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## Infrastructure Needs Program II

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

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

### WELLS REHABILITATION PROJECT-WER

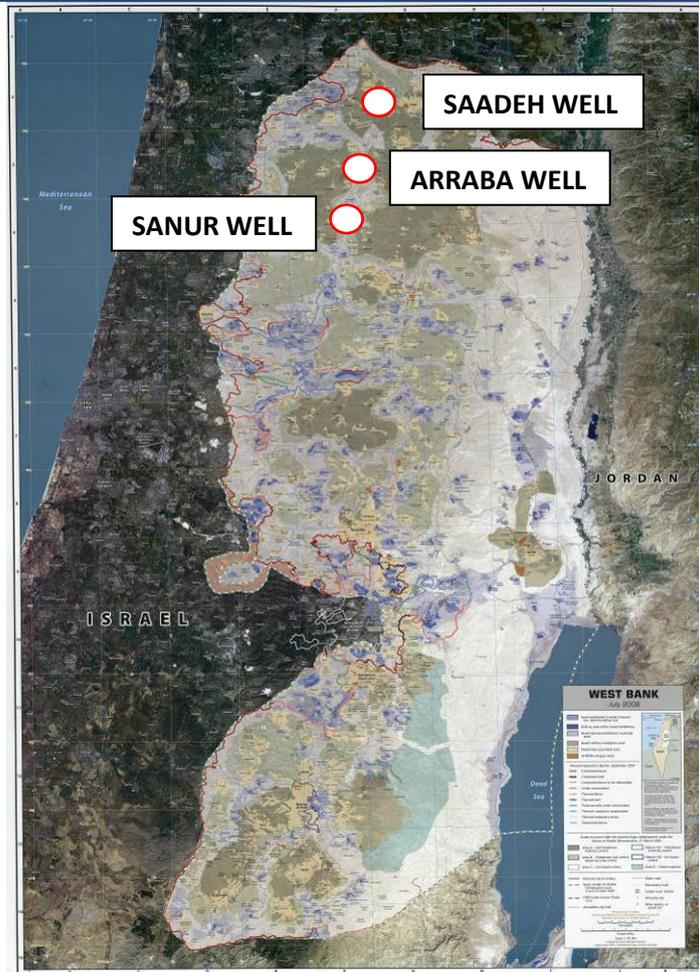
## CONSTRUCTION MONTHLY PROGRESS REPORT

Reporting Period: December 01- December 31, 2013

Project 1-Araba Well Pump Station-ARW

Project 2-Sanuar Well Pump Station-SNW

Project 3-Saadeh Well Rehabilitation-SDW



Submitted by: International Relief and Development, Inc. (IRD)



January 5, 2014



## **Infrastructure Needs Program**

**Task Order Contract No.: AID - 294 - TO - 13 - 00018  
WELLS REHABILITATION PROJECT-WER**

**Construction Monthly Progress Report  
Reporting Period: December 01- December 31, 2013**

**Project 1-Araba Well Pump Station-ARW  
Rehabilitation and Infrastructure Improvements**

**Prime Contractor:  
International Relief and Development, Inc. (IRD)**

**Subcontractor:  
Al-Abbasi General Contracting Co.**

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## 1. Project (TO) Dashboard Status

N/A (Need to be agreed with the CMC).

## 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;
- Approved Flyers are distributed to the Municipalities and public.
- Project temporary signs had been agreed with the CMC and installed.
- Local council was informed of the shutdown of ARW and was advised to communicate with WBWD for any issues regarding water shortage and compensation for the reduced quantities of water supplied during the shutdown.

## 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<sub>2</sub>).

### 3.1 Traffic Management:

IRD is finalizing traffic control plan with the Israeli Authorities (Maatz & DCL) for Arrabeh and Sanur wells since they are located in Area C, and with PA for Saadeh Well which is located in Area A. The temporary traffic signs were installed according to the proposed traffic management plan in addition to the continuity of the delivery of the moveable traffic signs, detour signs and steel barriers to Sanur storage yard.

### Safety Meeting:

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

### Accident Status:

During the current reporting period (0) accident occurred.

The accident statistics for the month of December, 2013 can be summarized as follows:

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

### Notice of Unsafe Condition:

No NUC's were issued during the reporting period.

**Safety Conclusion:**

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

**4. Security Coordination**

IRD security coordinator organized several meetings with Jenin DCL and Bet El regarding security coordination for the project, the following table provides a summary of the security coordination activities and meetings carried out during the current reporting period:

Date	Location	Purpose
December 2, 2013	Bet El	Meeting with transportation consultant discussing the traffic plan for Arraba and Sanour
December 5, 2013	Jenin DCL and Archeology Officer	Site visit to Arraba well together with Jenin DCL and Archeology officer
December 11, 2013	Archeology Office	Meeting with Archeology Commander and submitting the new plan for excavation at Arraba well
December 24, 2013	Bet El	Follow up Bet El regarding the traffic plan for Arraba and Sanour

**Table 4.1-ARW-Security Coordination Summary**

**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	5.64 %
Actual percentage complete	4.15 %
Elapsed Time	12.73%

**Table 6.1-ARW-Progress Summary Table**

- The percentages are based on Draft Baseline schedule which is still under review.

**Project Overall Status:** The Project mobilization is almost completed but remaining minor issues regarding internet service at secondary offices and adequate parking area for the primary office. IRD and the subcontractor are working to close these issues ASAP; checklist for mobilization payment is being finalized and will be ready to submit once internet and parking issues are closed.

Task Order Manager issue is solved by approving Eng. Khairy Dmidi as TOM, and approving Eng. Basem Abdel-hay as PM for Sanur project.

During the current reporting period, mobilization of the Rig to the well site and site preparation is accomplished. Safety and environmental measures are implemented

and construction activities in the site started on the 26<sup>th</sup> of December, 2013 after receiving the approval from CMC on the site preparation and project sign and the approval from WBWD on shutting down the well. However, the project is slightly behind schedule in terms of delivered construction submittals and shop drawings on one hand, and site and equipment preparations for old well pump removal on the other hand. The bad weather encountered in the period between Dec. 11 and Dec. 15, 2013 has its contribution to such a delay since no one managed to access sites during the addressed weather period.

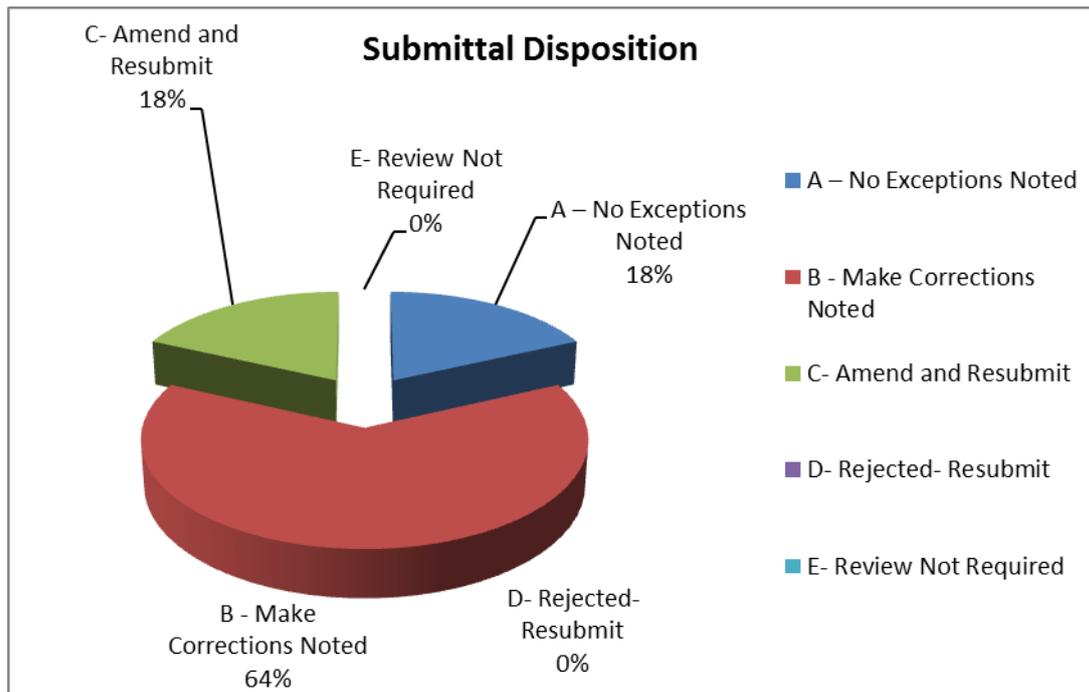
For further details regarding the project progress please see Attachment ARW 22.1-Updated Schedule Roll Up.

## 7. Submittal Status:

During the current reporting period a total of 14 submittals (including resubmittals) were submitted; review comments were received for 11 submittals out of the 14 submittals. The following table and graph provide a summary of the submittals disposition status.

Submittal Disposition	Total
A – No Exceptions Noted	2
B - Make Corrections Noted	7
C- Amend and Resubmit	2
D- Rejected- Resubmit	0
E- Review Not Required	0
<b>Total submittals delivered</b>	<b>14</b>
<b>Total submittals reviewed</b>	<b>11</b>
<b>Submittals delivered not reviewed</b>	<b>3</b>

Table 7.2-ARW-Submittal Deposition



For further details please see attachment ARW 19.5- 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:

- Task order manager approved and in place.
- Temporary sign installed.
- Site and equipment inspection approved to start construction activities.
- Well is shutdown in coordination with WBWD (West Bank Water Department).
- Pulling out of the pump and accessories started.
- Construction submittals and shop drawings preparation and submitting started.
- Remaining IT equipment delivered.

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

- Temporary fence installation.
- Continue removal of existing well pump.
- Well rehabilitation and well development.
- Apply safety measurements for excavation works.
- Excavation works and site grading.
- Continue preparation of construction submittals and shop drawings.
- Coordination with WBWD (West Bank Water Department)

## 9. Updated Schedule

The percentage, updates and curves are based on Draft Baseline schedule which is still under review. Please see Attachment ARW 22.1- Updated Schedule Roll Up.

## 10. Site Memos

No site memos were issued for this project 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 three inspection requests were submitted to the Engineer. For further details please see Attachment ARW 22.4- Inspection Request Log

## 12. Test Reports

No testing reports were conducted for this project during the current reporting period

## 13. Request for Information

During the current reporting period five Requests for Information (RFI) were submitted to the CMC, four of which were answered. For further information regarding the submitted RFIs please see Attachment ARW 22.7-Request for Information Log.

## 14. Summary of Payments and Accrued Expenditures

No payments were submitted during the current reporting period; however preparation of the mobilization payment is currently in progress.

## 15. Variation Orders and Variation Order Requests

No Variation Orders or Variation Order Requests were issued for this project during the current reporting period

## 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
Risk of pulling out and installation of the existing pump at Araba well.	As per the Contract documents the Contractor is required to pull out and reinstall the exiting pump after finishing well development and testing.	IRD	IRD provided risk mitigation measures and strict instructions were given to sub-contractor to take extreme care during pulling

Risk	Description	Responsible Party	Remedial Measures/Comments
	The existing pump is about 30 years old without records that it has been repaired and there is a risk that the pump could not be used again.		out of pipes.  The CMC may assist in checking the pump for its suitability to be reinstalled in the well.
Geophysical logging under the dynamic (pumping) conditions.	Due to the size of the existing casing, required diameter of the access pipes and the water level drawdown there is risk to run dynamic logs.	IRD	RFI-13-00018-WER-C-E-005) has been submitted to the CMC addressing the issue and the risk. No response received yet.
Construction activities in an 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	All power cables were isolated and protected. Tag-out lock-out procedure on electric boards is implemented.

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	23 Calendar Days
6.	Accumulated Working Days	56 Calendar Days
7.	Total No. of non-working days(Holidays and weekends)	4 Calendar Days
8.	Accumulated non-working days (Holidays and weekends)	10 Calendar Days
9.	No. of other non-working days during this month (Snow storm)	4 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
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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)	$(4,252,438)\text{m}^3/365 \text{ day}/(285,477 \text{ capita}) = 0.041 \text{ m}^3/\text{capita} / \text{day} = 41 \text{ L}/\text{Capita}/\text{Day}$
No. of Beneficiaries	$2,880/0.041 = 70,244 \text{ capita}$

**Table 19.1-ARW-Target Value for Project 1**

### 19.2 Indicator #2: Person days of Employment Generated

The following is the employment generated in Person days for Project 1 from December 01 to December 31, 2013:

- Estimated Target Value: to be determined with CMC;
- Employment generated previously: 58 person days;
- Employment generated this month: 143 person days;
- Total cumulative employment generated to-date: 201 person days.

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

### 20.1 Archaeological Issue:

Regarding the coordination with the archeology office concerning Arraba well, site drawings were submitted to the archeology department on November 24, 2013, and an agreement was reached with the officer to conduct a joint site visit which was done on the 5<sup>th</sup> of Dec. 2013. A location had been suggested to reposition excavation, and a modified excavation plan was submitted for review. IRD shall notify the archeology department one week in advance prior to launching excavation activities so that they can witness the initial phase of excavations.

### 21. Construction Photos



Photo date: 24 Dec.2013- Flyers distribution to the Municipalities & public.



Photo date: 24 Dec.2013- Project sign-board & warning signs installation.



Photo date: 25 Dec.2013- Mobilization of rotary Rig and Crawler Excavator to the well site



Photo date: 26 Dec.2013- Removal of existing equipment and fittings



Photo date: 28 Dec.2013-Implementing tag-out lock-out procedure



Photo date: 29 Dec.2013- Pulling out 8” riser pipes, oil pipes and shafts



## **Infrastructure Needs Program**

**Task Order Contract No.: AID - 294 - TO - 13 - 00018  
WELLS REHABILITATION PROJECT-WER**

**Construction Monthly Progress Report  
Reporting Period: December 01- December 31, 2013**

**Project 2-Sanur Well Pump Station-SNW  
Rehabilitation and Infrastructure Improvements**

**Prime Contractor:  
International Relief and Development, Inc. (IRD)**

**Subcontractor:  
Al-Abbasi General Contracting Co.**

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No testing reports were conducted for this project during the current reporting period.....	16
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## 1. Project (TO) Dashboard Status

N/A (Need to be agreed with the CMC).

## 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;
- Approved Flyers are distributed to the Municipalities and public.
- Project temporary signs had been agreed with the CMC and installed.
- Local council had been informed of the shutdown of ARW and had been advised to communicate with WBWD for any issues regarding water shortage and compensation for the reduced quantities of water supplied during the shutdown.

## 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<sub>2</sub>).

### 3.3. Traffic Management:

IRD is finalizing traffic control plan with the Israeli Authorities (Maatz & DCL) for Arrabeh and Sanur wells since they are located in Area C, and with PA for Saadeh Well which is located in Area A. The temporary traffic signs were installed according to the proposed traffic management plan in addition to the continuity of the delivery of the moveable traffic signs, detour signs and steel barriers to Sanur storage yard.

### Accident Status:

During the current reporting period (0) accident occurred.

The accident statistics for the month of December, 2013 can be summarized as follows:

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

### Notice of Unsafe Condition:

No NUC's were issued during the reporting period.

### Safety Conclusion:

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

#### 4. Security Coordination

IRD security coordinator organized several meetings with Jenin DCL and Bet El regarding security coordination for the project, the following table provides a summary of the security coordination activities and meetings carried out during the current reporting period:

Date	Location	Purpose
December 2, 2013	Bet El	Meeting with transportation consultant discussing the traffic plan for Arraba and Sanour
December 5, 2013	Jenin DCL and Archeology Officer	Site visit to Arraba well together with Jenin DCL and Archeology officer
December 11, 2013	Archeology Office	Meeting with Archeology Commander and submitting the new plan for excavation at Arraba well
December 24, 2013	Bet El	Follow up Bet El regarding the traffic plan for Arraba and Sanour

**Table 4.1-SNW-Security Coordination Summary**

#### 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	4.02 %
Actual percentage complete	3.18 %
Elapsed Time	12.73 %

**Table 6.1-SNW-Progress Summary Table**

- The percentages are based on Draft Baseline schedule which is still under review.

**Project Overall Status:** The Project mobilization is almost completed pending minor issues regarding internet service at secondary offices and adequate parking area for the primary office. IRD and the subcontractor are working to close these issues ASAP; the checklist for mobilization payment is being finalized and will be ready to submit once internet and parking issues are closed.

Task Order Manager issue is solved by approving Mr. Khairy Dmidi as TOM, and approving Mr. Basem Abdel-hay as PM on Sanur project.

During the current reporting period, no construction activities are launched yet. Temporary fencing and storage yard are submitted to CMC. The project is slightly behind schedule in terms of delivered construction submittals and shop drawings. Bad weather encountered in the period between Dec. 11 and Dec. 15, 2013 has its contribution to such a delay since no one managed to access offices during the addressed weather period.

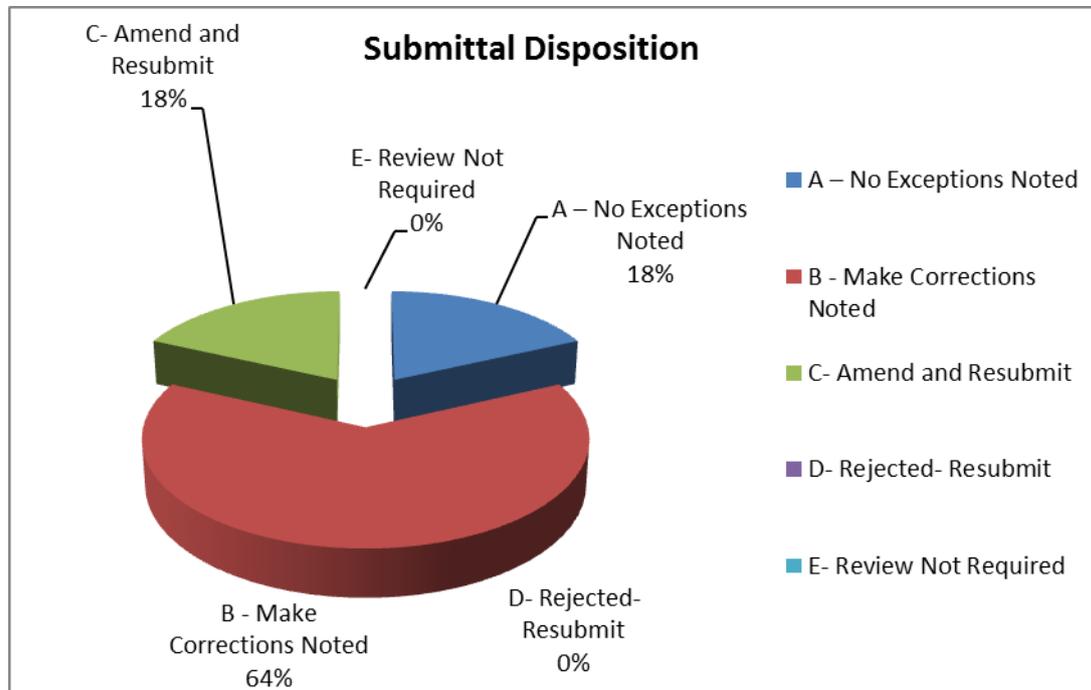
For further details regarding the project progress please see Attachment SNW 22.1-Updated Schedule Roll Up.

