System					
Civil & Structural Works					
P1-BP-000040	Apply Safety Measurement/Excavation Leveling for Foundation	1	01-Sep-14	01-Sep-14	235
P1-BP-000050	Compacted Basecourse layer 25cm for Booster Pump Slab	2	01-Sep-14	02-Sep-14	84
P1-BP-000060	Cast Concrete - Blinding	1	02-Sep-14	03-Sep-14	84
P1-BP-000070	Concrete Curing	7	03-Sep-14	11-Sep-14	86
P1-BP-000080	Form/Steel Rebars for Booster Pump Slab & Steel Burrel Encasement	9	03-Sep-14	14-Sep-14	84
Septic & Seepage Tank					
Civil & Structural Works					
P1-SS-000040	Excavation for Foundation,Furnishing Leveling&Compaction	2	02-Sep-14	03-Sep-14	-3
P1-SS-000050	Form/Steel Rebars for Base Slab & Ring Beam Including Water Stop	2	04-Sep-14	06-Sep-14	-3
P1-SS-000060	Cast R.C. for Base Slab & Ring Beam	1	07-Sep-14	07-Sep-14	-3



Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Total Float
P1-SS-000070	Concrete Curing	7	08-Sep-14	15-Sep-14	-3
P1-SS-000080	Form/Steel Rebars for the Walls	4	08-Sep-14	11-Sep-14	0
P1-SS-000090	Cast Reinforced Concrete for the Wallls	1	16-Sep-14	16-Sep-14	-3
P1-SS-000100	Concrete Curing	7	17-Sep-14	24-Sep-14	-3
P1-SS-000110	Deshuttering & Curing For Walls	1	25-Sep-14	25-Sep-14	-3
P1-SS-000120	Form/Steel Rebars for the Roof Slab	4	27-Sep-14	30-Sep-14	-3
Living Quarters Building					
Civil & Structural Works					
P1-LQ-000030	Excavation Leveling for Foundation	1	01-Sep-14	01-Sep-14	53
P1-LQ-000040	Compacted Basecourse layer 25cm	3	02-Sep-14	04-Sep-14	53
P1-LQ-000050	Form/Steel Rebars for Foundation	3	06-Sep-14	08-Sep-14	53
P1-LQ-000060	Cast Concrete	1	09-Sep-14	09-Sep-14	53
P1-LQ-000070	Concrete Curing	7	10-Sep-14	17-Sep-14	53
P1-LQ-000080	Form/Steel Rebars for Slab on Grade	3	10-Sep-14	13-Sep-14	56
P1-LQ-000090	Cast R.C. for the Slab on Grade	1	14-Sep-14	14-Sep-14	56
P1-LQ-000100	Concrete Curing	7	18-Sep-14	25-Sep-14	53
P1-LQ-000110	Form/Steel Rebars for the Walls	5	15-Sep-14	20-Sep-14	58
P1-LQ-000120	Cast Reinforced Concrete for the Wallls	1	27-Sep-14	27-Sep-14	53
P1-LQ-000130	Concrete Curing	7	28-Sep-14	11-Oct-14	53
Electrical & Instrumentation Works					
P1-LQ-E-00010	Earthing	1	15-Sep-14	15-Sep-14	84
Electrical Metering Building					
Civil & Structural Works					
P1-EM-000030	Excavation Leveling for Foundation	1	01-Sep-14	01-Sep-14	78
P1-EM-000040	Leveling,Compacted Subgrade Layer 20cm,&Piping	3	02-Sep-14	04-Sep-14	78
P1-EM-000050	Form/Steel Rebars for Foundation	4	06-Sep-14	09-Sep-14	78
P1-EM-000060	Cast Concrete	1	10-Sep-14	10-Sep-14	78
P1-EM-000070	Concrete Curing	7	11-Sep-14	18-Sep-14	78
P1-EM-000080	Form/Steel Rebars for Slab on Grade	5	11-Sep-14	16-Sep-14	79
P1-EM-000090	Cast R.C. for the Slab on Grade	1	17-Sep-14	17-Sep-14	79
P1-EM-000100	Concrete Curing	7	20-Sep-14	27-Sep-14	78
P1-EM-000110	Form/Steel Rebars for the Walls	5	21-Sep-14	25-Sep-14	79
P1-EM-000120	Cast Reinforced Concrete for the Wallls	1	28-Sep-14	28-Sep-14	78
P1-EM-000130	Concrete Curing	7	29-Sep-14	12-Oct-14	85
Electrical & Instrumentation Works					
P1-EM-E-00010	Earthing&Lightining Protection Pre-Fix	1	06-Sep-14	06-Sep-14	154
(O&M),Inspection,Commissioning,Start Up & Training for P1					
Initial Operation & Manufacturer Technical Manual Submittals (O&M)					
P1-OM-430	Prep&Submit O&M for Non-Shrink Grout	12	01-Sep-14	14-Sep-14	72
P1-OM-590	Prep&Submit O&M for Transformers	10	27-Sep-14	14-Oct-14	115
Project 2 Sanur Well Pump Stations Rehabilitation & Infrastructure Improvements					
P2: Sanur Well Pump Station Infrastructure Improvement					
Demolishing,Site Development,Apply Safety Measurments&Site Preparation					
P2-DEMO-35	Site Fencing & Apply Safety Measurements	3	01-Sep-14	01-Sep-14	235
P2-DEMO-40	Excavation for Clearing,Site Grading&Preparation	7	01-Sep-14	02-Sep-14	-23
P2-DEMO-50	Erosion & Sediment Control Systems	10	01-Sep-14	11-Sep-14	-23
P2-DEMO-70	Miscellaneous Excavation	3	01-Sep-14	03-Sep-14	232
Construction of New Pump Station					
Balance Tank 1000 m3					
Civil & Structural Works					
P2-BT-330	Supply and Spread 25cm B/C With Compaction Test & under ground Piping (Perforated Pipes)	10	01-Sep-14	09-Sep-14	-45
P2-BT-340	Casting Lean Concrete Under Balance Tank	1	10-Sep-14	10-Sep-14	-45
P2-BT-350	Concrete Curing	7	11-Sep-14	18-Sep-14	-45
P2-BT-360	Form/Steel Rebars for Base Slab/Installing Water Stop	10	11-Sep-14	22-Sep-14	-45
P2-BT-370	Internal Formwork for 1st Group Blocks (Costruction Joints)	10	23-Sep-14	09-Oct-14	-45
Booster Pump System					
Civil & Structural Works					
P2-BP-130	Apply Safety Measurement/Excavation Leveling for Foundation	1	01-Sep-14	01-Sep-14	235
P2-BP-140	Compacted Basecourse layer 25cm for Booster Pump Slab	2	01-Sep-14	01-Sep-14	42
P2-BP-150	Cast Concrete - Blinding	1	01-Sep-14	02-Sep-14	42



Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Total Float
P2-BP-160	Concrete Curing	7	02-Sep-14	10-Sep-14	42
P2-BP-170	Form/Steel Rebars for Booster Pump Slab & Steel Burrel Encasement	9	10-Sep-14	21-Sep-14	42
Electrical & Instrumentation Works					
P2-BP-E-50	Furnish & Installation of Earthing,Ductbanks&Raceway	10	21-Sep-14	02-Oct-14	42
Septic & Seepage Tank					
Civil & Structural Works					
P2-SS-220	Excavation for Foundation,Leveling,Subgrade layers Compacted	2	13-Sep-14	14-Sep-14	-23
P2-SS-230	Form/Steel Rebars for Base Slab & Ring Beam Including Water Stop	2	15-Sep-14	16-Sep-14	-23
P2-SS-240	Cast R.C. for Base Slab & Ring Beam	1	17-Sep-14	17-Sep-14	-23
P2-SS-250	Concrete Curing	7	18-Sep-14	25-Sep-14	-23
P2-SS-260	Form/Steel Rebars for the Walls	4	18-Sep-14	22-Sep-14	-20
P2-SS-270	Cast Reinforced Concrete for the Wallls	1	27-Sep-14	27-Sep-14	-23
P2-SS-280	Concrete Curing	7	28-Sep-14	11-Oct-14	-23
(O&M),Inspection,Commissioning,Start Up & Training					



ARW 22.2 "S" Curve

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.

INTERNATIONAL RELIEF AND DEVELOPMENT, IRD

USAID-INFRSTRUCTURE NEEDS PROGRAM (INP)

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

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

PROJECT 1 Arrabeh Well Pump Station - Rehabilitation and Infrastructure Improvements

	USD
Total Contract Value Less Day Work:	$6,516,970.57
NTP (Notice to Proceed)	23-Oct-13
Duration of Contract:	550 CD
Completion Date:	25-Apr-15
Data Date:	

PROJECT 2 Sanur Well Pump Station - Rehabilitation and Infrastructure Improvements

	USD
Total Contract Value Less Day Work:	$7,011,251.36
NTP (Notice to Proceed)	23-Oct-13
Duration of Contract:	550 CD
Completion Date:	25-Apr-15
Data Date:	

PROJECT 3 Saadeh Well Pump Station - Rehabilitation

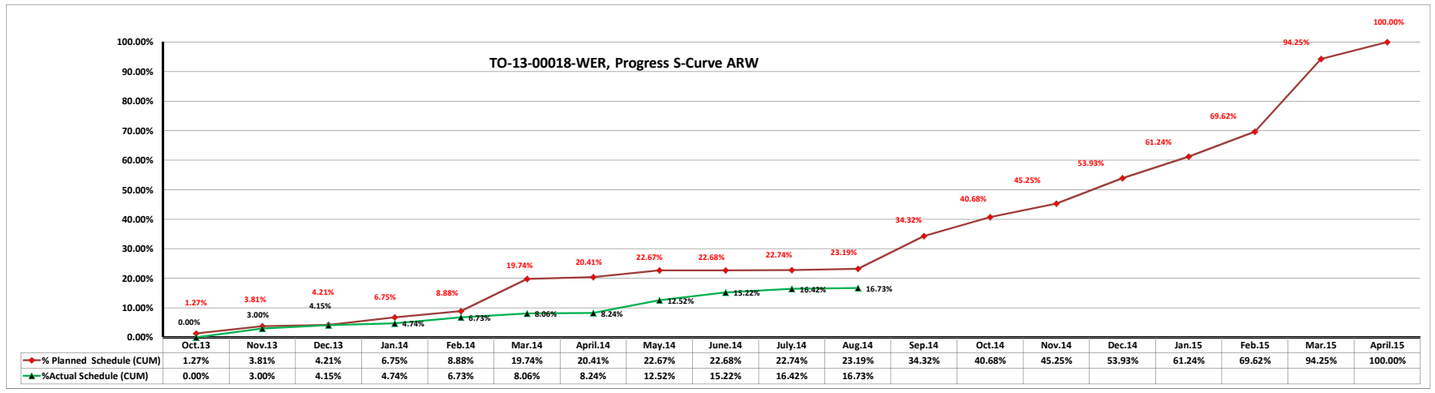
	USD
Total Contract Value Less Day Work:	$493,634.98
Revised Total Contract Value Less Day Work:	$376,334.82
NTP (Notice to Proceed)	23-Oct-13
Duration of Contract:	120 CD
Completion Date:	19-Feb-14
Revised Completion Date :	11-Mar-14
Data Date:	

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

	USD
Total Contract Value Less Day Work:	$14,021,856.91
Day Work Value:	$700,000.00
Total Contract Value Including Day Work:	$14,721,856.91
Revised Total Contract Value Less Day Work:	$13,904,556.73
Day Work Value:	$817,300.18
Total Contract Value Including Day Work:	$14,721,856.91

PROGRESS S-CURVE & CASH FLOW SCHEDULE

	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	TOTAL
Planned Schedule Value	$82,755.18	$165,510.37	$26,232.56	$165,634.50	$138,884.18	$707,403.93	$43,377.32	$147,314.16	$1,081.74	$3,588.59	$29,267.90	$725,813.31	$414,044.16	$297,923.42	$565,839.48	$476,014.65	$546,154.18	$1,605,620.26	$374,510.68	$6,516,970.57
Planned Schedule Value (CUM)	$72,410.79	$248,265.55	$367,626.28	$760,860.11	$1,286,213.66	$1,338,951.45	$1,377,861.99	$1,524,241.22	$1,640,561.44	$1,705,086.54	$1,989,339.32	$2,316,442.31	$2,566,877.13	$3,020,066.20	$5,031,015.15	$5,701,268.52	$6,150,326.17	$6,419,370.07	$6,516,970.57	$6,516,970.57
Actual Schedule Value	$30,488.75	$113,243.94	$107,409.99	$57,661.93	$129,937.14	$86,541.01	$11,545.01	$279,220.52	$175,884.31	$78,392.48	$20,177.94									
Actual Schedule Value (CUM)	$30,488.75	$143,732.69	$251,142.68	$308,804.61	$438,741.75	$525,282.76	$536,827.77	$816,048.29	$991,932.60	$1,070,325.08	$1,090,503.02									
% Planned Schedule	1.27%	2.54%	0.40%	2.54%	2.13%	10.85%	0.67%	2.26%	0.02%	0.06%	0.45%	11.14%	6.35%	4.57%	8.68%	7.30%	8.38%	24.64%	5.75%	100%
% Planned Schedule (CUM)	1.27%	3.81%	4.21%	6.75%	8.88%	19.74%	20.41%	22.67%	22.68%	22.74%	23.19%	34.32%	40.68%	45.25%	53.93%	61.24%	69.62%	94.25%	100.00%	100%
% Actual Schedule	0.00%	3.00%	1.15%	0.88%	1.99%	1.33%	0.18%	4.28%	2.70%	1.20%	0.31%									
%Actual Schedule (CUM)	0.00%	3.00%	4.15%	4.74%	6.73%	8.06%	8.24%	12.52%	15.22%	16.42%	16.73%									



	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
% Planned Schedule (CUM)	1.27%	3.81%	4.21%	6.75%	8.88%	19.74%	20.41%	22.67%	22.68%	22.74%	23.19%	34.32%	40.68%	45.25%	53.93%	61.24%	69.62%	94.25%	100.00%
%Actual Schedule (CUM)	0.00%	3.00%	4.15%	4.74%	6.73%	8.06%	8.24%	12.52%	15.22%	16.42%	16.73%								

ARW 22.2 "S" Curve

INTERNATIONAL RELIEF AND DEVELOPMENT, IRD

USAID-INFRSTRUCTURE NEEDS PROGRAM (INP)

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

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

PROJECT 1 Arrabeh Well Pump Station - Rehabilitation and Infrastructure Improvements

	USD
Total Contract Value Less Day Work:	$6,516,970.57
NTP (Notice to Proceed)	23-Oct-13
Duration of Contract:	550 CD
Completion Date:	25-Apr-15
Data Date:	

PROJECT 2 Sanur Well Pump Station - Rehabilitation and Infrastructure Improvements

	USD
Total Contract Value Less Day Work:	$7,011,251.36
NTP (Notice to Proceed)	23-Oct-13
Duration of Contract:	550 CD
Completion Date:	25-Apr-15
Data Date:	

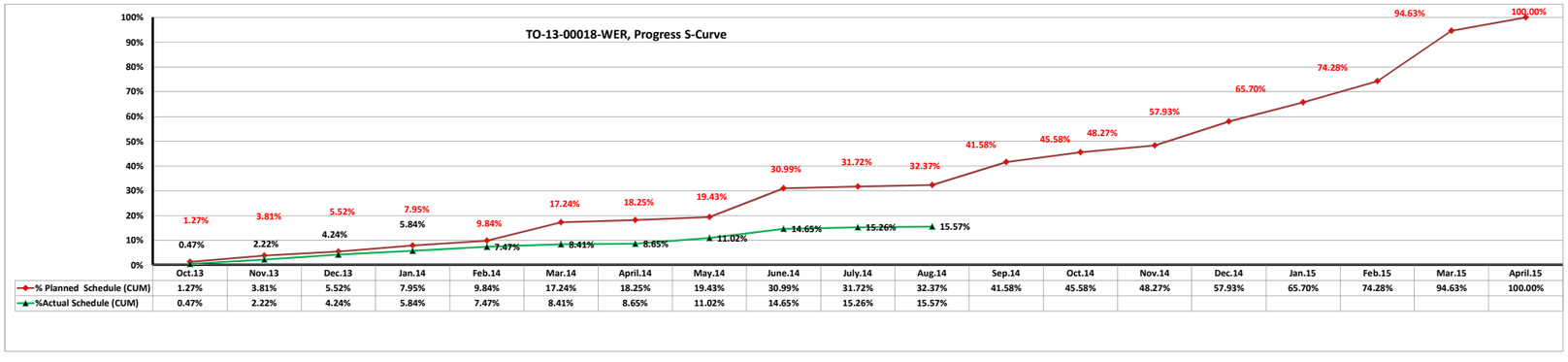
PROJECT 3 Saadeh Well Pump Station - Rehabilitation

	USD
Total Contract Value Less Day Work:	$493,634.98
Revised Total Contract Value Less Day Work:	$376,334.82
NTP (Notice to Proceed)	23-Oct-13
Duration of Contract:	120 CD
Completion Date:	19-Feb-14
Revised Completion Date :	11-Mar-14
Data Date:	

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

	USD
Total Contract Value Less Day Work:	$14,021,856.91
Day Work Value:	$700,000.00
Total Contract Value Including Day Work:	$14,721,856.91
Revised Total Contract Value Less Day Work:	$13,904,556.73
Day Work Value:	$817,300.18
Total Contract Value Including Day Work:	$14,721,856.91

	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	TOTAL
Planned Schedule Value	$178,055.32	$356,110.65	$239,531.63	$340,863.76	$265,630.41	$1,036,569.88	$142,064.98	$165,787.18	$1,621,107.65	$101,526.35	$91,263.33	$1,291,207.84	$561,137.67	$377,098.76	$1,355,243.65	$1,089,356.97	$1,203,071.89	$2,853,307.27	$752,921.71	$14,021,856.90
Planned Schedule Value (CUM)	$178,055.32	$534,165.97	$773,697.60	$1,114,561.36	$2,150,197.13	$2,557,813.97	$2,770,192.54	$2,952,502.65	$3,131,594.56	$3,442,262.83	$4,203,487.84	$5,367,910.89	$6,057,671.91	$7,182,846.02	$11,786,324.99	$12,656,319.68	$13,283,860.66	$13,781,338.08	$14,021,856.90	$14,021,856.90
Actual Schedule Value	$65,599.32	$243,654.67	$280,936.19	$221,497.26	$226,373.76	$130,651.66	$34,462.58	$328,945.65	$504,672.93	$85,017.98	$43,447.25									
Actual Schedule Value (CUM)	$65,599.32	$309,253.99	$590,190.18	$811,687.44	$1,038,061.20	$1,168,712.86	$1,203,175.44	$1,532,121.09	$2,036,794.02	$2,121,812.00	$2,165,259.25									
% Planned Schedule	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%	9.67%	7.77%	8.58%	20.35%	5.37%	100%
% Planned Schedule (CUM)	1.27%	3.81%	5.52%	7.95%	9.84%	17.24%	18.25%	19.43%	30.99%	31.72%	32.37%	41.58%	45.58%	48.27%	57.93%	65.70%	74.28%	94.63%	100.00%	100%
% Actual Schedule	0.47%	1.75%	2.02%	1.59%	1.63%	0.94%	0.25%	2.37%	3.63%	0.61%	0.31%									
%Actual Schedule (CUM)	0.47%	2.22%	4.24%	5.84%	7.47%	8.41%	8.65%	11.02%	14.65%	15.26%	15.57%									



	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
% Planned Schedule (CUM)	1.27%	3.81%	5.52%	7.95%	9.84%	17.24%	18.25%	19.43%	30.99%	31.72%	32.37%	41.58%	45.58%	48.27%	57.93%	65.70%	74.28%	94.63%	100.00%
%Actual Schedule (CUM)	0.47%	2.22%	4.24%	5.84%	7.47%	8.41%	8.65%	11.02%	14.65%	15.26%	15.57%								

ARW 22.2 "S" Curve

ARW 22.3 Site Memos Log

International Relief & Development

Infrastructure Needs Program- INP

USAID Contract No. AID-294-I-00-12-00003

Project: Wells Rehabilitation Project

NOA Date: September 23, 2014
NTP Date: October 25, 2014
Current as Date: September 2, 2014

Site Memoranda From Engineer To Contractor (SM)

Number	Description/Subject	Date Received	Response Date	Comments
There were no SM issued for the project during the current reporting period				

ARW 22.4 Material or Equipment Delivered to Site Log

IRD International Relief & Development

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	August 3, 2014	Base course	40 m³	Arraba Location
2	August 4, 2014	Base course	60 m³	Arraba Location
3	August 5, 2014	Base course	20 m³	Arraba Location
4		Pea Gravel	6.5 m³	Arraba Location
5		Drain rock	6 m³	Arraba Location
6		Reinforcement steel	6.063 T	Arraba Location
7	August 6, 2014	Base course	40 m³	Arraba Location
8		Pea Gravel	2.5 m³	Arraba Location
9		Drain rock	7.5 m³	Arraba Location
10	August 7, 2014	Base course	40 m³	Arraba Location
11	August 9, 2014	Base course	40 m³	Arraba Location
12	August 10, 2014	Base course	40 m³	Arraba Location
13	August 11, 2014	Base course	20 m³	Arraba Location
14		Pea Gravel	7.5 m³	Arraba Location
15	August 13, 2014	Single Size Aggregate	20 m³	Arraba Location
16	August 14, 2014	Base Course	50 m³	Arraba Location
17		Concrete B 350	35 m³	Arraba Location
18	August 17, 2014	Base Course	25 m³	Arraba Location
19	August 18, 2014	Base Course	50 m³	Arraba Location
20	August 19, 2014	Base Course	50 m³	Arraba Location
21	August 20, 2014	Base Course	50 m³	Arraba Location
22	August 21, 2014	Concrete B-35	37 m³	Arraba Location
23		Base Course	25 m³	Arraba Location
24	August 23, 2014	Base Course	25 m³	Arraba Location
25	August 24, 2014	Base Course	120 m3	Arraba Location
26	August 27, 2014	Reinforcement Steel Ø16 and Ø22 mm	24.179 T	Arraba Location
27	August 28, 2014	Concrete B350	34.8 m³	Arraba Location

