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Infrastructure Needs Program II (INP II)

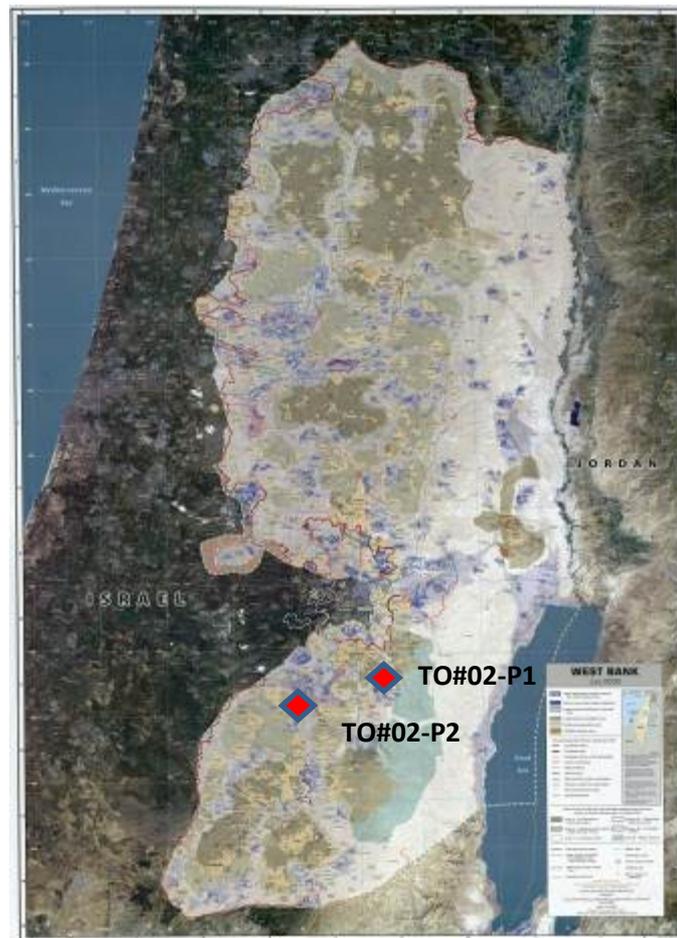
CONSTRUCTION MONTHLY PROGRESS REPORT Month of November, 2012

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

Task Order Contract No.: AID - 294 - TO - 12 - 00002

Project No. 1 : Well #17 Pump Station and Conveyance System

Project No. 2 : Jaba' Nuba Main Transmission Pipeline



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



December 4, 2012



Infrastructure Needs Program II (INP II)

Construction Monthly Progress Report Month of November, 2012

TO No. 2

Project 1: Well #17 Pump Station and Conveyance Ssystem

Prime Contractor:

International Relief and Development, Inc. (IRD)

Subcontractor:

Al Abassi General Contractors Company Ltd.

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1. Public Relation and Outreach

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

- Taking photos that show the activities at the project site;
- Obtaining approval for the project flyers and printing copies for public distribution.

2. Safety and Environmental Status

During the month of November 2012, the Safety Plan, the Traffic Control Plan, Trenching Safety Plan and the Environmental Monitoring and Mitigation plan were re-submitted to the CMC and approved.

Safety Tool box meeting:

IRD Safety and Environmental Compliance Officers held the first tool box meeting prior start excavation onsite at Well#17.

Traffic Management:

As mentioned in the previous monthly progress report, the traffic management plan was studied and proposed with one lane maintained opened to facilitate public traffic movement with the necessary and required installation of directional signs and the presence of flagmen at all times during construction work.

Given the nature of the existing road, detours will be provided to reroute traffic with the presence of flagmen and necessary traffic and directional signs as per the traffic control plan. However, for the Segment from St. 1+800 to St. 2+550, since this construction zone is considered a narrow road with lack of detours, therefore, IRD is proposing that construction work for this segment to be carried out during night shifts with emergency access for residents, and all necessary traffic and safety requirements implemented.

Implementation of the approved Traffic control plan and the traffic management will start as soon as we received approval of the submitted shop drawings for the road section from St. 0+000 to St. 1+775.

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

Particulars	Current Month
First Aid Cases	0
Lost Time Cases	0

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.

Notice of Unsafe Condition:

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

Safety Conclusion

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

3. Security Coordination

IRD security coordinator organized several meetings with Bethlehem 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	Attendees	Purpose
5-Nov-12 7-Nov-12	1. Jafar Salhab, IRD Security Coordinator 2. Bet El Projects Commander	Coordinating with Bet El regarding the release of the subcontractor's confiscated caravan.
8-Nov-12	1. Jafar Salhab, IRD Security Coordinator 2. Bet El Projects Commander	Sending coordination request to Bet El to move the caravan from Tammoun to Bethlehem
11-Nov-12	1. Jafar Salhab, IRD Security Coordinator 2. Bethlehem DCL Commander	Meeting with Bethlehem DCL
13-Nov-12	1. Jafar Salhab, IRD Security Coordinator 2. Bet El Projects Commander	Receiving the coordination letter from Bet El to move the caravan from Tammoun to Bethlehem
14-Nov-12	1. Jafar Salhab, IRD Security Coordinator 2. Ramallah DCL Commander	Meeting at Ramallah DCL to provide general update regarding progress of IRD projects
25-Nov-12	1. Jafar Salhab, IRD Security Coordinator 2. Jerusalem DCL Commander	Meeting at Bet El DCL to provide general update regarding progress of IRD projects

Table 3.1-W17-Security Coordination Summary

4. Material or Equipment Delivered to Site

During the current reporting period the following material and equipment were delivered to the project site.