**7. Submittal Status**

During the current reporting period a total of 14 submittals (including resubmittals) were submitted; review comments were received for 11 submittals out of the 14 submittals. The following table and graph provide a summary of the submittals disposition status.

Submittal Disposition	Total
A – No Exceptions Noted	2
B - Make Corrections Noted	7
C- Amend and Resubmit	2
D- Rejected- Resubmit	0
E- Review Not Required	0
<b>Total submittals delivered</b>	<b>14</b>
<b>Total submittals reviewed</b>	<b>11</b>
<b>Submittals delivered not reviewed</b>	<b>3</b>

Table 7.2-SNW-Submittal Deposition



For further details please see attachment SNW 22.5- 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:**

- Temporary sign installed.
- Construction submittals and shop drawings preparation and submitting started.
- Fencing material is delivered to the site.

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

- Temporary fence installation.
- Apply safety measurements for excavation works.
- Excavation works and site grading.
- Erosion & Sediment Control Systems
- Lab Test Report for Soil Bearing Capacity
- Continue preparation and submitting of construction submittals and shop drawings.
- Coordination with WBWD (West Bank Water Department)

## **9. Updated Schedule**

The percentage, updates and curves are based on Draft Baseline schedule which is still under review. Please see Attachment SNW 22.1- Updated Schedule Roll Up.

## **10. Site Memos**

No site memos were issued 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 two inspection requests were submitted to the Engineer. For further details please see Attachment SNW 22.4- Inspection Request Log.

## **12. Test Reports**

No testing reports were conducted for this project during the current reporting period.

## **13. Request for Information**

During the current reporting period five Requests for Information (RFI) were submitted to the CMC, four of which were answered. For further information regarding the submitted RFIs please see Attachment ARW 22.7-Request for Information Log.

#### 14. Summary of Payments and Accrued Expenditures

No payments were submitted during the current reporting period; however preparation of the mobilization payment is currently in progress.

#### 15. Variation Orders and Variation Order Requests

No Variation Orders or Variation Order Requests were issued for this project during the current reporting period

#### 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
Geophysical logging under the dynamic (pumping) conditions.	Due to the size of the existing casing, required diameter of the access pipes and the water level drawdown there is risk to run dynamic logs.	IRD	RFI-13-00018-WER-C-E-005) has been submitted to the CMC addressing the issue and the risk. No response received yet.

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	23 Calendar Days
6.	Accumulated Working Days	56 Calendar Days
7.	Total No. of non-working days (Holidays and weekends)	4 Calendar Days
8.	Accumulated non-working days (Holidays and weekends)	10 Calendar Days
9.	No. of other non-working days during this month	4 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)	$(4,252,438)m^3/365 \text{ day} / (285,477 \text{ capita}) = 0.041 m^3/\text{capita} / \text{day} = 41 \text{ L/Capita/Day}$
No. of Beneficiaries	$3,600/0.041 = 87,805 \text{ capita}$

Table 19.1-SNW-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 2 from December 01 to December 31, 2013:

- Estimated Target Value: to be determined with CMC;
- Employment generated previously: 50 person days;
- Employment generated this month: 94 person days;
- Total cumulative employment generated to-date: 144 person days.

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

No problems or issues were encountered for this project during the current reporting period.

## 21. Construction Photos





**Photo date: 24-Dec.2013-** Installing the project sign-board.

**Photo date: 24-Dec.2013-** Supplying Chain Fence and Fence Supports.



## **Infrastructure Needs Program**

**Task Order Contract No.: AID - 294 - TO - 13 - 00018  
WELLS REHABILITATION PROJECT-WER**

**Construction Monthly Progress Report  
Reporting Period: December 01- December 31, 2013**

**Project 3-Saadeh Well Rehabilitation-SDW**

**Prime Contractor:  
International Relief and Development, Inc. (IRD)**

**Subcontractor:  
Al-Abbasi General Contracting Co.**

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**1. Project (TO) Dashboard Status**

N/A (Need to be agreed with the CMC).

**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;
- Approved Flyers are distributed to the Municipalities and public.
- Project temporary signs had been approved with the CMC and installed.

**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<sub>2</sub>).

**3.3. Traffic Management:**

IRD is finalizing traffic control plan with the Israeli Authorities (Maatz & DCL) for Arrabeh and Sanur wells since they are located in Area C, and with PA for Saadeh Well which is located in Area A. The temporary traffic signs were installed according to the proposed traffic management plan in addition to the continuity of the delivery of the moveable traffic signs, detour signs and steel barriers to Sanur storage yard.

**Safety Meeting:**

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

**Accident Status:**

During the current reporting period (0) accident occurred.

The accident statistics for the month of December, 2013 can be summarized as follows:

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

**Notice of Unsafe Condition:**

No NUC`s were issued during the reporting period.

**Safety Conclusion:**

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

**4. Security Coordination**

N/A

## 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	54.48 %
Actual percentage complete	27.50 %
Elapsed Time	58.33 %

**Table 6.1-SDW-Progress Summary Table**

- The percentages are based on Draft Baseline schedule which is still under review.

Project Overall Status:

The Project mobilization is almost completed pending approval on adequate parking area for the primary office. The check list for mobilization payment is being finalized in line with Arraba and Sanur Check lists. Task Order Manager issue is solved.

During the current reporting period, mobilization of the Rig and other equipment and fishing tools to the well site and site preparation is accomplished. Safety and environmental measures are implemented, and construction activities in the site started on the 22<sup>nd</sup> of December, 2013 after receiving the approval from CMC on the site preparation and project sign.

Preparation for 1<sup>st</sup> fishing trial was started on December 22, 2013. Fishing process is ongoing with the hope that it will not take much time to succeed.

The project is slightly behind schedule compared to planned activities in the draft CMP. Site and equipment preparation and implementation of safety and environmental measures took longer than was anticipated. In this regard, and to assess making up the delay, a night work plan is being worked on to be submitted to CMC for approval. While waiting purchase of the original fishing tools to arrive from Jordan (specially designed in US for this fishing) IRD is developing new fishing tools onsite based on the results of previous fishing attempts.

Bad weather encountered in the period between Dec. 11 and Dec. 15, 2013 has its contribution to such a delay since no one managed to access sites and offices during the addressed weather period.

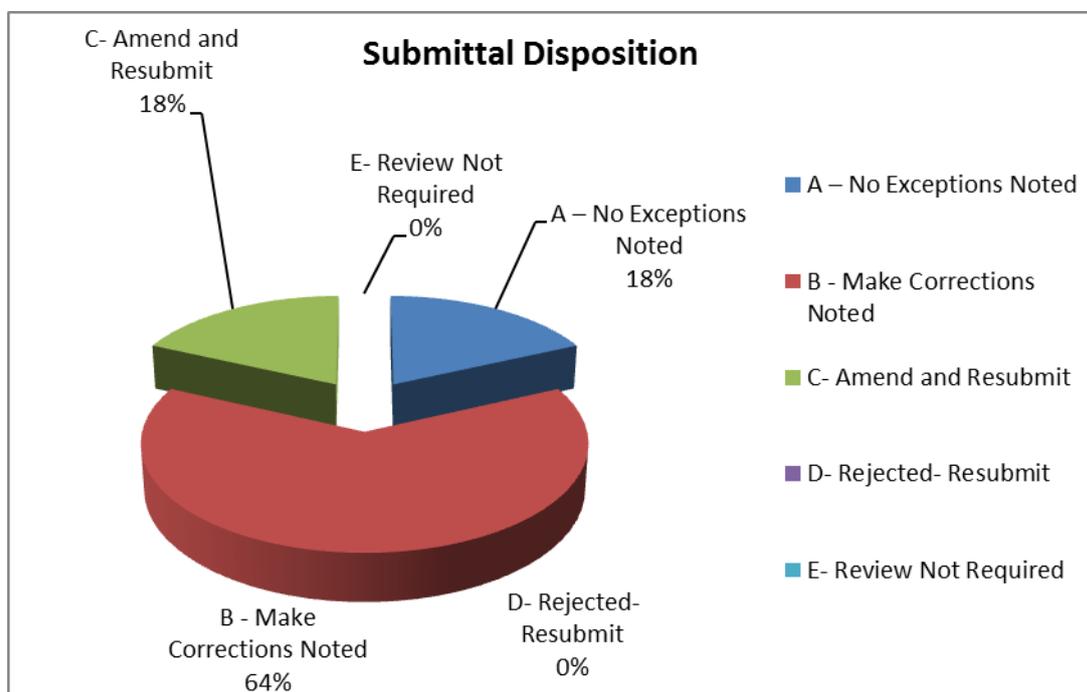
For further details regarding the project progress please see Attachment SDW 22.1-Updated Schedule Roll Up.

## 7. Submittal Status:

During the current reporting period a total of 14 submittals (including resubmittals) were submitted; review comments were received for 11 submittals out of the 14 submittals. The following table and graph provide a summary of the submittals disposition status.

Submittal Disposition	Total
A – No Exceptions Noted	2
B - Make Corrections Noted	7
C- Amend and Resubmit	2
D- Rejected- Resubmit	0
E- Review Not Required	0
<b>Total submittals delivered</b>	<b>14</b>
<b>Total submittals reviewed</b>	<b>11</b>
<b>Submittals delivered not reviewed</b>	<b>3</b>

Table 7.2-SDW-Submittal Deposition



For further details please see attachment SDW 22.5- 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:

- Site preparation and equipment mobilization.
- Temporary sign installed.
- Static water level measured (185.98 m b.g.l).
- Start extraction of lost equipment for the well.

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

- Acidification.
- Well development (surging & air lifting).

- Well yield testing, logging and water well sampling.
- Coordination with WBWD (West Bank Water Department)

## 9. Updated Schedule

The percentage, updates and curves are based on Draft Baseline schedule which is still under review. Please see Attachment SDW 22.1- Updated Schedule Roll Up.

## 10. Site Memos

No site memos were issued for this project during the current reporting period. For further details please see Attachment SDW 22.3- Site Memo Log.

## 11. Inspection Requests

During the current reporting period three inspection requests were submitted to the Engineer. For further details please see Attachment SDW 22.4- Inspection Request Log.

## 12. Test Reports

No testing reports were conducted for this project during the current reporting period.

## 13. Request for Information

During the current reporting period five Requests for Information (RFI) were submitted to the CMC, four of which were answered. For further information regarding the submitted RFIs please see Attachment ARW 22.7-Request for Information Log.

## 14. Summary of Payments and Accrued Expenditures

No payments were submitted during the current reporting period; however preparation of the mobilization payment is currently in progress.

## 15. Variation Orders and Variation Order Requests

No Variation Orders or Variation Order Requests were issued for this project during the current reporting period

## 16. Operation, Maintenance and Training

This section is not applicable for the current reporting period

## 17. Risk Management & Mitigation Measures

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

Risk	Description	Responsible Party	Remedial Measures/Comments
Extraction-fishing of the lost equipment.	As per the Contract document the Contractor is requested to extract all lost	IRD	IRD to determine when to stop fishing and proceed with the cementing in case

Risk	Description	Responsible Party	Remedial Measures/Comments
	equipment from the bottom of the well.  This operation (fishing) could take more time than allowed as per the contract.		fishing of the all lost equipment is not successful.
Geophysical logging under the dynamic (pumping) conditions.	Due to the size of the existing casing, required diameter of the access pipes and the water level drawdown there is risk to run dynamic logs.	IRD	RFI-13-00018-WER-C-E-005) has been submitted to the CMC addressing the issue and the risk. No response received yet.

For more details please refer to Attachment No. SDW 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)	120 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	23 Calendar Days
6.	Accumulated Working Days	56 Calendar Days
7.	Total No. of non-working days (Holidays and weekends)	4 Calendar Days
8.	Accumulated non-working days (Holidays and weekends)	10 Calendar Days
9.	No. of other non-working days during this month	4 Calendar Days
10.	Accumulated other non-working days	4 Calendar Days

**Table 18.1-SDW-Summary of Working/ Non-Working Days**

### 19. Project Indicators

**19.1 Indicator #1:** Zero beneficiaries

**19.2 Indicator #2: Person days of Employment Generated**

The following is the employment generated in Person days for Project 3 from December 01 to December 31, 2013:

- Estimated Target Value: to be determined with CMC;
- Employment generated previously: 55 person days;
- Employment generated this month: 250 person days;
- Total cumulative employment generated to-date: 305 person days.

### 20. General Comments, Arisen Issues, Risk and Problems Encountered

No problems encountered in the project in this reporting period.

### 21. Construction Photos



Photo date: 7 Dec. 2013- Rig preparation



Photo date: 17 Dec. 2013- Rig in place



Photo date: 19 Dec. 2013- Site preparation-mast raised



Photo date: 21 Dec. 2013- Project sign installation



Photo date: 22 Dec. 2013- Static Water Level Measurement



Photo date: 22 Dec. 2013- lowering the junk basket inside the well



Photo date: 23 Dec. 2013- Lowering drilling pipes



Photo date: 25 Dec. 2013- Laying 6-Inch Disposal Steel Pipes.



Photo date: 26 Dec. 2013- Safety Tool Box Meeting.



# USAID | West Bank / Gaza

FROM THE AMERICAN PEOPLE

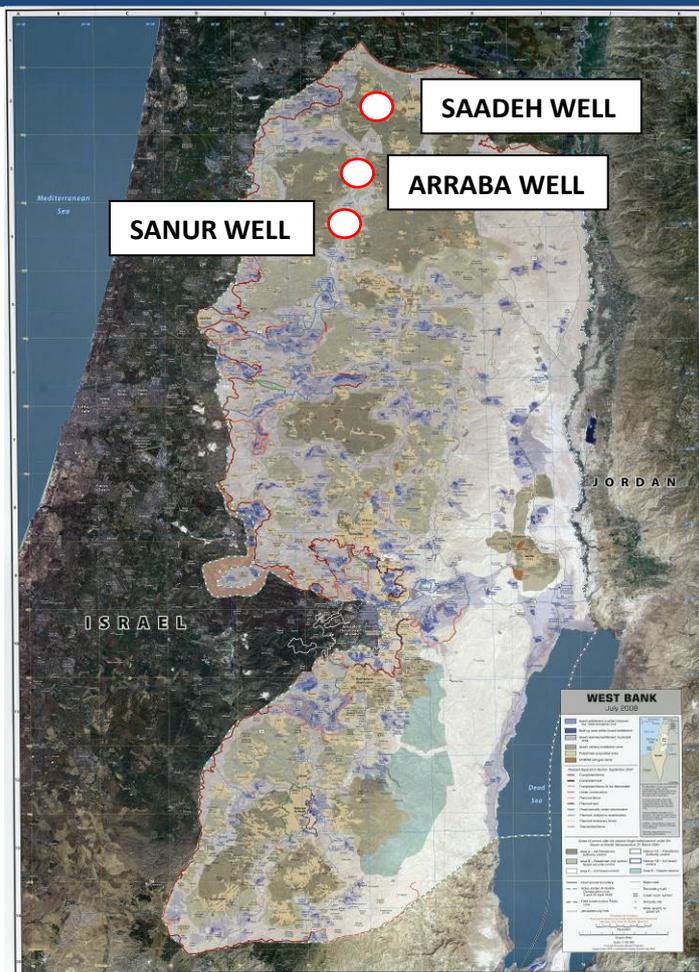
## Infrastructure Needs Program II (INP II)

IQC Basic Contract No.: AID-294-I-00-12-00003  
Task Order Contract No.: AID - 294 - TO - 13 - 00018  
**WELLS REHABILITATION PROJECT-WER**

## CONSTRUCTION MONTHLY PROGRESS REPORT

Reporting Period: December 01- December 31, 2013

Project 1-Araba Well Pump Station-ARW  
Project 2-Sanuar Well Pump Station-SNW  
Project 3-Saadeh Well Rehabilitation-SDW



Submitted by: International Relief and Development, Inc. (IRD)





## **Infrastructure Needs Program**

**Task Order Contract No.: AID - 294 - TO - 13 - 00018  
WELLS REHABILITATION PROJECT-WER**

**Construction Monthly Progress Report  
Reporting Period: December 01- December 31, 2013**

**Project 1-Araba Well Pump Station-ARW  
Rehabilitation and Infrastructure Improvements**

**Prime Contractor:  
International Relief and Development, Inc. (IRD)**

**Subcontractor:  
Al-Abbasi General Contrcting Co.**



## **1. Attachments**

### **1. Attachments**

- ARW 22.1 Updated Schedule- Roll-up**
- 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**

# RFTOP WATER-294-13-00018 WELL REHABILITATION IMPROVEMENTS

23-Oct-13

Activity ID	Activity Name	Original Duration	Budgeted Total Cost	Early Start	Early Finish	Total Float	Qtr 4, 2013		Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014		Qtr 1, 2015			Qtr 2, 2015		Qtr 3, 2015	
							N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	M	Jun
<b>Total</b>		393	\$14,021,856.90	23-Oct-13	25-Apr-15	0																				
<b>RFTOP WATER-294-13-00018 WELL REHABILITATION &amp; IMPROVEMENTS</b>																										
<b>Milestones</b>																										
General Milestones																										
Intermediate Milestones																										
<b>Mobilization</b>																										
<b>Submittals</b>																										
Pre Construction Submittals																										
Construction Submittals																										
Post Construction Submittals																										
<b>Procurement</b>																										
Mechanical, Electrical Equipments&Instrumentation,...etc																										
Donation Number Process																										
Material Order & Manufacture																										
Mechanical Equipment																										
Electrical Equipment																										
Material Shipment																										
Mechanical Equipment																										
Electrical Equipment																										
Ashdod Port/Bridge Clearance																										
Mechanical Equipment																										
Electrical Equipment																										
Transport to Site (Ashdod Port to Site)																										
Mechanical Equipment																										
Electrical Equipment																										
<b>Steel Pipes,Fittings&amp;Valves</b>																										
<b>Execution Phase</b>																										
Project 1 Arraba Well Pump Station Rehabilitation & Infrastructure Improvements																										
Mobilization for P1																										
P1 - Arraba Well Pump Station Rehabilitation																										
RIG Mob.&Site Preparation, Preparing and Drainage to Natural Valey																										
Removal of Existing Well Pump																										
Well Development,Logging and Water Sampling																										
Well Yield Testing per Specification																										
Removal of Test Pump																										
Re Install Vertical Pump																										
Restoration & RIG.Demobilization																										
P1 - Arraba Well Pump Station Infrastructure Improvement																										
Demolishing,Site Development,Apply Safety Measurments&Site Preparation																										
Construction of New Pump Station																										
Retaining Walls																										
Retaining Wall (ST1 to ST2)																										
Civil & Structural Works																										
Retaining Wall (ST2 to ST3)																										
Civil & Structural Works																										
Retaining Wall (ST3 to ST4)																										
Civil & Structural Works																										
Boundary Wall (ST4 to ST5)																										
Civil & Structural Works																										
Retaining Wall (ST6 to ST8)																										

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

## Roll Up Schedule

Date	Revision	Checked	Approved
01-Dec-13	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.-lv...	Naim Mani-Prog Direc...