International Relief & Development

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	August 1, 2014	JCB Back Hole -1993			1
2		Steel Roller			1
3		Hand-Steel Roller			1
4		Level			1
5		Total Station			1
6		Concrete Vibrator			3
7	August 2, 2014	JCB Back Hole-1993-1	1	8	
8		Steel Roller	1	4	
9		Hand-Steel Roller	1	4	
10		Tractor	1	8	
11		Level	1	8	
12		Total Station	1	8	
13		Concrete Vibrator			3
14		Mercedes 416 -2002	1	8	
15	August 3, 2014	JCB Back Hole-1993-1	1	8	
16		Steel Roller	1	8	
17		Hand-Steel Roller			1
18		Mercedes 416 -2002	1	8	
19		Level	1	8	
20		Total Station	1	8	
21		Concrete Vibrator			3
22	August 4, 2014	JCB Back Hole-1993-1	1	8	
23		Steel Roller	1	8	
24		Hand-Steel Roller			1
25		Level	1	8	
26		Total Station	1	8	
27		Concrete Vibrator			3
28		Mercedes 416 -2002	1	8	
29	August 5, 2014	Backhoe-JCB 1993-1	1	8	
30		Steel Roller (Compactor)	1	8	
31		Steel Plate Compactor			1
32		Level Surveying	1	8	
33		Total Station	1	8	
34		Concrete Vibrator			3
35		Mercedes 416 -2002	1	8	
36	August 6, 2014	Backhoe-JCB -1993-1	1	8	
37		Steel Roller (Compactor)	1	4	
38		Steel Plate Compactor	1	4	
39		Level Surveying	1	8	
40		Total Station	1	8	
41		Concrete Vibrator			3
42		Mercedes 416 -2002	1	8	

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
43	August 7, 2014	JCB Back hoe-1993-1	1	8	
44		Steel Roller	1	4	
45		Plate Compactor	1	4	
46		Level Surveying	1	8	
47		Total Station	1	8	
48		Concrete Vibrator			3
49		Mercedes 416 -2002	1	8	
50	August 8, 2014	JCB Backhoe -1993			1
51		Steel Roller (Compactor)			1
52		Plate Compactor			1
53		Level Surveying			1
54		Total Station			1
55		Concrete Vibrator			3
56	August 9, 2014	JCB Backhoe-1993-1	1	8	
57		Steel Roller (Compactor)	1	8	
58		Plate compactor			1
59		Level Surveying	1	8	
60		Total Station	1	8	
61		Concrete Vibrator			3
62		Mercedes 416 -2002	1	8	
63	August 10, 2014	JCB Backhoe-1993-1	1	8	
64		Steel Roller (Compactor)	1	8	
65		Plate compactor			1
66		Level Surveying	1	8	
67		Total Station	1	8	
68		Concrete Vibrator			3
69		Mercedes 416 -2002	1	8	
70	August 11, 2014	JCB Back Hole-1993-1	1	8	
71		Steel Roller	1	4	
72		Hand-Steel Roller	1	4	
73		Level	1	8	
74		Total Station	1	8	
75		Concrete Vibrator			3
76	August 12, 2014	JCB Back Hole-1993-1	1	8	
77		Steel Roller	1	4	
78		Hand-Steel Roller	1	4	
79		Level	1	4	
80		Total Station	1	4	
81		Concrete Vibrator			3
82		Mercedes 416 -2002	1	8	
83	August 13, 2014	JCB Back Hole-1993-1	1	8	
84		Steel Roller	1	4	
85		Hand-Steel Roller	1	4	
86		Level	1	8	
87		Total Station	1	8	
88		Concrete Vibrator			3
89		Mercedes 416 -2002	1	8	
90	August 14, 2014	JCB Back Hole-1993-1	1	8	
91		Steel Roller	1	4	
92		Hand-Steel Roller	1	4	
93		Level	1	8	
94		Total Station	1	8	
95		Concrete Vibrator	1	4	2
96		Mercedes 416 -2002	1	8	

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
97	August 15, 2014	JCB Back Hole -1993			1
98		Steel Roller			1
99		Hand-Steel Roller			1
100		Level			1
101		Total Station			1
102		Concrete Vibrator			3
103	August 16, 2014	JCB Back Hole-1993-1	1	8	
104		Steel Roller	1	8	
105		Hand-Steel Roller			1
106		Level	1	8	
107		Total Station	1	8	
108		Concrete Vibrator			3
109		Mercedes 416 -2002	1	8	
110	August 17, 2014	JCB Back Hole-1993-1	1	8	
111		Steel Compactor 120cm	1	4	
112		Steel Compactor 80cm	1	4	
113		Plate Compactor	1	8	
114		Level	1	8	
115		Total Station	1	8	
116		Concrete Vibrator			3
117		Mercedes 416 -2002	1	8	
118	August 18, 2014	JCB Back Hole-1993-1	1	8	
119		Steel Roller	1	4	
120		Hand-Steel Roller	1	4	
121		Level	1	4	
122		Total Station	1	4	
123		Concrete Vibrator			3
124		Mercedes 416 -2002	1	8	
125	August 19, 2014	JCB Back Hole-1993-1	1	4	
126		Steel Compactor 120cm	1	4	
127		Hand-Steel Roller	1	4	
128		Level	1	4	
129		Total Station	1	4	
130		Concrete Vibrator			3
131		Mercedes 416 -2002	1	8	
132	August 20, 2014	JCB Back Hole-1993-1	1	8	
133		Steel Roller	1	4	
134		Hand-Steel Roller	1	4	
135		Level	1	4	
136		Total Station	1	4	
137		Concrete Vibrator			3
138		Mercedes 416 -2002	1	8	
139	August 21, 2014	JCB Back Hole-1993-1			1
140		Steel Roller	1	4	
141		Hand-Steel Roller	1	4	
142		Level	1	6	
143		Total Station	1	6	
144		Concrete Vibrator			3
145		Mercedes 416 -2002	1	8	
146	August 22, 2014	JCB Back Hole -1993			1
147		Steel Roller			1
148		Hand-Steel Roller			1
149		Level			1
150		Total Station			1
151		Concrete Vibrator			3

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
152	August 23, 2014	JCB Back Hole-1993-1			1
153		Steel Roller	1	4	
154		Hand-Steel Roller	1	4	
155		Level	1	6	
156		Total Station	1	6	
157		Concrete Vibrator			3
158		Mercedes 416 -2002	1	8	
159	August 24, 2014	JCB Back Hole-1993-1			1
160		Steel Compactor 120cm	1	4	
161		Hand-Steel Roller	1	4	
162		Level	1	8	
163		Total Station	1	8	
164		Concrete Vibrator			3
165		Mercedes 416 -2002	1	8	
166	August 25, 2014	JCB Back Hole-1993-1	1	8	
167		Steel Roller			1
168		Mercedes 416 -2002	1	8	
169		Level	1	8	
170		Total Station	1	8	
171		Concrete Vibrator			3
172	August 26, 2014	JCB Back Hole-1993-1	1	6	
173		Steel Roller	1	6	
174		Mercedes 416 -2002	1	8	
175		Level	1	8	
176		Total Station	1	8	
177		Concrete Vibrator			3
178	August 27, 2014	JCB Back Hole-1993-1	1	3	
179		Steel Roller	1	3	
180		Mercedes 416 -2002	1	8	
181		Level	1	8	
182		Total Station	1	8	
183		Concrete Vibrator			3
184	August 28, 2014	JCB Back Hole-1993-1	1	5	
185		Steel Roller			1
186		Mercedes 416 -2002	1	8	
187		Level	1	8	
188		Total Station	1	8	
189		Concrete Vibrator	1	4	2
190	August 29, 2014	JCB Back Hole -1993			1
191		Steel Roller			1
192		Hand-Steel Roller			1
193		Level			1
194		Total Station			1
195		Concrete Vibrator			3
196	August 30, 2014	JCB Back Hole-1993-1	1	8	
197		Steel Roller			1
198		Mercedes 416 -2002	1	8	
199		Level			1
200		Total Station			1
201		Concrete Vibrator			3
202	August 31, 2014	JCB Back Hole-1993-1	1	8	
203		Steel Roller			1
204		Mercedes 416 -2002	1	8	
205		Level			1
206		Total Station			1
207		Concrete Vibrator			3

ARW 22.5 Inspection Requests Log

Color	Response Index
	Amend-Resubmit
	Pending
	Make Correction Noted

Inspection Requests Log

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-002-C	August 4, 2014	August 5, 2014	Inspection of Alternative Storage Yard Located in Anza Village	August 5, 2014	No Exceptions Noted		
IR-13-00018-WER-005-A	August 13, 2014	August 14, 2014	Inspecting (Perforated Pipe 75mm PVC, Elbow 90-75mm PVC, 75mm coupling PVC, Cross 75mm PVC, End Cap PVC and Tee -9075 mm PVC)	August 14, 2014	No Exceptions Noted		
IR-13-00018-WER-006-A	August 13, 2014	August 14, 2014	Inspecting (PEA Gravel and Drain Rock)	August 14, 2014	No Exceptions Noted		
IR-13-00018-WER-007-A	August 13, 2014	August 14, 2014	Inspecting (Water Stop)	August 14, 2014	No Exceptions Noted		

International Relief & Development

	Color	Response Index
		Amend-Resubmit
		Pending
		Make Correction Noted

Inspection Requests Log
IRD/BV

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

			1st Inspection			2nd Inspection	
No.	**Request Date**	**Date Inspection Required**	**Description of Works Inspected**	**Response Date**	**Grade**	**Response Date**	**Grade**
IR-13-00018-ARW-090-B	August 3, 2014	August 4, 2014	Inspecting the Reached Substrata Levels for the BT Base	August 5, 2014	No Exceptions Noted		
IR-13-00018-ARW-095-B	August 13, 2014	August 13, 2014	Inspecting External Concrete Surfaces Prior to Applying Damp-Proof Material (Nito Proof 30) for Retaining Wall-up to Height 3.5 m , from Station (30+400) To Station (78+800)	August 13, 2014	No Exceptions Noted		
IR-13-00018-ARW-096-B	August 12, 2014	August 12, 2014	Inspecting External Concrete Surfaces Prior to Applying Damp-Proof Material (Nito Proof 30) for Balance Tank Pits Walls	August 12, 2014	No Exceptions Noted		
IR-13-00018-ARW-097-A	August 3, 2014	August 4, 2014	Inspecting Steel Reinforcement for Retaining Wall (Second Lift, from H 3.5m to H 7m) From Station (78+800) to Station (102+00) to Close the Formwork	August 5, 2014	No Exceptions Noted		
IR-13-00018-ARW-098-A	August 3, 2014	August 4, 2014	Inspecting the Subgrade Layer to Receive Base Coarse for B.T Base Toe	August 5, 2014	Amend and Resubmit		
IR-13-00018-ARW-098-B	August 7, 2014	August 7, 2014	Inspecting the Subgrade Layer to Receive Base Coarse for B.T Base Toe	August 7, 2014	No Exceptions Noted		
IR-13-00018-ARW-099-A	August 6, 2014	August 6, 2014	Inspection Formwork Erection for Retaining Wall (Second Lift, from H 3.5 To H 7m) From (102+00) to Station (126+800)	August 6, 2014	No Exceptions Noted		
IR-13-00018-ARW-100-A	August 6, 2014	August 7, 2014	Inspection Steel Reinforcement and Formwork Closing for Retaining Wall (Second Lift, from H 3.5 m to H 7m) From Station (78+800) to Station (102+00) Prior to Concrete Casting	August 7, 2014	No Exceptions Noted		
IR-13-00018-ARW-101-A	August 12, 2014	August 12, 2014	Inspecting the First Layer Damp proof (Nitoproof 30) for Balance Tank Pits Walls Prior to Applying the Second Layer	August 12, 2014	No Exceptions Noted		
IR-13-00018-ARW-102-A	August 12, 2014	August 13, 2014	Inspecting Subgrade Layer for Balancing Tank to Receive Base Course Layer	August 13, 2014	Amend and Resubmit		
IR-13-00018-ARW-102-B	August 19, 2014	August 19, 2014	Inspecting Subgrade Layer for Balancing Tank to Receive Base Course Layer	August 20, 2014	No Exceptions Noted		
IR-13-00018-ARW-103-A	August 13, 2014	August 13, 2014	Inspecting The Second Layer Damp Proofing (Nitoproof 30) For Balance Tank Pits Walls to Start Backfilling	August 13, 2014	No Exceptions Noted		
IR-13-00018-ARW-104-A	August 17, 2014	August 18, 2014	Inspecting Steel Reinforcement for Retaining Wall (Second Lift, from H 3.5m to H 7m), from Station (102+00) to Station (126+800) to Close the Formwork	August 18, 2014	No Exceptions Noted		
IR-13-00018-ARW-105-A	August 17, 2014	August 18, 2014	Inspecting the First Layer Damp proof (Nitoproof 30) for Retaining Wall, from Station (30+00) to station (78+00) Prior to Applying the Second Layer	August 18, 2014	No Exceptions Noted		
IR-13-00018-ARW-106-A	August 19, 2014	August 20, 2014	Inspection Steel Reinforcement and Formwork Closing for Retaining Wall (Second Lift, from H 3.5 m to H 7m) From Station (102+00) to Station (126+800) Prior to Concrete Casting	August 20, 2014	No Exceptions Noted		
IR-13-00018-ARW-107-A	August 19, 2014	August 20, 2014	Inspecting the Second Layer Damp Proofing (Nitoproof 30) for Retaining Wall, from Station (30+00) to station (78+00) to Start Backfilling	August 20, 2014	No Exceptions Noted		
IR-13-00018-ARW-108-A	August 21, 2014	August 21, 2014	Inspecting the First Layer Damp-proof (Nitoproof 30) for Retaining Wall Footing From Station (30+00) to Station (78+00) to Receive the Second Layer	August 21, 2014	No Exceptions Noted		
IR-13-00018-ARW-109-A	August 21, 2014	August 24, 2014	Inspecting Final Level for Base course under Arraba Balance Tank	August 24, 2014	No Exceptions Noted		
IR-13-00018-ARW-110-A	August 21, 2014	August 24, 2014	Inspection to Stakeout the Underdrain System to start Excavation on B.T Base	August 24, 2014	No Exceptions Noted		
IR-13-00018-ARW-111-A	August 24, 2014	August 24, 2014	Inspecting the Formwork Erection for Retaining Wall from Station (126+00) to Station (140+200)	August 24, 2014	No Exceptions Noted		
IR-13-00018-ARW-112-A	August 24, 2014	August 25, 2014	Inspecting Concrete Surfaces Prepared to Receive Damp-Proof Material (Nito proof 30) from station (78+00) to station (126+00) for Retaining Wall and Footing.	August 25, 2014	Amend and Resubmit		
IR-13-00018-ARW-113-A	August 24, 2014	August 25, 2014	Inspecting (THIOFLEX 600, PRIMER 7E Hardener, PRIMER 7E Base and BACIUNG ROD 30 MM)	August 25, 2014	Amend and Resubmit		
IR-13-00018-ARW-114-A	August 26, 2014	August 26, 2014	Inspecting the Formwork Erection and Steel Reinforcement for Retaining Wall from Station (126+800) to Station (140+200) to close the back shutters	August 26, 2014	No Exceptions Noted		
IR-13-00018-ARW-115-A	August 27, 2014	August 27, 2014	Inspection for Underdrain System to Formation Level	August 27, 2014	No Exceptions Noted		
IR-13-00018-ARW-116-A	August 27, 2014	August 27, 2014	Inspecting Steel Reinforcement and Formwork Closing for Retaining Wall, from Station (126+800) to Station (140+200) Prior to Concrete Casting	August 27, 2014	No Exceptions Noted		
IR-13-00018-ARW-117-A	August 31, 2014	August 31, 2014	Inspecting the underdrain perforated system levels for Balancing Tank	August 31, 2014	No Exceptions Noted		

ARW 22.6 Submittals Log

SUBMITTAL REGISTER LOG/SCHEDULE

IRD International Relief & Development

Task Order: 00018-WER
Project 1-ARW Arraba Well Pump Station
Project 2-SNW Sanur Well Pump Station
Project 3-SSW Saaden Well Rehabilitation

Contract No. AID-294-TO-13-00018
NTP: 23-Oct-13
NOA: 25-Sep-13

Submittal Categories		Submittal Classification	Resubmittal Alpha Identifier	Submittal Disposition/ Color Coding	
PD	PRODUCT DATA	PCS			A – No Exceptions Noted
SD	SHOP DRAWINGS	CONS			B - Make Corrections Noted
AD	ADMINISTRATIVE/OTHER	PSTS			C- Amend and Resubmit
TR	TEST REPORT				D- Rejected- Resubmit
SCH	SCHEDULE				E- Review Not Required
RPT	REPORT				Submitted Pending Response
SMP	SAMPLE				
CO	COMPLETION & CLOSEOUT				
MAT	MATERIAL				

A	B	C	M	N	O	P	Q	R	S
Submittal Number	**Submittal Description**	**Specification Number**	**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-078-B	Chlorination Room Shop Drawing (Structure & Architectural)-Sanur	Drawing No.CSA (2-5), CSS(1,2)	August 28, 2014		September 27, 2014				
SUB-00018-ARW-079-B	Chlorination Room Shop Drawing (Structure & Architectural)-Arraba	Drawing No.CSA (2-5), CSS(1,2)	August 28, 2014		September 27, 2014				
SUB-00018-SNW-098-C	Electrical Metering Building Shop Drawing (Structural & Architectural)	Drawing No: EM2A(1-4) and EM2S(1,2) - Rev. Confirmed General Design	August 31, 2014		September 30, 2014				
SUB-00018-WER-276-B	Construction Joint Sealant-Thioflex 600	Section 03290-Part-3.3-H	August 26, 2014		September 25, 2014	August 28, 2014	2	A	
SUB-00018-ARW-285-B	Fence Wall and Main Gate Shop Drawing -Arraba Well Project	Section 02834-Part .1.2	August 5, 2014		September 4, 2014	August 28, 2014	23	C	
SUB-00018-SNW-301-B	Activity Report-Well Development by Jetting & Airlifting for Sanur Well (SNW)	Section 02624-Part-3.1-A	August 17, 2014		September 16, 2014	August 28, 2014	11	C	
SUB-00018-SNW-301-C	Activity Report-Well Development By Jetting & Airlifting for Sanur Well(SNW)	Section 02624-Part-3.1-A	August 28, 2014		September 27, 2014				
SUB-00018-WER-302-C	Steel Structure Fabricator & Designer CV (Superior Detailing & Design)	Section 01300-Part-1.8-B	August 4, 2014		September 3, 2014	August 6, 2014	2	B	
SUB-00018-SNW-315-B	Road Widening Shop Drawing-Sanur Well Project	Drawing No:3C-(12-17)-Rev. Wells Drawing-Sanur Confirmed	August 5, 2014		September 4, 2014	August 18, 2014	13	C	
SUB-00018-WER-342-B	Recovery Plan For Project Delay	Section 01311-Part 1.5-H	August 7, 2014		September 6, 2014	August 20, 2014	13	B	
SUB-00018-ARW-347-C	Method Statement for Retaining Wall Concrete Repair -Arraba Well Project	Section 03700 & 03300	August 10, 2014		September 9, 2014	August 20, 2014	10	B	
SUB-00018-SNW-358-B	Method Statement for Sanur Balance Tank Excavation	Section 02200-Part 3.8-B	August 26, 2014		September 25, 2014	August 31, 2014	5	B	
SUB-00018-SNW-366-B	Fence Wall and Main Gate Shop Drawing	Section 02834-Part.1.2	August 18, 2014		September 17, 2014	August 31, 2014	13	C	
SUB-00018-SNW-374-A	Electrical Conduits Shop drawing for Suction Header Area	Section 16110-Part 1.2 (B) & RFI-013-00018-WER-C-E-023	August 5, 2014		September 4, 2014	August 7, 2014	2	B	
SUB-00018-WER-375-A	Weep Holes Mesh Sample	Section 01300-Part 1.8	August 5, 2014		September 4, 2014	August 11, 2014	6	A	
SUB-00018-ARW-376-A	7 Days Test Report on Concrete Compressive Strength for R.W(Wall) -Section-B-from St.(102+000) to St.(126+800)	Section 03300-Part-1.4 C	August 6, 2014		September 5, 2014	August 7, 2014	1	C	
SUB-00018-ARW-376-B	7 Days Test Report on Concrete Compressive Strength for R.W (Wall) – Section –B- from St.(102+000) to St.(126+800)	Section 03300-Part-1.4 C	August 26, 2014		September 25, 2014	August 27, 2014	1	A	
SUB-00018-ARW-377-A	28 Days Test Report on Concrete Compressive Strength for R.W (Wall) Type E from St.(00+000) to St.(30+400)	Section 03300-Part-1.4 C	August 6, 2014		September 5, 2014	August 7, 2014	1	A	

SUBMITTAL REGISTER LOG/SCHEDULE

IRD International Relief & Development

Task Order: 00018-WER
Project 1-ARW Arrada Well Pump Station
Project 2-SNW Sanur Well Pump Station
Project 3-SSW Saden Well Rehabilitation

Contract No. AID-294-TO-13-00018

NTP: 23-Oct-13

NOA: 25-Sep-13

Submittal Categories		Submittal Classification	Resubmittal Alpha Identifier
PD	PRODUCT DATA	PCS	
SD	SHOP DRAWINGS	CONS	
AD	ADMINISTRATIVE/OTHER	PSTS	
TR	TEST REPORT		
SCH	SCHEDULE		
RPT	REPORT		
SMP	SAMPLE		
CO	COMPLETION & CLOSEOUT		
MAT	MATERIAL		

Submittal Disposition/ Color Coding	
	A – No Exceptions Noted
	B - Make Corrections Noted
	C- Amend and Resubmit
	D- Rejected- Resubmit
	E- Review Not Required
	Submitted Pending Response