Equipment on Site					
No.	Date	Description	Quantity in use	Hours (ea)	Quantity Idle
1.	1-Nov-12	Grader	1	6	0
2.		Steel Roller	1	6	0
3.		Truck	1	6	0
4.		Water Truck	1	6	0
5.	3-Nov-12	Steel Roller	1	4	0
6.	4-Nov-12	Grader	1	4	0
7.		Forklift	1	2	0
8.	5-Nov-12	Trailers	1	4	0
9.		Forklift	1	3	0
10.	6-Nov-12	JCB	1	3	0
11.		Forklift	1	5	0
12.		Survey Equipment	1	1	0

Equipment on Site					
No.	Date	Description	Quantity in use	Hours (ea)	Quantity Idle
13.	7-Nov-12	Welding Machine	1	8	0
14.		Welding Machine	1	8	0
15.	8-Nov-12	JCB	1	3	0
16.		Survey Equipment	1	3	0
17.	10-Nov-12	JCB	1	2	0
18.	13-Nov-12	Mitsubishi Magnum 4X4	1	8	0
19.		JCB backhoe	1	8	0
20.		Dump Truck	2	8	0
21.		Excavator CAT	1	8	0
22.		Bulldozer	1	8	0
23.	14-Nov-12	Mitsubishi Magnum 4X4	1	8	0
24.		JCB backhoe	2	8	0
25.		Dump Truck	2	8	0
26.		Excavator CAT	1	8	0
27.	15-Nov-12	Mitsubishi Magnum 4X4	1	8	0
28.		JCB backhoe	2	8	0
29.		Dump Truck	3	8	0
30.		Excavator CAT	1	8	0
31.		Bulldozer	1	8	0
32.	17-Nov-12	Mitsubishi Magnum 4X4	1	8	0
33.		JCB backhoe	2	8	0
34.		Dump Truck	2	8	0
35.		Excavator CAT	1	8	0
36.		Bulldozer	2	8	0
37.		Survey Equipment	1	8	0
38.	18-Nov-12	Mitsubishi Magnum 4X4	1	8	0
39.		JCB backhoe	2	8	0
40.		Dump Truck	1	8	0
41.		Excavator CAT	1	8	0
42.		Bulldozer	0	0	1
43.		Survey Equipment	1	8	0
44.	19-Nov-12	Mitsubishi Magnum 4X4	1	8	0
45.		Dump Truck	0	0	1
46.		Excavator CAT	0	0	1
47.		Bulldozer	0	0	1
48.		Survey Equipment	0	0	1
49.	20-Nov-12	Mitsubishi Magnum 4X4	1	8	0
50.		Dump Truck	0	0	1
51.		Excavator CAT	0	0	1
52.		Bulldozer	0	0	1
53.		Survey Equipment	0	0	1
54.	21-Nov-12	Mitsubishi Magnum 4X4	1	8	0
55.		Dump Truck	0	0	1
56.		Excavator CAT	0	0	1
57.		Bulldozer	0	0	1
58.		Survey Equipment	0	0	1
59.	22-Nov-12	Mitsubishi Magnum 4X4	1	8	0
60.		Dump Truck	0	0	1
61.		Excavator CAT	0	0	1
62.		Bulldozer	0	0	1
63.		Survey Equipment	0	0	1
64.	24-Nov-12	Mitsubishi Magnum 4X4	1	8	0
65.		Generator	1	10	0
66.		JCB	0	0	2
67.		Excavator CAT	0	0	1
68.		Water Tank	1	4	0
69.		Survey Equipment	0	0	1
70.	25-Nov-12	Mitsubishi Magnum 4X4	1	8	0
71.		Generator	1	10	0
72.		JCB	1	1	1

Equipment on Site					
No.	Date	Description	Quantity in use	Hours (ea)	Quantity Idle
73.		Excavator CAT	0	0	1
74.		Water Tank	1	2	0
75.		Survey Equipment	0	0	1
76.		Bulldozer	0	0	1
77.	26-Nov-12	Dump Truck	1		1
78.		Generator	1	10	0
79.		JCB	0	0	2
80.		Excavator CAT	0	0	1
81.		Water Tank	1	4	0
82.		Survey Equipment	0	0	1

Table 4.1-W17-Equipment on Site

Material Delivered to Site					
No.	Date	Item	Description	QTY	Location
No materials were delivered to the project site during the current reporting period					

Table 4.2-W17- Material Delivered to Site

5. Progress and Scheduling

The following table provides a summary of the project progress status

Item	Percentage
Planned percentage complete	4.2%
Actual percentage complete	4.2%
Elapsed Time	11.1 %

Table 5.1-W17-Progress Summary Table

Project Overall Status: The Project is currently on track, no mitigation actions are needed

For further details regarding the project progress please see Attachment W 17 19.1-Updated Schedule Roll up and One Month Look Ahead.

Submittal Status

During the current reporting period a total of 34 submittals (including resubmittals) were submitted for this project; 29 submittals were submitted for Project 1, and 5 submittals were submitted for the Task Order. Review comments were received for 22 submittals, out of which 17 reviewed submittals were received for submittals submitted within the current reporting period, while 5 reviewed submittals were received for submittals submitted within the previous reporting period. The following table and graph provide a summary of the submittals disposition status.

Total	Submittal Disposition
1	A – No Exceptions Noted
13	B - Make Corrections Noted
5	C- Amend and Resubmit
1	D- Rejected- Resubmit
2	E- Review Not Required
22	Total Submittals Reviewed

Table 5.2-W17-Submittal Disposition

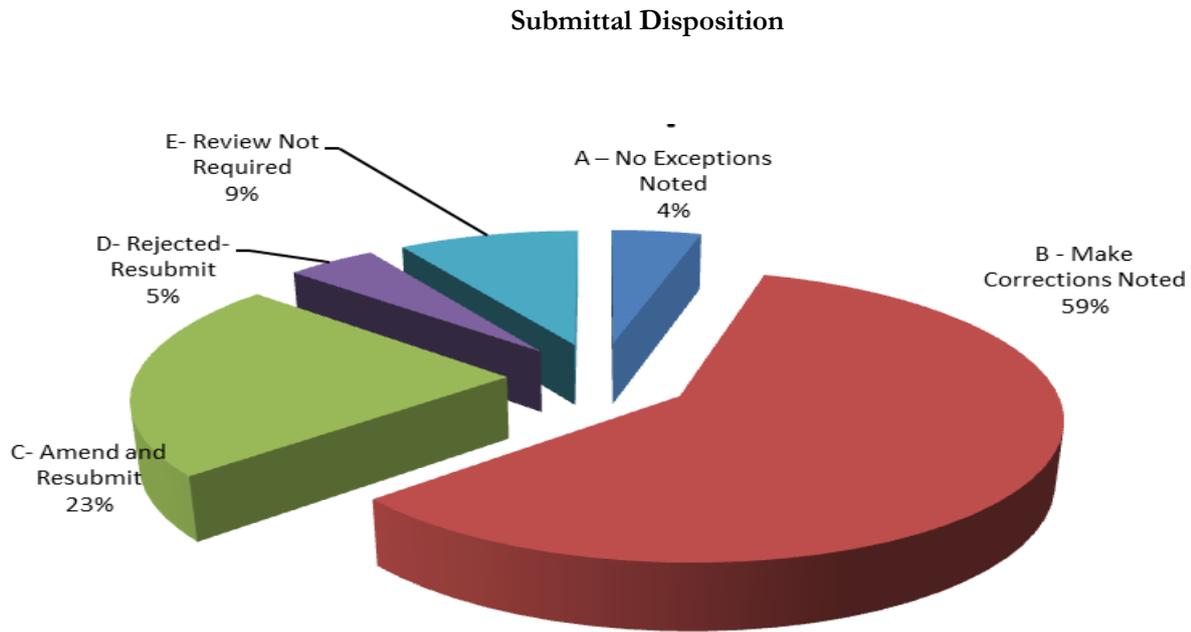


Figure 5.1-W17-Submittals Deposition

For further details please see attachment W17 19.5- Submittal Log

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

The following was achieved during the current reporting period:

- Completing mobilization as per SECTION 01505 of program specifications- Volume 1 and obtaining the approval of the Engineer on November 11, 2012.
- Preparation of various types of construction submittals and submitting to the CMC review/comments.
- Completed first stage of site grading and preparation up to level of 462.40 inside the yard of Well 17 pump station on November 18, 2012, noting that excavation activity started on November 13, 2012.
- Retaining walls shop drawings for the northern and the western sides of Well 17 yard submitted to the Engineer on November 22 and November 27, 2012, respectively.
- Shop drawings for the road leading to Well 17 between stations 0+020 and 1+775 were prepared and submitted on November 28, 2012.

The following are the main activities planned for next month

- Submitting shop drawings for structural excavation work in the pump station yard according to Well 17 revised site plan.
- Submitting shop drawings for various segments along the route of the conveyance system.
- Construction works on the existing earth road leading to Well 17 up to the subgrade levels between stations 0+020 and 1+1775
- Structural excavation activities for the facilities inside the pump station yard including the Balance Tank. Possibility of concrete works for the base slab of the balancing tank.
- Preparations of shop drawings for the retaining walls according to Well 17 revised site plan, excavation for the retaining walls in addition to concrete work.
- Submission of the main material and long lead equipment submittals (pumps, pipes, valves, electrical equipment)
- Submitting construction submittals as per latest approved schedule of work.
- Provision of a 25 cm thick layer of base course material under the base slab of the balancing tank and then a layer of 40 cm thick rubble concrete.

7. Updated Schedule

IRD has completed all activities associated with the mobilization phase, as well as the first stage of site grading and preparation up to level of 462.40 inside the yard of Well 17 pump station, IRD has also commenced submitting various types of construction submittals. For further details please see Attachment W17 19.1- Updated Schedule Roll-up and One Month Look Ahead.

8. Site Memo

One site memo was issued for this project during the current reporting period. For further details regarding the issued site memo please see Attachment W 17 19.3- Site Memo Log.

9. Inspection Request

During the current reporting period three inspection requests were submitted to the Engineer. For further details please see Attachment W 17 19.4- Inspection Request Log.

10. Test Reports

During the current reporting period one test was conducted for reinforcement steel strength, the results showed that the strength of the steel bars meet requirements.

The following table and graph provide a summary of the test report status.

Type of Material Test	No. of Tests Passed	No. of Tests Failed	No. of Tests (Results Not Received)	Total No. of Tests Conducted
Reinforcement Steel Strength	1	0	0	1
Total	1	0	0	1

Table 10.1-W17-Test Report Summary

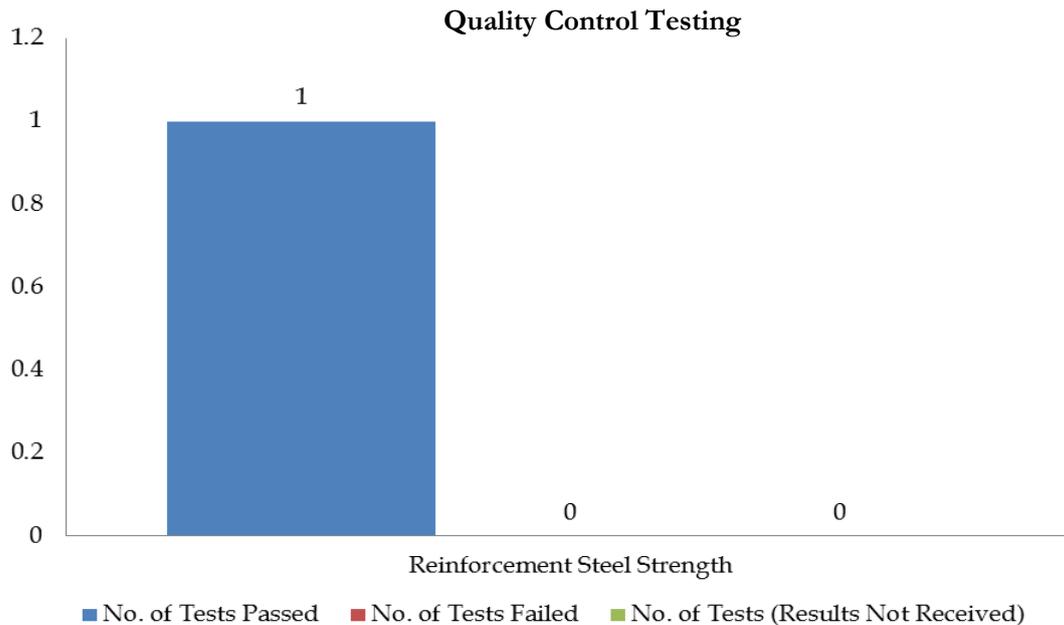


Figure 10.1-W17- Quality Control Testing

11. Request for Information

During the current reporting period six Requests for Information (RFI) were submitted to the Engineer, answers were received for only two of the six submitted RFIs. Additionally, two answers were received for RFIs submitted to the Engineer during the previous reporting period. For further information regarding the submitted RFIs please see Attachment W17 19.6-Request for Information Log.

12. Summary of Payments and Accrued Expenditures

One payment was submitted during the current reporting period; the following table provides a summary of the submitted payment

Payment No.	Period of Performance Quantity		Current Payment Amount	Previous	Cumulative to date	Payment Submission Date	CMC Approval Date	Date Payment Received
	Period From	Period To						
1	27-Sep-12	26-Oct-12	\$ 300,234.69	\$0.00	\$ 300,234.69	13-Nov-12	15-Nov-12	Not Received

Table 12.1-W17-Payment Summary

During the current reporting period IRD accrued a payment in the amount of \$ 342,696.71.