Activity ID	Activity Name	Original Duration	Budgeted Total Cost	Early Start	Early Finish	Total Float	Qtr 4, 2013	Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014			Qtr 1, 2015			Qtr 2, 2015			Qtr 3, 2015		
							N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug
	Civil & Structural Works	56	\$126,199.59	26-Jan-14	03-Apr-14	14																						
	Retaining Wall (ST8 to ST9)	55	\$126,066.99	30-Jan-14	06-Apr-14	14																						
	Civil & Structural Works	55	\$126,066.99	30-Jan-14	06-Apr-14	14																						
	Balance Tank 1000 m3	314	\$685,233.81	27-Jan-14	28-Feb-15	0																						
	Civil & Structural Works	249	\$361,739.17	27-Jan-14	06-Dec-14	12																						
	Finishing Works	80	\$73,845.47	27-Sep-14	05-Jan-15	19																						
	Metal Fabricated Works	5	\$30,193.46	29-Dec-14	05-Jan-15	19																						
	Mechanical Works	82	\$132,600.36	01-Oct-14	14-Jan-15	19																						
	Electrical & Instrumentation Works	222	\$117,048.81	16-Apr-14	25-Jan-15	12																						
	Test Water Tightness For Reservoir	14	\$0.00	10-Feb-15	28-Feb-15	0																						
	Booster Pump System	191	\$1,211,407.14	23-Jun-14	28-Feb-15	0																						
	Civil & Structural Works	31	\$12,139.26	23-Jun-14	10-Aug-14	75																						
	Steel Structure & Metal Works	40	\$41,928.96	09-Oct-14	24-Nov-14	54																						
	Mechanical Works	142	\$1,043,047.45	31-Aug-14	28-Feb-15	0																						
	Electrical & Instrumentation Works	173	\$78,006.77	10-Jul-14	22-Feb-15	5																						
	Coatings & Finishing Works	14	\$36,284.70	10-Aug-14	26-Aug-14	136																						
	Septic & Seepage Tank	223	\$9,091.77	07-Apr-14	14-Jan-15	33																						
	Civil & Structural Works	223	\$5,918.58	07-Apr-14	14-Jan-15	33																						
	Plumbing Works	66	\$2,069.47	13-Apr-14	30-Jun-14	175																						
	Finishing Works	7	\$1,103.72	17-Jun-14	24-Jun-14	165																						
	Electrical & Control Building	279	\$877,533.44	11-Mar-14	28-Feb-15	0																						
	Civil & Structural Works	82	\$55,634.91	11-Mar-14	15-Jun-14	150																						
	Finishing Works	152	\$45,704.94	16-Jun-14	28-Dec-14	20																						
	Mechanical Works	167	\$0.00	16-Jun-14	19-Jan-15	20																						
	Electrical & Instrumentation Works	265	\$727,905.97	27-Mar-14	28-Feb-15	0																						
	HVAC-Plumping	10	\$48,287.62	07-Feb-15	19-Feb-15	7																						
	Chlorination & Storage Building	199	\$332,428.41	29-May-14	11-Feb-15	13																						
	Civil & Structural Works	67	\$45,326.33	29-May-14	27-Aug-14	114																						
	Finishing Works	21	\$35,712.14	27-Aug-14	21-Sep-14	114																						
	Mechanical Works	67	\$79,810.22	13-Sep-14	06-Dec-14	59																						
	Electrical & Instrumentation Works	192	\$119,153.17	07-Jun-14	11-Feb-15	13																						
	HVAC-Plumping	5	\$52,426.55	06-Dec-14	11-Dec-14	59																						
	Living Quarters Building	140	\$68,097.53	10-Aug-14	02-Feb-15	20																						
	Civil & Structural Works	67	\$14,502.38	10-Aug-14	02-Nov-14	28																						
	Finishing Works	26	\$28,209.64	02-Nov-14	02-Dec-14	60																						
	Mechanical Works	87	\$0.00	19-Aug-14	04-Dec-14	60																						
	Electrical & Instrumentation Works	128	\$10,347.35	24-Aug-14	02-Feb-15	20																						
	HVAC-Plumping	40	\$15,038.16	19-Nov-14	06-Jan-15	38																						
	Electrical Metering Building	98	\$221,348.07	15-Oct-14	16-Feb-15	10																						
	Civil & Structural Works	75	\$28,422.19	15-Oct-14	14-Jan-15	12																						
	Finishing Works	16	\$30,080.59	14-Jan-15	07-Feb-15	12																						
	Electrical & Instrumentation Works	89	\$148,861.98	20-Oct-14	09-Feb-15	10																						
	HVAC-Plumping	5	\$13,983.31	09-Feb-15	16-Feb-15	10																						
	Pads & Slabs	128	\$93,228.20	20-Jul-14	29-Dec-14	44																						
	Civil & Structural Works	43	\$3,770.42	20-Jul-14	15-Sep-14	114																						
	Electrical & Instrumentation Works	105	\$56,910.42	14-Aug-14	21-Dec-14	51																						
	Mechanical Works	21	\$32,547.36	04-Dec-14	29-Dec-14	44																						
	Well Systems	199	\$981,993.63	29-May-14	10-Feb-15	0																						
	Wellhead and Pad (Structural)	47	\$29,208.39	29-May-14	04-Aug-14	131																						
	Mechanical	31	\$870,032.67	04-Dec-14	13-Jan-15	0																						
	Electrical & Instrumentation Works	20	\$82,752.57	13-Jan-15	10-Feb-15	0																						
	Yard Works & Site Electrical Power	113	\$315,279.45	28-Sep-14	22-Feb-15	5																						
	External & Finishing Works	95	\$122,034.16	28-Sep-14	28-Jan-15	23																						
	Mechanical Works	24	\$92,171.53	12-Oct-14	09-Nov-14	54																						
	Electrical & Instrumentation Works	113	\$101,073.76	28-Sep-14	22-Feb-15	5																						
	Flow Control Valve for Mirka Existing Balance Tank & Arraba Existing RSV	20	\$35,043.02	12-Oct-14	04-Nov-14	71																						
	General Requirements & Demobilization Summary for P1	32	\$366,644.40	17-Mar-15	23-Apr-15	0																						
	Project 2 Sanur Well Pump Stations Rehabilitation & Infrastructure Improvements	391	\$7,011,251.35	24-Oct-13	23-Apr-15	0																						
	Mobilization for P2	24	\$267,095.28	24-Oct-13	20-Nov-13	0																						
	P2 - Sanur Well Pump Station Rehabilitation	39	\$401,431.32	10-Feb-14	21-Mar-14	0																						

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

### Roll Up Schedule

Date	Revision	Checked	Approved
01-Dec-13	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.-lv...	Naim Mani-Prog Direc...



Activity ID	Activity Name	Original Duration	Budgeted Total Cost	Early Start	Early Finish	Total Float	Qtr 4, 2013		Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014			Qtr 1, 2015			Qtr 2, 2015			Qtr 3, 2015	
							N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug
	<b>Electrical &amp; Instrumentation Works</b>	74	\$93,569.55	06-Sep-14	07-Dec-14	63																						
	Flow Control Valve for Jaba Existing Balance Tank&Kafr Rai Existing PS Balance Tank	20	\$25,109.56	14-Sep-14	13-Oct-14	90																						
	General Requirements & Demobilization Summary for P2	32	\$371,351.84	17-Mar-15	23-Apr-15	0																						
	<b>Project 3 Saadeh Well Pump Station Rehabilitation</b>	84	\$493,634.98	24-Oct-13	18-Feb-14	0																						
	<b>P3 - Saadeh Well Pump Station Rehabilitation</b>	84	\$493,634.98	24-Oct-13	18-Feb-14	0																						
	Mobilization for P2	24	\$18,805.14	24-Oct-13	20-Nov-13	0																						
	RIG. Mob.&Site Preparation, Preparing Treatment Pit and Drainage to Natural Valley	3	\$0.00	05-Dec-13	07-Dec-13	0																						
	Video Logging (Equipment Location)	2	\$0.00	08-Dec-13	09-Dec-13	0																						
	Equipment Removal (Fishing)	12	\$216,982.41	10-Dec-13	27-Dec-13	0																						
	Acidization	10	\$66,300.18	28-Dec-13	07-Jan-14	0																						
	Well Development (Surging&Airlifting)	10	\$66,300.18	09-Jan-14	19-Jan-14	0																						
	Well Yield Testing,Logging & Water Well Sampling	10	\$120,545.78	20-Jan-14	31-Jan-14	0																						
	Restoration & Rig Demobilization	2	\$0.00	08-Feb-14	09-Feb-14	0																						
	Demobilization,Close Out&Handing Over for P3	7	\$4,701.29	10-Feb-14	18-Feb-14	0																						
	<b>Design Review After Well Development Results</b>	120	\$0.00	22-Mar-14	19-Jul-14	0																						
	<b>(O&amp;M),Inspection,Commissioning,Start Up &amp; Training</b>	280	\$0.00	15-Apr-14	04-Apr-15	0																						
	Initial Operation & Manufacturer Technical Manual Submittals (O&M)	164	\$0.00	15-Apr-14	11-Nov-14	16																						
	Approval - Final Operation & Manufacturer Technical Manual Submittals (O&M)	152	\$0.00	29-May-14	11-Dec-14	59																						
	Certificate of Proper Installation for Installed Equipments&Installation (Pre Commissioning)	15	\$0.00	28-Feb-15	17-Mar-15	0																						
	Training Phase	15	\$0.00	17-Mar-15	04-Apr-15	0																						
	Comissioning & Start Up Phase for All System	15	\$0.00	17-Mar-15	04-Apr-15	0																						
	<b>Demobilization,Close Out&amp;Handing Over</b>	17	\$0.00	04-Apr-15	23-Apr-15	0																						

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

### Roll Up Schedule

Date	Revision	Checked	Approved
01-Dec-13	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.-lv...	Naim Mani-Prog Direc...



## **ARW 22.2 “S” Curve**



INTERNATIONAL RELIEF AND DEVELOPMENT, IRD  
 USAID-INFRASTRUCTURE NEEDS PROGRAM (INP)

**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**

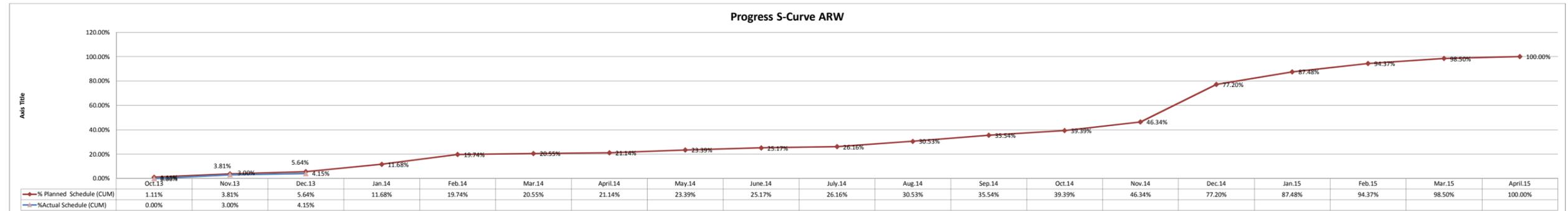
USD	
Total Contract Value Less Day Work:	\$493,634.98
NTP (Notice to Proceed)	23-Oct-13
Duration of Contract:	120 CD
Completion Date:	19-Feb-14
Data Date:	

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

USD	
Revised 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

**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	\$72,410.79	\$175,854.76	\$119,360.73	\$393,233.83	\$525,353.55	\$52,737.79	\$38,910.54	\$146,379.23	\$116,320.22	\$64,525.10	\$284,252.78	\$327,102.99	\$250,434.82	\$453,189.07	\$2,010,948.95	\$670,253.37	\$449,057.65	\$269,043.90	\$97,600.50	\$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	\$0.00	\$195,509.12	\$74,945.16																	
Actual Schedule Value (CUM)	\$0.00	\$195,509.12	\$270,454.28																	
% Planned Schedule	1.11%	2.70%	1.83%	6.03%	8.06%	0.81%	0.60%	2.25%	1.78%	0.99%	4.36%	5.02%	3.84%	6.95%	30.86%	10.28%	6.89%	4.13%	1.50%	100%
% Planned Schedule (CUM)	1.11%	3.81%	5.64%	11.68%	19.74%	20.55%	21.14%	23.39%	25.17%	26.16%	30.53%	35.54%	39.39%	46.34%	77.20%	87.48%	94.37%	98.50%	100.00%	100%
% Actual Schedule	0.00%	3.00%	4.15%																	
% Actual Schedule (CUM)	0.00%	3.00%	4.15%																	





## **ARW 22.3 Site Memos Log**



**Infrastructure Needs Program II- INP II**

Task Order: AID-294-I-00-13-00018

Project: Wells Rehabilitation Project-WER

**Memoranda from CONTRACTOR to Engineer (CE) Log**

Number	Description/Subject	Date Received	Response Date	Comments
No Site Memos were issued during the current reporting period (December 01 till December 31, 2013)				



**ARW 22.4 Material or Equipment Delivered to Site  
Logo**

### Equipment Log

<b>Task Order:</b>	AID - 294 - TO - 13 - 00018				
<b>Project:</b>	Wells Rehabilitation Project				
<b>Sub-project</b>	Arraba				
No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle

There were no equipments delivered to Arraba site during current reporting period, from December 01 to December 23, 2013

## Equipment Log

<b>Task Order:</b>	AID - 294 - TO - 13 - 00018				
<b>Project:</b>	Wells Rehabilitation Project				
<b>Sub-project</b>	Arraba				
No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle

There were no materials delivered to Arraba site during current reporting period, from December 01 to December 23,2013



## **ARW 22.5 Inspection Requests Log**

**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-001-A	December 16, 2013	December 16, 2013	Project Temporary Signs Sec.(01580)	December 17, 2013	Rejected - Resubmit		
IR-13-00018-ARW-001-B	December 25, 2013	December 25, 2013	Project Temporary Signs Sec.(01580)	December 26, 2013	No Exceptions Noted		
IR-13-00018-ARW-002-A	December 25, 2013	December 25, 2013	Inspection of site preparation for shutdown	December 26, 2013	No Exceptions Noted		



## **ARW 22.6 Submittals Log**

Submittal Categories		Submittal Classification		Identifiers:			Preconstruction		Construction		Post construction		Submittal Alpha Identifier		Submittal Disposition/ Color Coding			
PD	PRODUCT DATA	PCS	Preconstruction	WER Wells Rehabilitation Project			First Submittal SUB-18-WER-001-A		First RE-Submittal SUB-18-WER-001-B		Second Resubmittal SUB-18-WER-001-C				A - No Exceptions Noted			
SD	SHOP DRAWINGS	CONS	Construction	ARW	: Project 1 Identifier										B - Make Corrections Noted			
AD	ADMINISTRATIVE/OTHER	PSTS	Post construction	SNW	: Project 2 Identifier										C - Amend and Resubmit			
TR	TEST REPORT			SDW	: Project 3 Identifier										D - Rejected- Resubmit			
SCH	SCHEDULE														E - Review Not Required			
RPT	REPORT														Submitted Pending Response			
SMP	SAMPLE																	
CO	COMPLETION & CLOSEOUT																	
MAT	MATERIAL																	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
Submittal Number	Submittal Description	Specification Number	Submittal Category	Submittal Classification	Submittal Type	Project Identifier	Schedule Activity ID	BOQ Item No.	Rev.	Contractual Submission Date	Actual Submission Date from Subcontractor	Actual Submission Date	Submission Delay	Response Needed by (Max. 30 days)	Date Returned to IRD	Total Engineer Response Time	Submittal Disposition (Grade)	Remarks
SUB-00018-WER-004-B	Submittals Schedule	01300, P1.1D	AD	PCS	SUB	WER		MOB	B		From main contractor directly	December 16, 2013		January 15, 2014	December 26, 2013	10	B	
SUB-00018-WER-010-B	General construction method statement	Contractor's Manual-Sec. 4-4.1/14	AD	PCS	SUB	WER	-	MOB	B		December 3, 2013	December 3, 2013		January 2, 2014	December 18, 2013	15	B	
SUB-00018-WER-023-B	Risk Management Plan	contractor's manual-sec. 4.1/17	AD	PCS	SUB	WER		MOB	B		December 16, 2013	December 16, 2013		January 15, 2014	December 22, 2013	6	B	
SUB-00018-WER-028-B	Well development work plan	Specs. 02625	AD	PCS	SUB	WER		MOB	B		December 3, 2013	December 3, 2013		January 2, 2014	December 18, 2013	15	B	
SUB-00018-WER-031-B	Temporary signs sample	1580	AD	PCS	SUB	WER		MOB	B		December 1, 2013	December 1, 2013		December 31, 2013	December 3, 2013	2	B	
SUB-00018-SNW-034-A	Shop drawing for existing surveying (Sanur)	1040	AD	PCS	SUB	SNW		MOB	A		December 3, 2013	December 3, 2013		January 2, 2014	December 10, 2013	7	C	
SUB-00018-SNW-034-B	Shop drawing for existing surveying (Sanur)	1040	AD	PCS	SUB	SNW		MOB	B		December 22, 2013	December 22, 2013		January 21, 2014	December 23, 2013	1	A	
SUB-00018-ARW-035-A	Existing surveying level(Arraba)	1040	AD	PCS	SUB	ARW		MOB	A		December 3, 2013	December 3, 2013		January 2, 2014	December 10, 2013	7	C	
SUB-00018-ARW-035-B	Existing surveying level(Arraba)	1040	AD	PCS	SUB	ARW		MOB	B		December 19, 2013	December 22, 2013		January 21, 2014	December 22, 2013	0	B	
SUB-00018-WER-036-A	Well performance test work plan	2636	AD	PCS	SUB	WER		MOB	A			December 9, 2013		January 8, 2014	December 18, 2013	9	B	
SUB-00018-ARW-037-A	Arraba dumping area	contractor's manual-sec. 4.1/19 & Specs.1560	AD	PCS	SUB	ARW		MOB	A		December 17, 2013	December 17, 2013		December 20, 2013	December 19, 2013	2	A	
SUB-00018-SDW-038-A	The safety plan for working at night for Saadeh well	contractor's manual -sec.4.1/12 & specs.sec.01040,01520,01550, 01560,01640 and 01505	AD	PCS	SUB	SDW		MOB	A		From main contractor directly	December 24, 2013		December 27, 2013				
SUB-00018-WER-039-A	Arraba & Sanur chain link facing (Temporary fencing)	Section 01505/Paragraph 1.1 (F-6)	AD	PCS	SUB	WER		MOB	A		December 28, 2013	December 30, 2013		January 2, 2014				
SUB-00018-WER-040-A	Storage yard	Section 01550/Paragraph 1.3(A)	AD	PCS	SUB	WER		MOB	A		December 30, 2013	December 30, 2013		January 2, 2014				