A	B	C	M	N	O	P	Q	R	S
Submittal Number	**Submittal Description**	**Specification Number**	**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-ARW-378-A	7 Days Test Report on Concrete Compressive Strength for R.W(Wall) -Second Lift from St.(55+600) to St.(78+800)	Section 03300-Part-1.4 C	August 6, 2014		September 5, 2014	August 7, 2014	1	A	
SUB-00018-ARW-379-A	28 Days Test Report on Concrete Compressive Strength for Pump Suction Header & R.W (Wall)-from St.(30+400) to St.(36+400)	Section 03300-Part-1.4 C	August 6, 2014		September 5, 2014	August 11, 2014	5	D	
SUB-00018-ARW-379-B	28 Days Test Report on Concrete Compressive Strength for Pump Suction Header & R.W (Wall) –from St.(30+400) to St.(36+400)	Section 03300-Part-1.4 C	August 13, 2014		September 12, 2014	August 21, 2014	8	C	
SUB-00018-ARW-380-A	28 Days Test Report on Concrete Compressive Strength For R.W (Wall)-Type-B- First Lift from St.(55+600) to St.(78+800)	Section 03300-Part-1.4 C	August 7, 2014		September 6, 2014	August 11, 2014	4	D	
SUB-00018-ARW-380-B	28 Days Test Report on Concrete Compressive Strength For R.W (Wall) – Type-B- First Lift from St.(55+600) to St.(78+800)	Section 03300-Part-1.4 C	August 13, 2014		September 12, 2014	August 21, 2014	8	C	
SUB-00018-ARW-381-A	28 Days Test Report on Concrete Compressive Strength For R.W Footing-Type-C- from St.(126+800) to St.(140+200)	Section 03300-Part-1.4 C	August 7, 2014		September 6, 2014	August 11, 2014	4	D	
SUB-00018-ARW-382-A	Degree of Compaction Test Report –Well Balancing Tank Foundation at Gridlines B1&C3	Section 02200-Part-2.2	August 7, 2014		September 6, 2014	August 7, 2014	0	A	
SUB-00018-ARW-383-A	Degree of Compaction Test Report-Well Balancing Tank Foundation -Grades 2/C& 3/A	Section 02200-Part-2.2	August 7, 2014		September 6, 2014	August 10, 2014	3	C	
SUB-00018-ARW-383-B	Degree of Compaction Test Report-Balancing Tank's Foundation	Section 02200-Part-2.2	August 24, 2014		September 23, 2014	August 24, 2014	0	A	
SUB-00018-WER-384-A	QC Monthly Report July, 2014	Section 01300-Part-1.8-B	August 10, 2014		September 9, 2014	August 12, 2014	2	B	
~~SUB-00018-ARW-385-A~~	~~Electrical & Control Building Shop drawings(Structural & Architectural)~~	~~Drawing No: ECA(1-5), ECS(1,2)-Rev. Confirmed General Design~~							~~Submitted on August 10, 2014 and Retracted on August 21, 2014~~
SUB-00018-ARW-385-A	Electrical & Control Building Shop drawings(Structural & Architectural)	Drawing No: ECA(1-5), ECS(1,2)-Rev. Confirmed General Design	August 28, 2014		September 27, 2014				
SUB-00018-ARW-386-A	Concrete Mix Design Evaluation & Strength Investigation Report	Section 03300	August 10, 2014		September 9, 2014	August 21, 2014	11	B	
SUB-00018-WER-387-A	Monthly Safety Plan Update-July, 2014	Contractor`s Manual-Sec. 4.1/12	August 10, 2014		September 9, 2014	August 12, 2014	2	A	
SUB-00018-WER-388-A	Monthly Environmental Plan Update and Mitigation Plan Update July, 2014	Contractor`s Manual-Sec. 4.1/14	August 11, 2014		September 10, 2014	August 12, 2014	1	B	
SUB-00018-WER-389-A	Monthly Risk Management Plan Update July, 2014	Contractor`s Manual-Sec. 4.1/Construction Submittal #003	August 11, 2014		September 10, 2014	August 12, 2014	1	C	
SUB-00018-ARW-390-A	Degree of Compaction Test Report for Second Layer of Base Course Under Balancing Tank's Foundation	Section 02200-Part-2.2	August 11, 2014		September 10, 2014	August 14, 2014	3	A	
SUB-00018-ARW-391-A	28 Days Test Report on Concrete Compressive Strength for R.W (Wall) Second Step Type B from St.(55+600) to St.(78+800)	Section 03300-Part-1.4 C	August 11, 2014		September 10, 2014	August 12, 2014	1	A	

SUBMITTAL REGISTER LOG/SCHEDULE

IRD International Relief & Development

Task Order: 00018-WER
Project 1-ARW Arraba Well Pump Station
Project 2-SNW Sanur Well Pump Station
Project 3-SSW Saaden Well Rehabilitation

Contract No. AID-294-TO-13-00018
NTP: 23-Oct-13
NOA: 25-Sep-13

Submittal Categories		Submittal Classification	Resubmittal Alpha Identifier	Submittal Disposition/ Color Coding	
PD	PRODUCT DATA	PCS			A – No Exceptions Noted
SD	SHOP DRAWINGS	CONS			B - Make Corrections Noted
AD	ADMINISTRATIVE/OTHER	PSTS			C- Amend and Resubmit
TR	TEST REPORT				D- Rejected- Resubmit
SCH	SCHEDULE				E- Review Not Required
RPT	REPORT				Submitted Pending Response
SMP	SAMPLE				
CO	COMPLETION & CLOSEOUT				
MAT	MATERIAL				

A	B	C	M	N	O	P	Q	R	S
Submittal Number	**Submittal Description**	**Specification Number**	**Actual Submission Date**	**Submission Delay**	**Response Needed by (Max. 30 days)**	**Date Returned to IRD**	**Total Engineer Response Time**	**Submittal Disposition (Grade)**	**Remarks**
SUB-00018-WER-392-A	Precast Concrete Square Manholes And Vaults	Section 02490-Part 1.2(A)	August 12, 2014		September 11, 2014	August 31, 2014	19	C	
SUB-00018-WER-393-A	Underground Raceway Systems-Manhole Covers and Frames	Section 16111-Part 2.1(A)	August 12, 2014		September 11, 2014	August 18, 2014	6	C	
SUB-00018-WER-393-B	Underground Raceway Systems- Manhole Covers and Frames	Section 16111-Part 2.1(A)	August 26, 2014		September 25, 2014	August 28, 2014	2	C	
SUB-00018-SNW-394-A	Method of Statement for Steel Pipes Relocation	Section 01300-Part 1.8 B	August 14, 2014		September 13, 2014	August 14, 2014	0	B	
SUB-00018-WER-395-A	QA/QC Submittal Register Monthly Update July, 2014	Section 01300-Part 1.8 B Contractor's manual, 4.1-construction submittals (3)	August 14, 2014		September 13, 2014	August 19, 2014	5	B	
SUB-00018-ARW-396-A	Vertical Turbine Line Shaft Pump	Section 01300 & 11100	August 17, 2014		September 16, 2014				
SUB-00018-SNW-397-A	Vertical Turbine Line Shaft Pump	Section 01300 & 11100	August 17, 2014		September 16, 2014				
SUB-00018-SNW-398-A	Vertical Turbine Pump Booster	Section 01300 & 11103	August 17, 2014		September 16, 2014				
SUB-00018-ARW-399-A	Vertical Turbine Pump Booster	Section 01300 & 11103	August 17, 2014		September 16, 2014				
SUB-00018-ARW-400-A	Under Drain System Method Statement	Section 01300-Part 1.8-B	August 17, 2014		September 16, 2014	August 27, 2014	10	B	
SUB-00018-SNW-401-A	Under Drain System Method Statement	Section 01300-Part 1.8-B	August 17, 2014		September 16, 2014	August 27, 2014	10	B	
SUB-00018-SNW-402-A	Living Quarter Demolition Method Statement	Section 01300-Part 1.8-B	August 17, 2014		September 16, 2014	August 20, 2014	3	B	
SUB-00018-SNW-403-A	Method Statement for Sanur Fence Wall Construction	Section 01300-Part 1.8-B	August 17, 2014		September 16, 2014	August 31, 2014	14	C	
SUB-00018-WER-404-A	Steel Welder-Certification & Qualification-Complementary	Section 02570-Part-1.3-j	August 17, 2014		September 16, 2014	August 20, 2014	3	A	
SUB-00018-ARW-405-A	Test Report for Coarse Drain Rock Single Size Aggregate-Type "F"-Sourced from Arraba Site	Section 02200-Part 2.2	August 18, 2014		September 17, 2014	August 18, 2014	0	A	
SUB-00018-WER-406-A	Test Report for Coarse Aggregate-Pea Gravel Backfill (Type E)-Sourced from Jericho City	Section 02200-Part 2.2	August 18, 2014		September 17, 2014	August 18, 2014	0	A	
SUB-00018-ARW-407-A	7 Days Test Report on Concrete Compressive Strength for Balance Tank Pits Walls	Section 03300-Part-1.4 C	August 18, 2014		September 17, 2014	August 18, 2014	0	A	
SUB-00018-SNW-408-A	Method Statement for Chlorination Room Demolition	Section 01300-Part 1.8-B	August 21, 2014		September 20, 2014	August 25, 2014	4	B	
SUB-00018-ARW-409-A	Degree of Compaction Test Report for Subgrade Layer-Northern & Southern Sides Under Balancing Tank's Foundation	Section 02200-Part-2.2	August 24, 2014		September 23, 2014	August 24, 2014	0	A	

SUBMITTAL REGISTER LOG/SCHEDULE

IRD International Relief & Development

Task Order: 00018-WER
Project 1-ARW Arraba Well Pump Station
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Project 3-SSW Saaden Well Rehabilitation

Contract No. AID-294-TO-13-00018
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Submittal Categories		Submittal Classification	Resubmittal Alpha Identifier	Submittal Disposition/ Color Coding	
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TR	TEST REPORT				D- Rejected- Resubmit
SCH	SCHEDULE				E- Review Not Required
RPT	REPORT				Submitted Pending Response
SMP	SAMPLE				
CO	COMPLETION & CLOSEOUT				
MAT	MATERIAL				

A	B	C	M	N	O	P	Q	R	S
Submittal Number	**Submittal Description**	**Specification Number**	**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-ARW-410-A	Test Report for Granular Base Course Material-Khaled Crusher	Section 02200-Part 2.2	August 24, 2014		September 23, 2014	August 24, 2014	0	A	
SUB-00018-ARW-411-A	Degree of Compaction Test Report for Base Course Layer of Arraba Yard	Section 02200-Part-2.2	August 24, 2014		September 23, 2014	August 24, 2014	0	A	
SUB-00018-ARW-412-A	Degree of Compaction Test Report for Base Course Layer Under Balancing Tank's Foundation	Section 02200-Part-2.2	August 24, 2014		September 23, 2014	August 24, 2014	0	A	
SUB-00018-ARW-413-A	Test Report for Reinforcement Steel Bars (Ø 16 & Ø 22)	Section 03200-Part-1.3	August 24, 2014		September 23, 2014	August 24, 2014	0	A	
SUB-00018-SNW-414-A	Degree of Compaction Test Report for Subgrade of Balancing Tank's Area	Section 02200-Part-2.2	August 24, 2014		September 23, 2014	August 28, 2014	4	A	
SUB-00018-ARW-415-A	Hardened Concrete Cores Test Report For Retaining Wall Footing-Section C, from St.(126+800) to St.(140+200)	Section 03300-Part 1.4 C & D	August 26, 2014		September 25, 2014	August 27, 2014	1	A	
SUB-00018-ARW-416-A	28 Days Test Report on Concrete Compressive Strength for R.W (Wall) – Section –B-First lift from St.(102+000) to St.(126+800)	Section 03300-Part-1.4 C	August 27, 2014		September 26, 2014	August 27, 2014	0	A	
SUB-00018-ARW-417-A	7 Days Test Report on Concrete Compressive Strength for R.W (Wall) Section –B- Second Lift from St.(78+800) to St.(102+000)	Section 03300-Part-1.4 C	August 27, 2014		September 26, 2014	August 27, 2014	0	A	
SUB-00018-SNW-418-A	Comprehensive Test Report Fill and Backfill material.(Granular Base Course Material)	Section 02200-Part-2.1-C	August 27, 2014		September 26, 2014	August 27, 2014	0	A	
SUB-00018-ARW-419-A	Degree of Compaction Test Report for Reached Substrata of the Balance Tank	Section 02200-Part 2.2	August 27, 2014		September 26, 2014	August 28, 2014	1	A	
SUB-00018-SNW-420-A	Degree of Compaction Test Report for Base Course First Layer - Pump Suction Area	Section 02200-Part 2.2	August 27, 2014		September 26, 2014	August 27, 2014	0	A	
SUB-00018-ARW-421-A	Degree of Compaction Test Report for Base Course Layer - Under Balancing Tank Foundation	Section 02200-Part 2.2	August 27, 2014		September 26, 2014	August 28, 2014	1	C	
SUB-00018-ARW-422-A	34 Days Test Report on Concrete Compressive Strength For R.W (Wall) – Type-B- First Lift from St.(55+600) to St.(78+800)	Section 03300-Part-1.4 C	August 27, 2014		September 26, 2014	August 27, 2014	0	A	
SUB-00018-ARW-423-A	28 Days Test Report on Concrete Compressive Strength for Balance Tank Pits Walls	Section 03300-Part-1.4 C	August 27, 2014		September 26, 2014	August 28, 2014	1	A	
SUB-00018-SNW-424-A	Electrical & Control Building Shop drawings(Structural & Architectural)	Drawing No: ECA(1-5), ECS(1,2)	August 28, 2014		September 27, 2014				
SUB-00018-SNW-425-A	Method Statement for Sanur Existing Discharge pipe Re-Enforced Concrete Encasement	Section 03100 & 03200	August 31, 2014		September 30, 2014				
SUB-00018-ARW-426-A	45 Days Test Report on Concrete Compressive Strength for R.W (Wall) Section –B- first Lift from St.(55+600) to St.(78+800)	Section 03300-Part-1.4 C	August 31, 2014		September 30, 2014				

ARW 22.7 Requests for Information Log

International Relief & Development

Task Order: **Task Order: 00018-WER**
Projects: Project 1-ARW Arraba Well Pump Station Rehabilitation & Infrastructure Improvements
Project 2-SNW Sanur Well Pump Station Rehabilitation & Infrastructure Improvements

NTP: **October 23, 2013**
NOA: **September 25, 2013**

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	Status
RFI-18-WER-C-E-042	Surge Analysis	SECTION 13206 - Surge Control Bladder Tank			August 21, 2014				Pending			

ARW 22.8 Variation Order Request and Variation Order Log

International Relief & Development

		NTP:	October 23, 2013
Task Order:	**Task Order: 00018-WER**	NOA:	September 25, 2013
Projects:	Project 1-ARW Arraba Well Pump Station Rehabilitation & Infrastructure Improvements		
	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 were no variation orders received for the project during the current reporting period																					

International Relief & Development

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

VOR Log

VOR no.	Date	Revision Date	Time Modification	Modification Cost ($)	Reference			Subject	Status	VO no.
					Shop Drawings/ Submittal/ Specifications	BOQ Item no.	RFI/ Other			
There were no variation order requests issued for the project during the current reporting period										

ARW 22.9 Employment Generated Data

USAID WEST BANK/ GAZA

INFRASTRUCTURE NEEDS PROGRAM INPII

CONTRACT NO. AID-294-I-00-12-00003

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

Wells Rehabilitation Project-WER

Temproray Job Days Summary Report

Task Order Name: Wells Rehabilitation Project-WER — **PERIOD FROM: Oct-23-2013 (NTP)**

Sub-project or Activity Name: Project 1-ARW Arraba Well Pump Station — **PERIOD TO:**

CONTRACTOR: IRD

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Total Job Days (Males)	Total Job Days (Females)	Notes of Comments
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other					
October	2013	5	0	0	0	0	5	0	5	0	
November	2013	44	0	4	5	1	53	2	53	0	
December	2013	53	21	30	14	27	144	6	136	8	
January	2014	65	60	100	55	88	368	15	339	29	
February	2014	64	62	57	87	102	371	16	342	29	
March	2014	75	78	171	122	105	550	23	508	42	
April	2014	78	77	129	85	178	547	23	482	65	
May	2014	84	83	263	141	233	803	34	738	65	
June	2014	78	78	277	163	225	820	34	768	52	
July	2014	72	69	208	113	195	656	28	609	47	
August	2014	78	78	247	161	220	784	33	732	52	
September	2014						0	0			
Total of FY 2014							5101	214.3329832	4712	389	
October	2014						0	0			
November	2014						0	0			
December	2014						0	0			
January	2015						0	0			
February	2015						0	0			
March	2015						0	0			
April	2015						0	0			
May	2015						0	0			
June	2015						0	0			
July	2015						0	0			
August	2015						0	0			
September	2015						0	0			
Total of FY 2015							0	0			

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

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

DATE	Site Staff Job Days **																					Man-days*				
	Worker/Classification (Hours)																									
	Management				Engineers				Skilled labor				Unskilled labor		Other											
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Manager #1, #2, etc ..	Document Control Engineer(F)	Civil Engineer (F)	Office Engineer	Site Engineer	Superintendent	Skilled Labor	Foreman	Equipment Operator	Flagman	Unskilled Labor	Guard/ Security	Janitor (F)	Janitor	Surveyor	Surveyor Assistant	Welder	Geological	Supervisor	Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other
August 1, 2014															36								0	0	0	0	4.5
August 2, 2014	4	4	4	12	8	4	4	8	8	72	8	16		72	36	4	8	8	8				3	3	13	9	8
August 3, 2014	4	4	4	12	8	4	4	8	8	56	8	16		64	36	4	8	8	8				3	3	11	8	8
August 4, 2014	4	4	4	12	8	4	4	8	8	56	8	16		72	36	4	8	8	8				3	3	11	9	8
August 5, 2014	4	4	4	12	8	4	4	8	8	56	8	16		56	36	4	8	8	8				3	3	11	7	8
August 6, 2014	4	4	4	12	8	4	4	8	8	56	8	16		56	36	4	8	8	8				3	3	11	7	8
August 7, 2014	4	4	4	12	8	4	4	8	8	56	8	16		56	36	4	8	8	8				3	3	11	7	8
August 8, 2014															36								0	0	0	0	4.5
August 9, 2014	4	4	4	12	8	4	4	8	8	16	8	16		16	36	4	8	8	8				3	3	6	2	8
August 10, 2014	4	4	4	12	8	4	4	8	8	32	8	16		24	36	4	8	8	8				3	3	8	3	8
August 11, 2014	4	4	4	12	8	4	4	8	8	16	8	16		40	36	4	8	8	8				3	3	6	5	8
August 12, 2014	4	4	4	12	8	4	4	8	8	16	8	16		24	36	4	8	4	4				3	3	6	3	7
August 13, 2014	4	4	4	12	8	4	4	8	8	16	8	16		16	36	4	8	8	8				3	3	6	2	8
August 14, 2014	4	4	4	12	8	4	4	8	8	56	8	16		56	36	4	8	4	4				3	3	11	7	7
August 15, 2014															36								0	0	0	0	4.5
August 16, 2014	4	4	4	12	8	4	4	8	8	48	8	16		56	36	4	8	8	8				3	3	10	7	8
August 17, 2014	4	4	4	12	8	4	4	8	8	56	8	16		48	36	4	8	8	8				3	3	11	6	8
August 18, 2014	4	4	4	12	8	4	4	8	8	48	8	16		48	36	4	8	4	4				3	3	10	6	7
August 19, 2014	4	4	4	12	8	4	4	8	8	48	8	8		48	36	4	8	4	4				3	3	9	6	7
August 20, 2014	4	4	4	12	8	4	4	8	8	56	8	16		48	36	4	8	6	6				3	3	11	6	7.5
August 21, 2014	4	4	4	12	8	4	4	8	8	56	8	8		72	36	4	8	6	6				3	3	10	9	7.5
August 22, 2014															36								0	0	0	0	4.5
August 23, 2014	4	4	4	12	8	4	4	8	8	56	8	8		64	36	4	8	6	6				3	3	10	8	7.5
August 24, 2014	4	4	4	12	8	4	4	8	8	48	8	4		56	36	4	8	4	4				3	3	8.5	7	7
August 25, 2014	4	4	4	12	8	4	4	8	8	56	8	8		56	36	4	8	8	8				3	3	10	7	8
August 26, 2014	4	4	4	12	8	4	4	8	8	56	8	12		56	36	4	8	8	8				3	3	10.5	7	8
August 27, 2014	4	4	4	12	8	4	4	8	8	56	8	6		56	36	4	8	8	8				3	3	9.75	7	8
August 28, 2014	4	4	4	12	8	4	4	8	8	56	8	5		56	36	4	8	8	8				3	3	9.625	7	8
August 29, 2014															36								0	0	0	0	4.5
August 30, 2014	4	4	4	12	8	4	4	8	8	64	8	8		56	36	4	8						3	3	11	7	6
August 31, 2014	4	4	4	12	8	4	4	8	8	24	8	8		16	36	4	8						3	3	6	2	6
Total of Month	**104**	**104**	**104**	**312**	**208**	**104**	**104**	**208**	**208**	**1232**	**208**	**331**	**0**	**1288**	**1116**	**104**	**208**	**166**	**166**	**0**	**0**	**0**	**78**	**78**	**247**	**161**	**220**

ARW 22.10 Risk Register Log

Infrastructure Needs Program INP II
Task Order No.: TO-294-13-00018
Project: Wells Rehabilitation and Infrastructure Improvements

RISK IDENTIFICATION							RISK ASSESSMENT					RISK RESPONSE			MONITORING & CONTROLLING	
REF	CATEGORY	RISK	RISK CAUSE	IMPACT/CONSEQUENCE	RAISED BY	DATE RAISED	PROBLTY.	IMPACT	RISK RATING	COST IMPACT	SCHEDULE IMPACT	RESPONSE STRATEGY	RESPONSE PLAN	RISK OWNER	STATUS	NOTES
1	Construction	Interruption or damage of underground utilities	The risk lies during excavation work and demobilization in hitting or damaging the underground utilities such as 10" pipe and/or the buried electric cables	Delay in work, water shortage , electric shortage, injuries	Contractor	19th of March,.2014	2	2	4	Yes	Yes	Mitigate	During the excavation process, the contractor will take all safety measures to avoid hitting or damaging these utilities and will coordinate with local authorities to figure out the location of such utilities. The 10" pipe will be supported by steel supporting jacks to avoid bending and breaking during pumping process.	IRD	Existing	
2	Construction	Construction activities in energized environment	This is an existing pumping station where power supply and electric boards shall be maintained according to contract until the last phase of construction	Personnel injuries (electric shock).	Contractor	1st of Dec, 2013	1	3	3	No	No	Mitigate	All power cables were isolated and protected. Tag-out lock-out procedure on electric boards is implemented.	IRD	Existing	
3	Construction	Fall of personnel during construction of retaining wall.	Personnel working in construction activities are usually subject to sudden slippage off scaffolding and might get injured by reinforcing steel bars	Personnel injuries.	Contractor	May, 2014	2	1	2	No	No	Mitigate	Holding TB meetings regularly to aware workers of existing danger. Apply safety measures by wearing PPTs. Avoid running over scaffoldings.	IRD	Existing	

CONSTRUCTION MONTHLY PROGRESS REPORT-ATTACHMENTS

Reporting Period: August 01-August 31, 2014

PROJECT 2-SANUR WELL PUMP STATION-SNW

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.

Attachments

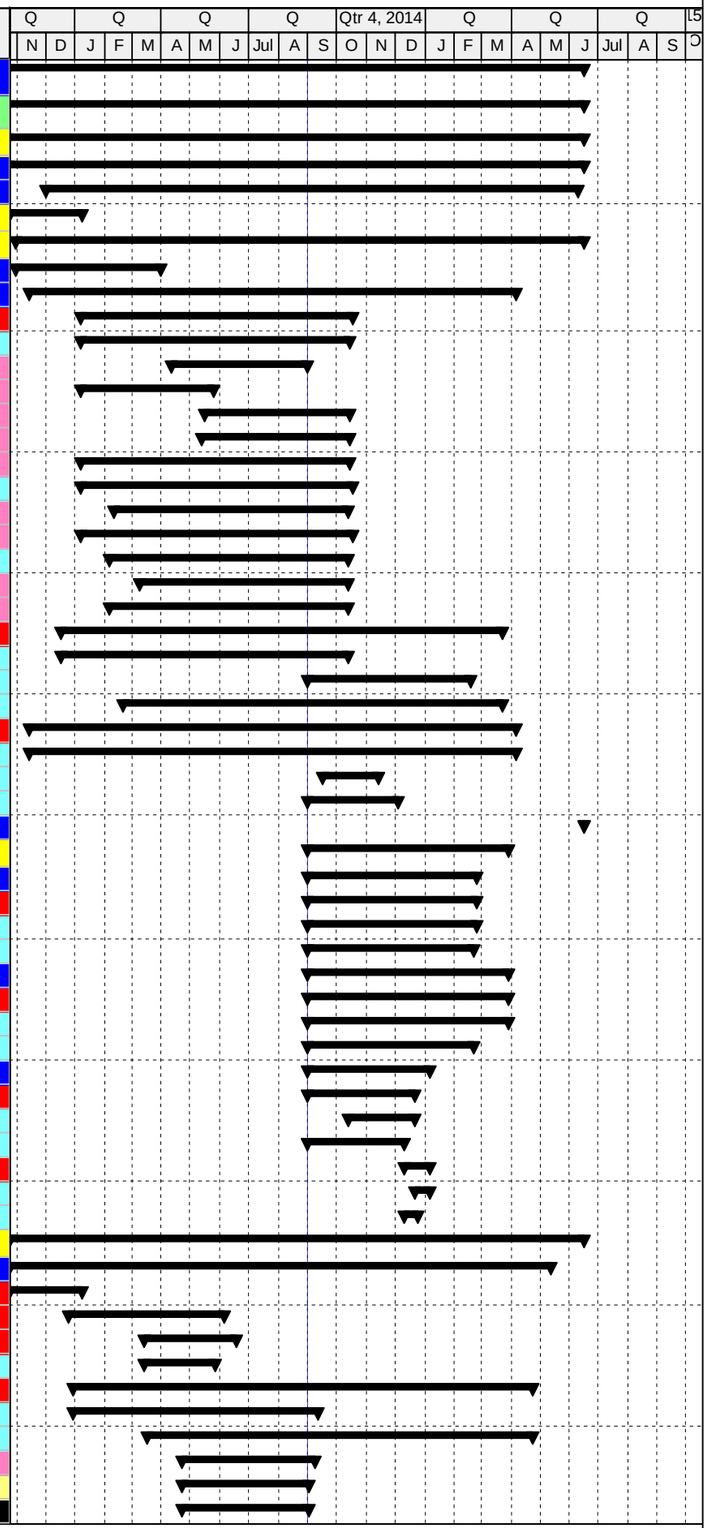
SNW 22.1 Updated Schedule- Roll-up and One Month Look Ahead

RFTOP WATER-294-13-00018 WELL REHABILITATION IMPROVEMENTS

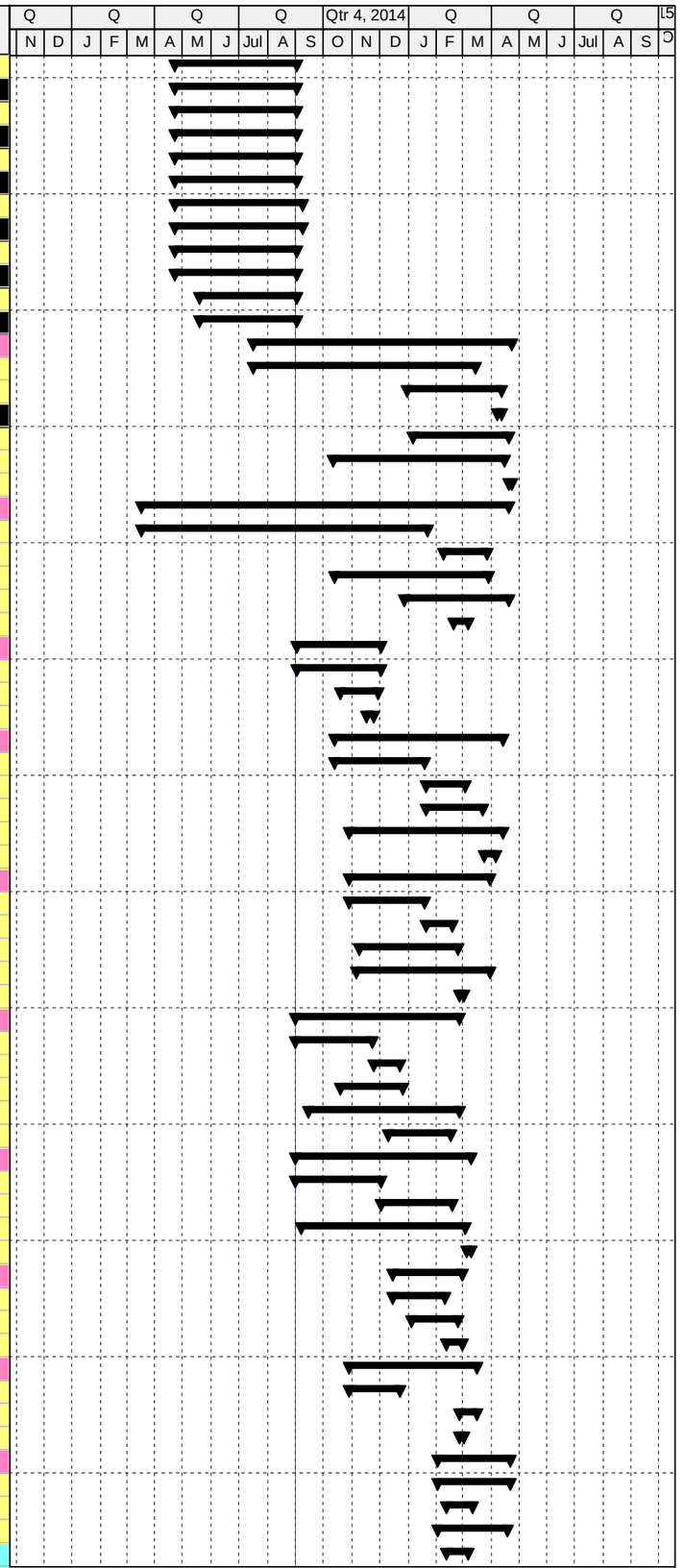
Roll Up Schedule - Aug,2014

IRD International Relief & Development

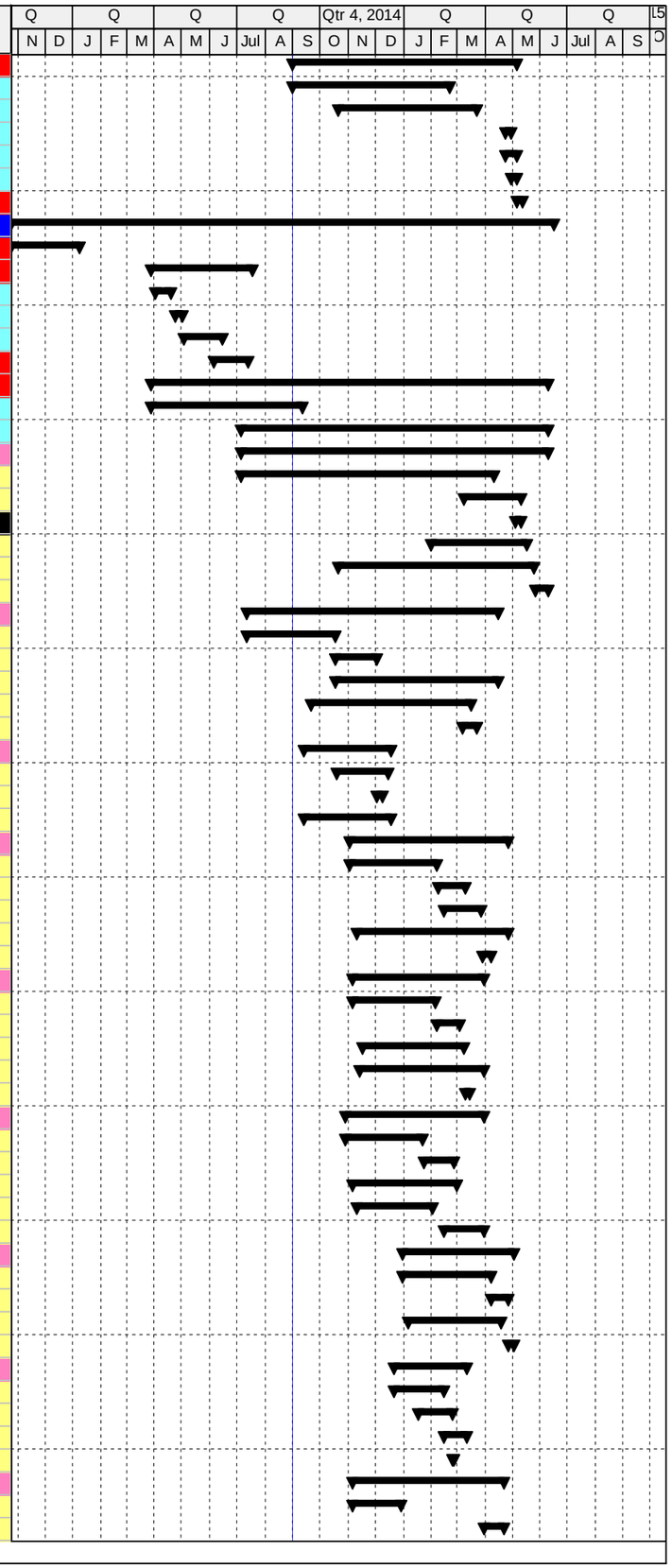
Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Total Float
Total		337	01-Sep-14	16-Jun-15	0
RFTOP WATER-294-13-00018 WELL REHABILITATION & IMPROVEMENTS		337	01-Sep-14	16-Jun-15	0
Milestones		461	30-Apr-15	16-Jun-15	-52
General Milestones		461	12-May-15	16-Jun-15	-52
Intermediate Milestones		432	30-Apr-15	10-Jun-15	-52
Mobilization		24			
Submittals		382	01-Sep-14	16-Jun-15	0
Pre Construction Submittals		45			
Construction Submittals		320	01-Sep-14	05-Apr-15	62
Material Submittals		183	01-Sep-14	18-Oct-14	139
Civil		180	01-Sep-14	14-Oct-14	142
Earth Works		94	01-Sep-14	01-Sep-14	78
Concrete Works		121			
Building Works		81	01-Sep-14	14-Oct-14	129
Roads Works		69	01-Sep-14	14-Oct-14	142
Miscellaneous		81	01-Sep-14	14-Oct-14	132
Mechanical		145	01-Sep-14	18-Oct-14	128
Local Manufacturer		140	01-Sep-14	12-Oct-14	133
Abroad Manufacturer (Long Lead Items)		129	01-Sep-14	18-Oct-14	-8
Electrical		179	01-Sep-14	12-Oct-14	122
Abroad Manufacturer (Long Lead Items)		153	01-Sep-14	12-Oct-14	40
Local Manufacturer		174	01-Sep-14	12-Oct-14	122
Shop Drawings		309	01-Sep-14	23-Mar-15	73
Civil		178	01-Sep-14	12-Oct-14	204
Mechanical		133	01-Sep-14	17-Feb-15	36
Electrical		289	01-Sep-14	23-Mar-15	1
Methods Statement & Work Plans		320	01-Sep-14	05-Apr-15	1
Civil		320	01-Sep-14	05-Apr-15	1
Mechanical		46	16-Sep-14	13-Nov-14	99
Electrical		76	01-Sep-14	04-Dec-14	94
Post Construction Submittals		0	16-Jun-15	16-Jun-15	0
Procurement		150	01-Sep-14	29-Mar-15	-1
Mechanical, Electrical Equipments&Instrumentation,...etc- for Arrabeh Well		165	01-Sep-14	24-Feb-15	28
Material Order & Manufacture		165	01-Sep-14	24-Feb-15	28
Mechanical Equipment		165	01-Sep-14	24-Feb-15	21
Electrical Equipment		162	01-Sep-14	21-Feb-15	31
Mechanical, Electrical Equipments&Instrumentation,...etc for Sanur Well		198	01-Sep-14	29-Mar-15	-4
Material Order & Manufacture		198	01-Sep-14	29-Mar-15	-4
Mechanical Equipment		198	01-Sep-14	29-Mar-15	-4
Electrical Equipment		162	01-Sep-14	21-Feb-15	31
Steel Pipes,Fittings&Valves		91	01-Sep-14	06-Jan-15	57
Material Order & Manufacture		80	01-Sep-14	22-Dec-14	58
All Needed Pipes,Steel Pipes & Fittings		60	13-Oct-14	22-Dec-14	23
Valves		81	01-Sep-14	10-Dec-14	74
Material Delivary		19	10-Dec-14	06-Jan-15	57
All Needed Pipes,Steel Pipes & Fittings		12	22-Dec-14	06-Jan-15	38
Valves		12	10-Dec-14	24-Dec-14	74
Execution Phase		337	01-Sep-14	16-Jun-15	0
Project 1 Arraba Well Pump Station Rehabilitation & Infrastructure Improvements		311	01-Sep-14	12-May-15	26
Mobilization for P1		24			
P1 - Arraba Well Pump Station Rehabilitation		63			
Design Review After Well Development Results		151			
Geophysical Logging Final Acceptance		1			
P1 - Arraba Well Pump Station Infrastructure Improvement		315	01-Sep-14	23-Apr-15	47
Demolishing,Site Development,Apply Safety Measurments&Site Preparation		137	01-Sep-14	11-Sep-14	225
Construction of New Pump Station		282	01-Sep-14	23-Apr-15	47
Retaining Walls		103	01-Sep-14	08-Sep-14	228
Retaining Wall Group # 1 (St.36+40 to St.55+60)		81	01-Sep-14	01-Sep-14	159
Civil & Structural Works		81	01-Sep-14	01-Sep-14	159



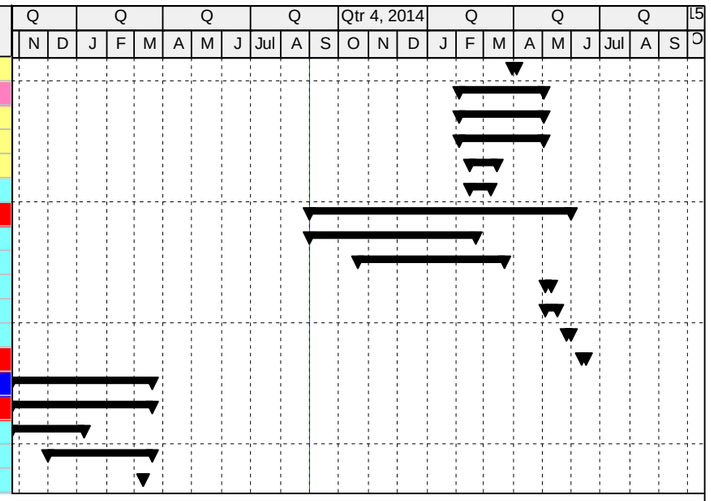
Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Total Float
	Retaining Wall Group # 2 (St.55+60 to St.78+80)	41	01-Sep-14	02-Sep-14	234
	Civil & Structural Works	41	01-Sep-14	02-Sep-14	234
	Retaining Wall Group # 3 (St.78+80 to St.102+00)	76	01-Sep-14	01-Sep-14	234
	Civil & Structural Works	76	01-Sep-14	01-Sep-14	234
	Boundary Wall Group # 4 A -(St-102+00 to St.126+80)	83	01-Sep-14	01-Sep-14	234
	Civil & Structural Works	83	01-Sep-14	01-Sep-14	234
	Boundary Wall Group # 4 B -(St.126+80 to St.140+20)	89	01-Sep-14	08-Sep-14	228
	Civil & Structural Works	89	01-Sep-14	08-Sep-14	228
	Retaining Wall Group # 5 -(St. 30+40 to St.36+40)	77	01-Sep-14	01-Sep-14	234
	Civil & Structural Works	77	01-Sep-14	01-Sep-14	234
	Retaining Wall Group # 6 -(St.00+00 to St.30+40)	77	01-Sep-14	01-Sep-14	-3
	Civil & Structural Works	77	01-Sep-14	01-Sep-14	-3
	Balance Tank 1000 m3	261	01-Sep-14	23-Apr-15	-14
	Civil & Structural Works	227	01-Sep-14	15-Mar-15	-14
	Finishing Works	80	31-Dec-14	13-Apr-15	-14
	Metal Fabricated Works	5	07-Apr-15	13-Apr-15	-14
	Mechanical Works	82	06-Jan-15	20-Apr-15	-14
	Electrical & Instrumentation Works	152	12-Oct-14	16-Apr-15	-11
	Test Water Tightness For Reservoir	3	20-Apr-15	23-Apr-15	-14
	Booster Pump System	185	01-Sep-14	20-Apr-15	49
	Civil & Structural Works	113	01-Sep-14	21-Jan-15	121
	Steel Structure & Metal Works	40	09-Feb-15	28-Mar-15	-12
	Mechanical Works	136	13-Oct-14	29-Mar-15	17
	Electrical & Instrumentation Works	90	28-Dec-14	20-Apr-15	-12
	Coatings & Finishing Works	14	19-Feb-15	07-Mar-15	27
	Septic & Seepage Tank	74	02-Sep-14	02-Dec-14	99
	Civil & Structural Works	74	02-Sep-14	02-Dec-14	99
	Plumbing Works	36	19-Oct-14	29-Nov-14	92
	Finishing Works	7	17-Nov-14	24-Nov-14	92
	Electrical & Control Building	149	13-Oct-14	14-Apr-15	-7
	Civil & Structural Works	81	13-Oct-14	19-Jan-15	15
	Finishing Works	34	20-Jan-15	04-Mar-15	3
	Mechanical Works	49	20-Jan-15	22-Mar-15	3
	Electrical & Instrumentation Works	135	29-Oct-14	14-Apr-15	-7
	HVAC-Plumping	10	25-Mar-15	06-Apr-15	0
	Chlorination & Storage Building	123	29-Oct-14	31-Mar-15	5
	Civil & Structural Works	67	29-Oct-14	19-Jan-15	31
	Finishing Works	22	20-Jan-15	18-Feb-15	30
	Mechanical Works	85	09-Nov-14	24-Feb-15	30
	Electrical & Instrumentation Works	116	06-Nov-14	31-Mar-15	5
	HVAC-Plumping	5	25-Feb-15	02-Mar-15	30
	Living Quarters Building	141	01-Sep-14	26-Feb-15	34
	Civil & Structural Works	67	01-Sep-14	23-Nov-14	53
	Finishing Works	26	24-Nov-14	23-Dec-14	74
	Mechanical Works	59	19-Oct-14	25-Dec-14	74
	Electrical & Instrumentation Works	129	15-Sep-14	26-Feb-15	33
	HVAC-Plumping	49	11-Dec-14	15-Feb-15	44
	Electrical Metering Building	151	01-Sep-14	10-Mar-15	23
	Civil & Structural Works	75	01-Sep-14	02-Dec-14	78
	Finishing Works	59	03-Dec-14	18-Feb-15	35
	Electrical & Instrumentation Works	142	06-Sep-14	04-Mar-15	23
	HVAC-Plumping	5	05-Mar-15	10-Mar-15	23
	Pads & Slabs	58	15-Dec-14	01-Mar-15	31
	Civil & Structural Works	43	15-Dec-14	10-Feb-15	31
	Electrical & Instrumentation Works	37	04-Jan-15	24-Feb-15	35
	Mechanical Works	15	11-Feb-15	01-Mar-15	31
	Well Systems	110	29-Oct-14	16-Mar-15	18
	Wellhead and Pad (Structural)	47	29-Oct-14	22-Dec-14	77
	Mechanical	16	25-Feb-15	16-Mar-15	18
	Electrical & Instrumentation Works	5	25-Feb-15	03-Mar-15	29
	Yard Works & Site Electrical Power	67	02-Feb-15	22-Apr-15	4
	External & Finishing Works	67	02-Feb-15	22-Apr-15	-3
	Mechanical Works	24	11-Feb-15	11-Mar-15	40
	Electrical & Instrumentation Works	63	02-Feb-15	18-Apr-15	1
	Flow Control Valve for Mirka Existing Balance Tank & Arraba Existing RSV	20	11-Feb-15	07-Mar-15	17



Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Total Float
	(O&M),Inspection,Commissioning,Start Up & Training for P1	199	01-Sep-14	06-May-15	-8
	Initial Operation & Manufacturer Technical Manual Submittals (O&M)	136	01-Sep-14	21-Feb-15	12
	Approval - Final Operation & Manufacturer Technical Manual Submittals (O&M)	124	20-Oct-14	23-Mar-15	12
	Certificate of Proper Installation for Installed Equipments&Installation (Pre Commissioning)	6	23-Apr-15	30-Apr-15	-14
	Training Phase	11	23-Apr-15	06-May-15	-8
	Comissioning & Start Up Phase for All System	5	30-Apr-15	06-May-15	-14
	Demobilization,Close Out&Handing Over for P1	5	06-May-15	12-May-15	-14
	Project 2 Sanur Well Pump Stations Rehabilitation & Infrastructure Improvements	337	01-Sep-14	16-Jun-15	0
	Mobilization for P2	24			
	P2 - Sanur Well Pump Station Rehabilitation	87			
	Pump Switching Off	1			
	Fishing-Extraction of Fallen Strainer from Sanur Well	19			
	Development	21			
	Design Review After Well Development Results	120			
	P2: Sanur Well Pump Station Infrastructure Improvement	324	01-Sep-14	10-Jun-15	5
	Demolishing,Site Development,Apply Safety Measurments&Site Preparation	104	01-Sep-14	11-Sep-14	225
	Construction of New Pump Station	256	01-Sep-14	10-Jun-15	5
	Balance Tank 1000 m3	256	01-Sep-14	10-Jun-15	-45
	Civil & Structural Works	204	01-Sep-14	11-Apr-15	-45
	Finishing Works	55	08-Mar-15	10-May-15	-38
	Metal Fabricated Works	5	05-May-15	10-May-15	-38
	Mechanical Works	89	01-Feb-15	17-May-15	-38
	Electrical & Instrumentation Works	178	21-Oct-14	25-May-15	-45
	Test Water Tightness For Reservoir	14	26-May-15	10-Jun-15	-45
	Booster Pump System	181	01-Sep-14	15-Apr-15	54
	Civil & Structural Works	35	01-Sep-14	18-Oct-14	200
	Steel Structure & Metal Works	40	18-Oct-14	03-Dec-14	61
	Mechanical Works	146	18-Oct-14	15-Apr-15	-5
	Electrical & Instrumentation Works	139	21-Sep-14	16-Mar-15	1
	Coatings & Finishing Works	14	07-Mar-15	22-Mar-15	14
	Septic & Seepage Tank	78	13-Sep-14	17-Dec-14	76
	Plumbing Works	49	19-Oct-14	14-Dec-14	79
	Finishing Works	7	02-Dec-14	09-Dec-14	36
	Civil & Structural Works	78	13-Sep-14	17-Dec-14	36
	Electrical & Control Building	142	02-Nov-14	26-Apr-15	-17
	Civil & Structural Works	77	02-Nov-14	07-Feb-15	-6
	Finishing Works	26	08-Feb-15	10-Mar-15	-2
	Mechanical Works	37	14-Feb-15	28-Mar-15	-2
	Electrical & Instrumentation Works	134	11-Nov-14	26-Apr-15	-17
	HVAC-Plumping	10	29-Mar-15	08-Apr-15	-2
	Chlorination & Storage Building	117	05-Nov-14	31-Mar-15	5
	Civil & Structural Works	73	05-Nov-14	04-Feb-15	19
	Finishing Works	21	07-Feb-15	03-Mar-15	19
	Mechanical Works	90	16-Nov-14	09-Mar-15	19
	Electrical & Instrumentation Works	110	13-Nov-14	31-Mar-15	5
	HVAC-Plumping	5	10-Mar-15	15-Mar-15	19
	Living Quarters Building	125	28-Oct-14	31-Mar-15	6
	Civil & Structural Works	70	28-Oct-14	21-Jan-15	6
	Finishing Works	26	24-Jan-15	25-Feb-15	27
	Mechanical Works	90	06-Nov-14	28-Feb-15	27
	Electrical & Instrumentation Works	66	11-Nov-14	02-Feb-15	52
	HVAC-Plumping	40	14-Feb-15	31-Mar-15	6
	Electrical Metering Building	97	31-Dec-14	02-May-15	-22
	Civil & Structural Works	76	31-Dec-14	07-Apr-15	-22
	Finishing Works	16	08-Apr-15	26-Apr-15	-22
	Electrical & Instrumentation Works	82	06-Jan-15	19-Apr-15	-16
	HVAC-Plumping	5	27-Apr-15	02-May-15	-22
	Pads & Slabs	61	22-Dec-14	11-Mar-15	22
	Civil & Structural Works	39	22-Dec-14	14-Feb-15	22
	Electrical & Instrumentation Works	29	17-Jan-15	24-Feb-15	26
	Mechanical Works	22	15-Feb-15	11-Mar-15	22
	Finishing Works	2	24-Feb-15	26-Feb-15	26
	Well Systems	136	05-Nov-14	21-Apr-15	-13
	Wellhead and Pad (Structural)	47	05-Nov-14	29-Dec-14	71
	Mechanical	20	30-Mar-15	21-Apr-15	-13



Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Total Float
	Electrical & Instrumentation Works	5	30-Mar-15	04-Apr-15	2
	Yard Works,Widening&Upgrading of Existing Main Road Entrance & Site Electrical Power	74	04-Feb-15	03-May-15	-12
	External & Finishing Works	73	04-Feb-15	02-May-15	-11
	Electrical & Instrumentation Works	74	04-Feb-15	03-May-15	-23
	Mechanical Works	24	15-Feb-15	14-Mar-15	-23
	Flow Control Valve for Jaba Existing Balance Tank&Kafr Rai Existing PS Balance Tank	20	15-Feb-15	09-Mar-15	4
	(O&M),Inspection,Commissioning,Start Up & Training	221	01-Sep-14	31-May-15	-36
	Initial Operation & Manufacturer Technical Manual Submittals (O&M)	136	01-Sep-14	21-Feb-15	12
	Approval - Final Operation & Manufacturer Technical Manual Submittals (O&M)	124	20-Oct-14	23-Mar-15	12
	Certificate of Proper Installation for Installed Equipments&Installation (Pre Commissioning)	6	04-May-15	10-May-15	-23
	Training Phase	11	04-May-15	16-May-15	-23
	Comissioning & Start Up Phase for All System	5	26-May-15	31-May-15	-36
	Demobilization,Close Out&Handing Over	5	11-Jun-15	16-Jun-15	-45
	Project 3 Saadeh Well Pump Station Rehabilitation	25			
	P3 - Saadeh Well Pump Station Rehabilitation	25			
	Mobilization for P3	24			
	Execution	33			
	Demobilization,Close Out&Handing Over for P3	7			

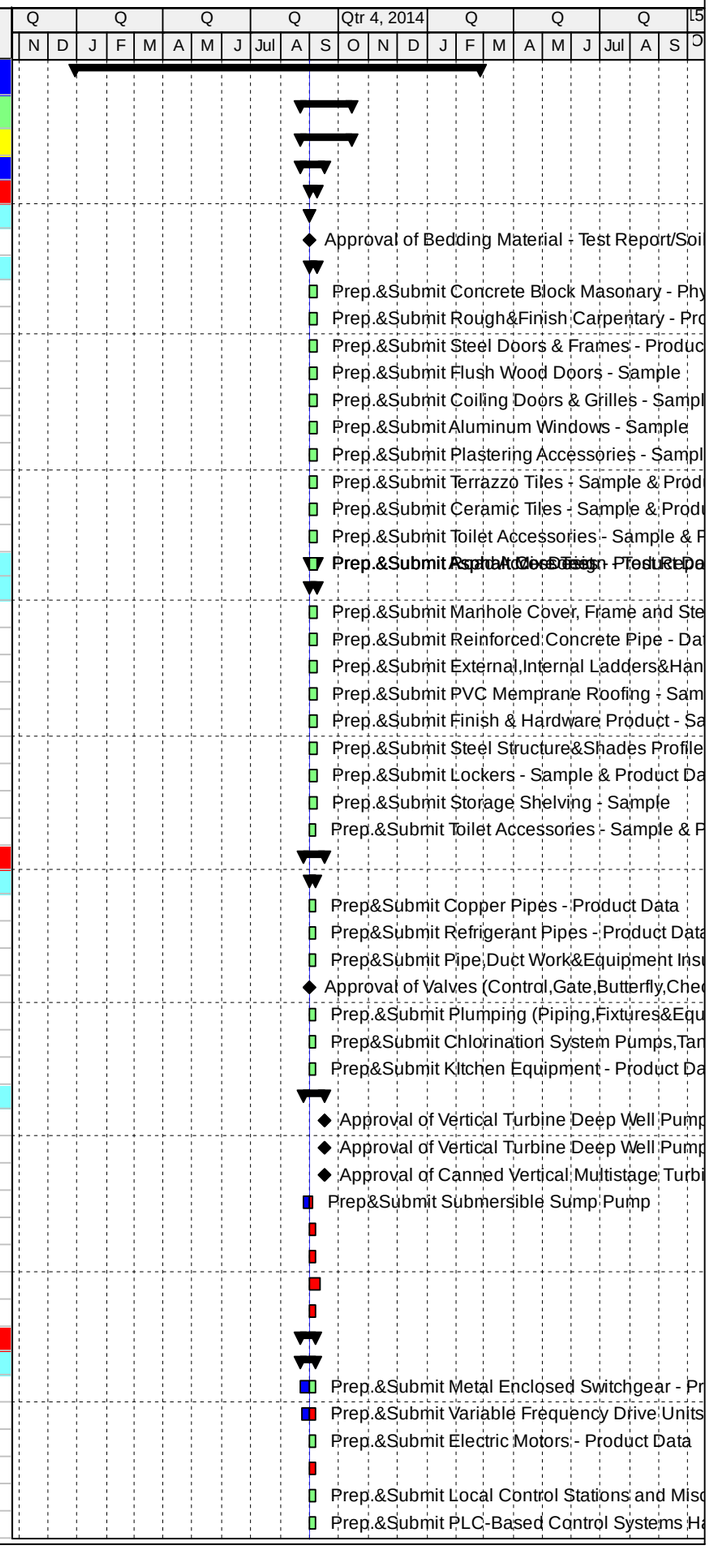


RFTOP WATER-294-13-00018 WELL REHABILITATION IMPROVEMENTS

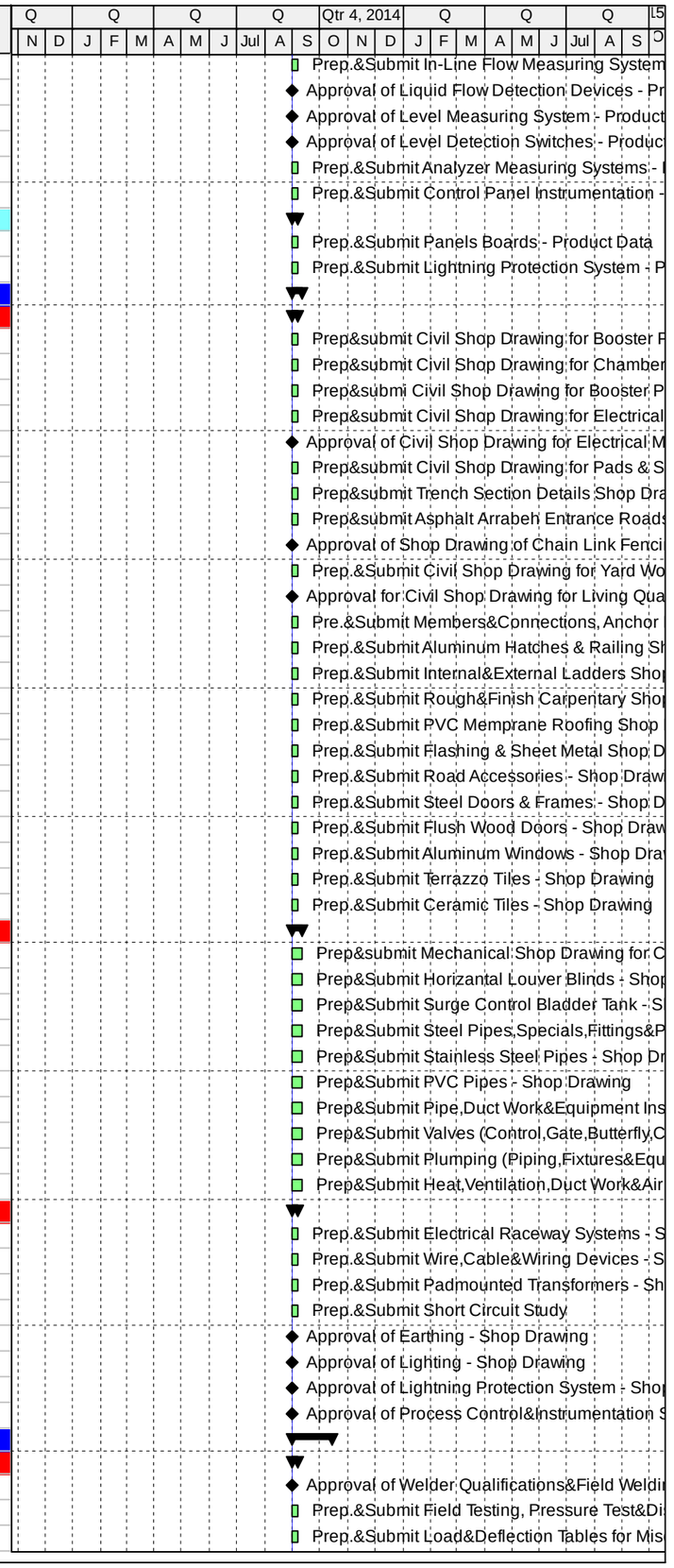
One Month Look Ahead

IRD International Relief & Development

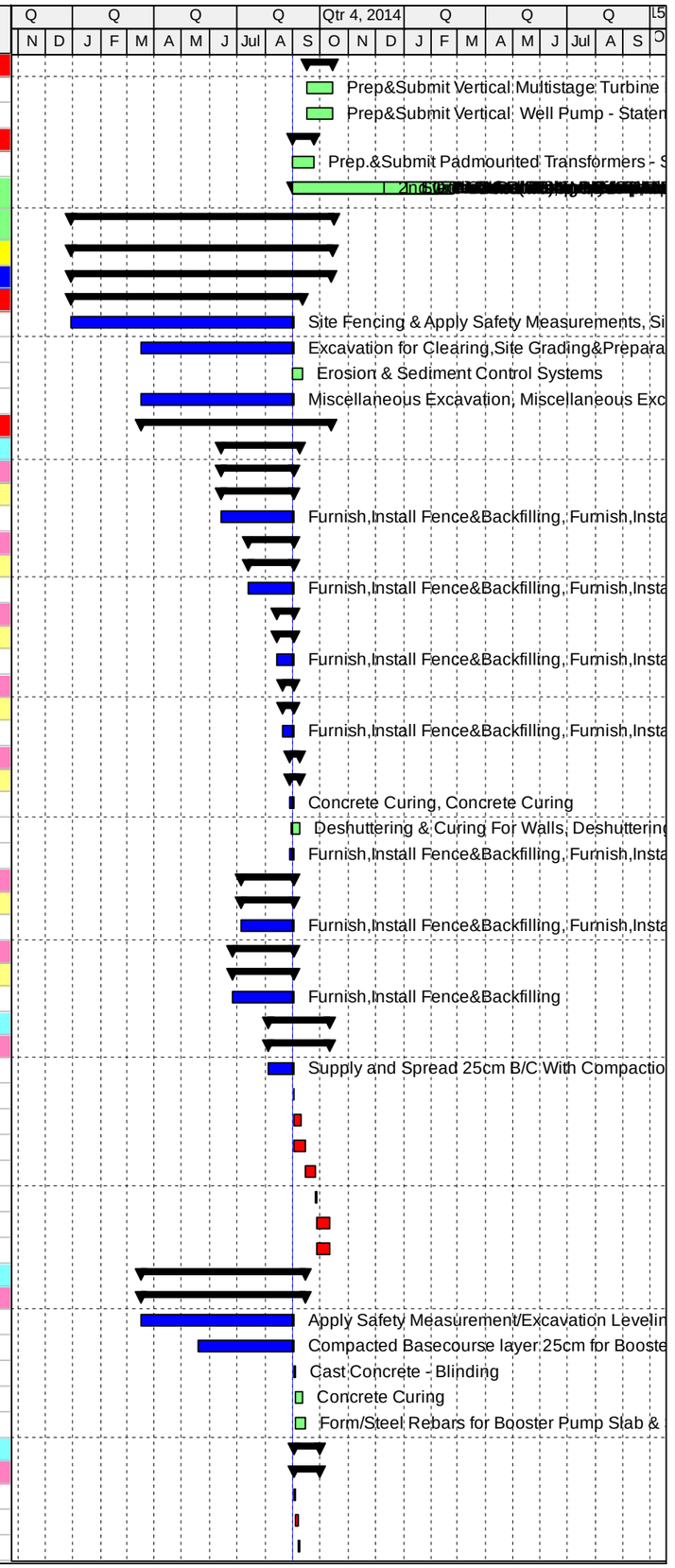
Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Total Float
RFTOP WATER-294-13-00018 WELL REHABILITATION & IMPROVEMENTS					
Submittals					
Construction Submittals					
Material Submittals					
Civil					
Earth Works					
CS265	Approval of Bedding Material - Test Report/Soil Classification	0		01-Sep-14	78
Building Works					
CS530	Prep.&Submit Concrete Block Masonary - Physical Samples & Test Report	7	01-Sep-14	08-Sep-14	96
CS690	Prep.&Submit Rough&Finish Carpentary - Product Data	7	01-Sep-14	08-Sep-14	129
CS770	Prep.&Submit Steel Doors & Frames - Product Data & Sample	7	01-Sep-14	08-Sep-14	129
CS780	Prep.&Submit Flush Wood Doors - Sample	7	01-Sep-14	08-Sep-14	129
CS810	Prep.&Submit Coiling Doors & Grilles - Sample & Product Data	7	01-Sep-14	08-Sep-14	128
CS820	Prep.&Submit Aluminum Windows - Sample	7	01-Sep-14	08-Sep-14	110
CS890	Prep.&Submit Plastering Accessories - Sample	7	01-Sep-14	08-Sep-14	90
CS910	Prep.&Submit Terrazzo Tiles - Sample & Product Data	7	01-Sep-14	08-Sep-14	129
CS930	Prep.&Submit Ceramic Tiles - Sample & Product Data	7	01-Sep-14	08-Sep-14	129
CS982	Prep.&Submit Toilet Accessories - Sample & Product Data	7	01-Sep-14	08-Sep-14	129
Roads Works					
Miscellaneous					
CS480	Prep.&Submit Manhole Cover, Frame and Steps - Product Data	7	01-Sep-14	08-Sep-14	132
CS510	Prep.&Submit Reinforced Concrete Pipe - Data Sheet & Certificates	7	01-Sep-14	08-Sep-14	74
CS610	Prep.&Submit External,Internal Ladders&Handrail - Product Data & Sample	7	01-Sep-14	08-Sep-14	128
CS700	Prep.&Submit PVC Memprane Roofing - Sample&Product Data	7	01-Sep-14	08-Sep-14	120
CS860	Prep.&Submit Finish & Hardware Product - Sample & Product Data	7	01-Sep-14	08-Sep-14	110
CS900	Prep.&Submit Steel Structure&Shades Profiles- Samples & Product Data	7	01-Sep-14	08-Sep-14	64
CS970	Prep.&Submit Lockers - Sample & Product Data	7	01-Sep-14	08-Sep-14	129
CS975	Prep.&Submit Storage Shelving - Sample	7	01-Sep-14	08-Sep-14	64
CS996	Prep.&Submit Toilet Accessories - Sample & Product Data	5	01-Sep-14	06-Sep-14	131
Mechanical					
Local Manufacturer					
CS341	Prep&Submit Copper Pipes - Product Data	5	01-Sep-14	06-Sep-14	24
CS351	Prep&Submit Refrigerant Pipes - Product Data	5	01-Sep-14	06-Sep-14	24
CS481	Prep&Submit Pipe,Duct Work&Equipment Insulation - Product Data	5	01-Sep-14	06-Sep-14	24
CS577	Approval of Valves (Control,Gate,Butterfly,Check,Ball,Pressure,,etc) - Product Data/Test Reports	0		01-Sep-14	50
CS581	Prep.&Submit Plumping (Piping,Fixtures&Equipment) - Product Data	5	01-Sep-14	06-Sep-14	54
CS677	Prep&Submit Chlorination System Pumps,Tanks,Drums,Injectors,Hose Pips.	5	01-Sep-14	06-Sep-14	133
CS688	Prep&Submit KItchen Equipment - Product Data	5	01-Sep-14	06-Sep-14	131
Abroad Manufacturer (Long Lead Items)					
CS227	Approval of Vertical Turbine Deep Well Pump - Arrabeh Well	0		15-Sep-14	0
CS229	Approval of Vertical Turbine Deep Well Pump - Sanur Well	0		16-Sep-14	14
CS237	Approval of Canned Vertical Multistage Turbine Booster Pump	0		15-Sep-14	15
CS251	Prep&Submit Submersible Sump Pump	5	01-Sep-14	03-Sep-14	-13
CS271	Prep&Submit Compressors, Tank-Mounted, Reciprocating	5	01-Sep-14	06-Sep-14	-3
CS291	Prep&Submit Horizantal Louver Blinds - Sample	5	01-Sep-14	06-Sep-14	-3
CS301	Prep&Submit Surge Control Bladder Tank - Certification,Product Data&Test report	10	01-Sep-14	11-Sep-14	-8
CS311	Prep&Submit Polyethylene Tank - Product Data	5	01-Sep-14	06-Sep-14	-3
Electrical					
Abroad Manufacturer (Long Lead Items)					
CS1140	Prep.&Submit Metal Enclosed Switchgear - Product Data	5	01-Sep-14	06-Sep-14	13
CS1170	Prep.&Submit Variable Frequency Drive Units 400V - Product Data	5	01-Sep-14	06-Sep-14	-13
CS1190	Prep.&Submit Electric Motors - Product Data	5	01-Sep-14	06-Sep-14	13
CS1220	Prep.&Submit Low Voltage Motor Control Center - Product Data	5	01-Sep-14	06-Sep-14	-5
CS1230	Prep.&Submit Local Control Stations and Miscellaneous Electrical Devices - Product Data	5	01-Sep-14	06-Sep-14	1
CS1280	Prep.&Submit PLC-Based Control Systems Hardware&Software - Product Data	5	01-Sep-14	06-Sep-14	13