## **ARW 22.7 Requests for Information Log**

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

Request for Information Log

RFI No.	Subject of RFI	BOQ item no.	Specification no.	Drawing no.	Date Submitted to Engineer	Response Date from Engineer	No. of Days for Engineer Response	Status	Engineer Response	Potential Change Order	Status
RFI-18-WER-003-A	Available geophysical logs during construction and the logs from the recent (after construction) activities on Arraba, Sanur and Saadeh wells.		Section 02623,02624,02625		December 4, 2013	December 4, 2013	0	Response	Engineer's response included the following: 1- All available information where provided to the contractor during bidding stage. 2- Contractor to coordinate with PWA to obtain any other information if available. 3- We are not aware of any contract condition that requires the engineer to provide such requested information.		Reviewed
RFI-18-WER-004-A	Clarification from the CMC regarding the shop drawings preparation and submission the civil structures.				December 4, 2013	December 18, 2013	14	Response	Contractor may proceed with all submittals related to the balance tank , booster pump station, living quarters, electrical metering building, civil site work (fence, boundary well ,etc) piping (materials only and layout drawings for buried yard piping), and septic system.		Reviewed
RFI-18-WER-005-A	Wells Casing Sizes , Test Pumps and Dynamic logs .		Section 02623-Geophysical Logging Section 02636- Well Performance Testing		December 8, 2013						Still Pending
RFI-18-WER-006-A	Start fishing without camera logging or airlifting.	1.1.1	Section 02625 and Sub-013-00018-WER-010-B		December 18, 2013	December 19, 2013	1	Response	The contractor decided to deviate from the approved original method statement (SUB-13-00018-SDW-025-B) which stated that the contractor to airlift then video surveys the well before starting fishing process. The contractor decided to fish the equipment before airlifting and video survey. The engineer allows the contractor to proceed at his own risk. Any damage to well is the contractor responsibility.		Reviewed
RFI-18-WER-007-A	The actual discharge location of the disposal pipeline for Saadeh well.	1.1.5	Section 01010A, 3.2		December 19, 2013	December 23, 2013	4	Response	Engineer's response included the following: 1- During the site hand over, the CMC showed the contractor the wadi and culvert just east of the station. Due the ditch condition that is totally buried from the station to the culvert, the contractor decided to cross the street and install a drainage pipe along a dirt road to the north of the station to the wadi. 2- According to Spec.Section 1010-Part 1.1-A, the contractor is to furnish all material, equipment and labor for the fulfillment of the contract. 3- According to Spec.Section 1010A-3.2,supplement,the wadi location is approximately 1.25 km, but also states that the final location of the discharge shall be coordinated and approved by the local municipalities ,engineers and owners. Contractor shall be responsible for any temporary piping, pumping equipments,connection,electrical controls,valves,containers and/or chemicals required for neutralization prior to discharge, and any other items required to discharge water to the approved location.  From the above, the contractor is fully responsible to furnish all labor and material to build the drainage pipe to the wadi at his own risk and expense.		Reviewed



## **ARW 22.8 Variation Order Request and Variation Order Log**

**Variation Order Request /VOR Log**

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

**Wells Rehabilitation Project-WER**

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 VOR's submitted during current reporting period



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

Wells Rehabilitation Project-WER

Variation Order /VO Log

VO	Date	Status	Subject	USAID Approval Date	Original Task Order Amount			Previous Task Order Amount			Revised Task Order Amount			Variation Order Change to Day Work	Project	Previous BOQ Amount	BOQ change per this VO	New BOQ	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			Total	Total	Total					

There were no Vos issued during the 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**  
**TEMPORARY JOB DAYS REPORT**

Task Order Name: Welll 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)																	Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other
	Management				Engineers				Skilled labor			Unskilled labor			Other							
	Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Manager #1, #2, etc ..	Document Control Engineer	Civil Engineer	Office Engineer	Quality Control Engineer	Site Engineer	Superintendent	Skilled Labor	Equipment Operator	Flagman	Unskilled Labor	Guard	Welder	Supervisor					
December 1, 2013		3	4	11						5	5			10		3	3	2.25	0	1.25	1.25	0.75
December 2, 2013		3	4	8														1.875	0	0	0	0
December 3, 2013		3	4	11				3		20						5		2.25	0.375	2.5	0	0.625
December 4, 2013		3	3	11				3		15						5		2.125	0.375	1.875	0	0.625
December 5, 2013		3	3	11				3										2.125	0.375	0	0	0
December 6, 2013	Holiday																	0	0	0	0	0
December 7, 2013		3	4	11				3		3								2.25	0.375	0.375	0	0
December 8, 2013		3	3	11				3										2.125	0.375	0	0	0
December 9, 2013		3	4	11				4										2.25	0.5	0	0	0
December 10, 2013		3	2	11				3										2	0.375	0	0	0
December 11, 2013			2															0.25	0	0	0	0
December 12, 2013																		0	0	0	0	0
December 13, 2013	Holiday																	0	0	0	0	0
December 14, 2013																		0	0	0	0	0
December 15, 2013																		0	0	0	0	0
December 16, 2013		3	3	8									15					1.75	0	0	1.875	0
December 17, 2013		3	3	8														1.75	0	0	0	0
December 18, 2013		3	3	8														1.75	0	0	0	0
December 19, 2013	3	3	3	11				3										2.5	0.375	0	0	0
December 20, 2013	Holiday																	0	0	0	0	0
December 21, 2013	3	3	3	11				3										2.5	0.375	0	0	0
December 22, 2013	3	3	3	11				3										2.5	0.375	0	0	0
December 23, 2013	3	3	3	11						8				12				2.5	0	1	0	1.5
December 24, 2013	3	3	3	11	6	3	3		8	8	4		8	20				2.5	2.5	1.5	1	2.5
December 25, 2013	3	3	3	12	6	3	3		8	8	15	5	10	20				2.625	2.5	3.5	1.25	2.5
December 26, 2013	3	3	3	11	6	3	3		8	8	8	3	8	20				2.5	2.5	2.375	1	2.5
December 27, 2013														8				0	0	0	0	1
December 28, 2013	3	3	3	11	6	3	3		8	8	24		16	20		8		2.5	2.5	4	2	3.5
December 29, 2013	3	3	3	14	6	3	3		8	8	15	4	10	20		5		2.875	2.5	3.375	1.25	3.125
December 30, 2013	3	3	3	11	6	3	3		8	8	24		16	20		8		2.5	2.5	4	2	3.5
December 31, 2013	3	3	3	11	6	3	3		8	8		24	16	20		8		2.5	2.5	4	2	3.5
<b>Total of Month</b>	<b>33</b>	<b>69</b>	<b>75</b>	<b>245</b>	<b>42</b>	<b>21</b>	<b>21</b>	<b>31</b>	<b>56</b>	<b>69</b>	<b>133</b>	<b>36</b>	<b>0</b>	<b>109</b>	<b>160</b>	<b>3</b>	<b>42</b>	<b>52.75</b>	<b>21.4</b>	<b>29.8</b>	<b>13.6</b>	<b>25.6</b>

**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**  
**Temporay Job Days Summary Report**

Task Order Name: Wells Rehabilitation Project-WER  
 Sub-project or Activity Name: Project 1-ARW Arraba Well Pump Station  
 CONTRACTOR: IRD

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

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Notes of Comments
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other			
October	2013	5	0	0	0	0	5	0	
November	2013	44	0	4	5	1	53	2	
December	2013	53	21	30	14	26	143	6	
January	2014						0	0	
February	2014						0	0	
March	2014						0	0	
April	2014						0	0	
May	2014						0	0	
June	2014						0	0	
July	2014						0	0	
August	2014						0	0	
September	2014						0	0	
<b>Total of FY 2014</b>							<b>201</b>	<b>8.461134454</b>	
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	
<b>Total of FY 2015</b>							<b>0</b>	<b>0</b>	



## **ARW 22.10 Risk Register Log**

Infrastructure Needs Program INP II  
 Task Ordre No.: TO-294-13-00018  
 Project: Arraba Well 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	Complexity	Running dynamic logs during pumping condition	Small casing size (13 3/8") of Arraba well	will occure unless dynamic log cancelled	Contrcator	8-Dec-13	3	3	9	Yes	Yes	Avoid	To cancel running dynamic log during pumping condition	Pgm CM		This risk has been noted prior implementaion the dynamic logging at pumping condition



International Relief & Development

## **Infrastructure Needs Program**

**Task Order Contract No.: AID - 294 - TO - 13 - 00018  
WELLS REHABILITATION PROJECT-WER**

**Construction Monthly Progress Report  
Reporting Period: December 01- December 31, 2013**

**Project 2-Sanur Well Pump Station-SNW  
Rehabilitation and Infrastructure Improvements**

**Prime Contractor:  
International Relief and Development, Inc. (IRD)**

**Subcontractor:  
Al-Abbasi General Contrcting Co.**

## **2. Attachments**

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



## **SNW 22.1 Updated Schedule- Roll-up**

# RFTOP WATER-294-13-00018 WELL REHABILITATION IMPROVEMENTS

23-Oct-13

Activity ID	Activity Name	Original Duration	Budgeted Total Cost	Early Start	Early Finish	Total Float	Qtr 4, 2013		Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014		Qtr 1, 2015			Qtr 2, 2015		Qtr 3, 2015	
							N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	M	Jun
<b>Total</b>		393	\$14,021,856.90	23-Oct-13	25-Apr-15	0																				
<b>RFTOP WATER-294-13-00018 WELL REHABILITATION &amp; IMPROVEMENTS</b>		393	\$14,021,856.90	23-Oct-13	25-Apr-15	0																				
<b>Milestones</b>		525	\$0.00	23-Oct-13	25-Apr-15	0																				
General Milestones		525	\$0.00	23-Oct-13	25-Apr-15	0																				
Intermediate Milestones		444	\$0.00	20-Nov-13	04-Mar-15	17																				
<b>Mobilization</b>		24	\$0.00	24-Oct-13	20-Nov-13	0																				
<b>Submittals</b>		433	\$0.00	23-Oct-13	25-Apr-15	0																				
Pre Construction Submittals		48	\$0.00	26-Oct-13	25-Dec-13	33																				
Construction Submittals		320	\$0.00	23-Oct-13	06-Dec-14	64																				
Post Construction Submittals		30	\$0.00	21-Mar-15	25-Apr-15	0																				
<b>Procurement</b>		311	\$0.00	18-Nov-13	27-Jan-15	24																				
<b>Mechanical, Electrical Equipments&amp;Instrumentation,...etc</b>		311	\$0.00	18-Nov-13	27-Jan-15	19																				
Donation Number Process		45	\$0.00	18-Nov-13	12-Jan-14	47																				
Material Order & Manufacture		187	\$0.00	15-Jan-14	02-Oct-14	41																				
Mechanical Equipment		160	\$0.00	31-Jan-14	11-Sep-14	46																				
Electrical Equipment		187	\$0.00	15-Jan-14	02-Oct-14	41																				
Material Shipment		190	\$0.00	19-Jun-14	26-Dec-14	39																				
Mechanical Equipment		137	\$0.00	19-Jun-14	03-Nov-14	92																				
Electrical Equipment		144	\$0.00	04-Aug-14	26-Dec-14	19																				
Ashdod Port/Bridge Clearance		127	\$0.00	10-Aug-14	14-Jan-15	31																				
Mechanical Equipment		85	\$0.00	10-Aug-14	23-Nov-14	74																				
Electrical Equipment		95	\$0.00	18-Sep-14	14-Jan-15	15																				
Transport to Site (Ashdod Port to Site)		214	\$0.00	06-May-14	27-Jan-15	15																				
Mechanical Equipment		171	\$0.00	06-May-14	04-Dec-14	50																				
Electrical Equipment		90	\$0.00	07-Oct-14	27-Jan-15	15																				
<b>Steel Pipes,Fittings&amp;Valves</b>		88	\$0.00	10-Jun-14	09-Oct-14	101																				
<b>Execution Phase</b>		391	\$14,021,856.90	24-Oct-13	23-Apr-15	0																				
<b>Project 1 Arraba Well Pump Station Rehabilitation &amp; Infrastructure Improvements</b>		391	\$6,516,970.57	24-Oct-13	23-Apr-15	0																				
Mobilization for P1		24	\$248,265.55	24-Oct-13	20-Nov-13	0																				
P1 - Arraba Well Pump Station Rehabilitation		59	\$196,503.49	05-Dec-13	14-Feb-14	35																				
RIG Mob.&Site Preparation, Preparing and Drainage to Natural Valey		3	\$0.00	05-Dec-13	07-Dec-13	35																				
Removal of Existing Well Pump		8	\$9,657.53	08-Dec-13	21-Dec-13	35																				
Well Development,Logging and Water Sampling		14	\$66,300.18	22-Dec-13	05-Jan-14	35																				
Well Yield Testing per Specification		13	\$120,545.78	06-Jan-14	20-Jan-14	35																				
Removal of Test Pump		7	\$0.00	21-Jan-14	28-Jan-14	35																				
Re Install Vertical Pump		12	\$0.00	30-Jan-14	11-Feb-14	35																				
Restoration & RIG.Demobilization		2	\$0.00	13-Feb-14	14-Feb-14	35																				
P1 - Arraba Well Pump Station Infrastructure Improvement		335	\$5,705,557.13	26-Dec-13	28-Feb-15	0																				
Demolishing,Site Development,Apply Safety Measurments&Site Preparation		13	\$112,981.64	26-Dec-13	14-Jan-14	30																				
Construction of New Pump Station		325	\$5,557,532.47	12-Jan-14	28-Feb-15	0																				
Retaining Walls		68	\$761,891.00	12-Jan-14	06-Apr-14	14																				
Retaining Wall (ST1 to ST2)		58	\$127,406.10	12-Jan-14	25-Mar-14	14																				
Civil & Structural Works		58	\$127,406.10	12-Jan-14	25-Mar-14	14																				
Retaining Wall (ST2 to ST3)		57	\$127,406.10	16-Jan-14	27-Mar-14	14																				
Civil & Structural Works		57	\$127,406.10	16-Jan-14	27-Mar-14	14																				
Retaining Wall (ST3 to ST4)		57	\$127,406.10	19-Jan-14	30-Mar-14	14																				
Civil & Structural Works		57	\$127,406.10	19-Jan-14	30-Mar-14	14																				
Boundary Wall (ST4 to ST5)		56	\$127,406.10	23-Jan-14	01-Apr-14	14																				
Civil & Structural Works		56	\$127,406.10	23-Jan-14	01-Apr-14	14																				
Retaining Wall (ST6 to ST8)		56	\$126,199.59	26-Jan-14	03-Apr-14	14																				

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

## Roll Up Schedule

Date	Revision	Checked	Approved
01-Dec-13	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.-lv...	Naim Mani-Prog Direc...