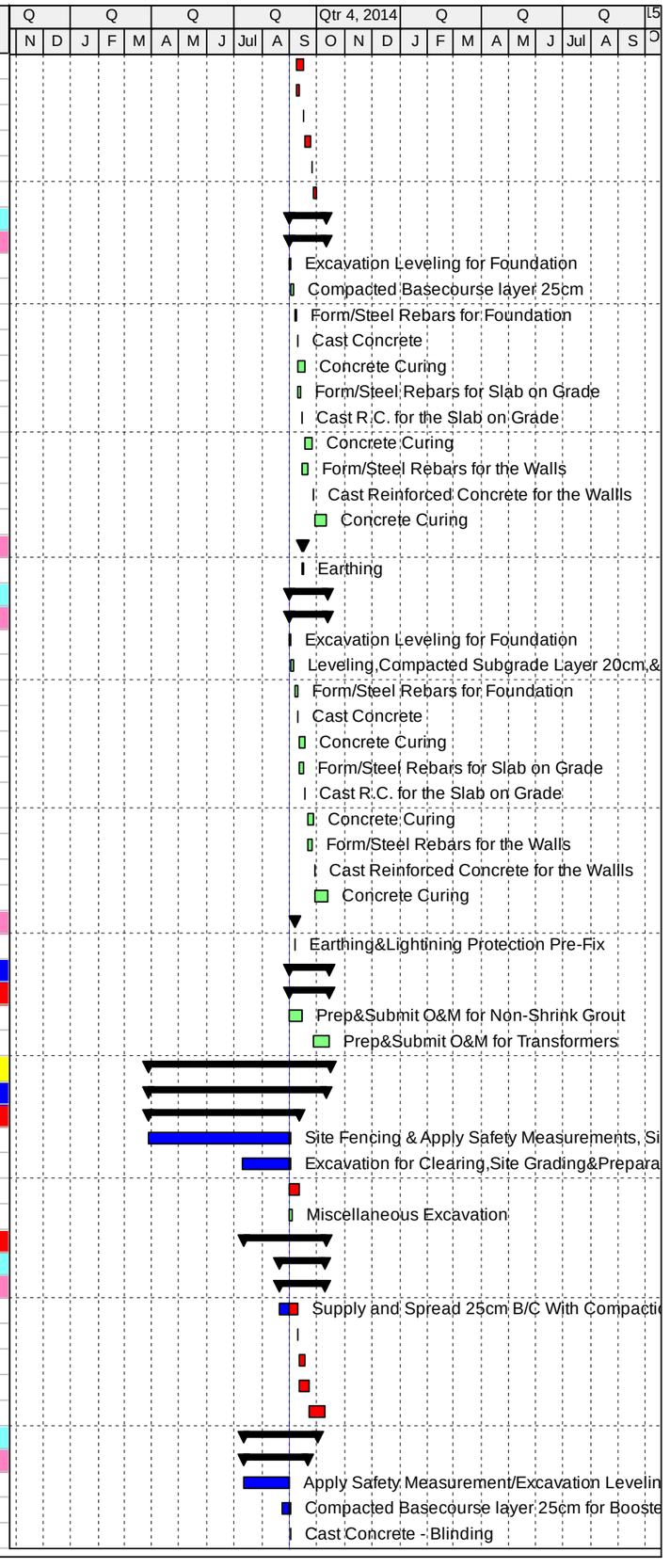
Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Total Float
CS1290	Prep.&Submit In-Line Flow Measuring Systems - Product Data	5	01-Sep-14	06-Sep-14	13
CS1305	Approval of Liquid Flow Detection Devices - Product Data	0		01-Sep-14	32
CS1315	Approval of Level Measuring System - Product Data&Certificates	0		01-Sep-14	44
CS1325	Approval of Level Detection Switches - Product Data&Certificates	0		01-Sep-14	44
CS1350	Prep.&Submit Analyzer Measuring Systems - Product Data&Certificates	5	01-Sep-14	06-Sep-14	1
CS1360	Prep.&Submit Control Panel Instrumentation - Product Data&Certificates	5	01-Sep-14	06-Sep-14	40
Local Manufacturer					
CS1210	Prep.&Submit Panels Boards - Product Data	5	01-Sep-14	06-Sep-14	38
CS1250	Prep.&Submit Lightning Protection System - Product Data	5	01-Sep-14	06-Sep-14	122
Shop Drawings					
Civil					
CS326	Prep&submit Civil Shop Drawing for Booster Pump Including Steel Structure-Arrabeh	5	01-Sep-14	06-Sep-14	204
CS334	Prep&submit Civil Shop Drawing for Chambers&Structural Elemments Detailed Reinforcement - Arr	5	01-Sep-14	06-Sep-14	90
CS375	Prep&submi Civil Shop Drawing for Booster Pump Including Steel Structure-Sanour	5	01-Sep-14	06-Sep-14	66
CS380	Prep&submit Civil Shop Drawing for Electrical & Control Building	5	01-Sep-14	06-Sep-14	11
CS395	Approval of Civil Shop Drawing for Electrical Metering Building	0		01-Sep-14	77
CS410	Prep&submit Civil Shop Drawing for Pads & Slabs	5	01-Sep-14	06-Sep-14	37
CS430	Prep&submit Trench Section Details Shop Drawing	5	01-Sep-14	06-Sep-14	111
CS454	Prep&submit Asphalt Arrabeh Entrance Roads Shop Drawing	5	01-Sep-14	06-Sep-14	137
CS495	Approval of Shop Drawing of Chain Link Fencing & Gates - Arrabeh&Sanour	0		01-Sep-14	147
CS625	Prep.&Submit Civil Shop Drawing for Yard Works-Sanour	5	01-Sep-14	06-Sep-14	69
CS637	Approval for Civil Shop Drawing for Living Quarters Building - Sanour	0		01-Sep-14	22
CS640	Pre.&Submit Members&Connections, Anchor Bolts Layout	5	01-Sep-14	06-Sep-14	47
CS660	Prep.&Submit Aluminum Hatches & Railing Shop Drawings	5	01-Sep-14	06-Sep-14	98
CS670	Prep.&Submit Internal&External Ladders Shop Drawings	5	01-Sep-14	06-Sep-14	130
CS680	Prep.&Submit Rough&Finish Carpentary Shop Drawings	5	01-Sep-14	06-Sep-14	132
CS710	Prep.&Submit PVC Memprane Roofing Shop Drawings	5	01-Sep-14	06-Sep-14	134
CS730	Prep.&Submit Flashing & Sheet Metal Shop Drawing	5	01-Sep-14	06-Sep-14	66
CS750	Prep.&Submit Road Accessories - Shop Drawing	5	01-Sep-14	06-Sep-14	132
CS790	Prep.&Submit Steel Doors & Frames - Shop Drawing	5	01-Sep-14	06-Sep-14	132
CS800	Prep.&Submit Flush Wood Doors - Shop Drawing	5	01-Sep-14	06-Sep-14	129
CS840	Prep.&Submit Aluminum Windows - Shop Drawing	5	01-Sep-14	06-Sep-14	112
CS880	Prep.&Submit Terrazzo Tiles - Shop Drawing	5	01-Sep-14	06-Sep-14	131
CS920	Prep.&Submit Ceramic Tiles - Shop Drawing	5	01-Sep-14	06-Sep-14	131
Mechanical					
CS340	Prep&submit Mechanical Shop Drawing for Chambers	10	01-Sep-14	11-Sep-14	85
CS441	Prep&Submit Horizantal Louver Blinds - Shop Drawing	10	01-Sep-14	11-Sep-14	121
CS451	Prep&Submit Surge Control Bladder Tank - Shop Drawing	10	01-Sep-14	11-Sep-14	81
CS491	Prep&Submit Steel Pipes,Specials,Fittings&Pipes Supports - Shop Drawing	10	01-Sep-14	11-Sep-14	42
CS501	Prep&Submit Stainless Steel Pipes - Shop Drawing	10	01-Sep-14	11-Sep-14	129
CS541	Prep&Submit PVC Pipes - Shop Drawing	10	01-Sep-14	11-Sep-14	133
CS551	Prep&Submit Pipe,Duct Work&Equipment Insulation - Shop Drawing	10	01-Sep-14	11-Sep-14	128
CS561	Prep&Submit Valves (Control,Gate,Butterfly,Check,Ball,Pressure,,etc) - Shop Drawing	10	01-Sep-14	11-Sep-14	48
CS591	Prep&Submit Plumping (Piping,Fixtures&Equipment) - Shop Drawing	10	01-Sep-14	11-Sep-14	100
CS611	Prep&Submit Heat,Ventilation,Duct Work&Air Conditioning Equipment - Shop Drawing	10	01-Sep-14	11-Sep-14	128
Electrical					
CS671	Prep.&Submit Electrical Raceway Systems - Shop Drawing	5	01-Sep-14	06-Sep-14	117
CS681	Prep.&Submit Wire,Cable&Wiring Devices - Shop Drawing	5	01-Sep-14	06-Sep-14	117
CS711	Prep.&Submit Padmounted Transformers - Shop Drawing	5	01-Sep-14	06-Sep-14	131
CS731	Prep.&Submit Short Circuit Study	5	01-Sep-14	06-Sep-14	66
CS747	Approval of Earthing - Shop Drawing	0		01-Sep-14	-7
CS827	Approval of Lighting - Shop Drawing	0		01-Sep-14	140
CS837	Approval of Lightning Protection System - Shop Drawing	0		01-Sep-14	153
CS857	Approval of Process Control&Instrumentation System - Shop Drawing	0		01-Sep-14	163
Methods Statement & Work Plans					
Civil					
CS1058	Approval of Welder Qualifications&Field Welding Procedure	0		01-Sep-14	78
CS1391	Prep.&Submit Field Testing, Pressure Test&Disinfection Plan	5	01-Sep-14	06-Sep-14	95
CS2160	Prep.&Submit Load&Deflection Tables for Miscellanios Metal Works	5	01-Sep-14	06-Sep-14	66



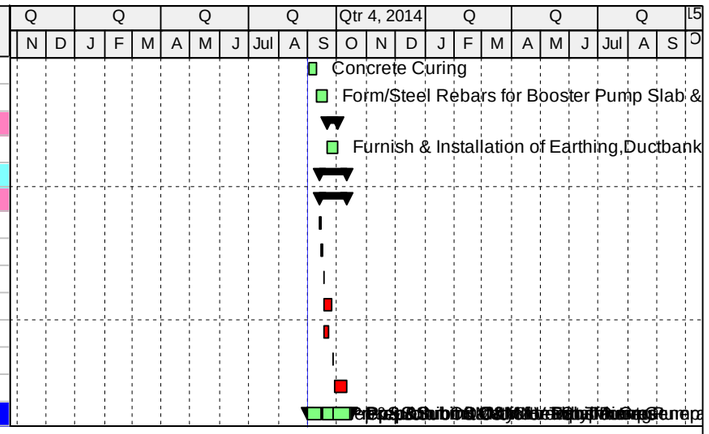
Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Total Float
Mechanical					
CS1411	Prep&Submit Vertical Multistage Turbine Booster Pump - Statements	20	16-Sep-14	14-Oct-14	99
CS2170	Prep&Submit Vertical Well Pump - Statements	20	16-Sep-14	14-Oct-14	99
Electrical					
CS1431	Prep.&Submit Padmounted Transformers - Statements	20	01-Sep-14	23-Sep-14	125
Procurement					
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-000005	Site Fencing & Apply Safety Measurements	3	01-Sep-14	02-Sep-14	234
P1-DEMO-000010	Excavation for Clearing,Site Grading&Preparation	7	01-Sep-14	02-Sep-14	225
P1-DEMO-000020	Erosion & Sediment Control Systems	10	01-Sep-14	11-Sep-14	225
P1-DEMO-000030	Miscellaneous Excavation	3	01-Sep-14	01-Sep-14	235
Construction of New Pump Station					
Retaining Walls					
Retaining Wall Group # 1 (St.36+40 to St.55+60)					
Civil & Structural Works					
P1-RT-95	Furnish,Install Fence&Backfilling	2	01-Sep-14	01-Sep-14	159
Retaining Wall Group # 2 (St.55+60 to St.78+80)					
Civil & Structural Works					
P1-RT-180	Furnish,Install Fence&Backfilling	2	01-Sep-14	02-Sep-14	234
Retaining Wall Group # 3 (St.78+80 to St.102+00)					
Civil & Structural Works					
P1-RT-270	Furnish,Install Fence&Backfilling	2	01-Sep-14	01-Sep-14	234
Boundary Wall Group # 4 A -(St-102+00 to St.126+80)					
Civil & Structural Works					
P1-RT-360	Furnish,Install Fence&Backfilling	2	01-Sep-14	01-Sep-14	234
Boundary Wall Group # 4 B -(St.126+80 to St.140+20)					
Civil & Structural Works					
P1-RT-610	Concrete Curing	7	01-Sep-14	02-Sep-14	234
P1-RT-620	Deshuttering & Curing For Walls	7	01-Sep-14	08-Sep-14	228
P1-RT-630	Furnish,Install Fence&Backfilling	2	01-Sep-14	01-Sep-14	234
Retaining Wall Group # 5 -(St. 30+40 to St.36+40)					
Civil & Structural Works					
P1-RT-450	Furnish,Install Fence&Backfilling	2	01-Sep-14	01-Sep-14	234
Retaining Wall Group # 6 -(St.00+00 to St.30+40)					
Civil & Structural Works					
P1-RT-540	Furnish,Install Fence&Backfilling	2	01-Sep-14	01-Sep-14	-3
Balance Tank 1000 m3					
Civil & Structural Works					
P1-BT-000020	Supply and Spread 25cm B/C With Compaction Test & under ground Piping (Perforated Pipes)	10	01-Sep-14	01-Sep-14	-14
P1-BT-000030	Casting Lean Concrete Under Balance Tank	1	01-Sep-14	02-Sep-14	-14
P1-BT-000040	Concrete Curing	7	02-Sep-14	10-Sep-14	-14
P1-BT-000050	Form/Steel Rebars for Base Slab/Installing Water Stop	10	02-Sep-14	14-Sep-14	-14
P1-BT-000060	Internal Formwork for 1st Group Blocks (Costruction Joints)	10	14-Sep-14	25-Sep-14	-14
P1-BT-000070	Casting Concrete for 1st Group Blocks	1	25-Sep-14	27-Sep-14	-14
P1-BT-000080	Deshuttering/Steel Rebars Cleaning	7	27-Sep-14	11-Oct-14	-12
P1-BT-000090	Concrete Curing	8	27-Sep-14	12-Oct-14	-14
Booster Pump System					
Civil & Structural Works					
P1-BP-000040	Apply Safety Measurement/Excavation Leveling for Foundation	1	01-Sep-14	01-Sep-14	235
P1-BP-000050	Compacted Basecourse layer 25cm for Booster Pump Slab	2	01-Sep-14	02-Sep-14	84
P1-BP-000060	Cast Concrete - Blinding	1	02-Sep-14	03-Sep-14	84
P1-BP-000070	Concrete Curing	7	03-Sep-14	11-Sep-14	86
P1-BP-000080	Form/Steel Rebars for Booster Pump Slab & Steel Burrel Encasement	9	03-Sep-14	14-Sep-14	84
Septic & Seepage Tank					
Civil & Structural Works					
P1-SS-000040	Excavation for Foundation,Furnishing Leveling&Compaction	2	02-Sep-14	03-Sep-14	-3
P1-SS-000050	Form/Steel Rebars for Base Slab & Ring Beam Including Water Stop	2	04-Sep-14	06-Sep-14	-3
P1-SS-000060	Cast R.C. for Base Slab & Ring Beam	1	07-Sep-14	07-Sep-14	-3



Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Total Float
P1-SS-000070	Concrete Curing	7	08-Sep-14	15-Sep-14	-3
P1-SS-000080	Form/Steel Rebars for the Walls	4	08-Sep-14	11-Sep-14	0
P1-SS-000090	Cast Reinforced Concrete for the Wallls	1	16-Sep-14	16-Sep-14	-3
P1-SS-000100	Concrete Curing	7	17-Sep-14	24-Sep-14	-3
P1-SS-000110	Deshuttering & Curing For Walls	1	25-Sep-14	25-Sep-14	-3
P1-SS-000120	Form/Steel Rebars for the Roof Slab	4	27-Sep-14	30-Sep-14	-3
Living Quarters Building					
Civil & Structural Works					
P1-LQ-000030	Excavation Leveling for Foundation	1	01-Sep-14	01-Sep-14	53
P1-LQ-000040	Compacted Basecourse layer 25cm	3	02-Sep-14	04-Sep-14	53
P1-LQ-000050	Form/Steel Rebars for Foundation	3	06-Sep-14	08-Sep-14	53
P1-LQ-000060	Cast Concrete	1	09-Sep-14	09-Sep-14	53
P1-LQ-000070	Concrete Curing	7	10-Sep-14	17-Sep-14	53
P1-LQ-000080	Form/Steel Rebars for Slab on Grade	3	10-Sep-14	13-Sep-14	56
P1-LQ-000090	Cast R.C. for the Slab on Grade	1	14-Sep-14	14-Sep-14	56
P1-LQ-000100	Concrete Curing	7	18-Sep-14	25-Sep-14	53
P1-LQ-000110	Form/Steel Rebars for the Walls	5	15-Sep-14	20-Sep-14	58
P1-LQ-000120	Cast Reinforced Concrete for the Wallls	1	27-Sep-14	27-Sep-14	53
P1-LQ-000130	Concrete Curing	7	28-Sep-14	11-Oct-14	53
Electrical & Instrumentation Works					
P1-LQ-E-00010	Earthing	1	15-Sep-14	15-Sep-14	84
Electrical Metering Building					
Civil & Structural Works					
P1-EM-000030	Excavation Leveling for Foundation	1	01-Sep-14	01-Sep-14	78
P1-EM-000040	Leveling,Compacted Subgrade Layer 20cm,&Piping	3	02-Sep-14	04-Sep-14	78
P1-EM-000050	Form/Steel Rebars for Foundation	4	06-Sep-14	09-Sep-14	78
P1-EM-000060	Cast Concrete	1	10-Sep-14	10-Sep-14	78
P1-EM-000070	Concrete Curing	7	11-Sep-14	18-Sep-14	78
P1-EM-000080	Form/Steel Rebars for Slab on Grade	5	11-Sep-14	16-Sep-14	79
P1-EM-000090	Cast R.C. for the Slab on Grade	1	17-Sep-14	17-Sep-14	79
P1-EM-000100	Concrete Curing	7	20-Sep-14	27-Sep-14	78
P1-EM-000110	Form/Steel Rebars for the Walls	5	21-Sep-14	25-Sep-14	79
P1-EM-000120	Cast Reinforced Concrete for the Wallls	1	28-Sep-14	28-Sep-14	78
P1-EM-000130	Concrete Curing	7	29-Sep-14	12-Oct-14	85
Electrical & Instrumentation Works					
P1-EM-E-00010	Earthing&Lightining Protection Pre-Fix	1	06-Sep-14	06-Sep-14	154
(O&M),Inspection,Commissioning,Start Up & Training for P1					
Initial Operation & Manufacturer Technical Manual Submittals (O&M)					
P1-OM-430	Prep&Submit O&M for Non-Shrink Grout	12	01-Sep-14	14-Sep-14	72
P1-OM-590	Prep&Submit O&M for Transformers	10	27-Sep-14	14-Oct-14	115
Project 2 Sanur Well Pump Stations Rehabilitation & Infrastructure Improvements					
P2: Sanur Well Pump Station Infrastructure Improvement					
Demolishing,Site Development,Apply Safety Measurments&Site Preparation					
P2-DEMO-35	Site Fencing & Apply Safety Measurements	3	01-Sep-14	01-Sep-14	235
P2-DEMO-40	Excavation for Clearing,Site Grading&Preparation	7	01-Sep-14	02-Sep-14	-23
P2-DEMO-50	Erosion & Sediment Control Systems	10	01-Sep-14	11-Sep-14	-23
P2-DEMO-70	Miscellaneous Excavation	3	01-Sep-14	03-Sep-14	232
Construction of New Pump Station					
Balance Tank 1000 m3					
Civil & Structural Works					
P2-BT-330	Supply and Spread 25cm B/C With Compaction Test & under ground Piping (Perforated Pipes)	10	01-Sep-14	09-Sep-14	-45
P2-BT-340	Casting Lean Concrete Under Balance Tank	1	10-Sep-14	10-Sep-14	-45
P2-BT-350	Concrete Curing	7	11-Sep-14	18-Sep-14	-45
P2-BT-360	Form/Steel Rebars for Base Slab/Installing Water Stop	10	11-Sep-14	22-Sep-14	-45
P2-BT-370	Internal Formwork for 1st Group Blocks (Costruction Joints)	10	23-Sep-14	09-Oct-14	-45
Booster Pump System					
Civil & Structural Works					
P2-BP-130	Apply Safety Measurement/Excavation Leveling for Foundation	1	01-Sep-14	01-Sep-14	235
P2-BP-140	Compacted Basecourse layer 25cm for Booster Pump Slab	2	01-Sep-14	01-Sep-14	42
P2-BP-150	Cast Concrete - Blinding	1	01-Sep-14	02-Sep-14	42



Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Total Float
P2-BP-160	Concrete Curing	7	02-Sep-14	10-Sep-14	42
P2-BP-170	Form/Steel Rebars for Booster Pump Slab & Steel Burrel Encasement	9	10-Sep-14	21-Sep-14	42
Electrical & Instrumentation Works					
P2-BP-E-50	Furnish & Installation of Earthing,Ductbanks&Raceway	10	21-Sep-14	02-Oct-14	42
Septic & Seepage Tank					
Civil & Structural Works					
P2-SS-220	Excavation for Foundation,Leveling,Subgrade layers Compacted	2	13-Sep-14	14-Sep-14	-23
P2-SS-230	Form/Steel Rebars for Base Slab & Ring Beam Including Water Stop	2	15-Sep-14	16-Sep-14	-23
P2-SS-240	Cast R.C. for Base Slab & Ring Beam	1	17-Sep-14	17-Sep-14	-23
P2-SS-250	Concrete Curing	7	18-Sep-14	25-Sep-14	-23
P2-SS-260	Form/Steel Rebars for the Walls	4	18-Sep-14	22-Sep-14	-20
P2-SS-270	Cast Reinforced Concrete for the Wallls	1	27-Sep-14	27-Sep-14	-23
P2-SS-280	Concrete Curing	7	28-Sep-14	11-Oct-14	-23
(O&M),Inspection,Commissioning,Start Up & Training					



SNW 22.2 "S" Curve

INTERNATIONAL RELIEF AND DEVELOPMENT, IRD

USAID-INFRSTRUCTURE NEEDS PROGRAM (INP)

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

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

PROJECT 1 Arrabeh Well Pump Station - Rehabilitation and Infrastructure Improvements

	USD
Total Contract Value Less Day Work:	$6,516,970.57
NTP (Notice to Proceed)	23-Oct-13
Duration of Contract:	550 CD
Completion Date:	25-Apr-15
Data Date:	

PROJECT 2 Sanur Well Pump Station - Rehabilitation and Infrastructure Improvements

	USD
Total Contract Value Less Day Work:	$7,011,251.36
NTP (Notice to Proceed)	23-Oct-13
Duration of Contract:	550 CD
Completion Date:	25-Apr-15
Data Date:	

PROJECT 3 Saadeh Well Pump Station - Rehabilitation

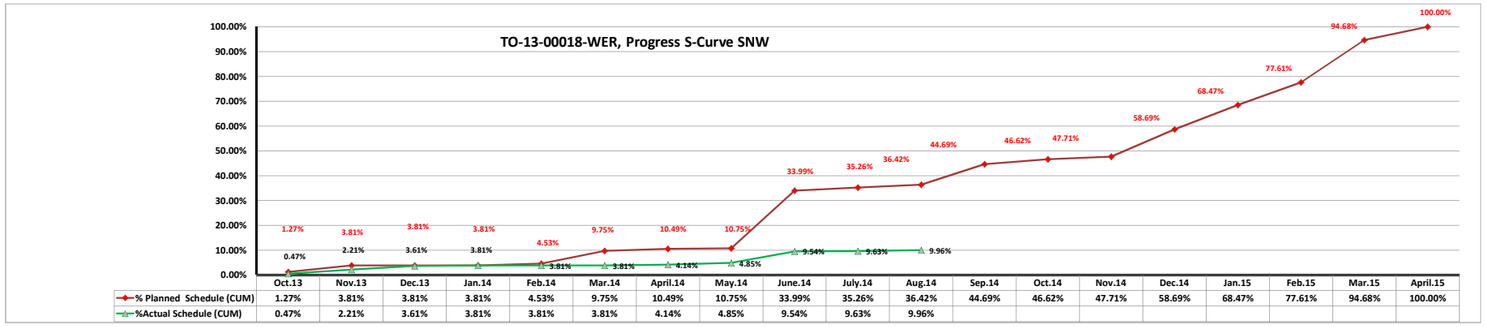
	USD
Total Contract Value Less Day Work:	$493,634.98
Revised Total Contract Value Less Day Work:	$376,334.82
NTP (Notice to Proceed)	23-Oct-13
Duration of Contract:	120 CD
Completion Date:	19-Feb-14
Revised Completion Date :	11-Mar-14
Data Date:	

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

	USD
Total Contract Value Less Day Work:	$14,021,856.91
Day Work Value:	$700,000.00
Total Contract Value Including Day Work:	$14,721,856.91
Revised Total Contract Value Less Day Work:	$13,904,556.73
Day Work Value:	$817,300.18
Total Contract Value Including Day Work:	$14,721,856.91

PROGRESS S-CURVE & CASH FLOW SCHEDULE

	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	TOTAL
Planned Schedule Value	$89,031.76	$178,063.52	$0.00	$0.00	$50,174.31	$366,069.78	$52,054.25	$18,529.80	$1,629,422.14	$88,484.74	$81,638.67	$580,138.98	$134,972.72	$76,571.56	$769,741.05	$685,807.25	$641,052.45	$1,196,820.69	$372,677.69	$7,011,251.36
Planned Schedule Value (CUM)	$77,902.79	$267,095.28	$281,908.05	$315,880.76	$375,724.65	$725,517.34	$898,695.58	$934,835.75	$997,990.64	$1,243,541.31	$1,761,611.80	$2,601,559.21	$3,021,324.71	$3,702,761.95	$6,261,674.86	$6,527,630.28	$6,639,899.51	$6,908,943.42	$7,011,251.35	$7,011,251.35
Actual Schedule Value	$32,801.17	$121,832.94	$98,403.52	$14,057.65	$0.00	$0.00	$22,917.57	$49,725.13	$328,788.62	$6,625.50	$23,269.31									
Actual Schedule Value (CUM)	$32,801.17	$154,634.11	$253,037.63	$267,095.28	$267,095.28	$267,095.28	$290,012.85	$339,737.98	$668,526.60	$675,152.10	$698,421.41									
% Planned Schedule	1.27%	2.54%	0.00%	0.00%	0.72%	5.22%	0.74%	0.26%	23.24%	1.26%	1.16%	8.27%	1.93%	1.09%	10.98%	9.78%	9.14%	17.07%	5.32%	100%
% Planned Schedule (CUM)	1.27%	3.81%	3.81%	3.81%	4.53%	9.75%	10.49%	10.75%	33.99%	35.26%	36.42%	44.69%	46.62%	47.71%	58.69%	68.47%	77.61%	94.68%	100.00%	100%
% Actual Schedule	0.47%	1.74%	1.40%	0.20%	0.00%	0.00%	0.33%	0.71%	4.69%	0.09%	0.33%									
%Actual Schedule (CUM)	0.47%	2.21%	3.61%	3.81%	3.81%	3.81%	4.14%	4.85%	9.54%	9.63%	9.96%									



SNW 22.2 "S" Curve

USAID
FROM THE AMERICAN PEOPLE

IRD International Relief & Development

INTERNATIONAL RELIEF AND DEVELOPMENT, IRD

USAID-INFRSTRUCTURE NEEDS PROGRAM (INP)

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

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

PROJECT 1 Arrabeh Well Pump Station - Rehabilitation and Infrastructure Improvements

	USD
Total Contract Value Less Day Work:	$6,516,970.57
NTP (Notice to Proceed)	23-Oct-13
Duration of Contract:	550 CD
Completion Date:	25-Apr-15
Data Date:	

PROJECT 2 Sanur Well Pump Station - Rehabilitation and Infrastructure Improvements

	USD
Total Contract Value Less Day Work:	$7,011,251.36
NTP (Notice to Proceed)	23-Oct-13
Duration of Contract:	550 CD
Completion Date:	25-Apr-15
Data Date:	

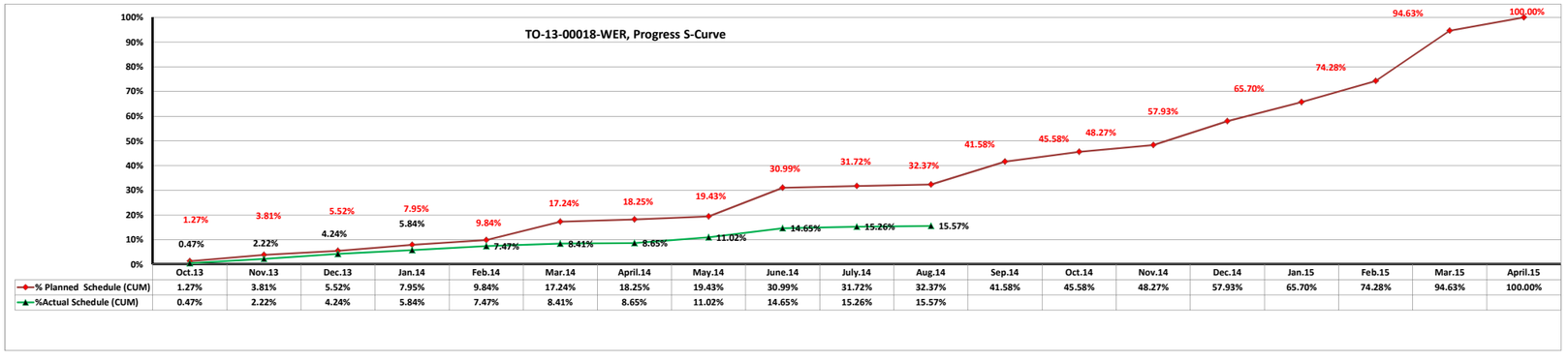
PROJECT 3 Saadeh Well Pump Station - Rehabilitation

	USD
Total Contract Value Less Day Work:	$493,634.98
Revised Total Contract Value Less Day Work:	$376,334.82
NTP (Notice to Proceed)	23-Oct-13
Duration of Contract:	120 CD
Completion Date:	19-Feb-14
Revised Completion Date :	11-Mar-14
Data Date:	

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

	USD
Total Contract Value Less Day Work:	$14,021,856.91
Day Work Value:	$700,000.00
Total Contract Value Including Day Work:	$14,721,856.91
Revised Total Contract Value Less Day Work:	$13,904,556.73
Day Work Value:	$817,300.18
Total Contract Value Including Day Work:	$14,721,856.91

	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	TOTAL
Planned Schedule Value	$178,055.32	$356,110.65	$239,531.63	$340,863.76	$265,630.41	$1,036,569.88	$142,064.98	$165,787.18	$1,621,107.65	$101,526.35	$91,263.33	$1,291,207.84	$561,137.67	$377,098.76	$1,355,243.65	$1,089,356.97	$1,203,071.89	$2,853,307.27	$752,921.71	$14,021,856.90
Planned Schedule Value (CUM)	$178,055.32	$534,165.97	$773,697.60	$1,114,561.36	$2,150,197.13	$2,557,813.97	$2,770,192.54	$2,952,502.65	$3,131,594.56	$3,442,262.83	$4,203,487.84	$5,367,910.89	$6,057,671.91	$7,182,846.02	$11,786,324.99	$12,656,319.68	$13,283,860.66	$13,781,338.08	$14,021,856.90	$14,021,856.90
Actual Schedule Value	$65,599.32	$243,654.67	$280,936.19	$221,497.26	$226,373.76	$130,651.66	$34,462.58	$328,945.65	$504,672.93	$85,017.98	$43,447.25									
Actual Schedule Value (CUM)	$65,599.32	$309,253.99	$590,190.18	$811,687.44	$1,038,061.20	$1,168,712.86	$1,203,175.44	$1,532,121.09	$2,036,794.02	$2,121,812.00	$2,165,259.25									
% Planned Schedule	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%	9.67%	7.77%	8.58%	20.35%	5.37%	100%
% Planned Schedule (CUM)	1.27%	3.81%	5.52%	7.95%	9.84%	17.24%	18.25%	19.43%	30.99%	31.72%	32.37%	41.58%	45.58%	48.27%	57.93%	65.70%	74.28%	94.63%	100.00%	100%
% Actual Schedule	0.47%	1.75%	2.02%	1.59%	1.63%	0.94%	0.25%	2.37%	3.63%	0.61%	0.31%									
%Actual Schedule (CUM)	0.47%	2.22%	4.24%	5.84%	7.47%	8.41%	8.65%	11.02%	14.65%	15.26%	15.57%									



	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
% Planned Schedule (CUM)	1.27%	3.81%	5.52%	7.95%	9.84%	17.24%	18.25%	19.43%	30.99%	31.72%	32.37%	41.58%	45.58%	48.27%	57.93%	65.70%	74.28%	94.63%	100.00%
%Actual Schedule (CUM)	0.47%	2.22%	4.24%	5.84%	7.47%	8.41%	8.65%	11.02%	14.65%	15.26%	15.57%								

SNW 22.2 "S" Curve

SNW 22.3 Site Memos Log

International Relief & Development

Infrastructure Needs Program- INP

USAID Contract No. AID-294-I-00-12-00003

Project: Wells Rehabilitation Project

NOA Date: September 23, 2014
NTP Date: October 25, 2014
Current as Date: September 2, 2014

Site Memoranda From Engineer To Contractor (SM)

Number	Description/Subject	Date Received	Response Date	Comments
SM-13-00018-WER-E-C-009	IRD is kindly requested to postpone VOR No.006 that related to SNW retaining wall till further notice from the Engineer.	August 3, 2014		**SM is referred to Sanur Well**
SM-13-00018-WER-E-C-010	Revised Electrical Drawings for Project #02/Contractor to submit a VOR accordingly	August 10, 2014		**SM is referred to Sanur Well**

SNW 22.4 Material or Equipment Delivered to Site Log

IRD International Relief & Development

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	August 28, 2014	Selected backfill material (Base course)	160 m^3	Sanur Location
2	August 30, 2014	Selected backfill material (Base course)	40 m^3	Sanur Location

IRD International Relief & Development

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	August 1, 2014	Rig			1
2		JCB Back Hole-1993			1
3		Mitsubishi L200 -2007			1
4	August 2, 2014	Crawler Excavator- Hitachi			1
5		Mitsubishi L200-2007	1	8	
6		JCB Back Hole-1993-1			1
7	August 3, 2014	Crawler Excavator- Hitachi			1
8		Mitsubishi L200-2007	1	8	
9		JCB Back Hole-1993-1			1
10	August 4, 2014	Crawler Excavator- Hitachi			1
11		Mitsubishi L200-2007	1	8	
12		JCB Back Hole-1993-1			1
13	August 5, 2014	Wheeled Excavator- Hitachi			1
14		Mitsubishi L200-2007	1	8	
15		Backhoe-JCB-1993-1			1
16	August 6, 2014	Wheeled Excavator- Hitachi			1
17		Mitsubishi L200-2007	1	8	
18		Backhoe-JCB -1993-1			1
19	August 7, 2014	Wheeled Excavator- Hitachi			1
20		Mitsubishi L200-2007	1	8	
21		JCB Back hoe-1993-1			1
22	August 8, 2014	Wheeled Excavator- Hitachi			1
23		JCB Back Hole-1993			1
24	August 9, 2014	Wheeled Excavator- Hitachi	1	8	
25		Mitsubishi L200-2007	1	8	
26		JCB Backhoe-1993-1	1	8	
27		Truck	1	8	
28	August 10, 2014	Crawler Excavator- Hitachi			1
29		Mitsubishi L200-2007			1
30		JCB Back Hole-1993-1			1
31		Truck			1
32	August 11, 2014	Crawler Excavator- Hitachi			1
33		Mitsubishi L200-2007	1	8	
34		JCB Back Hole-1993-1			1
35	August 12, 2014	Crawler Excavator- Hitachi			1
36		Level	1	4	
37		Mitsubishi L200-2007	1	8	
38		JCB Back Hole-1993-1			1
39		Total Station	1	4	
40		Crane	1	2	
41	August 13, 2014	Crawler Excavator- Hitachi			1
42		Mitsubishi L200-2007	1	8	
43		JCB Back Hole-1993-1			1
44	August 14, 2014	Crawler Excavator- Hitachi			1
45		Mitsubishi L200-2007	1	8	
46		JCB Back Hole-1993-1			1

No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
47	August 15, 2014	Crawler Excavator- Hitachi			1
48		JCB Back Hole-1993			1
49	August 16, 2014	Crawler Excavator- Hitachi			1
50		Mitsubishi L200-2007	1	8	
51		JCB Back Hole-1993-1			1
52	August 17, 2014	JCB Back Hole-1993-1	1	4	
53		Mitsubishi L200-2007	1	8	
54	August 18, 2014	JCB Back Hole-1993-1			1
55		Mitsubishi L200-2007	1	8	
56	August 19, 2014	JCB Back Hole-1993-1	1	4	
57		Mitsubishi L200-2007	1	8	
58		Steel Compactor 80cm	1	4	
59		Level	1	4	
60		Total Station	1	4	
61	August 20, 2014	JCB Back Hole-1993-1			1
62		Mitsubishi L200-2007	1	8	
63		Level			1
64		Total Station			1
65	August 21, 2014	JCB Back Hole-1993-1	1	8	
66		Mitsubishi L200-2007	1	8	
67		Level			1
68		Total Station			1
69	August 22, 2014	Crawler Excavator- Hitachi			1
70		JCB Back Hole-1993			1
71	August 23, 2014	JCB Back Hole-1993-1	1	8	
72		Mitsubishi L200-2007	1	8	
73	August 24, 2014	JCB Back Hole-1993-1	1	4	
74		Mitsubishi L200-2007	1	8	
75	August 25, 2014	JCB Back Hole-1993-1	1	8	
76		Hand-Steel Roller	1	8	
77		Mitsubishi L200-2007	1	8	
78	August 26, 2014	JCB Back Hole-1993-1	1	5	
79		Steel Compactor 80cm	1	2	
80		Mitsubishi L200-2007	1	8	
81	August 27, 2014	JCB Back Hole-1993-1	1	8	
82		Steel Compactor 80cm	1	4	
83		Mitsubishi L200-2007	1	8	
84	August 28, 2014	JCB Back Hole-1993-1	1	6	
85		Steel Compactor 80cm	1	3	
86		Mitsubishi L200-2007	1	8	
87	August 29, 2014	Crawler Excavator- Hitachi			1
88		JCB Back Hole-1993			1
89	August 30, 2014	JCB Back Hole-1993-1	1	8	
90		Steel Compactor 80cm	1	3	
91		Mitsubishi L200-2007	1	8	
92	August 31, 2014	JCB Back Hole-1993-1			1
93		Steel Compactor 80cm	1	1	
94		Mitsubishi L200-2007	1	8	

SNW 22.5 Inspection Requests Log

Color	Response Index
	Amend-Resubmit
	Pending
	Make Correction Noted

Inspection Requests Log

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-002-C	August 4, 2014	August 5, 2014	Inspection of Alternative Storage Yard Located in Anza Village	August 5, 2014	No Exceptions Noted		
IR-13-00018-WER-005-A	August 13, 2014	August 14, 2014	Inspecting (Perforated Pipe 75mm PVC, Elbow 90-75mm PVC, 75mm coupling PVC, Cross 75mm PVC, End Cap PVC and Tee -9075 mm PVC)	August 14, 2014	No Exceptions Noted		
IR-13-00018-WER-006-A	August 13, 2014	August 14, 2014	Inspecting (PEA Gravel and Drain Rock)	August 14, 2014	No Exceptions Noted		
IR-13-00018-WER-007-A	August 13, 2014	August 14, 2014	Inspecting (Water Stop)	August 14, 2014	No Exceptions Noted		

Color	Response Index
	Amend-Resubmit
	Pending
	Make Correction Noted

Inspection Requests Log
IRD/BV

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

			1st Inspection			2nd Inspection	
No.	**Request Date**	**Date Inspection Required**	**Description of Works Inspected**	**Response Date**	**Grade**	**Response Date**	**Grade**
IR-13-00018-SNW-016-C	August 3, 2014	August 3, 2014	Inspecting the Reached Substrata Levels for the BT Base	August 3, 2014	Amend and Resubmit		
IR-13-00018-SNW-016-D	August 5, 2014	August 5, 2014	Inspecting the Reached Substrata Levels for the BT Base	August 5, 2014	No Exceptions Noted		
IR-13-00018-SNW-017-C	August 5, 2014	August 5, 2014	Inspection for Remaining Site Clearing (15cm), Grubbing and Stripping	August 6, 2014	No Exceptions Noted		
IR-13-00018-SNW-018-A	August 7, 2014	August 7, 2014	Inspecting Balance Tank Excavation as per CMC Response on RFI.#040	August 7, 2014	No Exceptions Noted		
IR-13-00018-SNW-019-A	August 10, 2014	August 10, 2014	Inspecting the Excavated Area for Balance Tank as per CMC Response on RFI.#040 prior to Spreading Base Course Layers	August 10, 2014	Amend and Resubmit		
IR-13-00018-SNW-019-B	August 13, 2014	August 14, 2014	Inspecting the Excavated Area for Balance Tank as per CMC Response on RFI.#040 prior to Spreading Base Course Layers	August 14, 2014	No Exceptions Noted		
IR-13-00018-SNW-019-C	August 31, 2014	September 1, 2014	Inspecting the Excavated Area for Balance Tank as per CMC Response on RFI. #040 prior to Spreading Base Course Layers.				
IR-13-00018-SNW-020-A	August 11, 2014	August 11, 2014	Inspecting the Fifteen cm Clearing, Grubbing and Stripping of Sanur Well Site as per the Attached Drawing	August 12, 2014	No Exceptions Noted		
IR-13-00018-SNW-021-A	August 19, 2014	August 19, 2014	Inspecting Remaining 32 cm Excavation for Balance Tank Foundation to Reach 190 cm Depth as per Drawing Number 3C-7	August 20, 2014	No Exceptions Noted		
IR-13-00018-SNW-022-A	August 27, 2014	August 28, 2014	Inspecting the Leveled and Compacted Fifth Layer of Selected Material to Reached Level 291.12 under Sump Pit Base	August 28, 2014	No Exceptions Noted		
IR-13-00018-SNW-023-A	August 31, 2014	September 1, 2014	Inspecting the Leveled and Compacted Seventh Layer of Selected Material to Reached Level 291.60 under Pump suction header area				
IR-13-00018-SNW-024-A	August 31, 2014	September 1, 2014	Inspecting the exposure of existing discharge 10-inch pipe and 6-inch washout pipe in the Balancing Tank area prior to concrete encasement.				

SNW 22.6 Submittals Log

SUBMITTAL REGISTER LOG/SCHEDULE

IRD International Relief & Development

Task Order: 00018-WER
Project 1-ARW Arraba Well Pump Station
Project 2-SNW Sanur Well Pump Station
Project 3-SSW Saaden Well Rehabilitation

Contract No. AID-294-TO-13-00018
NTP: 23-Oct-13
NOA: 25-Sep-13

Submittal Categories		Submittal Classification	Resubmittal Alpha Identifier	Submittal Disposition/ Color Coding	
PD	PRODUCT DATA	PCS			A – No Exceptions Noted
SD	SHOP DRAWINGS	CONS			B - Make Corrections Noted
AD	ADMINISTRATIVE/OTHER	PSTS			C- Amend and Resubmit
TR	TEST REPORT				D- Rejected- Resubmit
SCH	SCHEDULE				E- Review Not Required
RPT	REPORT				Submitted Pending Response
SMP	SAMPLE				
CO	COMPLETION & CLOSEOUT				
MAT	MATERIAL				

A	B	C	M	N	O	P	Q	R	S
Submittal Number	**Submittal Description**	**Specification Number**	**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-078-B	Chlorination Room Shop Drawing (Structure & Architectural)-Sanur	Drawing No.CSA (2-5), CSS(1,2)	August 28, 2014		September 27, 2014				
SUB-00018-ARW-079-B	Chlorination Room Shop Drawing (Structure & Architectural)-Arraba	Drawing No.CSA (2-5), CSS(1,2)	August 28, 2014		September 27, 2014				
SUB-00018-SNW-098-C	Electrical Metering Building Shop Drawing (Structural & Architectural)	Drawing No: EM2A(1-4) and EM2S(1,2) - Rev. Confirmed General Design	August 31, 2014		September 30, 2014				
SUB-00018-WER-276-B	Construction Joint Sealant-Thioflex 600	Section 03290-Part-3.3-H	August 26, 2014		September 25, 2014	August 28, 2014	2	A	
SUB-00018-ARW-285-B	Fence Wall and Main Gate Shop Drawing -Arraba Well Project	Section 02834-Part .1.2	August 5, 2014		September 4, 2014	August 28, 2014	23	C	
SUB-00018-SNW-301-B	Activity Report-Well Development by Jetting & Airlifting for Sanur Well (SNW)	Section 02624-Part-3.1-A	August 17, 2014		September 16, 2014	August 28, 2014	11	C	
SUB-00018-SNW-301-C	Activity Report-Well Development By Jetting & Airlifting for Sanur Well(SNW)	Section 02624-Part-3.1-A	August 28, 2014		September 27, 2014				
SUB-00018-WER-302-C	Steel Structure Fabricator & Designer CV (Superior Detailing & Design)	Section 01300-Part-1.8-B	August 4, 2014		September 3, 2014	August 6, 2014	2	B	
SUB-00018-SNW-315-B	Road Widening Shop Drawing-Sanur Well Project	Drawing No:3C-(12-17)-Rev. Wells Drawing-Sanur Confirmed	August 5, 2014		September 4, 2014	August 18, 2014	13	C	
SUB-00018-WER-342-B	Recovery Plan For Project Delay	Section 01311-Part 1.5-H	August 7, 2014		September 6, 2014	August 20, 2014	13	B	
SUB-00018-ARW-347-C	Method Statement for Retaining Wall Concrete Repair -Arraba Well Project	Section 03700 & 03300	August 10, 2014		September 9, 2014	August 20, 2014	10	B	
SUB-00018-SNW-358-B	Method Statement for Sanur Balance Tank Excavation	Section 02200-Part 3.8-B	August 26, 2014		September 25, 2014	August 31, 2014	5	B	
SUB-00018-SNW-366-B	Fence Wall and Main Gate Shop Drawing	Section 02834-Part.1.2	August 18, 2014		September 17, 2014	August 31, 2014	13	C	
SUB-00018-SNW-374-A	Electrical Conduits Shop drawing for Suction Header Area	Section 16110-Part 1.2 (B) & RFI-013-00018-WER-C-E-023	August 5, 2014		September 4, 2014	August 7, 2014	2	B	
SUB-00018-WER-375-A	Weep Holes Mesh Sample	Section 01300-Part 1.8	August 5, 2014		September 4, 2014	August 11, 2014	6	A	
SUB-00018-ARW-376-A	7 Days Test Report on Concrete Compressive Strength for R.W(Wall) -Section-B-from St.(102+000) to St.(126+800)	Section 03300-Part-1.4 C	August 6, 2014		September 5, 2014	August 7, 2014	1	C	
SUB-00018-ARW-376-B	7 Days Test Report on Concrete Compressive Strength for R.W (Wall) – Section –B- from St.(102+000) to St.(126+800)	Section 03300-Part-1.4 C	August 26, 2014		September 25, 2014	August 27, 2014	1	A	
SUB-00018-ARW-377-A	28 Days Test Report on Concrete Compressive Strength for R.W (Wall) Type E from St.(00+000) to St.(30+400)	Section 03300-Part-1.4 C	August 6, 2014		September 5, 2014	August 7, 2014	1	A	

SUBMITTAL REGISTER LOG/SCHEDULE

IRD International Relief & Development

Task Order: 00018-WER
Project 1-ARW Arrada Well Pump Station
Project 2-SNW Sanur Well Pump Station
Project 3-SSW Saden Well Rehabilitation