Activity ID	Activity Name	Original Duration	Budgeted Total Cost	Early Start	Early Finish	Total Float	Qtr 4, 2013	Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014			Qtr 1, 2015			Qtr 2, 2015			Qtr 3, 2015		
							N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug
	<b>Civil &amp; Structural Works</b>	56	\$126,199.59	26-Jan-14	03-Apr-14	14																						
	Retaining Wall (ST8 to ST9)	55	\$126,066.99	30-Jan-14	06-Apr-14	14																						
	<b>Civil &amp; Structural Works</b>	55	\$126,066.99	30-Jan-14	06-Apr-14	14																						
	Balance Tank 1000 m3	314	\$685,233.81	27-Jan-14	28-Feb-15	0																						
	<b>Civil &amp; Structural Works</b>	249	\$361,739.17	27-Jan-14	06-Dec-14	12																						
	Finishing Works	80	\$73,845.47	27-Sep-14	05-Jan-15	19																						
	<b>Metal Fabricated Works</b>	5	\$30,193.46	29-Dec-14	05-Jan-15	19																						
	Mechanical Works	82	\$132,600.36	01-Oct-14	14-Jan-15	19																						
	Electrical & Instrumentation Works	222	\$117,048.81	16-Apr-14	25-Jan-15	12																						
	Test Water Tightness For Reservoir	14	\$0.00	10-Feb-15	28-Feb-15	0																						
	<b>Booster Pump System</b>	191	\$1,211,407.14	23-Jun-14	28-Feb-15	0																						
	<b>Civil &amp; Structural Works</b>	31	\$12,139.26	23-Jun-14	10-Aug-14	75																						
	Steel Structure & Metal Works	40	\$41,928.96	09-Oct-14	24-Nov-14	54																						
	Mechanical Works	142	\$1,043,047.45	31-Aug-14	28-Feb-15	0																						
	Electrical & Instrumentation Works	173	\$78,006.77	10-Jul-14	22-Feb-15	5																						
	Coatings & Finishing Works	14	\$36,284.70	10-Aug-14	26-Aug-14	136																						
	<b>Septic &amp; Seepage Tank</b>	223	\$9,091.77	07-Apr-14	14-Jan-15	33																						
	<b>Civil &amp; Structural Works</b>	223	\$5,918.58	07-Apr-14	14-Jan-15	33																						
	Plumbing Works	66	\$2,069.47	13-Apr-14	30-Jun-14	175																						
	Finishing Works	7	\$1,103.72	17-Jun-14	24-Jun-14	165																						
	<b>Electrical &amp; Control Building</b>	279	\$877,533.44	11-Mar-14	28-Feb-15	0																						
	<b>Civil &amp; Structural Works</b>	82	\$55,634.91	11-Mar-14	15-Jun-14	150																						
	Finishing Works	152	\$45,704.94	16-Jun-14	28-Dec-14	20																						
	Mechanical Works	167	\$0.00	16-Jun-14	19-Jan-15	20																						
	Electrical & Instrumentation Works	265	\$727,905.97	27-Mar-14	28-Feb-15	0																						
	HVAC-Plumping	10	\$48,287.62	07-Feb-15	19-Feb-15	7																						
	<b>Chlorination &amp; Storage Building</b>	199	\$332,428.41	29-May-14	11-Feb-15	13																						
	<b>Civil &amp; Structural Works</b>	67	\$45,326.33	29-May-14	27-Aug-14	114																						
	Finishing Works	21	\$35,712.14	27-Aug-14	21-Sep-14	114																						
	Mechanical Works	67	\$79,810.22	13-Sep-14	06-Dec-14	59																						
	Electrical & Instrumentation Works	192	\$119,153.17	07-Jun-14	11-Feb-15	13																						
	HVAC-Plumping	5	\$52,426.55	06-Dec-14	11-Dec-14	59																						
	<b>Living Quarters Building</b>	140	\$68,097.53	10-Aug-14	02-Feb-15	20																						
	<b>Civil &amp; Structural Works</b>	67	\$14,502.38	10-Aug-14	02-Nov-14	28																						
	Finishing Works	26	\$28,209.64	02-Nov-14	02-Dec-14	60																						
	Mechanical Works	87	\$0.00	19-Aug-14	04-Dec-14	60																						
	Electrical & Instrumentation Works	128	\$10,347.35	24-Aug-14	02-Feb-15	20																						
	HVAC-Plumping	40	\$15,038.16	19-Nov-14	06-Jan-15	38																						
	<b>Electrical Metering Building</b>	98	\$221,348.07	15-Oct-14	16-Feb-15	10																						
	<b>Civil &amp; Structural Works</b>	75	\$28,422.19	15-Oct-14	14-Jan-15	12																						
	Finishing Works	16	\$30,080.59	14-Jan-15	07-Feb-15	12																						
	Electrical & Instrumentation Works	89	\$148,861.98	20-Oct-14	09-Feb-15	10																						
	HVAC-Plumping	5	\$13,983.31	09-Feb-15	16-Feb-15	10																						
	<b>Pads &amp; Slabs</b>	128	\$93,228.20	20-Jul-14	29-Dec-14	44																						
	<b>Civil &amp; Structural Works</b>	43	\$3,770.42	20-Jul-14	15-Sep-14	114																						
	Electrical & Instrumentation Works	105	\$56,910.42	14-Aug-14	21-Dec-14	51																						
	Mechanical Works	21	\$32,547.36	04-Dec-14	29-Dec-14	44																						
	<b>Well Systems</b>	199	\$981,993.63	29-May-14	10-Feb-15	0																						
	Wellhead and Pad (Structural)	47	\$29,208.39	29-May-14	04-Aug-14	131																						
	Mechanical	31	\$870,032.67	04-Dec-14	13-Jan-15	0																						
	Electrical & Instrumentation Works	20	\$82,752.57	13-Jan-15	10-Feb-15	0																						
	<b>Yard Works &amp; Site Electrical Power</b>	113	\$315,279.45	28-Sep-14	22-Feb-15	5																						
	External & Finishing Works	95	\$122,034.16	28-Sep-14	28-Jan-15	23																						
	Mechanical Works	24	\$92,171.53	12-Oct-14	09-Nov-14	54																						
	Electrical & Instrumentation Works	113	\$101,073.76	28-Sep-14	22-Feb-15	5																						
	<b>Flow Control Valve for Mirka Existing Balance Tank &amp; Arraba Existing RSV</b>	20	\$35,043.02	12-Oct-14	04-Nov-14	71																						
	<b>General Requirements &amp; Demobilization Summary for P1</b>	32	\$366,644.40	17-Mar-15	23-Apr-15	0																						
	<b>Project 2 Sanur Well Pump Stations Rehabilitation &amp; Infrastructure Improvements</b>	391	\$7,011,251.35	24-Oct-13	23-Apr-15	0																						
	<b>Mobilization for P2</b>	24	\$267,095.28	24-Oct-13	20-Nov-13	0																						
	<b>P2 - Sanur Well Pump Station Rehabilitation</b>	39	\$401,431.32	10-Feb-14	21-Mar-14	0																						

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

### Roll Up Schedule

Date	Revision	Checked	Approved
01-Dec-13	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.-lv...	Naim Mani-Prog Direc...

Activity ID	Activity Name	Original Duration	Budgeted Total Cost	Early Start	Early Finish	Total Float	Qtr 4, 2013	Qtr 1, 2014	Qtr 2, 2014	Qtr 3, 2014	Qtr 4, 2014	Qtr 1, 2015	Qtr 2, 2015	Qtr 3, 2015														
							N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug
	<b>RIG Mob.&amp;Site Preparation, Preparing and Drainage to Natural Valey</b>	3	\$0.00	10-Feb-14	13-Feb-14	0																						
	Removal of Existing Well Pump	7	\$9,657.53	14-Feb-14	20-Feb-14	0																						
	Well Development,Logging and Water Sampling	14	\$66,300.18	21-Feb-14	06-Mar-14	0																						
	Well Yield Testing, Logging per Specification	13	\$325,473.61	07-Mar-14	19-Mar-14	0																						
	Restorination & RIG.Demobilization	2	\$0.00	20-Mar-14	21-Mar-14	0																						
	<b>P2: Sanur Well Pump Station Infrastructure Improvement</b>	<b>339</b>	<b>\$5,971,372.91</b>	<b>26-Dec-13</b>	<b>04-Mar-15</b>	<b>14</b>																						
	Demolishing,Site Development,Apply Safety Measurments&Site Preparation	13	\$48,785.48	26-Dec-13	14-Jan-14	46																						
	<b>Construction of New Pump Station</b>	<b>311</b>	<b>\$5,897,477.87</b>	<b>06-Feb-14</b>	<b>04-Mar-15</b>	<b>14</b>																						
	<b>Balance Tank 1000 m3</b>	<b>311</b>	<b>\$691,646.79</b>	<b>06-Feb-14</b>	<b>04-Mar-15</b>	<b>0</b>																						
	Civil & Structural Works	222	\$368,152.15	06-Feb-14	12-Nov-14	37																						
	Finishing Works	87	\$73,845.47	26-Aug-14	11-Dec-14	44																						
	<b>Metal Fabricated Works</b>	<b>5</b>	<b>\$30,193.46</b>	<b>06-Dec-14</b>	<b>11-Dec-14</b>	<b>44</b>																						
	Mechanical Works	89	\$132,600.36	31-Aug-14	18-Dec-14	44																						
	Electrical & Instrumentation Works	195	\$117,048.81	24-Apr-14	27-Dec-14	37																						
	Test Water Tightness For Reservoir	14	\$0.00	17-Feb-15	04-Mar-15	0																						
	<b>Booster Pump System</b>	<b>145</b>	<b>\$1,937,301.07</b>	<b>24-Jun-14</b>	<b>28-Dec-14</b>	<b>54</b>																						
	Civil & Structural Works	31	\$23,828.36	24-Jun-14	11-Aug-14	16																						
	Steel Structure & Metal Works	40	\$41,928.96	11-Aug-14	27-Sep-14	35																						
	Mechanical Works	114	\$1,704,629.46	11-Aug-14	28-Dec-14	1																						
	Electrical & Instrumentation Works	78	\$130,629.59	13-Jul-14	26-Oct-14	82																						
	Coatings & Finishing Works	14	\$36,284.70	30-Sep-14	22-Oct-14	111																						
	<b>Septic &amp; Seepage Tank</b>	<b>78</b>	<b>\$11,575.13</b>	<b>09-Apr-14</b>	<b>14-Jul-14</b>	<b>166</b>																						
	Civil & Structural Works	78	\$5,918.58	09-Apr-14	14-Jul-14	119																						
	Finishing Works	7	\$1,103.72	24-Jun-14	02-Jul-14	119																						
	Plumbing Works	8	\$4,552.83	01-Jul-14	14-Jul-14	166																						
	<b>Electrical &amp; Control Building</b>	<b>186</b>	<b>\$952,696.59</b>	<b>25-May-14</b>	<b>19-Jan-15</b>	<b>30</b>																						
	Civil & Structural Works	78	\$55,726.53	25-May-14	04-Sep-14	83																						
	Finishing Works	45	\$45,704.94	04-Sep-14	01-Nov-14	69																						
	Mechanical Works	56	\$0.00	09-Sep-14	18-Nov-14	69																						
	Electrical & Instrumentation Works	178	\$802,977.50	03-Jun-14	19-Jan-15	30																						
	HVAC-Plumping	10	\$48,287.62	04-Dec-14	16-Dec-14	55																						
	<b>Chlorination &amp; Storage Building</b>	<b>200</b>	<b>\$332,428.41</b>	<b>28-May-14</b>	<b>11-Feb-15</b>	<b>13</b>																						
	Civil & Structural Works	73	\$50,196.48	28-May-14	02-Sep-14	109																						
	Finishing Works	21	\$35,712.14	02-Sep-14	27-Sep-14	109																						
	Mechanical Works	70	\$74,940.07	01-Jul-14	02-Oct-14	109																						
	Electrical & Instrumentation Works	193	\$119,153.17	05-Jun-14	11-Feb-15	13																						
	HVAC-Plumping	5	\$52,426.55	04-Dec-14	10-Dec-14	60																						
	<b>Living Quarters Building</b>	<b>125</b>	<b>\$68,097.53</b>	<b>03-Aug-14</b>	<b>03-Jan-15</b>	<b>50</b>																						
	Civil & Structural Works	70	\$14,502.38	03-Aug-14	29-Oct-14	50																						
	Finishing Works	26	\$28,209.64	29-Oct-14	29-Nov-14	63																						
	Mechanical Works	90	\$4,828.76	12-Aug-14	01-Dec-14	63																						
	Electrical & Instrumentation Works	66	\$10,347.35	17-Aug-14	08-Nov-14	88																						
	HVAC-Plumping	40	\$10,209.40	16-Nov-14	03-Jan-15	50																						
	<b>Electrical Metering Building</b>	<b>97</b>	<b>\$207,509.66</b>	<b>12-Oct-14</b>	<b>10-Feb-15</b>	<b>14</b>																						
	Civil & Structural Works	76	\$28,422.19	12-Oct-14	12-Jan-15	14																						
	Finishing Works	16	\$30,080.59	12-Jan-15	03-Feb-15	14																						
	Electrical & Instrumentation Works	82	\$135,023.57	16-Oct-14	26-Jan-15	20																						
	HVAC-Plumping	5	\$13,983.31	03-Feb-15	10-Feb-15	14																						
	<b>Pads &amp; Slabs</b>	<b>127</b>	<b>\$286,937.19</b>	<b>24-Jul-14</b>	<b>31-Dec-14</b>	<b>42</b>																						
	Civil & Structural Works	39	\$8,026.31	24-Jul-14	14-Sep-14	108																						
	Electrical & Instrumentation Works	100	\$56,656.52	20-Aug-14	21-Dec-14	42																						
	Mechanical Works	88	\$220,598.78	14-Sep-14	31-Dec-14	42																						
	Finishing Works	2	\$1,655.58	21-Dec-14	23-Dec-14	42																						
	<b>Well Systems</b>	<b>199</b>	<b>\$1,032,304.60</b>	<b>02-Jun-14</b>	<b>16-Feb-15</b>	<b>1</b>																						
	Wellhead and Pad (Structural)	47	\$29,404.16	02-Jun-14	07-Aug-14	133																						
	Mechanical	35	\$929,213.53	04-Dec-14	19-Jan-15	1																						
	Electrical & Instrumentation Works	20	\$73,686.91	19-Jan-15	16-Feb-15	1																						
	<b>Yard Works,Widening&amp;Upgrading of Existing Main Road Entrance &amp; Site Electrical Power</b>	<b>112</b>	<b>\$376,980.90</b>	<b>06-Sep-14</b>	<b>26-Jan-15</b>	<b>44</b>																						
	External & Finishing Works	112	\$195,089.07	06-Sep-14	26-Jan-15	44																						
	Mechanical Works	24	\$88,322.28	14-Sep-14	18-Oct-14	63																						

- ( New Bar )
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### Roll Up Schedule

Date	Revision	Checked	Approved
01-Dec-13	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.-lv...	Naim Mani-Prog Direc...

Activity ID	Activity Name	Original Duration	Budgeted Total Cost	Early Start	Early Finish	Total Float	Qtr 4, 2013		Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014			Qtr 1, 2015			Qtr 2, 2015			Qtr 3, 2015	
							N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug
	<b>Electrical &amp; Instrumentation Works</b>	74	\$93,569.55	06-Sep-14	07-Dec-14	63																						
	Flow Control Valve for Jaba Existing Balance Tank&Kafr Rai Existing PS Balance Tank	20	\$25,109.56	14-Sep-14	13-Oct-14	90																						
	General Requirements & Demobilization Summary for P2	32	\$371,351.84	17-Mar-15	23-Apr-15	0																						
	<b>Project 3 Saadeh Well Pump Station Rehabilitation</b>	84	\$493,634.98	24-Oct-13	18-Feb-14	0																						
	<b>P3 - Saadeh Well Pump Station Rehabilitation</b>	84	\$493,634.98	24-Oct-13	18-Feb-14	0																						
	Mobilization for P2	24	\$18,805.14	24-Oct-13	20-Nov-13	0																						
	RIG. Mob.&Site Preparation, Preparing Treatment Pit and Drainage to Natural Valley	3	\$0.00	05-Dec-13	07-Dec-13	0																						
	Video Logging (Equipment Location)	2	\$0.00	08-Dec-13	09-Dec-13	0																						
	Equipment Removal (Fishing)	12	\$216,982.41	10-Dec-13	27-Dec-13	0																						
	Acidization	10	\$66,300.18	28-Dec-13	07-Jan-14	0																						
	Well Development (Surging&Airlifting)	10	\$66,300.18	09-Jan-14	19-Jan-14	0																						
	Well Yield Testing,Logging & Water Well Sampling	10	\$120,545.78	20-Jan-14	31-Jan-14	0																						
	Restoration & Rig Demobilization	2	\$0.00	08-Feb-14	09-Feb-14	0																						
	Demobilization,Close Out&Handing Over for P3	7	\$4,701.29	10-Feb-14	18-Feb-14	0																						
	<b>Design Review After Well Development Results</b>	120	\$0.00	22-Mar-14	19-Jul-14	0																						
	<b>(O&amp;M),Inspection,Commissioning,Start Up &amp; Training</b>	280	\$0.00	15-Apr-14	04-Apr-15	0																						
	Initial Operation & Manufacturer Technical Manual Submittals (O&M)	164	\$0.00	15-Apr-14	11-Nov-14	16																						
	Approval - Final Operation & Manufacturer Technical Manual Submittals (O&M)	152	\$0.00	29-May-14	11-Dec-14	59																						
	Certificate of Proper Installation for Installed Equipments&Installation (Pre Commissioning)	15	\$0.00	28-Feb-15	17-Mar-15	0																						
	Training Phase	15	\$0.00	17-Mar-15	04-Apr-15	0																						
	Comissioning & Start Up Phase for All System	15	\$0.00	17-Mar-15	04-Apr-15	0																						
	<b>Demobilization,Close Out&amp;Handing Over</b>	17	\$0.00	04-Apr-15	23-Apr-15	0																						

- ( New Bar )
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### Roll Up Schedule

Date	Revision	Checked	Approved
01-Dec-13	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.-lv...	Naim Mani-Prog Direc...



## SNW 22.2 “S” Curve



INTERNATIONAL RELIEF AND DEVELOPMENT, IRD  
 USAID-INFRASTRUCTURE NEEDS PROGRAM (INP)

**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**

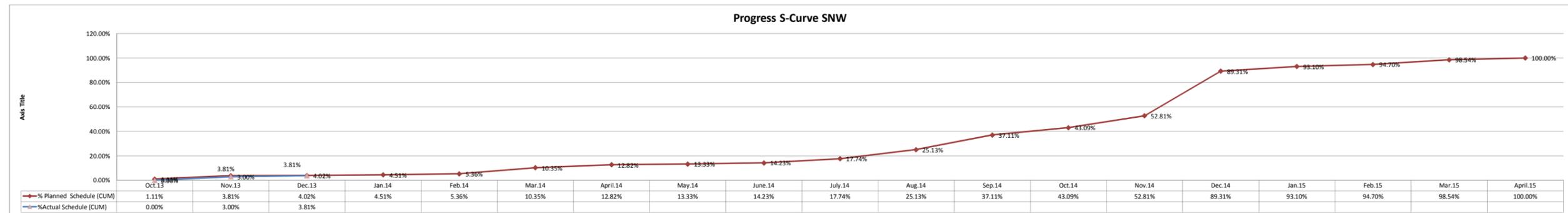
USD	
Total Contract Value Less Day Work:	\$493,634.98
NTP (Notice to Proceed)	23-Oct-13
Duration of Contract:	120 CD
Completion Date:	19-Feb-14
Data Date:	

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

USD	
Revised 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

**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	\$77,902.79	\$189,192.49	\$14,812.77	\$33,972.71	\$59,843.89	\$349,792.69	\$173,178.24	\$36,140.17	\$63,154.89	\$245,550.67	\$518,070.49	\$839,947.41	\$419,765.50	\$681,437.24	\$2,558,912.91	\$265,955.42	\$112,269.23	\$269,043.91	\$102,307.93	\$7,011,251.35
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	\$0.00	\$210,337.54	\$56,791.14																	
Actual Schedule Value (CUM)	\$0.00	\$210,337.54	\$267,128.68																	
% Planned Schedule	1.11%	2.70%	0.21%	0.48%	0.85%	4.99%	2.47%	0.52%	0.90%	3.50%	7.39%	11.98%	5.99%	9.72%	36.50%	3.79%	1.60%	3.84%	1.46%	100%
% Planned Schedule (CUM)	1.11%	3.81%	4.02%	4.51%	5.36%	10.35%	12.82%	13.33%	14.23%	17.74%	25.13%	37.11%	43.09%	52.81%	89.31%	93.10%	94.70%	98.54%	100.00%	100%
% Actual Schedule	0.00%	3.00%	0.81%																	
% Actual Schedule (CUM)	0.00%	3.00%	3.81%																	





## **SNW 22.3 Site Memos Log**



**Infrastructure Needs Program II- INP II**

Task Order: AID-294-I-00-13-00018

Project: Wells Rehabilitation Project-WER

**Memoranda from CONTRACTOR to Engineer (CE) Log**

Number	Description/Subject	Date Received	Response Date	Comments
No Site Memos were issued during the current reporting period (December 01 till December 31, 2013)				



**SNW 22.4 Material or Equipment Delivered to Site  
Logo**

## Equipment Log

<b>Task Order:</b>		AID - 294 - TO - 13 - 00018			
<b>Project:</b>		Wells Rehabilitation Project			
<b>Sub-project</b>		Sanur			
No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
1	December 23, 2013	Generator set			1
2	December 23, 2013	JCB hole-1993			1

## Equipment Log

<b>Task Order:</b>	AID - 294 - TO - 13 - 00018				
<b>Project:</b>	Wells Rehabilitation Project				
<b>Sub-project</b>	Sanur				
No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle

There were no materials delivered to Qbi f site during current reporting period, from December 01 to December 23,2013



## **SNW 22.5 Inspection Requests Log**

**Inspection Requests Log  
IRD/BV**

<b>Task Order:</b>		AID-294-TO-13-00018					
<b>Project:</b>		Wells Rehabilitation Project					
<b>Sender/ Recipient</b>		IRD/BV		1st Inspection		2nd Inspection	
No.	Request Date	Date Inspection Required	Description of Works Inspected	Response Date	Grade	Response Date	Grade
IR-18-SNW-01-A	December 16, 2013	December 16, 2013	Project Temporary Signs Sec.(01580)	December 17, 2013	Rejected - Resubmit		
IR-18-SNW-01-B	December 25, 2013	December 25, 2013	Project Temporary Signs Sec.(01580)	December 26, 2013	Amend - Resubmit		



## **SNW 22.6 Submittals Log**

Submittal Categories		Submittal Classification		Identifiers:			Preconstruction		Construction		Post construction		Resubmittal Alpha Identifier		Submittal Disposition/ Color Coding			
PD	PRODUCT DATA	PCS	Preconstruction	WER Wells Rehabilitation Project			First Submittal SUB-18-WER-001-A		First RE-Submittal SUB-18-WER-001-B		Second Resubmittal SUB-18-WER-001-C				A - No Exceptions Noted			
SD	SHOP DRAWINGS	CONS	Construction	ARW : Project 1 Identifier											B - Make Corrections Noted			
AD	ADMINISTRATIVE/OTHER	PSTS	Post construction	SNW : Project 2 Identifier											C - Amend and Resubmit			
TR	TEST REPORT			SDW : Project 3 Identifier											D - Rejected- Resubmit			
SCH	SCHEDULE														E - Review Not Required			
RPT	REPORT														Submitted Pending Response			
SMP	SAMPLE																	
CO	COMPLETION & CLOSEOUT																	
MAT	MATERIAL																	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
Submittal Number	Submittal Description	Specification Number	Submittal Category	Submittal Classification	Submittal Type	Project Identifier	Schedule Activity ID	BOQ Item No.	Rev.	Contractual Submission Date	Actual Submission Date from Subcontractor	Actual Submission Date	Submission Delay	Response Needed by (Max. 30 days)	Date Returned to IRD	Total Engineer Response Time	Submittal Disposition (Grade)	Remarks
SUB-00018-WER-004-B	Submittals Schedule	01300, P1.1D	AD	PCS	SUB	WER		MOB	B		From main contractor directly	December 16, 2013		January 15, 2014	December 26, 2013	10	B	
SUB-00018-WER-010-B	General construction method statement	Contractor's Manual-Sec. 4-4.1/14	AD	PCS	SUB	WER	-	MOB	B		December 3, 2013	December 3, 2013		January 2, 2014	December 18, 2013	15	B	
SUB-00018-WER-023-B	Risk Management Plan	contractor's manual-sec. 4.1/17	AD	PCS	SUB	WER		MOB	B		December 16, 2013	December 16, 2013		January 15, 2014	December 22, 2013	6	B	
SUB-00018-WER-028-B	Well development work plan	Specs. 02625	AD	PCS	SUB	WER		MOB	B		December 3, 2013	December 3, 2013		January 2, 2014	December 18, 2013	15	B	
SUB-00018-WER-031-B	Temporary signs sample	1580	AD	PCS	SUB	WER		MOB	B		December 1, 2013	December 1, 2013		December 31, 2013	December 3, 2013	2	B	
SUB-00018-SNW-034-A	Shop drawing for existing surveying (Sanur)	1040	AD	PCS	SUB	SNW		MOB	A		December 3, 2013	December 3, 2013		January 2, 2014	December 10, 2013	7	C	
SUB-00018-SNW-034-B	Shop drawing for existing surveying (Sanur)	1040	AD	PCS	SUB	SNW		MOB	B		December 22, 2013	December 22, 2013		January 21, 2014	December 23, 2013	1	A	
SUB-00018-ARW-035-A	Existing surveying level(Arraba)	1040	AD	PCS	SUB	ARW		MOB	A		December 3, 2013	December 3, 2013		January 2, 2014	December 10, 2013	7	C	
SUB-00018-ARW-035-B	Existing surveying level(Arraba)	1040	AD	PCS	SUB	ARW		MOB	B		December 19, 2013	December 22, 2013		January 21, 2014	December 22, 2013	0	B	
SUB-00018-WER-036-A	Well performance test work plan	2636	AD	PCS	SUB	WER		MOB	A			December 9, 2013		January 8, 2014	December 18, 2013	9	B	
SUB-00018-ARW-037-A	Arraba dumping area	contractor's manual-sec. 4.1/19 & Specs.1560	AD	PCS	SUB	ARW		MOB	A		December 17, 2013	December 17, 2013		December 20, 2013	December 19, 2013	2	A	
SUB-00018-SDW-038-A	The safety plan for working at night for Saadeh well	contractor's manual -sec.4.1/12 & specs.sec.01040,01520,01550, 01560,01640 and 01505	AD	PCS	SUB	SDW		MOB	A		From main contractor directly	December 24, 2013		December 27, 2013				
SUB-00018-WER-039-A	Arraba & Sanur chain link facing (Temporary fencing)	Section 01505/Paragraph 1.1 (F-6)	AD	PCS	SUB	WER		MOB	A		December 28, 2013	December 30, 2013		January 2, 2014				
SUB-00018-WER-040-A	Storage yard	Section 01550/Paragraph 1.3(A)	AD	PCS	SUB	WER		MOB	A		December 30, 2013	December 30, 2013		January 2, 2014				



## **SNW 22.7 Requests for Information Log**

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

Request for Information Log

RFI No.	Subject of RFI	BOQ item no.	Specification no.	Drawing no.	Date Submitted to Engineer	Response Date from Engineer	No. of Days for Engineer Response	Status	Engineer Response	Potential Change Order	Status
RFI-18-WER-003-A	Available geophysical logs during construction and the logs from the recent (after construction) activities on Arraba, Sanur and Saadeh wells.		Section 02623,02624,02625		December 4, 2013	December 4, 2013	0	Response	Engineer's response included the following: 1- All available information where provided to the contractor during bidding stage. 2- Contractor to coordinate with PWA to obtain any other information if available. 3- We are not aware of any contract condition that requires the engineer to provide such requested information.		Reviewed
RFI-18-WER-004-A	Clarification from the CMC regarding the shop drawings preparation and submission the civil structures.				December 4, 2013	December 18, 2013	14	Response	Contractor may proceed with all submittals related to the balance tank , booster pump station, living quarters, electrical metering building, civil site work (fence, boundary well ,etc) piping (materials only and layout drawings for buried yard piping), and septic system.		Reviewed
RFI-18-WER-005-A	Wells Casing Sizes , Test Pumps and Dynamic logs .		Section 02623-Geophysical Logging Section 02636- Well Performance Testing		December 8, 2013						Still Pending
RFI-18-WER-006-A	Start fishing without camera logging or airlifting.	1.1.1	Section 02625 and Sub-013-00018-WER-010-B		December 18, 2013	December 19, 2013	1	Response	The contractor decided to deviate from the approved original method statement (SUB-13-00018-SDW-025-B) which stated that the contractor to airlift then video surveys the well before starting fishing process. The contractor decided to fish the equipment before airlifting and video survey. The engineer allows the contractor to proceed at his own risk. Any damage to well is the contractor responsibility.		Reviewed
RFI-18-WER-007-A	The actual discharge location of the disposal pipeline for Saadeh well.	1.1.5	Section 01010A, 3.2		December 19, 2013	December 23, 2013	4	Response	Engineer's response included the following: 1- During the site hand over, the CMC showed the contractor the wadi and culvert just east of the station. Due the ditch condition that is totally buried from the station to the culvert, the contractor decided to cross the street and install a drainage pipe along a dirt road to the north of the station to the wadi. 2- According to Spec.Section 1010-Part 1.1-A, the contractor is to furnish all material, equipment and labor for the fulfillment of the contract. 3- According to Spec.Section 1010A-3.2,supplement,the wadi location is approximately 1.25 km, but also states that the final location of the discharge shall be coordinated and approved by the local municipalities ,engineers and owners. Contractor shall be responsible for any temporary piping, pumping equipments,connection,electrical controls,valves,containers and/or chemicals required for neutralization prior to discharge, and any other items required to discharge water to the approved location.  From the above, the contractor is fully responsible to furnish all labor and material to build the drainage pipe to the wadi at his own risk and expense.		Reviewed



## **SNW 22.8 Variation Order Request and Variation Order Log**



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

Wells Rehabilitation Project-WER

Variation Order /VO Log

VO	Date	Status	Subject	USAID Approval Date	Original Task Order Amount			Previous Task Order Amount			Revised Task Order Amount			Variation Order Change to Day Work	Project	Previous BOQ Amount	BOQ change per this VO	New BOQ	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			Total	Total	Total					

There were no Vos issued during the reporting period

**Variation Order Request /VOR Log**

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

Wells Rehabilitation Project-WER

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 VOR's submitted during current reporting period



## **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**  
**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)																	Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other
	Management				Engineers				Skilled labor			Unskilled labor		Other								
Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Manager #1, #2, etc.	Document Control Engineer	Civil Engineer	Office Engineer	Quality Control Engineer	Site Engineer	Superintendent	Skilled Labor	Equipment Operator	Flagman	Unskilled Labor	Guard	Welders	Supervisor						
December 1, 2013		3	2	10					6	4								1.875	0	1.25	0	0
December 2, 2013		3	2	8														1.625	0	0	0	0
December 3, 2013		3	2	11			3			13						5		2	0.375	1.625	0	0.625
December 4, 2013		2	2	11			3			5						5		1.875	0.375	0.625	0	0.625
December 5, 2013		2	2	11			3			6			4					1.875	0.375	0.75	0.5	0
December 6, 2013	Holiday																	0	0	0	0	0
December 7, 2013		3	2	11			3											2	0.375	0	0	0
December 8, 2013		3	3	10			2											2	0.25	0	0	0
December 9, 2013		3	2	11			2											2	0.25	0	0	0
December 10, 2013		2	2	11			2											1.875	0.25	0	0	0
December 11, 2013			4															0.5	0	0	0	0
December 12, 2013																		0	0	0	0	0
December 13, 2013	Holiday																	0	0	0	0	0
December 14, 2013																		0	0	0	0	0
December 15, 2013																		0	0	0	0	0
December 16, 2013		3	3	8									15					1.75	0	0	1.875	0
December 17, 2013		3	3	8														1.75	0	0	0	0
December 18, 2013		3	3	8														1.75	0	0	0	0
December 19, 2013	3	3	3	3			3											1.5	0.375	0	0	0
December 20, 2013	Holiday																	0	0	0	0	0
December 21, 2013	3	3	3	3			3											1.5	0.375	0	0	0
December 22, 2013	3	3	3	3			3											1.5	0.375	0	0	0
December 23, 2013	3	3	3	3					8						12			1.5	0	1	0	1.5
December 24, 2013	3	3	3	3	6	3	3		4	4			8	20				1.5	1.5	1	1	2.5
December 25, 2013	3	3	3	4	6	3	3		5	15				20				1.625	1.5	2.5	0	2.5
December 26, 2013	3	3	3	10	6	3	3							20				2.375	1.5	0	0	2.5
December 27, 2013														20				0	0	0	0	2.5
December 28, 2013	3	3	3	11	6	3	3							20				2.5	1.5	0	0	2.5
December 29, 2013	3	3	3	14	6	3	3							20				2.875	1.5	0	0	2.5
December 30, 2013	3	3	3	11	6	3	3							20				2.5	1.5	0	0	2.5
December 31, 2013	3	3	3	11	6	3	3							20				2.5	1.5	0	0	2.5
<b>Total of Month</b>	<b>33</b>	<b>66</b>	<b>65</b>	<b>194</b>	<b>42</b>	<b>21</b>	<b>21</b>	<b>27</b>	<b>0</b>	<b>23</b>	<b>47</b>	<b>0</b>	<b>0</b>	<b>27</b>	<b>172</b>	<b>0</b>	<b>10</b>	<b>44.75</b>	<b>13.88</b>	<b>8.75</b>	<b>3.375</b>	<b>22.75</b>

**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**  
**Temporay Job Days Summary Report**

Task Order Name: Wells Rehabilitation Project-WER  
 Sub-project or Activity Name: Project 2-SNW Sanur Well Pump Station  
 CONTRACTOR: IRD

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

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Notes of Comments
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other			
October	2013	0	0	0	0	0	0	0	
November	2013	36	0	4	7	3	50	2	
December	2013	45	14	9	3	23	94	4	
January	2014						0	0	
February	2014						0	0	
March	2014						0	0	
April	2014						0	0	
May	2014						0	0	
June	2014						0	0	
July	2014						0	0	
August	2014						0	0	
September	2014						0	0	
<b>Total of FY 2014</b>							<b>144</b>	<b>6.045168067</b>	
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	
<b>Total of FY 2015</b>							<b>0</b>	<b>0</b>	



## **SNW 22.10 Risk Register Log**

Infrastructure Needs Program INP II  
 Task Ordre No.: TO-294-13-00018  
 Project: Sanur Well 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	Complexity	Running dynamic logs during pumping condition	Small casing size (15") of Sanur well	will occure unless dynamic log cancelled	Contrcator	8-Dec-13	3	3	9	Yes	Yes	Avoid	To cancel running dynamic log during pumping condition	Pgm CM		This risk has been noted prior implementaion the dynamic logging at pumping condition



## **Infrastructure Needs Program**

**Task Order Contract No.: AID - 294 - TO - 13 - 00018  
WELLS REHABILITATION PROJECT-WER**

**Construction Monthly Progress Report  
Reporting Period: December 01- December 31, 2013**

**Project 3-Saadeh Well Rehabilitation-SDW**

Prime Contractor:  
**International Relief and Development, Inc. (IRD)**

Subcontractor:  
**Al-Abbasi General Contrcating Co.**

### **3. Attachments**

<b>SDW 22.</b>	<b>Updated Schedule- Roll-up</b>
<b>SDW 22.2</b>	<b>“S” Curve</b>
<b>SDW 22.3</b>	<b>Site Memos Log</b>
<b>SDW 22.4</b>	<b>Material or Equipment Delivered to Site</b>
<b>SDW 22.5</b>	<b>Inspection Requests Log</b>
<b>SDW 22.6</b>	<b>Submittals Log</b>
<b>SDW 22.7</b>	<b>Requests for Information Log</b>
<b>SDW 22.8</b>	<b>Variation Order Request and Variation Order Log</b>
<b>SDW 22.9</b>	<b>Employment Generated Data</b>
<b>SDW 22.10</b>	<b>Risk Register Table</b>



## **SDW 22.1 Updated Schedule- Roll-up**

# RFTOP WATER-294-13-00018 WELL REHABILITATION IMPROVEMENTS

23-Oct-13

Activity ID	Activity Name	Original Duration	Budgeted Total Cost	Early Start	Early Finish	Total Float	Qtr 4, 2013		Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014		Qtr 1, 2015			Qtr 2, 2015		Qtr 3, 2015	
							N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	M	Jun
<b>Total</b>		393	\$14,021,856.90	23-Oct-13	25-Apr-15	0																				
<b>RFTOP WATER-294-13-00018 WELL REHABILITATION &amp; IMPROVEMENTS</b>		393	\$14,021,856.90	23-Oct-13	25-Apr-15	0																				
<b>Milestones</b>		525	\$0.00	23-Oct-13	25-Apr-15	0																				
General Milestones		525	\$0.00	23-Oct-13	25-Apr-15	0																				
Intermediate Milestones		444	\$0.00	20-Nov-13	04-Mar-15	17																				
<b>Mobilization</b>		24	\$0.00	24-Oct-13	20-Nov-13	0																				
<b>Submittals</b>		433	\$0.00	23-Oct-13	25-Apr-15	0																				
Pre Construction Submittals		48	\$0.00	26-Oct-13	25-Dec-13	33																				
Construction Submittals		320	\$0.00	23-Oct-13	06-Dec-14	64																				
Post Construction Submittals		30	\$0.00	21-Mar-15	25-Apr-15	0																				
<b>Procurement</b>		311	\$0.00	18-Nov-13	27-Jan-15	24																				
<b>Mechanical, Electrical Equipments&amp;Instrumentation,...etc</b>		311	\$0.00	18-Nov-13	27-Jan-15	19																				
Donation Number Process		45	\$0.00	18-Nov-13	12-Jan-14	47																				
Material Order & Manufacture		187	\$0.00	15-Jan-14	02-Oct-14	41																				
Mechanical Equipment		160	\$0.00	31-Jan-14	11-Sep-14	46																				
Electrical Equipment		187	\$0.00	15-Jan-14	02-Oct-14	41																				
Material Shipment		190	\$0.00	19-Jun-14	26-Dec-14	39																				
Mechanical Equipment		137	\$0.00	19-Jun-14	03-Nov-14	92																				
Electrical Equipment		144	\$0.00	04-Aug-14	26-Dec-14	19																				
Ashdod Port/Bridge Clearance		127	\$0.00	10-Aug-14	14-Jan-15	31																				
Mechanical Equipment		85	\$0.00	10-Aug-14	23-Nov-14	74																				
Electrical Equipment		95	\$0.00	18-Sep-14	14-Jan-15	15																				
Transport to Site (Ashdod Port to Site)		214	\$0.00	06-May-14	27-Jan-15	15																				
Mechanical Equipment		171	\$0.00	06-May-14	04-Dec-14	50																				
Electrical Equipment		90	\$0.00	07-Oct-14	27-Jan-15	15																				
<b>Steel Pipes,Fittings&amp;Valves</b>		88	\$0.00	10-Jun-14	09-Oct-14	101																				
<b>Execution Phase</b>		391	\$14,021,856.90	24-Oct-13	23-Apr-15	0																				
<b>Project 1 Arraba Well Pump Station Rehabilitation &amp; Infrastructure Improvements</b>		391	\$6,516,970.57	24-Oct-13	23-Apr-15	0																				
Mobilization for P1		24	\$248,265.55	24-Oct-13	20-Nov-13	0																				
P1 - Arraba Well Pump Station Rehabilitation		59	\$196,503.49	05-Dec-13	14-Feb-14	35																				
RIG Mob.&Site Preparation, Preparing and Drainage to Natural Valey		3	\$0.00	05-Dec-13	07-Dec-13	35																				
Removal of Existing Well Pump		8	\$9,657.53	08-Dec-13	21-Dec-13	35																				
Well Development,Logging and Water Sampling		14	\$66,300.18	22-Dec-13	05-Jan-14	35																				
Well Yield Testing per Specification		13	\$120,545.78	06-Jan-14	20-Jan-14	35																				
Removal of Test Pump		7	\$0.00	21-Jan-14	28-Jan-14	35																				
Re Install Vertical Pump		12	\$0.00	30-Jan-14	11-Feb-14	35																				
Restoration & RIG.Demobilization		2	\$0.00	13-Feb-14	14-Feb-14	35																				
P1 - Arraba Well Pump Station Infrastructure Improvement		335	\$5,705,557.13	26-Dec-13	28-Feb-15	0																				
Demolishing,Site Development,Apply Safety Measurments&Site Preparation		13	\$112,981.64	26-Dec-13	14-Jan-14	30																				
Construction of New Pump Station		325	\$5,557,532.47	12-Jan-14	28-Feb-15	0																				
Retaining Walls		68	\$761,891.00	12-Jan-14	06-Apr-14	14																				
Retaining Wall (ST1 to ST2)		58	\$127,406.10	12-Jan-14	25-Mar-14	14																				
Civil & Structural Works		58	\$127,406.10	12-Jan-14	25-Mar-14	14																				
Retaining Wall (ST2 to ST3)		57	\$127,406.10	16-Jan-14	27-Mar-14	14																				
Civil & Structural Works		57	\$127,406.10	16-Jan-14	27-Mar-14	14																				
Retaining Wall (ST3 to ST4)		57	\$127,406.10	19-Jan-14	30-Mar-14	14																				
Civil & Structural Works		57	\$127,406.10	19-Jan-14	30-Mar-14	14																				
Boundary Wall (ST4 to ST5)		56	\$127,406.10	23-Jan-14	01-Apr-14	14																				
Civil & Structural Works		56	\$127,406.10	23-Jan-14	01-Apr-14	14																				
Retaining Wall (ST6 to ST8)		56	\$126,199.59	26-Jan-14	03-Apr-14	14																				

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

## Roll Up Schedule

Date	Revision	Checked	Approved
01-Dec-13	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.-lv...	Naim Mani-Prog Direc...