Contract No. AID-294-TO-13-00018

NTP: 23-Oct-13

NOA: 25-Sep-13

Submittal Categories		Submittal Classification	Resubmittal Alpha Identifier
PD	PRODUCT DATA	PCS	
SD	SHOP DRAWINGS	CONS	
AD	ADMINISTRATIVE/OTHER	PSTS	
TR	TEST REPORT		
SCH	SCHEDULE		
RPT	REPORT		
SMP	SAMPLE		
CO	COMPLETION & CLOSEOUT		
MAT	MATERIAL		

Submittal Disposition/ Color Coding	
	A – No Exceptions Noted
	B - Make Corrections Noted
	C- Amend and Resubmit
	D- Rejected- Resubmit
	E- Review Not Required
	Submitted Pending Response

A	B	C	M	N	O	P	Q	R	S
Submittal Number	**Submittal Description**	**Specification Number**	**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-ARW-378-A	7 Days Test Report on Concrete Compressive Strength for R.W(Wall) -Second Lift from St.(55+600) to St.(78+800)	Section 03300-Part-1.4 C	August 6, 2014		September 5, 2014	August 7, 2014	1	A	
SUB-00018-ARW-379-A	28 Days Test Report on Concrete Compressive Strength for Pump Suction Header & R.W (Wall)-from St.(30+400) to St.(36+400)	Section 03300-Part-1.4 C	August 6, 2014		September 5, 2014	August 11, 2014	5	D	
SUB-00018-ARW-379-B	28 Days Test Report on Concrete Compressive Strength for Pump Suction Header & R.W (Wall) –from St.(30+400) to St.(36+400)	Section 03300-Part-1.4 C	August 13, 2014		September 12, 2014	August 21, 2014	8	C	
SUB-00018-ARW-380-A	28 Days Test Report on Concrete Compressive Strength For R.W (Wall)-Type-B- First Lift from St.(55+600) to St.(78+800)	Section 03300-Part-1.4 C	August 7, 2014		September 6, 2014	August 11, 2014	4	D	
SUB-00018-ARW-380-B	28 Days Test Report on Concrete Compressive Strength For R.W (Wall) – Type-B- First Lift from St.(55+600) to St.(78+800)	Section 03300-Part-1.4 C	August 13, 2014		September 12, 2014	August 21, 2014	8	C	
SUB-00018-ARW-381-A	28 Days Test Report on Concrete Compressive Strength For R.W Footing-Type-C- from St.(126+800) to St.(140+200)	Section 03300-Part-1.4 C	August 7, 2014		September 6, 2014	August 11, 2014	4	D	
SUB-00018-ARW-382-A	Degree of Compaction Test Report –Well Balancing Tank Foundation at Gridlines B1&C3	Section 02200-Part-2.2	August 7, 2014		September 6, 2014	August 7, 2014	0	A	
SUB-00018-ARW-383-A	Degree of Compaction Test Report-Well Balancing Tank Foundation -Grades 2/C& 3/A	Section 02200-Part-2.2	August 7, 2014		September 6, 2014	August 10, 2014	3	C	
SUB-00018-ARW-383-B	Degree of Compaction Test Report-Balancing Tank's Foundation	Section 02200-Part-2.2	August 24, 2014		September 23, 2014	August 24, 2014	0	A	
SUB-00018-WER-384-A	QC Monthly Report July, 2014	Section 01300-Part-1.8-B	August 10, 2014		September 9, 2014	August 12, 2014	2	B	
~~SUB-00018-ARW-385-A~~	~~Electrical & Control Building Shop drawings(Structural & Architectural)~~	~~Drawing No: ECA(1-5), ECS(1,2)-Rev. Confirmed General Design~~							~~Submitted on August 10, 2014 and Retracted on August 21, 2014~~
SUB-00018-ARW-385-A	Electrical & Control Building Shop drawings(Structural & Architectural)	Drawing No: ECA(1-5), ECS(1,2)-Rev. Confirmed General Design	August 28, 2014		September 27, 2014				
SUB-00018-ARW-386-A	Concrete Mix Design Evaluation & Strength Investigation Report	Section 03300	August 10, 2014		September 9, 2014	August 21, 2014	11	B	
SUB-00018-WER-387-A	Monthly Safety Plan Update-July, 2014	Contractor`s Manual-Sec. 4.1/12	August 10, 2014		September 9, 2014	August 12, 2014	2	A	
SUB-00018-WER-388-A	Monthly Environmental Plan Update and Mitigation Plan Update July, 2014	Contractor`s Manual-Sec. 4.1/14	August 11, 2014		September 10, 2014	August 12, 2014	1	B	
SUB-00018-WER-389-A	Monthly Risk Management Plan Update July, 2014	Contractor`s Manual-Sec. 4.1/Construction Submittal #003	August 11, 2014		September 10, 2014	August 12, 2014	1	C	
SUB-00018-ARW-390-A	Degree of Compaction Test Report for Second Layer of Base Course Under Balancing Tank's Foundation	Section 02200-Part-2.2	August 11, 2014		September 10, 2014	August 14, 2014	3	A	
SUB-00018-ARW-391-A	28 Days Test Report on Concrete Compressive Strength for R.W (Wall) Second Step Type B from St.(55+600) to St.(78+800)	Section 03300-Part-1.4 C	August 11, 2014		September 10, 2014	August 12, 2014	1	A	

SUBMITTAL REGISTER LOG/SCHEDULE

IRD International Relief & Development

Task Order: 00018-WER
Project 1-ARW Arraba Well Pump Station
Project 2-SNW Sanur Well Pump Station
Project 3-SSW Saaden Well Rehabilitation

Contract No. AID-294-TO-13-00018
NTP: 23-Oct-13
NOA: 25-Sep-13

Submittal Categories		Submittal Classification	Resubmittal Alpha Identifier	Submittal Disposition/ Color Coding	
PD	PRODUCT DATA	PCS			A – No Exceptions Noted
SD	SHOP DRAWINGS	CONS			B - Make Corrections Noted
AD	ADMINISTRATIVE/OTHER	PSTS			C- Amend and Resubmit
TR	TEST REPORT				D- Rejected- Resubmit
SCH	SCHEDULE				E- Review Not Required
RPT	REPORT				Submitted Pending Response
SMP	SAMPLE				
CO	COMPLETION & CLOSEOUT				
MAT	MATERIAL				

A	B	C	M	N	O	P	Q	R	S
Submittal Number	**Submittal Description**	**Specification Number**	**Actual Submission Date**	**Submission Delay**	**Response Needed by (Max. 30 days)**	**Date Returned to IRD**	**Total Engineer Response Time**	**Submittal Disposition (Grade)**	**Remarks**
SUB-00018-WER-392-A	Precast Concrete Square Manholes And Vaults	Section 02490-Part 1.2(A)	August 12, 2014		September 11, 2014	August 31, 2014	19	C	
SUB-00018-WER-393-A	Underground Raceway Systems-Manhole Covers and Frames	Section 16111-Part 2.1(A)	August 12, 2014		September 11, 2014	August 18, 2014	6	C	
SUB-00018-WER-393-B	Underground Raceway Systems- Manhole Covers and Frames	Section 16111-Part 2.1(A)	August 26, 2014		September 25, 2014	August 28, 2014	2	C	
SUB-00018-SNW-394-A	Method of Statement for Steel Pipes Relocation	Section 01300-Part 1.8 B	August 14, 2014		September 13, 2014	August 14, 2014	0	B	
SUB-00018-WER-395-A	QA/QC Submittal Register Monthly Update July, 2014	Section 01300-Part 1.8 B Contractor's manual, 4.1-construction submittals (3)	August 14, 2014		September 13, 2014	August 19, 2014	5	B	
SUB-00018-ARW-396-A	Vertical Turbine Line Shaft Pump	Section 01300 & 11100	August 17, 2014		September 16, 2014				
SUB-00018-SNW-397-A	Vertical Turbine Line Shaft Pump	Section 01300 & 11100	August 17, 2014		September 16, 2014				
SUB-00018-SNW-398-A	Vertical Turbine Pump Booster	Section 01300 & 11103	August 17, 2014		September 16, 2014				
SUB-00018-ARW-399-A	Vertical Turbine Pump Booster	Section 01300 & 11103	August 17, 2014		September 16, 2014				
SUB-00018-ARW-400-A	Under Drain System Method Statement	Section 01300-Part 1.8-B	August 17, 2014		September 16, 2014	August 27, 2014	10	B	
SUB-00018-SNW-401-A	Under Drain System Method Statement	Section 01300-Part 1.8-B	August 17, 2014		September 16, 2014	August 27, 2014	10	B	
SUB-00018-SNW-402-A	Living Quarter Demolition Method Statement	Section 01300-Part 1.8-B	August 17, 2014		September 16, 2014	August 20, 2014	3	B	
SUB-00018-SNW-403-A	Method Statement for Sanur Fence Wall Construction	Section 01300-Part 1.8-B	August 17, 2014		September 16, 2014	August 31, 2014	14	C	
SUB-00018-WER-404-A	Steel Welder-Certification & Qualification-Complementary	Section 02570-Part-1.3-j	August 17, 2014		September 16, 2014	August 20, 2014	3	A	
SUB-00018-ARW-405-A	Test Report for Coarse Drain Rock Single Size Aggregate-Type "F"-Sourced from Arraba Site	Section 02200-Part 2.2	August 18, 2014		September 17, 2014	August 18, 2014	0	A	
SUB-00018-WER-406-A	Test Report for Coarse Aggregate-Pea Gravel Backfill (Type E)-Sourced from Jericho City	Section 02200-Part 2.2	August 18, 2014		September 17, 2014	August 18, 2014	0	A	
SUB-00018-ARW-407-A	7 Days Test Report on Concrete Compressive Strength for Balance Tank Pits Walls	Section 03300-Part-1.4 C	August 18, 2014		September 17, 2014	August 18, 2014	0	A	
SUB-00018-SNW-408-A	Method Statement for Chlorination Room Demolition	Section 01300-Part 1.8-B	August 21, 2014		September 20, 2014	August 25, 2014	4	B	
SUB-00018-ARW-409-A	Degree of Compaction Test Report for Subgrade Layer-Northern & Southern Sides Under Balancing Tank's Foundation	Section 02200-Part-2.2	August 24, 2014		September 23, 2014	August 24, 2014	0	A	

SUBMITTAL REGISTER LOG/SCHEDULE

IRD International Relief & Development

Task Order: 00018-WER
Project 1-ARW Arraba Well Pump Station
Project 2-SNW Sanur Well Pump Station
Project 3-SSW Saaden Well Rehabilitation

Contract No. AID-294-TO-13-00018
NTP: 23-Oct-13
NOA: 25-Sep-13

Submittal Categories		Submittal Classification	Resubmittal Alpha Identifier	Submittal Disposition/ Color Coding	
PD	PRODUCT DATA	PCS			A – No Exceptions Noted
SD	SHOP DRAWINGS	CONS			B - Make Corrections Noted
AD	ADMINISTRATIVE/OTHER	PSTS			C- Amend and Resubmit
TR	TEST REPORT				D- Rejected- Resubmit
SCH	SCHEDULE				E- Review Not Required
RPT	REPORT				Submitted Pending Response
SMP	SAMPLE				
CO	COMPLETION & CLOSEOUT				
MAT	MATERIAL				

A	B	C	M	N	O	P	Q	R	S
Submittal Number	**Submittal Description**	**Specification Number**	**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-ARW-410-A	Test Report for Granular Base Course Material-Khaled Crusher	Section 02200-Part 2.2	August 24, 2014		September 23, 2014	August 24, 2014	0	A	
SUB-00018-ARW-411-A	Degree of Compaction Test Report for Base Course Layer of Arraba Yard	Section 02200-Part-2.2	August 24, 2014		September 23, 2014	August 24, 2014	0	A	
SUB-00018-ARW-412-A	Degree of Compaction Test Report for Base Course Layer Under Balancing Tank's Foundation	Section 02200-Part-2.2	August 24, 2014		September 23, 2014	August 24, 2014	0	A	
SUB-00018-ARW-413-A	Test Report for Reinforcement Steel Bars (Ø 16 & Ø 22)	Section 03200-Part-1.3	August 24, 2014		September 23, 2014	August 24, 2014	0	A	
SUB-00018-SNW-414-A	Degree of Compaction Test Report for Subgrade of Balancing Tank's Area	Section 02200-Part-2.2	August 24, 2014		September 23, 2014	August 28, 2014	4	A	
SUB-00018-ARW-415-A	Hardened Concrete Cores Test Report For Retaining Wall Footing-Section C, from St.(126+800) to St.(140+200)	Section 03300-Part 1.4 C & D	August 26, 2014		September 25, 2014	August 27, 2014	1	A	
SUB-00018-ARW-416-A	28 Days Test Report on Concrete Compressive Strength for R.W (Wall) – Section –B-First lift from St.(102+000) to St.(126+800)	Section 03300-Part-1.4 C	August 27, 2014		September 26, 2014	August 27, 2014	0	A	
SUB-00018-ARW-417-A	7 Days Test Report on Concrete Compressive Strength for R.W (Wall) Section –B- Second Lift from St.(78+800) to St.(102+000)	Section 03300-Part-1.4 C	August 27, 2014		September 26, 2014	August 27, 2014	0	A	
SUB-00018-SNW-418-A	Comprehensive Test Report Fill and Backfill material.(Granular Base Course Material)	Section 02200-Part-2.1-C	August 27, 2014		September 26, 2014	August 27, 2014	0	A	
SUB-00018-ARW-419-A	Degree of Compaction Test Report for Reached Substrata of the Balance Tank	Section 02200-Part 2.2	August 27, 2014		September 26, 2014	August 28, 2014	1	A	
SUB-00018-SNW-420-A	Degree of Compaction Test Report for Base Course First Layer - Pump Suction Area	Section 02200-Part 2.2	August 27, 2014		September 26, 2014	August 27, 2014	0	A	
SUB-00018-ARW-421-A	Degree of Compaction Test Report for Base Course Layer - Under Balancing Tank Foundation	Section 02200-Part 2.2	August 27, 2014		September 26, 2014	August 28, 2014	1	C	
SUB-00018-ARW-422-A	34 Days Test Report on Concrete Compressive Strength For R.W (Wall) – Type-B- First Lift from St.(55+600) to St.(78+800)	Section 03300-Part-1.4 C	August 27, 2014		September 26, 2014	August 27, 2014	0	A	
SUB-00018-ARW-423-A	28 Days Test Report on Concrete Compressive Strength for Balance Tank Pits Walls	Section 03300-Part-1.4 C	August 27, 2014		September 26, 2014	August 28, 2014	1	A	
SUB-00018-SNW-424-A	Electrical & Control Building Shop drawings(Structural & Architectural)	Drawing No: ECA(1-5), ECS(1,2)	August 28, 2014		September 27, 2014				
SUB-00018-SNW-425-A	Method Statement for Sanur Existing Discharge pipe Re-Enforced Concrete Encasement	Section 03100 & 03200	August 31, 2014		September 30, 2014				
SUB-00018-ARW-426-A	45 Days Test Report on Concrete Compressive Strength for R.W (Wall) Section –B- first Lift from St.(55+600) to St.(78+800)	Section 03300-Part-1.4 C	August 31, 2014		September 30, 2014				

SNW 22.7 Requests for Information Log

International Relief & Development

Task Order: **Task Order: 00018-WER**
Projects: Project 1-ARW Arraba Well Pump Station Rehabilitation & Infrastructure Improvements
Project 2-SNW Sanur Well Pump Station Rehabilitation & Infrastructure Improvements

NTP: **October 23, 2013**
NOA: **September 25, 2013**

Request for Information Log

RFI No.	Subject of RFI	BOQ item no.	Specification no.	Drawing no.	Date Submitted to Engineer	Response Date from Engineer	No. of Days for Engineer Response	Status	Engineer Response	Potential Change Order
RFI-18-WER-C-E-041	Flow control valves sizing for Jaba' and Kufr Ra'i.		SEC. 15217-11,14	Sanur Drawing "0M-1"	August 12, 2014			Pending		
RFI-18-WER-C-E-042	Surge Analysis		SECTION 13206 - Surge Control Bladder Tank		August 21, 2014			Pending		

SNW 22.8 Variation Order Request and Variation Order Log

International Relief & Development

		NTP:	October 23, 2013
Task Order:	**Task Order: 00018-WER**	NOA:	September 25, 2013
Projects:	Project 1-ARW Arraba Well Pump Station Rehabilitation & Infrastructure Improvements		
	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 were no variation orders received for the project during the current reporting period																					

International Relief & Development

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

VOR Log

VOR no.	Date	Revision Date	Time Modification	Modification Cost ($)	Reference			Subject	Status	VO no.
					Shop Drawings/ Submittal/ Specifications	BOQ Item no.	RFI/ Other			
VOR-00018-WER-005-B	August 28, 2014		27 Days	145,907.04 $			SM.#002	1. The cost modification is presented in the attached, revised, price quotations breakdown excel sheets as per discussion with the CMC on August 10, 2014. 2. Extension of Time request has been revised from 35 cd to 27 cd: 6 cd for fishing activities and 21 cd for the delays in shutting dawn of SNW (16 cd) and for additional well brushing requested by the CMC (5 cd).		

SNW 22.9 Employment Generated Data

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	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						0	0			
Total of FY 2014							3641	152.967437	3251	389	
October	2014						0	0			
November	2014						0	0			
December	2014						0	0			
January	2015						0	0			
February	2015						0	0			
March	2015						0	0			
April	2015						0	0			
May	2015						0	0			
June	2015						0	0			
July	2015						0	0			
August	2015						0	0			
September	2015						0	0			
Total of FY 2015							0	0			

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	Site Staff Job Days **																					Man-days*				
	Worker/Classification (Hours)																									
	Management				Engineers				Skilled labor				Unskilled labor		Other											
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Manager #1, #2, etc ..	Document Control Engineer(F)	Civil Engineer (F)	Office Engineer	Site Engineer	Superintendent	Skilled Labor	Foreman	Equipment Operator	Flagman	Unskilled Labor	Guard / Security	Janitor (F)	Janitor	Surveyor	Surveyor Assistant	Welders	Geologist	Rig Supervisor	Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other
August 1, 2014															36								0	0	0	0	4.5
August 2, 2014	4	4	4	12	8	4	4	8	8					8	36	4	8						3	3	1	1	6
August 3, 2014	4	4	4	12	8	4	4	8	8					8	36	4	8						3	3	1	1	6
August 4, 2014	4	4	4	12	8	4	4	8	8						36	4	8						3	3	1	0	6
August 5, 2014	4	4	4	12	8	4	4	8	8					8	36	4	8						3	3	1	1	6
August 6, 2014	4	4	4	12	8	4	4	8	8					8	36	4	8						3	3	1	1	6
August 7, 2014	4	4	4	12	8	4	4	8	8					8	36	4	8						3	3	1	1	6
August 8, 2014															36								0	0	0	0	4.5
August 9, 2014	4	4	4	12	8	4	4	8	8		8	24		8	36	4	8						3	3	5	1	6
August 10, 2014	4	4	4	12	8	4	4	8	8						36	4	8						3	3	1	0	6
August 11, 2014	4	4	4	12	8	4	4	8	8						36	4	8						3	3	1	0	6
August 12, 2014	4	4	4	12	8	4	4	8	8			2			36	4	8	4	4				3	3	1.25	0	7
August 13, 2014	4	4	4	4	8	4	4	8	8		16			2	36	4	8						2	3	3	0.25	6
August 14, 2014	4	4	4	4	8	4	4	8	8		16			8	36	4	8	4	4				2	3	3	1	7
August 15, 2014															36								0	0	0	0	4.5
August 16, 2014	4	4	4	4	8	4	4	8	8		16			2	36	4	8						2	3	3	0.25	6
August 17, 2014	4	4	4	4	8	4	4	8	8		16	4		16	36	4	8						2	3	3.5	2	6
August 18, 2014	4	4	4	4	8	4	4	8	8		16			16	36	4	8						2	3	3	2	6
August 19, 2014	4	4	4	4	8	4	4	8	8		16	4		16	36	4	8	4	4				2	3	3.5	2	7
August 20, 2014	4	4	4	4	8	4	4	8	8		16			16	36	4	8	4	4				2	3	3	2	7
August 21, 2014	4	4	4	4	8	4	4	8	8		16	8		16	36	4	8						2	3	4	2	6
August 22, 2014															36								0	0	0	0	4.5
August 23, 2014	4	4	4	4	8	4	4	8	8		16	8		16	36	4	8						2	3	4	2	6
August 24, 2014	4	4	4	4	8	4	4	8	8		16	4		32	36	4	8						2	3	3.5	4	6
August 25, 2014	4	4	4	12	8	4	4	8	8		16	8		32	36	4	8						3	3	4	4	6
August 26, 2014	4	4	4	12	8	4	4	8	8		16	7		32	36	4	8						3	3	3.875	4	6
August 27, 2014	4	4	4	12	8	4	4	8	8		16	12		16	36	4	8						3	3	4.5	2	6
August 28, 2014	4	4	4	12	8	4	4	8	8		16	9		16	36	4	8						3	3	4.125	2	6
August 29, 2014															36								0	0	0	0	4.5
August 30, 2014	4	4	4	12	8	4	4	8	8	8	16	12		16	36	4	8						3	3	5.5	2	6
August 31, 2014	4	4	4	12	8	4	4	8	8		16	1		16	36	4	8						3	3	3.125	2	6
Total of Month	**104**	**104**	**104**	**232**	**208**	**104**	**104**	**208**	**208**	**8**	**264**	**103**	**0**	**316**	**1116**	**104**	**208**	**16**	**16**	**0**	**0**	**0**	**68**	**78**	**73**	**40**	**183**

SNW 22.10 Risk Register Log

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
1	Construction	Interruption or damage of underground utilities	The risk lies during excavation work and demobilization in hitting or damaging the underground utilities such as existing piping system and/or the buried electric cables	Delay in work, water shortage in the villages.	Contractor	11-Jul-14	2	2	4	Yes	Yes	Mitigate	During the excavation process, the contractor will take all safety measures to avoid hitting or damaging these utilities and will coordinate with local authorities to figure out the location of such utilities. The underground power cable was exposed then protected properly. Piping system -in all times- will be avoided during excavations and necessary repair will immediately be performed if any pipe is incidentally broken.	IRD	Existing	
2	Construction	Construction activities in energized environment	This is an existing pumping station where power supply and electric boards shall be maintained according to contract until the last phase of construction	Personnel injuries (electric shock).	Contractor	11-Jul-14	1	3	3	No	No	Mitigate	All power cables were isolated and protected. Tag-out lock-out procedure on electric boards is implemented.	IRD	Existing	
3	Construction	Falls and Equipment	These hazards include exposure to falls, falling loads, and mobile equipment.	Personnel injuries and delay in work.	Contractor	4-Aug-14	1	2	2	No	No	Mitigate	Keep materials or equipment that might fall or roll into an excavation at least 2 feet from the edge of excavations, or have retaining devices, or both. Provide warning systems such as mobile equipment, barricades. To avoid being struck by any spillage or falling materials, require employees to stand away from vehicles being loaded or unloaded.	IRD	Existing	

For more information, please visit
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