Activity ID	Activity Name	Original Duration	Budgeted Total Cost	Early Start	Early Finish	Total Float	Qtr 4, 2013	Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014			Qtr 1, 2015			Qtr 2, 2015			Qtr 3, 2015				
							N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Jul	Aug
	<b>Civil &amp; Structural Works</b>	56	\$126,199.59	26-Jan-14	03-Apr-14	14																								
	Retaining Wall (ST8 to ST9)	55	\$126,066.99	30-Jan-14	06-Apr-14	14																								
	<b>Civil &amp; Structural Works</b>	55	\$126,066.99	30-Jan-14	06-Apr-14	14																								
	Balance Tank 1000 m3	314	\$685,233.81	27-Jan-14	28-Feb-15	0																								
	<b>Civil &amp; Structural Works</b>	249	\$361,739.17	27-Jan-14	06-Dec-14	12																								
	Finishing Works	80	\$73,845.47	27-Sep-14	05-Jan-15	19																								
	<b>Metal Fabricated Works</b>	5	\$30,193.46	29-Dec-14	05-Jan-15	19																								
	Mechanical Works	82	\$132,600.36	01-Oct-14	14-Jan-15	19																								
	Electrical & Instrumentation Works	222	\$117,048.81	16-Apr-14	25-Jan-15	12																								
	Test Water Tightness For Reservoir	14	\$0.00	10-Feb-15	28-Feb-15	0																								
	<b>Booster Pump System</b>	191	\$1,211,407.14	23-Jun-14	28-Feb-15	0																								
	<b>Civil &amp; Structural Works</b>	31	\$12,139.26	23-Jun-14	10-Aug-14	75																								
	Steel Structure & Metal Works	40	\$41,928.96	09-Oct-14	24-Nov-14	54																								
	Mechanical Works	142	\$1,043,047.45	31-Aug-14	28-Feb-15	0																								
	Electrical & Instrumentation Works	173	\$78,006.77	10-Jul-14	22-Feb-15	5																								
	Coatings & Finishing Works	14	\$36,284.70	10-Aug-14	26-Aug-14	136																								
	<b>Septic &amp; Seepage Tank</b>	223	\$9,091.77	07-Apr-14	14-Jan-15	33																								
	<b>Civil &amp; Structural Works</b>	223	\$5,918.58	07-Apr-14	14-Jan-15	33																								
	Plumbing Works	66	\$2,069.47	13-Apr-14	30-Jun-14	175																								
	Finishing Works	7	\$1,103.72	17-Jun-14	24-Jun-14	165																								
	<b>Electrical &amp; Control Building</b>	279	\$877,533.44	11-Mar-14	28-Feb-15	0																								
	<b>Civil &amp; Structural Works</b>	82	\$55,634.91	11-Mar-14	15-Jun-14	150																								
	Finishing Works	152	\$45,704.94	16-Jun-14	28-Dec-14	20																								
	Mechanical Works	167	\$0.00	16-Jun-14	19-Jan-15	20																								
	Electrical & Instrumentation Works	265	\$727,905.97	27-Mar-14	28-Feb-15	0																								
	HVAC-Plumping	10	\$48,287.62	07-Feb-15	19-Feb-15	7																								
	<b>Chlorination &amp; Storage Building</b>	199	\$332,428.41	29-May-14	11-Feb-15	13																								
	<b>Civil &amp; Structural Works</b>	67	\$45,326.33	29-May-14	27-Aug-14	114																								
	Finishing Works	21	\$35,712.14	27-Aug-14	21-Sep-14	114																								
	Mechanical Works	67	\$79,810.22	13-Sep-14	06-Dec-14	59																								
	Electrical & Instrumentation Works	192	\$119,153.17	07-Jun-14	11-Feb-15	13																								
	HVAC-Plumping	5	\$52,426.55	06-Dec-14	11-Dec-14	59																								
	<b>Living Quarters Building</b>	140	\$68,097.53	10-Aug-14	02-Feb-15	20																								
	<b>Civil &amp; Structural Works</b>	67	\$14,502.38	10-Aug-14	02-Nov-14	28																								
	Finishing Works	26	\$28,209.64	02-Nov-14	02-Dec-14	60																								
	Mechanical Works	87	\$0.00	19-Aug-14	04-Dec-14	60																								
	Electrical & Instrumentation Works	128	\$10,347.35	24-Aug-14	02-Feb-15	20																								
	HVAC-Plumping	40	\$15,038.16	19-Nov-14	06-Jan-15	38																								
	<b>Electrical Metering Building</b>	98	\$221,348.07	15-Oct-14	16-Feb-15	10																								
	<b>Civil &amp; Structural Works</b>	75	\$28,422.19	15-Oct-14	14-Jan-15	12																								
	Finishing Works	16	\$30,080.59	14-Jan-15	07-Feb-15	12																								
	Electrical & Instrumentation Works	89	\$148,861.98	20-Oct-14	09-Feb-15	10																								
	HVAC-Plumping	5	\$13,983.31	09-Feb-15	16-Feb-15	10																								
	<b>Pads &amp; Slabs</b>	128	\$93,228.20	20-Jul-14	29-Dec-14	44																								
	<b>Civil &amp; Structural Works</b>	43	\$3,770.42	20-Jul-14	15-Sep-14	114																								
	Electrical & Instrumentation Works	105	\$56,910.42	14-Aug-14	21-Dec-14	51																								
	Mechanical Works	21	\$32,547.36	04-Dec-14	29-Dec-14	44																								
	<b>Well Systems</b>	199	\$981,993.63	29-May-14	10-Feb-15	0																								
	Wellhead and Pad (Structural)	47	\$29,208.39	29-May-14	04-Aug-14	131																								
	Mechanical	31	\$870,032.67	04-Dec-14	13-Jan-15	0																								
	Electrical & Instrumentation Works	20	\$82,752.57	13-Jan-15	10-Feb-15	0																								
	<b>Yard Works &amp; Site Electrical Power</b>	113	\$315,279.45	28-Sep-14	22-Feb-15	5																								
	External & Finishing Works	95	\$122,034.16	28-Sep-14	28-Jan-15	23																								
	Mechanical Works	24	\$92,171.53	12-Oct-14	09-Nov-14	54																								
	Electrical & Instrumentation Works	113	\$101,073.76	28-Sep-14	22-Feb-15	5																								
	<b>Flow Control Valve for Mirka Existing Balance Tank &amp; Arraba Existing RSV</b>	20	\$35,043.02	12-Oct-14	04-Nov-14	71																								
	<b>General Requirements &amp; Demobilization Summary for P1</b>	32	\$366,644.40	17-Mar-15	23-Apr-15	0																								
	<b>Project 2 Sanur Well Pump Stations Rehabilitation &amp; Infrastructure Improvements</b>	391	\$7,011,251.35	24-Oct-13	23-Apr-15	0																								
	<b>Mobilization for P2</b>	24	\$267,095.28	24-Oct-13	20-Nov-13	0																								
	<b>P2 - Sanur Well Pump Station Rehabilitation</b>	39	\$401,431.32	10-Feb-14	21-Mar-14	0																								

- ( New Bar )
- Critical Remaining Work
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### Roll Up Schedule

Date	Revision	Checked	Approved
01-Dec-13	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.-lv...	Naim Mani-Prog Direc...

Activity ID	Activity Name	Original Duration	Budgeted Total Cost	Early Start	Early Finish	Total Float	Qtr 4, 2013	Qtr 1, 2014	Qtr 2, 2014	Qtr 3, 2014	Qtr 4, 2014	Qtr 1, 2015	Qtr 2, 2015	Qtr 3, 2015														
							N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug
	<b>RIG Mob.&amp;Site Preparation, Preparing and Drainage to Natural Valey</b>	3	\$0.00	10-Feb-14	13-Feb-14	0																						
	Removal of Existing Well Pump	7	\$9,657.53	14-Feb-14	20-Feb-14	0																						
	Well Development,Logging and Water Sampling	14	\$66,300.18	21-Feb-14	06-Mar-14	0																						
	Well Yield Testing, Logging per Specification	13	\$325,473.61	07-Mar-14	19-Mar-14	0																						
	Restorination & RIG.Demobilization	2	\$0.00	20-Mar-14	21-Mar-14	0																						
	<b>P2: Sanur Well Pump Station Infrastructure Improvement</b>	339	\$5,971,372.91	26-Dec-13	04-Mar-15	14																						
	Demolishing,Site Development,Apply Safety Measurments&Site Preparation	13	\$48,785.48	26-Dec-13	14-Jan-14	46																						
	<b>Construction of New Pump Station</b>	311	\$5,897,477.87	06-Feb-14	04-Mar-15	14																						
	<b>Balance Tank 1000 m3</b>	311	\$691,646.79	06-Feb-14	04-Mar-15	0																						
	Civil & Structural Works	222	\$368,152.15	06-Feb-14	12-Nov-14	37																						
	Finishing Works	87	\$73,845.47	26-Aug-14	11-Dec-14	44																						
	<b>Metal Fabricated Works</b>	5	\$30,193.46	06-Dec-14	11-Dec-14	44																						
	Mechanical Works	89	\$132,600.36	31-Aug-14	18-Dec-14	44																						
	Electrical & Instrumentation Works	195	\$117,048.81	24-Apr-14	27-Dec-14	37																						
	Test Water Tightness For Reservoir	14	\$0.00	17-Feb-15	04-Mar-15	0																						
	<b>Booster Pump System</b>	145	\$1,937,301.07	24-Jun-14	28-Dec-14	54																						
	Civil & Structural Works	31	\$23,828.36	24-Jun-14	11-Aug-14	16																						
	Steel Structure & Metal Works	40	\$41,928.96	11-Aug-14	27-Sep-14	35																						
	Mechanical Works	114	\$1,704,629.46	11-Aug-14	28-Dec-14	1																						
	Electrical & Instrumentation Works	78	\$130,629.59	13-Jul-14	26-Oct-14	82																						
	Coatings & Finishing Works	14	\$36,284.70	30-Sep-14	22-Oct-14	111																						
	<b>Septic &amp; Seepage Tank</b>	78	\$11,575.13	09-Apr-14	14-Jul-14	166																						
	Civil & Structural Works	78	\$5,918.58	09-Apr-14	14-Jul-14	119																						
	Finishing Works	7	\$1,103.72	24-Jun-14	02-Jul-14	119																						
	Plumbing Works	8	\$4,552.83	01-Jul-14	14-Jul-14	166																						
	<b>Electrical &amp; Control Building</b>	186	\$952,696.59	25-May-14	19-Jan-15	30																						
	Civil & Structural Works	78	\$55,726.53	25-May-14	04-Sep-14	83																						
	Finishing Works	45	\$45,704.94	04-Sep-14	01-Nov-14	69																						
	Mechanical Works	56	\$0.00	09-Sep-14	18-Nov-14	69																						
	Electrical & Instrumentation Works	178	\$802,977.50	03-Jun-14	19-Jan-15	30																						
	HVAC-Plumping	10	\$48,287.62	04-Dec-14	16-Dec-14	55																						
	<b>Chlorination &amp; Storage Building</b>	200	\$332,428.41	28-May-14	11-Feb-15	13																						
	Civil & Structural Works	73	\$50,196.48	28-May-14	02-Sep-14	109																						
	Finishing Works	21	\$35,712.14	02-Sep-14	27-Sep-14	109																						
	Mechanical Works	70	\$74,940.07	01-Jul-14	02-Oct-14	109																						
	Electrical & Instrumentation Works	193	\$119,153.17	05-Jun-14	11-Feb-15	13																						
	HVAC-Plumping	5	\$52,426.55	04-Dec-14	10-Dec-14	60																						
	<b>Living Quarters Building</b>	125	\$68,097.53	03-Aug-14	03-Jan-15	50																						
	Civil & Structural Works	70	\$14,502.38	03-Aug-14	29-Oct-14	50																						
	Finishing Works	26	\$28,209.64	29-Oct-14	29-Nov-14	63																						
	Mechanical Works	90	\$4,828.76	12-Aug-14	01-Dec-14	63																						
	Electrical & Instrumentation Works	66	\$10,347.35	17-Aug-14	08-Nov-14	88																						
	HVAC-Plumping	40	\$10,209.40	16-Nov-14	03-Jan-15	50																						
	<b>Electrical Metering Building</b>	97	\$207,509.66	12-Oct-14	10-Feb-15	14																						
	Civil & Structural Works	76	\$28,422.19	12-Oct-14	12-Jan-15	14																						
	Finishing Works	16	\$30,080.59	12-Jan-15	03-Feb-15	14																						
	Electrical & Instrumentation Works	82	\$135,023.57	16-Oct-14	26-Jan-15	20																						
	HVAC-Plumping	5	\$13,983.31	03-Feb-15	10-Feb-15	14																						
	<b>Pads &amp; Slabs</b>	127	\$286,937.19	24-Jul-14	31-Dec-14	42																						
	Civil & Structural Works	39	\$8,026.31	24-Jul-14	14-Sep-14	108																						
	Electrical & Instrumentation Works	100	\$56,656.52	20-Aug-14	21-Dec-14	42																						
	Mechanical Works	88	\$220,598.78	14-Sep-14	31-Dec-14	42																						
	Finishing Works	2	\$1,655.58	21-Dec-14	23-Dec-14	42																						
	<b>Well Systems</b>	199	\$1,032,304.60	02-Jun-14	16-Feb-15	1																						
	Wellhead and Pad (Structural)	47	\$29,404.16	02-Jun-14	07-Aug-14	133																						
	Mechanical	35	\$929,213.53	04-Dec-14	19-Jan-15	1																						
	Electrical & Instrumentation Works	20	\$73,686.91	19-Jan-15	16-Feb-15	1																						
	<b>Yard Works,Widening&amp;Upgrading of Existing Main Road Entrance &amp; Site Electrical Power</b>	112	\$376,980.90	06-Sep-14	26-Jan-15	44																						
	External & Finishing Works	112	\$195,089.07	06-Sep-14	26-Jan-15	44																						
	Mechanical Works	24	\$88,322.28	14-Sep-14	18-Oct-14	63																						

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### Roll Up Schedule

Date	Revision	Checked	Approved
01-Dec-13	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.-lv...	Naim Mani-Prog Direc...

Activity ID	Activity Name	Original Duration	Budgeted Total Cost	Early Start	Early Finish	Total Float	Qtr 4, 2013		Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014			Qtr 1, 2015			Qtr 2, 2015			Qtr 3, 2015	
							N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug
	<b>Electrical &amp; Instrumentation Works</b>	74	\$93,569.55	06-Sep-14	07-Dec-14	63																						
	Flow Control Valve for Jaba Existing Balance Tank&Kafr Rai Existing PS Balance Tank	20	\$25,109.56	14-Sep-14	13-Oct-14	90																						
	General Requirements & Demobilization Summary for P2	32	\$371,351.84	17-Mar-15	23-Apr-15	0																						
	<b>Project 3 Saadeh Well Pump Station Rehabilitation</b>	84	\$493,634.98	24-Oct-13	18-Feb-14	0																						
	<b>P3 - Saadeh Well Pump Station Rehabilitation</b>	84	\$493,634.98	24-Oct-13	18-Feb-14	0																						
	Mobilization for P2	24	\$18,805.14	24-Oct-13	20-Nov-13	0																						
	RIG. Mob.&Site Preparation, Preparing Treatment Pit and Drainage to Natural Valley	3	\$0.00	05-Dec-13	07-Dec-13	0																						
	Video Logging (Equipment Location)	2	\$0.00	08-Dec-13	09-Dec-13	0																						
	Equipment Removal (Fishing)	12	\$216,982.41	10-Dec-13	27-Dec-13	0																						
	Acidization	10	\$66,300.18	28-Dec-13	07-Jan-14	0																						
	Well Development (Surging&Airlifting)	10	\$66,300.18	09-Jan-14	19-Jan-14	0																						
	Well Yield Testing,Logging & Water Well Sampling	10	\$120,545.78	20-Jan-14	31-Jan-14	0																						
	Restoration & Rig Demobilization	2	\$0.00	08-Feb-14	09-Feb-14	0																						
	Demobilization,Close Out&Handing Over for P3	7	\$4,701.29	10-Feb-14	18-Feb-14	0																						
	Design Review After Well Development Results	120	\$0.00	22-Mar-14	19-Jul-14	0																						
	<b>(O&amp;M),Inspection,Commissioning,Start Up &amp; Training</b>	280	\$0.00	15-Apr-14	04-Apr-15	0																						
	Initial Operation & Manufacturer Technical Manual Submittals (O&M)	164	\$0.00	15-Apr-14	11-Nov-14	16																						
	Approval - Final Operation & Manufacturer Technical Manual Submittals (O&M)	152	\$0.00	29-May-14	11-Dec-14	59																						
	Certificate of Proper Installation for Installed Equipments&Installation (Pre Commissioning)	15	\$0.00	28-Feb-15	17-Mar-15	0																						
	Training Phase	15	\$0.00	17-Mar-15	04-Apr-15	0																						
	Comissioning & Start Up Phase for All System	15	\$0.00	17-Mar-15	04-Apr-15	0																						
	Demobilization,Close Out&Handing Over	17	\$0.00	04-Apr-15	23-Apr-15	0																						

- ( New Bar )
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- Remaining Work
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### Roll Up Schedule

Date	Revision	Checked	Approved
01-Dec-13	Sr.Planning Eng.M. AbuSha...	CM/Deputy Prog.-lv...	Naim Mani-Prog Direc...



## **SDW 22.2 “S” Curve**



INTERNATIONAL RELIEF AND DEVELOPMENT, IRD  
 USAID-INFRASTRUCTURE NEEDS PROGRAM (INP)

**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**

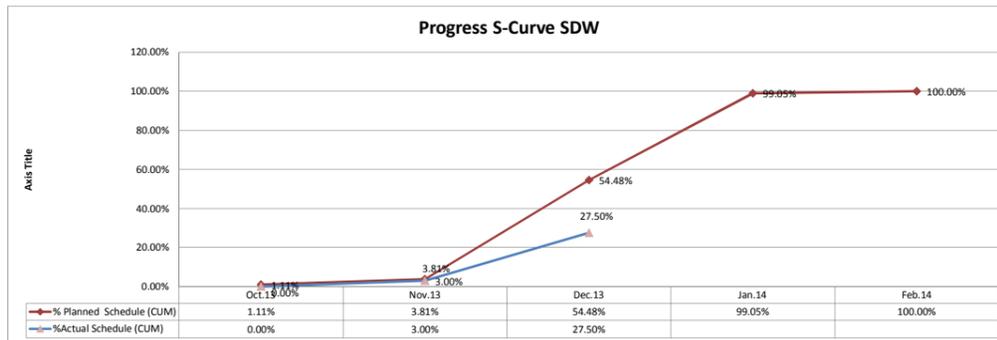
	USD
Total Contract Value Less Day Work:	\$493,634.98
NTP (Notice to Proceed)	23-Oct-13
Duration of Contract:	120 CD
Completion Date:	19-Feb-14
Data Date:	

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

	USD
Revised 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

**PROGRESS S-CURVE & CASH FLOW SCHEDULE**

	Oct.13	Nov.13	Dec.13	Jan.14	Feb.14	TOTAL
Planned Schedule Value	\$5,484.83	\$13,320.31	\$250,132.50	\$219,996.05	\$4,701.29	\$493,634.98
Planned Schedule Value (CUM)	\$5,484.83	\$18,805.14	\$268,937.64	\$488,933.69	\$493,634.98	\$493,634.98
Actual Schedule Value	\$0.00	\$14,809.05	\$120,940.57			
Actual Schedule Value (CUM)	\$0.00	\$14,809.05	\$135,749.62			
% Planned Schedule	1.11%	2.70%	50.67%	44.57%	0.95%	100%
% Planned Schedule (CUM)	1.11%	3.81%	54.48%	99.05%	100.00%	100%
% Actual Schedule	0.00%	3.00%	27.50%			
% Actual Schedule (CUM)	0.00%	3.00%	27.50%			





## **SDW 22.3 Site Memos Log**



**Infrastructure Needs Program II- INP II**

Task Order: AID-294-I-00-13-00018

Project: Wells Rehabilitation Project-WER

**Memoranda from CONTRACTOR to Engineer (CE) Log**

Number	Description/Subject	Date Received	Response Date	Comments
No Site Memos were issued during the current reporting period (December 01 till December 31, 2013)				



**SDW 22.4 Material or Equipment Delivered to Site  
Logo**

## Equipment Log

<b>Task Order:</b>		AID - 294 - TO - 13 - 00018			
<b>Project:</b>		Wells Rehabilitation Project			
<b>Sub-project</b>		Saadeh			
No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle
1	December 10, 2013	Welding machine	1	3	
2	December 23, 2013	Rotary Rig	1	10	
3		JCB back hole	1	8	
4		Air compressor			1
5		Generator set			1
6		Welding machine	2	8	
7		Car-Foed focus 2010	1	8	
8		Car-Kia Fortee-2012	1	8	
9		Mercede-416-2002	1	8	
10		Mitsubishi L200-2007	1	8	

## Equipment Log

<b>Task Order:</b>		AID - 294 - TO - 13 - 00018			
<b>Project:</b>		Wells Rehabilitation Project			
<b>Sub-project</b>		Saadeh			
No.	Date on Site	Description	Quantity in use	Hours	Quantity Idle

There were no materials delivered to ~~GUX~~ site during current reporting period, from December 01 to December 23,2013



## **SDW 22.5 Inspection Requests Log**

**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-18-SDW-01-A	December 16, 2013	December 16, 2013	Project Temporary Signs Sec.(01580)	December 17, 2013	Rejected - Resubmit			
IR-18-SDW-01-B	December 19, 2013	December 21, 2013	Project Temporary Signs Sec.(01580)	December 22, 2013	Amend - Resubmit	December 22, 2013	No Exceptions Noted	
IR-18-SDW-02-A	December 19, 2013	December 21, 2013	Inspecting Al-Saadch site preparation prior to starting fishing process.	December 22, 2013	No Exceptions Noted			



## **SDW 22.6 Submittals Log**

Submittal Categories		Submittal Classification		Identifiers:			Preconstruction		Construction		Post construction		Submittal Alpha Identifier		Submittal Disposition/ Color Coding			
PD	PRODUCT DATA	PCS	Preconstruction	WER Wells Rehabilitation Project			First Submittal SUB-18-WER-001-A		First RE-Submittal SUB-18-WER-001-B		Second Resubmittal SUB-18-WER-001-C				A - No Exceptions Noted			
SD	SHOP DRAWINGS	CONS	Construction	ARW : Project 1 Identifier											B - Make Corrections Noted			
AD	ADMINISTRATIVE/OTHER	PSTS	Post construction	SNW : Project 2 Identifier											C - Amend and Resubmit			
TR	TEST REPORT			SDW : Project 3 Identifier											D - Rejected- Resubmit			
SCH	SCHEDULE														E - Review Not Required			
RPT	REPORT														Submitted Pending Response			
SMP	SAMPLE																	
CO	COMPLETION & CLOSEOUT																	
MAT	MATERIAL																	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
Submittal Number	Submittal Description	Specification Number	Submittal Category	Submittal Classification	Submittal Type	Project Identifier	Schedule Activity ID	BOQ Item No.	Rev.	Contractual Submission Date	Actual Submission Date from Subcontractor	Actual Submission Date	Submission Delay	Response Needed by (Max. 30 days)	Date Returned to IRD	Total Engineer Response Time	Submittal Disposition (Grade)	Remarks
SUB-00018-WER-004-B	Submittals Schedule	01300, P1.1D	AD	PCS	SUB	WER		MOB	B		From main contractor directly	December 16, 2013		January 15, 2014	December 26, 2013	10	B	
SUB-00018-WER-010-B	General construction method statement	Contractor's Manual-Sec. 4-4.1/14	AD	PCS	SUB	WER	-	MOB	B		December 3, 2013	December 3, 2013		January 2, 2014	December 18, 2013	15	B	
SUB-00018-WER-023-B	Risk Management Plan	contractor's manual-sec. 4.1/17	AD	PCS	SUB	WER		MOB	B		December 16, 2013	December 16, 2013		January 15, 2014	December 22, 2013	6	B	
SUB-00018-WER-028-B	Well development work plan	Specs. 02625	AD	PCS	SUB	WER		MOB	B		December 3, 2013	December 3, 2013		January 2, 2014	December 18, 2013	15	B	
SUB-00018-WER-031-B	Temporary signs sample	1580	AD	PCS	SUB	WER		MOB	B		December 1, 2013	December 1, 2013		December 31, 2013	December 3, 2013	2	B	
SUB-00018-SNW-034-A	Shop drawing for existing surveying (Sanur)	1040	AD	PCS	SUB	SNW		MOB	A		December 3, 2013	December 3, 2013		January 2, 2014	December 10, 2013	7	C	
SUB-00018-SNW-034-B	Shop drawing for existing surveying (Sanur)	1040	AD	PCS	SUB	SNW		MOB	B		December 22, 2013	December 22, 2013		January 21, 2014	December 23, 2013	1	A	
SUB-00018-ARW-035-A	Existing surveying level(Arraba)	1040	AD	PCS	SUB	ARW		MOB	A		December 3, 2013	December 3, 2013		January 2, 2014	December 10, 2013	7	C	
SUB-00018-ARW-035-B	Existing surveying level(Arraba)	1040	AD	PCS	SUB	ARW		MOB	B		December 19, 2013	December 22, 2013		January 21, 2014	December 22, 2013	0	B	
SUB-00018-WER-036-A	Well performance test work plan	2636	AD	PCS	SUB	WER		MOB	A			December 9, 2013		January 8, 2014	December 18, 2013	9	B	
SUB-00018-ARW-037-A	Arraba dumping area	contractor's manual-sec. 4.1/19 & Specs.1560	AD	PCS	SUB	ARW		MOB	A		December 17, 2013	December 17, 2013		December 20, 2013	December 19, 2013	2	A	
SUB-00018-SDW-038-A	The safety plan for working at night for Saadeh well	contractor's manual -sec.4.1/12 & specs.sec.01040,01520,01550, 01560,01640 and 01505	AD	PCS	SUB	SDW		MOB	A		From main contractor directly	December 24, 2013		December 27, 2013				
SUB-00018-WER-039-A	Arraba & Sanur chain link facing (Temporary fencing)	Section 01505/Paragraph 1.1 (F-6)	AD	PCS	SUB	WER		MOB	A		December 28, 2013	December 30, 2013		January 2, 2014				
SUB-00018-WER-040-A	Storage yard	Section 01550/Paragraph 1.3(A)	AD	PCS	SUB	WER		MOB	A		December 30, 2013	December 30, 2013		January 2, 2014				



## **SDW 22.7 Requests for Information Log**

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

Request for Information Log

RFI No.	Subject of RFI	BOQ item no.	Specification no.	Drawing no.	Date Submitted to Engineer	Response Date from Engineer	No. of Days for Engineer Response	Status	Engineer Response	Potential Change Order	Status
RFI-18-WER-003-A	Available geophysical logs during construction and the logs from the recent (after construction) activities on Arraba, Sanur and Saadeh wells.		Section 02623,02624,02625		December 4, 2013	December 4, 2013	0	Response	Engineer's response included the following: 1- All available information where provided to the contractor during bidding stage. 2- Contractor to coordinate with PWA to obtain any other information if available. 3- We are not aware of any contract condition that requires the engineer to provide such requested information.		Reviewed
RFI-18-WER-004-A	Clarification from the CMC regarding the shop drawings preparation and submission the civil structures.				December 4, 2013	December 18, 2013	14	Response	Contractor may proceed with all submittals related to the balance tank , booster pump station, living quarters, electrical metering building, civil site work (fence, boundary well ,etc) piping (materials only and layout drawings for buried yard piping), and septic system.		Reviewed
RFI-18-WER-005-A	Wells Casing Sizes , Test Pumps and Dynamic logs .		Section 02623-Geophysical Logging Section 02636- Well Performance Testing		December 8, 2013						Still Pending
RFI-18-WER-006-A	Start fishing without camera logging or airlifting.	1.1.1	Section 02625 and Sub-013-00018-WER-010-B		December 18, 2013	December 19, 2013	1	Response	The contractor decided to deviate from the approved original method statement (SUB-13-00018-SDW-025-B) which stated that the contractor to airlift then video surveys the well before starting fishing process. The contractor decided to fish the equipment before airlifting and video survey. The engineer allows the contractor to proceed at his own risk. Any damage to well is the contractor responsibility.		Reviewed
RFI-18-WER-007-A	The actual discharge location of the disposal pipeline for Saadeh well.	1.1.5	Section 01010A, 3.2		December 19, 2013	December 23, 2013	4	Response	Engineer's response included the following: 1- During the site hand over, the CMC showed the contractor the wadi and culvert just east of the station. Due the ditch condition that is totally buried from the station to the culvert, the contractor decided to cross the street and install a drainage pipe along a dirt road to the north of the station to the wadi. 2- According to Spec.Section 1010-Part 1.1-A, the contractor is to furnish all material, equipment and labor for the fulfillment of the contract. 3- According to Spec.Section 1010A-3.2,supplement,the wadi location is approximately 1.25 km, but also states that the final location of the discharge shall be coordinated and approved by the local municipalities ,engineers and owners. Contractor shall be responsible for any temporary piping, pumping equipments,connection,electrical controls,valves,containers and/or chemicals required for neutralization prior to discharge, and any other items required to discharge water to the approved location.  From the above, the contractor is fully responsible to furnish all labor and material to build the drainage pipe to the wadi at his own risk and expense.		Reviewed



## **SDW 22.8 Variation Order Request and Variation Order Log**



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

Wells Rehabilitation Project-WER

Variation Order /VO Log

VO	Date	Status	Subject	USAID Approval Date	Original Task Order Amount			Previous Task Order Amount			Revised Task Order Amount			Variation Order Change to Day Work	Project	Previous BOQ Amount	BOQ change per this VO	New BOQ	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			Total	Total	Total					

There were no Vos issued during the reporting period

**Variation Order Request /VOR Log**

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

Wells Rehabilitation Project-WER

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 VOR's submitted during current reporting period



## **SDW 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  
**TEMPORARY JOB DAYS REPORT**

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

DATE	Site Staff Job Days **																				Man-days*				
	Worker/Classification (Hours)																			Total Management	Total Engineers	Total Skilled	Total Unskilled	Total Other	
	Management				Engineers				Skilled labor			Unskilled labor		Other											
Task Order Manager	Quality Control Manager	Safety & Envi. Manager	Project Manager #1, #2, etc..	Document Control Engineer	Civil Engineer	Office Engineer	Quality Control Engineer	Site Engineer	Superintendent	Skilled Labor	Equipment Operator	Flagman	Unskilled Labor	Welder	Welder Assistant	Electrician	Guard	Geological	Supervisor						
December 1, 2013		2	2	10						4											1.75	0	0.5	0	0
December 2, 2013		2	2	8																	1.5	0	0	0	0
December 3, 2013		2	2	10				2													1.75	0.25	0	0	0
December 4, 2013		3	3	10				2													2	0.25	0	0	0
December 5, 2013		3	3	10				2													2	0.25	0	0	0
December 6, 2013	Holiday																			0	0	0	0	0	
December 7, 2013		2	2	10				2					40								1.75	0.25	0	5	0
December 8, 2013		2	2	11				3					40								1.875	0.375	0	5	0
December 9, 2013		2	2	10				2													1.75	0.25	0	0	0
December 10, 2013		3	4	10				3					9								2.125	0.375	0	1.125	0
December 11, 2013			2																		0.25	0	0	0	0
December 12, 2013																					0	0	0	0	0
December 13, 2013	Holiday																			0	0	0	0	0	
December 14, 2013																					0	0	0	0	0
December 15, 2013													10								0	0	0	1.25	0
December 16, 2013		2	2	8																	1.5	0	0	0	0
December 17, 2013		2	2	8									48								1.5	0	0	6	0
December 18, 2013		2	2	8						24			8								1.5	0	3	1	0
December 19, 2013	2	2	2	10				2		24			24								2	0.25	3	3	0
December 20, 2013	Holiday																			0	0	0	0	0	
December 21, 2013	2	2	2	10				2		9			6								2	0.25	1.125	0.75	0
December 22, 2013	2	2	2	10				2		32			32								2	0.25	4	4	0
December 23, 2013	2	2	2	10						10	50	8		8	8	5	12	10	10		2	0	8.5	0	6.625
December 24, 2013	2	2	2	10	4	2	2	8	10		16		50	8	8		20	10	10		2	2	3.25	6.25	7
December 25, 2013	2	2	2	16	4	2	2	8	10		8		50	8	8		20	10	10		2.75	2	2.25	6.25	7
December 26, 2013	2	2	2	10	4	2	2	8	10		16		60	8	8		20	10	10		2	2	3.25	7.5	7
December 27, 2013								8	8		16		70	8	8		20	8	10		0	1	3	8.75	6.75
December 28, 2013	2	2	2	18	4	2	2	8	10		8		60	8	8		20	10	10		3	2	2.25	7.5	7
December 29, 2013	2	2	2	12	4	2	2	8	10		8		60	8	8		20	10	10		2.25	2	2.25	7.5	7
December 30, 2013	2	2	2	10	4	2	2	8	10		8		60	8	8		20	10	10		2	2	2.25	7.5	7
December 31, 2013	2	2	2	10	4	2	2	8	10	40			30				20	10	10		2	2	6.25	3.75	5
<b>Total of Month</b>	<b>22</b>	<b>49</b>	<b>52</b>	<b>239</b>	<b>28</b>	<b>14</b>	<b>14</b>	<b>22</b>	<b>64</b>	<b>92</b>	<b>179</b>	<b>88</b>	<b>0</b>	<b>657</b>	<b>64</b>	<b>64</b>	<b>5</b>	<b>172</b>	<b>88</b>	<b>90</b>	<b>45.25</b>	<b>17.75</b>	<b>44.88</b>	<b>82.13</b>	<b>60.38</b>

**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**  
**Temporay Job Days Summary Report**

Task Order Name: Wells Rehabilitation Project-WER  
 Sub-project or Activity Name: Project 3-SDW Saadeh Well Rehabilitation  
 CONTRACTOR: IRD

PERIOD FROM: Oct-23-2013 (NTP)

PERIOD TO:

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Notes of Comments
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other			
October	2013	0	0	0	0	0	0	0	
November	2013	37	0	7	9	2	55	2	
December	2013	45	18	45	82	60	250	11	
January	2014						0	0	
February	2014						0	0	
March	2014						0	0	
April	2014						0	0	
May	2014						0	0	
June	2014						0	0	
July	2014						0	0	
August	2014						0	0	
September	2014						0	0	
<b>Total of FY 2014</b>							<b>305</b>	<b>12.80987395</b>	
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	
<b>Total of FY 2015</b>							<b>0</b>	<b>0</b>	



## **SDW 22.10 Risk Register Log**

RISK IDENTIFICATION							RISK ASSESSMENT					RISK RESPONSE			MONITORING & CONTROLLING	
REF	CATEGORY	RISK	RISK CAUSE	IMPACT/CONSEQUENCE	RAISED BY	DATE RAISED	PROBLTY.	IMPACT	RISK RATING	COST IMPACT	SCHEDULE IMPACT	RESPONSE STRATEGY	RESPONSE PLAN	RISK OWNER	STATUS	NOTES
No risks encountered during the reporting period																