13. Variation Orders and Variation Orders Request

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

14. Operation, Maintenance and Training

This section is not applicable for the current reporting period

15. Summary of Working/Non-Working Days

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

1.	Total Period of Performance (Original)	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 during this month	27 Calendar Days
6.	Accumulated Working Days	48 Calendar Days
7.	Total No. of non-working days(Holidays and weekends) during this month	4 Calendar Days
8.	Accumulated non-working days (Holidays and weekends)	13 Calendar Days
9.	No. of other non-working days (EXPLAIN REASON) during this month	None
10.	Accumulated other non-working days (EXPLAIN REASON)	None

Table 15.1-W17-Summary of Working/ Non-Working Days

16. Project Indicators

16.1. 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.	100 m ³ / hrs. = 2,400 m ³ /day
The average consumption rate of Palestinians (per capita) for Hebron and Bethlehem	$(14629240+8150014)\text{m}^3/365 \text{ day} / (196053+614257)\text{capita} = 0.077 \text{ m}^3/\text{Capita}/\text{Day}$
No. of Beneficiaries	$2,400/0.77=31,1694440/0.077 = 57,662$

Table 16.1-W17-Target Value for Project 1

16.2. Indicator #2: Person days of Employment Generated

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

- Estimated Target Value, 10,418 person days;
- Employment generated previously; 217 person days;
- Employment generated this month; 365 person days;
- Total cumulative employment generated to-date 582 person days.

17. General Comments, Arisen Issues and Problems Encountered

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

Issue	Description	Responsible Party	Remedial Measures/Comments
Omission of items	IRD received Site Memo #001 from the Engineer to delete the following items: 1. Erosion Sediment Control System. 2. Harvesting Cistern.	Client	Changed Well #17 Site layout. New Well #17 Site layout required changed Well #17 Site layout.

Table 17.1-W17-Problems and Issues Summary Table

18. Construction Photos

		
<p>Photo No.1-W17: Start of excavation at the well yard for first stage of yard grading and leveling Photo Date: 13-Nov-2012</p>	<p>Photo No.2-W17: Progress of excavation activity at first day of excavation for site grading and leveling Photo Date 13-Nov-2012</p>	<p>Photo No.3-W17: Conducting first “Safety Tool Box” meeting on site for all relevant parties Photo Date 14-Nov-2012</p>
		
<p>Photo No.4-W17: Completion of first stage of excavation (site grading and preparation) Photo Date 18-Nov-2012</p>	<p>Photo No.5-W17: Completion of first stage of excavation (site grading and preparation) Photo Date 18-Nov-2012</p>	<p>Photo No.6-W17: Well 17 site and the storage yard Photo Date 18-Nov-2012</p>

19. Attachments

- W17 19.1 Updated Schedule-Roll-up and One Month Look Ahead**
- W17 19.2 “S” Curve**
- W17 19.3 Site Memo Log**
- W17 19.4 Inspection Request Log**
- W17 19.5 Submittal Log**
- W17 19.6 Request for Information Log**
- W17 19.7 Variation Request and Variation Order Log**

**W17 19.1 Updated Schedule Roll up and One Month
Look Ahead**

Activity ID	Activity Name	Original Duration	Duration % Complete	Start	Finish	Total Float	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M
Total		398	11.06%	27-Sep-12 A	07-Apr-14	-6																		
AID-294-TO-12-00002 - Well 17 PUMP STATION AND CONVEYANCE SYSTEM		398	11.06%	27-Sep-12 A	07-Apr-14	-6																		
Milestones		398	11.31%	27-Sep-12 A	07-Apr-14	-6																		
General Milestones		398	11.31%	27-Sep-12 A	07-Apr-14	-6																		
Intermediate Milestones		492	21.95%	13-Nov-12 A	24-Mar-14	-8																		
Mobilization		6	100%	23-Oct-12 A	03-Nov-12																			
Submittals		395	10.63%	29-Sep-12 A	06-Apr-14	-5																		
Pre Construction Submittals		48	100%	29-Sep-12 A	28-Nov-12	-2																		
Construction Submittals		264	14.77%	04-Oct-12 A	08-Oct-13	109																		
Material Submittals		120	35.83%	04-Oct-12 A	27-Feb-13	309																		
Civil		120	35.83%	04-Oct-12 A	27-Feb-13	2																		
Mechanical		90	31.11%	22-Oct-12 A	10-Feb-13	324																		
Abroad Manufacturer (Long Lead Items)		52	40.38%	04-Nov-12 A	03-Jan-13	185																		
Local Manufacturer		90	31.11%	22-Oct-12 A	10-Feb-13	324																		
Electrical		62	0%	28-Nov-12	10-Feb-13	323																		
Local Manufacturer		62	0%	28-Nov-12	10-Feb-13	146																		
Abroad Manufacturer (Long Lead Items)		60	0%	01-Dec-12	10-Feb-13	323																		
Shop Drawings		306	13.73%	06-Oct-12 A	08-Oct-13	129																		
Civil		274	15.33%	06-Oct-12 A	01-Sep-13	161																		
Mechanical		194	0%	28-Nov-12	15-Jul-13	199																		
Electrical		261	0%	02-Dec-12	08-Oct-13	121																		
Methods Statement		72	44.44%	13-Oct-12 A	22-Jan-13	278																		
Civil		82	43.9%	13-Oct-12 A	22-Jan-13	247																		
Mechanical		27	0%	17-Dec-12	22-Jan-13	211																		
Electrical		27	0%	17-Dec-12	22-Jan-13	278																		
Post Construction Submittals		5	0%	01-Apr-14	06-Apr-14	-6																		
Procurement		202	3.46%	18-Nov-12 A	28-Aug-13	132																		
Well Pump,Electrical Equipments & Instrumentation,...etc		202	3.46%	18-Nov-12 A	28-Aug-13	132																		
Donation Number Process		45	22.22%	18-Nov-12 A	01-Jan-13	93																		
Material Order & Manufacture		121	0%	02-Jan-13	19-Jun-13	134																		
Electrical Equipment		116	0%	07-Jan-13	17-Jun-13	136																		
Mechanical Equipment		121	0%	02-Jan-13	19-Jun-13	122																		
Material Shipment		102	0%	23-Apr-13	03-Aug-13	187																		
Mechanical Equipment		102	0%	23-Apr-13	03-Aug-13	172																		
Electrical Equipment		91	0%	02-May-13	01-Aug-13	189																		
Ashdod Port/Bridge Clearance		61	0%	03-Jun-13	16-Aug-13	150																		
Mechanical Equipment		61	0%	03-Jun-13	16-Aug-13	139																		
Electrical Equipment		50	0%	16-Jun-13	15-Aug-13	150																		
Transport to Site (Ashdod Port to Site)		60	0%	14-Jun-13	28-Aug-13	149																		
Mechanical Equipment		60	0%	14-Jun-13	28-Aug-13	139																		
Electrical Equipment		47	0%	27-Jun-13	25-Aug-13	151																		
Steel Pipes ,Fittings & Valves		61	0%	04-Jan-13	29-Mar-13	96																		
Material Order & Manufacture		78	0%	04-Jan-13	22-Mar-13	137																		
Valves		78	0%	04-Jan-13	22-Mar-13	100																		
All Needed Pipes,Steel Pipes & Fittings		55	0%	04-Jan-13	27-Feb-13	160																		
Material Delivery		22	0%	28-Feb-13	29-Mar-13	96																		

- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone



AID-294-TO-12-00002 - Well 17 PUMP STATION AND CONVEYANCE SYSTEM

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Activity ID	Activity Name	Original Duration	Duration % Complete	Start	Finish	Total Float	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M
	Valves	7	0%	23-Mar-13	29-Mar-13	100																		
	All Needed Pipes,Steel Pipes & Fittings	6	0%	28-Feb-13	05-Mar-13	160																		
	Construction Material & Equipments	30	0%	03-Mar-13	06-Apr-13	0																		
	WELL PUMP STATION PHASE	335	0%	13-Nov-12 A	24-Mar-14	1																		
	Site Development Works	318	4.4%	13-Nov-12 A	06-Mar-14	6																		
	Retaining Walls	50	28%	13-Nov-12 A	16-Feb-13	112																		
	Civil & Structural Works	50	28%	13-Nov-12 A	16-Feb-13	112																		
	Harvesting Cistern	93	0%	19-Oct-13	26-Feb-14	7																		
	Civil & Structural Works	93	0%	19-Oct-13	26-Feb-14	7																		
	Electrical & Instrumentation Works	30	0%	16-Nov-13	19-Dec-13	59																		
	Plumbing Works	10	0%	05-Nov-13	16-Nov-13	87																		
	Mechanical Works	5	0%	04-Dec-13	10-Dec-13	51																		
	Finishing Works	10	0%	08-Feb-14	18-Feb-14	8																		
	Septic & Seepage Tank	335	0%	03-Feb-13	06-Mar-14	8																		
	Civil & Structural Works	335	0%	03-Feb-13	06-Mar-14	8																		
	Plumbing Works	46	0%	06-Jun-13	29-Jul-13	187																		
	Finishing Works	7	0%	17-Jul-13	24-Jul-13	119																		
	Balance Tank 1000 m3	194	0%	11-Dec-12	28-Jul-13	-7																		
	Civil & Structural Works	140	0%	11-Dec-12	26-May-13	-7																		
	Finishing Works	31	0%	27-May-13	01-Jul-13	-1																		
	Metal Fabricated Works	31	0%	27-May-13	01-Jul-13	-7																		
	Mechanical Works	45	0%	01-Jun-13	22-Jul-13	-7																		
	Electrical & Instrumentation Works	118	0%	28-Feb-13	16-Jul-13	-2																		
	Test Water Tightness For Reservoir	5	0%	23-Jul-13	28-Jul-13	-7																		
	JEDCO Transmission Power Line	60	0%	11-Jan-13	04-Apr-13	156																		
	Electrical & Control Building	284	0%	03-Feb-13	05-Jan-14	59																		
	Civil & Structural Works	106	0%	03-Feb-13	06-Jun-13	132																		
	Finishing Works	77	0%	08-Jun-13	08-Sep-13	140																		
	Mechanical Works	88	0%	12-Jun-13	25-Sep-13	140																		
	Electrical & Instrumentation Works	248	0%	11-Mar-13	29-Dec-13	59																		
	HVAC-Plumping	5	0%	30-Dec-13	05-Jan-14	59																		
	Coatings & Finishing Works	14	0%	25-Jul-13	13-Aug-13	119																		
	Booster Pump System	183	0%	25-Apr-13	30-Nov-13	90																		
	Civil & Structural Works	57	0%	25-Apr-13	01-Jul-13	110																		
	Finishing Works	25	0%	26-Jun-13	24-Jul-13	116																		
	Mechanical Works	122	0%	07-Jul-13	30-Nov-13	90																		
	Electrical & Instrumentation Works	95	0%	20-Jul-13	11-Nov-13	106																		
	Coatings & Finishing Works	14	0%	14-Aug-13	29-Aug-13	119																		
	Chlorination & Storage Building	147	0%	24-Jun-13	15-Dec-13	76																		
	Civil & Structural Works	123	0%	24-Jun-13	17-Nov-13	51																		
	Finishing Works	14	0%	18-Nov-13	03-Dec-13	76																		
	Mechanical Works	106	0%	05-Aug-13	09-Dec-13	76																		
	Electrical & Instrumentation Works	113	0%	01-Aug-13	14-Dec-13	77																		
	HVAC-Plumping	5	0%	10-Dec-13	15-Dec-13	76																		
	Coatings & Finishing Works	14	0%	18-Nov-13	03-Dec-13	51																		
	Living Quarters Building	203	0%	23-Apr-13	19-Dec-13	72																		
	Civil & Structural Works	94	0%	23-Apr-13	14-Aug-13	146																		

- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work
- ◆ Milestone



AID-294-TO-12-00002 - Well 17 PUMP STATION AND CONVEYANCE SYSTEM

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Activity ID	Activity Name	Original Duration	Duration % Complete	Start	Finish	Total Float	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M
	Finishing Works	20	0%	15-Aug-13	07-Sep-13	154																		
	Mechanical Works	18	0%	20-Aug-13	09-Sep-13	154																		
	Electrical & Instrumentation Works	75	0%	02-Jun-13	31-Aug-13	163																		
	HVAC-Plumbing	5	0%	10-Sep-13	15-Sep-13	154																		
	Coatings & Finishing Works	14	0%	04-Dec-13	19-Dec-13	51																		
	Electrical Metering Building	139	0%	24-Jul-13	06-Jan-14	58																		
	Civil & Structural Works	95	0%	24-Jul-13	14-Nov-13	81																		
	Finishing Works	8	0%	16-Nov-13	24-Nov-13	87																		
	Mechanical Works	6	0%	20-Nov-13	26-Nov-13	87																		
	Electrical & Instrumentation Works	71	0%	05-Sep-13	26-Nov-13	87																		
	HVAC-Plumbing	5	0%	27-Nov-13	02-Dec-13	87																		
	Coatings & Finishing Works	14	0%	21-Dec-13	06-Jan-14	51																		
	Pads & Slabs	97	0%	11-Sep-13	02-Jan-14	69																		
	Civil & Structural Works	43	0%	11-Sep-13	30-Oct-13	69																		
	Electrical & Instrumentation Works	24	0%	03-Oct-13	30-Oct-13	108																		
	Mechanical Works	15	0%	16-Dec-13	02-Jan-14	69																		
	Well Systems	152	0%	18-Sep-13	16-Mar-14	0																		
	Wellhead and Pad (Structural)	53	0%	18-Sep-13	18-Nov-13	69																		
	Mechanical	59	0%	14-Nov-13	23-Jan-14	44																		
	Electrical & Instrumentation Works	30	0%	10-Feb-14	16-Mar-14	0																		
	Yard Works	102	0%	24-Nov-13	24-Mar-14	-7																		
	External & Finishing Works	102	0%	24-Nov-13	24-Mar-14	-7																		
	Electrical & Instrumentation Works	80	0%	09-Dec-13	13-Mar-14	2																		
	Mechanical Works	24	0%	17-Dec-13	15-Jan-14	-7																		
	CONVEYANCE SYSTEM PHASE	259	0%	29-Dec-12	26-Dec-13	56																		
	Execution of Transmission Pipeline from Well#17 to IZZ2	174	0%	20-Feb-13	21-Oct-13	71																		
	Preparing Detours & Apply Traffic Control Plan	10	0%	20-Feb-13	05-Mar-13	114																		
	SEG.NO.1 Trans. Main (St. 0+098 to St. 0+500)DN 300MM	80	0%	06-Mar-13	08-Jun-13	175																		
	SEG.NO.2 Trans. Main (St. 0+500 to St. 1+000)DN 300MM	83	0%	14-Mar-13	19-Jun-13	168																		
	SEG.NO.3 Trans. Main (St. 1+000 to St. 1+500)DN 300MM	106	0%	20-Mar-13	22-Jul-13	143																		
	SEG.NO.4 Trans. Main (St. 1+500 to St. 2+000)DN 300MM	109	0%	28-Mar-13	03-Aug-13	136																		
	SEG.NO.5 Trans. Main (St. 2+000 to St. 2+500)DN 300MM	111	0%	07-Apr-13	18-Aug-13	129																		
	SEG.NO.6 Trans. Main (St. 2+500 to St. 3+000)DN 300MM	110	0%	20-Apr-13	29-Aug-13	122																		
	SEG.NO.7 Trans. Main (St. 3+000 to St. 3+500)DN 300MM	107	0%	06-May-13	10-Sep-13	115																		
	SEG.NO.8 Trans. Main (St. 3+500 to St. 4+053.24 POE)DN 300MM	139	0%	09-May-13	21-Oct-13	83																		
	Execution of Road Way	306	0%	29-Dec-12	26-Dec-13	66																		
	PHASE I	264	0%	29-Dec-12	07-Nov-13	84																		
	Road Way New Road (St.0+019.88 to St.0+600)	240	0%	29-Dec-12	10-Oct-13	89																		
	Apply Traffic Control Plan / Safety Measurements / Coordination With Israeli Authorities	10	0%	29-Dec-12	10-Jan-13	225																		
	Excavation and Earth Works	11	0%	03-Feb-13	14-Feb-13	206																		
	Sub-Base and Base Course Works	23	0%	02-Sep-13	28-Sep-13	89																		
	Curb Stone Works	11	0%	22-Sep-13	03-Oct-13	89																		
	Asphalt Works	6	0%	05-Oct-13	10-Oct-13	89																		
	Road Way New Road (St.0+600 to St.1+200)	206	0%	16-Feb-13	17-Oct-13	89																		
	Excavation and Earth Works	11	0%	27-Feb-13	11-Mar-13	206																		
	Asphalt Works	6	0%	12-Oct-13	17-Oct-13	89																		
	Sub-Base and Base Course Works	23	0%	11-Sep-13	07-Oct-13	90																		

- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work
- ◆ Milestone



AID-294-TO-12-00002 - Well 17 PUMP STATION AND CONVEYANCE SYSTEM

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Activity ID	Activity Name	Original Duration	Duration % Complete	Start	Finish	Total Float	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M
AID-294-TO-12-00002 - Well 17 PUMP STATION AND CONVEYANCE SYSTEM																								
Milestones																								
General Milestones																								
MS00014	Confrence Meeting for PLC,Instrumentation,,,etc	0	0%		28-Nov-12*	0																		
Submittals																								
Pre Construction Submittals																								
PCS-W17-205	Approval of QC/QA Plan with Testing Lab CV	0	100%		28-Nov-12																			
PCS-W17-255	Approval of Original CPM Construction Schedule	0	0%		28-Nov-12*	-2																		
Construction Submittals																								
Material Submittals																								
Civil																								
CS245	Approval of Backfilling Material-Test Report/Soil Classification	0	0%		26-Dec-12	54																		
CS255	Approval of Indentification Tape - Sample	0	0%		26-Dec-12	54																		
CS265	Approval of Bedding Material - Test Report/Soil Classification	0	0%		17-Dec-12	62																		
CS275	Approval of Base Course, Gradation and Physical Properties	0	0%		17-Dec-12	62																		
CS285	Approval of Asphalt Mix Design - Test Report	0	0%		17-Dec-12	62																		
CS465	Approval of MC Prime Coat - Data Sheet	0	0%		26-Dec-12	54																		
CS470	Prep.&Submit Asphalt Core Test	7	0%	26-Dec-12	03-Jan-13	22																		
CS480	Prep.&Submit Manhole Cover, Frame and Steps - Product Data	7	0%	28-Nov-12	05-Dec-12	46																		
CS510	Prep.&Submit Reinforced Concrete Pipe - Data Sheet & Certificates	7	0%	28-Nov-12	05-Dec-12	46																		
CS520	Prep.&Submit Chain Link Fencing & Gates - Product Data & Sample	7	0%	28-Nov-12	05-Dec-12	46																		
CS535	Approval of Concrete Block Masonary - Physical Samples & Test Report	0	0%		26-Dec-12	54																		
CS545	Approval of Formwork & Ties - Product Data	0	0%		26-Dec-12	54																		
CS565	Approval of Steel Reinforcement - Data Sheet&Certificates	0	0%		20-Dec-12	59																		
CS575	Approval of PVC Water Stop - Product Data	0	0%		22-Dec-12	58																		
CS585	Approval of Concrete Mix Design - B200,B250,B300	0	0%		28-Nov-12	79																		
CS600	Prep.&Submit Anchors&Alaminum Roaf Hatches - Data Sheets&Certific...	7	0%	28-Nov-12	05-Dec-12	46																		
CS610	Prep.&Submit Manhole Rungs - Product Data & Sample	7	0%	29-Nov-12	06-Dec-12	45																		
CS690	Prep.&Submit Rough&Finish Carpentry - Product Data	7	0%	06-Dec-12	13-Dec-12	39																		
CS700	Prep.&Submit PVC Memprane Roofing - Sample&Product Data	7	0%	06-Dec-12	13-Dec-12	39																		
CS720	Prep.&Submit Flashing & Sheet Metal - Product Data	7	0%	06-Dec-12	13-Dec-12	39																		
CS740	Prep.&Submit Road Accessories - Product Data & Sample	7	0%	06-Dec-12	13-Dec-12	39																		
CS760	Prep.&Submit Sealants Caulking - Product Data & Sample	7	0%	06-Dec-12	13-Dec-12	39																		
CS770	Prep.&Submit Steel Doors & Frames - Product Data & Sample	7	0%	06-Dec-12	13-Dec-12	39																		
CS780	Prep.&Submit Flush Wood Doors - Sample	7	0%	06-Dec-12	13-Dec-12	39																		
CS810	Prep.&Submit Coiling Doors & Grilles - Sample & Product Data	7	0%	08-Dec-12	15-Dec-12	38																		
CS820	Prep.&Submit Aluminum Windows - Sample	7	0%	10-Dec-12	17-Dec-12	36																		
CS850	Prep.&Submit Security Screen	7	0%	16-Dec-12	23-Dec-12	31																		
CS860	Prep.&Submit Finish & Hardware Product - Sample & Product Data	7	0%	18-Dec-12	25-Dec-12	29																		
CS982	Prep.&Submit Toilet Accessories - Sample & Product Data	7	0%	16-Dec-12	23-Dec-12	31																		
Mechanical																								
Abroad Manufacturer (Long Lead Items)																								

03-Jan-13, AID-294-TO-12-00002 - Well 17 PUMP STA
28-Nov-12, Milestones
28-Nov-12, General Milestones
Confrence Meeting for PLC,Instrumentation,,,etc
03-Jan-13, Submittals
28-Nov-12, Pre Construction Submittals
Approval of QC/QA Plan with Testing Lab CV
Approval of Original CPM Construction Schedule
03-Jan-13, Construction Submittals
03-Jan-13, Material Submittals
03-Jan-13, Civil
Approval of Backfilling Material-Test Report/Soil Classific
Approval of Indentification Tape - Sample
Approval of Bedding Material - Test Report/Soil Classifica
Approval of Base Course, Gradation and Physical Propert
Approval of Asphalt Mix Design - Test Report
Approval of MC Prime Coat - Data Sheet
Prep.&Submit Asphalt Core Test
Prep.&Submit Manhole Cover, Frame and Steps - Product I
Prep.&Submit Reinforced Concrete Pipe - Data Sheet & Ce
Prep.&Submit Chain Link Fencing & Gates - Product Data & S
Approval of Concrete Block Masonary - Physical Sample
Approval of Formwork & Ties - Product Data
Approval of Steel Reinforcement - Data Sheet&Certificate
Approval of PVC Water Stop - Product Data
Approval of Concrete Mix Design - B200,B250,B300
Prep.&Submit Anchors&Alaminum Roaf Hatches - Data She
Prep.&Submit Manhole Rungs - Product Data & Sample
Prep.&Submit Rough&Finish Carpentry - Product Data
Prep.&Submit PVC Memprane Roofing - Sample&Product
Prep.&Submit Flashing & Sheet Metal - Product Data
Prep.&Submit Road Accessories - Product Data & Sample
Prep.&Submit Sealants Caulking - Product Data & Sample
Prep.&Submit Steel Doors & Frames - Product Data & San
Prep.&Submit Flush Wood Doors - Sample
Prep.&Submit Coiling Doors & Grilles - Sample & Product
Prep.&Submit Aluminum Windows - Sample
Prep.&Submit Security Screen
Prep.&Submit Finish & Hardware Product - Sample & Pro
Prep.&Submit Toilet Accessories - Sample & Product Dat
27-Dec-12, Mechanical
27-Dec-12, Abroad Manufacturer (Long Lead Items)

- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work
- ◆ Milestone



AID-294-TO-12-00002 - Well 17 PUMP STATION AND CONVEYANCE SYSTEM

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Activity ID	Activity Name	Original Duration	Duration % Complete	Start	Finish	Total Float	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M		
CS227	Approval of Submersible Turbine Deep Well Pump	0	0%		18-Dec-12	90																				
CS231	Prep&submit Canned Vertical Multistage Turbine Booster Pump	5	0%	28-Nov-12	03-Dec-12	83																				
CS241	Prep&Submit Horizontal Close - Coupled End Suction Pumps	5	0%	28-Nov-12	03-Dec-12	83																				
CS251	Prep&Submit Submersible Sump Pump	5	0%	28-Nov-12	03-Dec-12	77																				
CS261	Prep&Submit Vertical FRP Sump Pump	5	0%	28-Nov-12	03-Dec-12	65																				
CS271	Prep&Submit Compressors, Tank-Mounted, Reciprocating	5	0%	28-Nov-12	03-Dec-12	129																				
CS291	Prep&Submit Horizontal Louver Blinds - Sample	5	0%	28-Nov-12	03-Dec-12	129																				
CS307	Approval of Surge Control Bladder Tank - Certification, Product Data&Te...	0	0%		27-Dec-12	134																				
CS311	Prep&Submit Polyethylene Tank - Product Data	5	0%	28-Nov-12	03-Dec-12	129																				
CS471	Prep&Submit UPVC Pipes - Product Data	5	0%	28-Nov-12	03-Dec-12	185																				
Local Manufacturer																										
CS341	Prep&Submit Copper Pipes - Product Data	5	0%	28-Nov-12	03-Dec-12	135																				
CS351	Prep&Submit Refrigerant Pipes - Product Data	5	0%	28-Nov-12	03-Dec-12	135																				
CS361	Prep&Submit CPVC Pipes - Product Data	5	0%	28-Nov-12	03-Dec-12	135																				
CS481	Prep&Submit Pipe,Duct Work&Equipment Insulation - Product Data	5	0%	28-Nov-12	03-Dec-12	135																				
CS571	Prep&Submit Valves (Control,Gate,Butterfly,Check,Ball,Pressure,,etc) - ...	5	0%	28-Nov-12	03-Dec-12	84																				
CS581	Prep.&Submit Plumping (Piping,Fixtures&Equipment) - Product Data	5	0%	28-Nov-12	03-Dec-12	165																				
CS661	Prep&Submit Heat,Ventilation&Air Conditioning Equipment - Product Data	5	0%	28-Nov-12	03-Dec-12	165																				
Electrical																										
Shop Drawings																										
Civil																										
CS305	Approval of Shop Drawing for Road Way	0	0%		27-Dec-12	189																				
CS310	Prep&submit Shop Drawing for Balance Tank 1000 m3	5	0%	28-Nov-12	03-Dec-12	29																				
CS320	Prep&submit Shop Drawing for Retaining & Boundary Wall (Relocation)	5	0%	28-Nov-12	03-Dec-12	-5																				
CS330	Prep&submit Civil Shop Drawing for Chambers&Structural Elements ...	5	0%	06-Dec-12	11-Dec-12	177																				
CS360	Prep&submit Civil Shop Drawing for Chlorination Building	5	0%	04-Dec-12	09-Dec-12	139																				
CS380	Prep&submit Civil Shop Drawing for Electrical & Control Building	5	0%	26-Dec-12	31-Dec-12	0																				
CS430	Prep&submit Trench Section Details Shop Drawing	5	0%	28-Nov-12	03-Dec-12	184																				
CS450	Prep&submit Asphalt Access Roads Shop Drawing	5	0%	26-Dec-12	31-Dec-12	206																				
CS550	Prep.&Submit Formwork Details & Shop Drawing	5	0%	28-Nov-12	03-Dec-12	12																				
CS640	Pre.&Submit Members&Connections, Anchor Bolts Layout	5	0%	28-Nov-12	03-Dec-12	144																				
CS650	Prep.&Submit Grating Shopdrawing	5	0%	28-Nov-12	03-Dec-12	135																				
CS665	Approval of Aluminum Hatches & Railing Shop Drawings	0	0%		22-Dec-12	337																				
CS670	Prep.&Submit Internal&External Ladders Shop Drawings	5	0%	01-Dec-12	05-Dec-12	133																				
Mechanical																										
CS220	Prep&submit Shop Drawing for Trans.Pipeline from Well#17 to IZZ2	10	0%	28-Nov-12	09-Dec-12	133																				
CS340	Prep&submit Mechanical Shop Drawing for Chambers	9	0%	06-Dec-12	16-Dec-12	133																				
Electrical																										
CS671	Prep.&Submit Electrical Raceway Systems - Shop Drawing	5	0%	02-Dec-12	06-Dec-12	136																				
Methods Statement																										
Civil																										
CS500	Prep.&Submit Structural Design Calculations for Vaults	7	0%	02-Dec-12	09-Dec-12	257																				
CS595	Approval of Testing Laboratory Certifications for Shop&Steel Welders	0	0%		22-Dec-12	154																				

- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work
- ◆ Milestone



AID-294-TO-12-00002 - Well 17 PUMP STATION AND CONVEYANCE SYSTEM

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Activity ID	Activity Name	Original Duration	Duration % Complete	Start	Finish	Total Float	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M		
CS620	Prep.&Submit Load&Deflection Tables for Miscellanios Metal Works	5	0%	28-Nov-12	03-Dec-12	135																				
CS632	Approval of Welder Qualifications&Field Welding Procedure	0	0%		24-Dec-12	152																				
CS641	Prep.&Submit Field Testing, Pressure Test&Disinfection Plan	5	0%	16-Dec-12	20-Dec-12	147																				
CS651	Prep.&Submit Control Valves Manufacturer's Services,Inspection,Start ...	5	0%	16-Dec-12	20-Dec-12	135																				
Mechanical																										
CS1000	Prep&Submit Submersible Turbine Deep Well Pump - Statements	1	0%	17-Dec-12	17-Dec-12	211																				
CS631	Prep&Submit Canned Vertical Multistage Turbine Booster Pump - State...	1	0%	17-Dec-12	17-Dec-12	211																				
Electrical																										
CS1100	Prep.&Submit Medium Voltage Metal Enclosed Switchgear - Technical ...	1	0%	17-Dec-12	17-Dec-12	273																				
CS721	Prep.&Submit Padmounted Transformers - Technical Manual	1	0%	17-Dec-12	17-Dec-12	278																				
Procurement																										
Well Pump,Electrical Equipments&Instrumentation,...etc																										
Donation Number Process																										
PRO250	Donation Number Process for task order	45	22.22%	18-Nov-12 A	01-Jan-13	93																				
WELL PUMP STATION PHASE																										
Balance Tank 1000 m3																										
Civil & Structural Works																										
BT-000040	Excavation Leveling for the Base slab	5	0%	03-Dec-12	08-Dec-12	29																				
BT-000050	Level,Spread Base Coarse	5	0%	09-Dec-12	13-Dec-12	29																				

- █ Prep.&Submit Load&Deflection Tables for Miscellanios Met
- ◆ Approval of Welder Qualifications&Field Welding Proced
- █ Prep.&Submit Field Testing, Pressure Test&Disinfection P
- █ Prep.&Submit Control Valves Manufacturer's Services,Ins
- ▼ 17-Dec-12; Mechanical
- | Prep&Submit Submersible Turbine Deep Well Pump - Sta
- | Prep&Submit Canned Vertical Multistage Turbine Booster
- ▼ 17-Dec-12; Electrical
- | Prep.&Submit Medium Voltage Metal Enclosed Switchgea
- | Prep.&Submit Padmounted Transformers- Technical Man
- ▼ 01-Jan-13, Procurement
- ▼ 01-Jan-13, Well Pump,Electrical Equipments&Instrum
- ▼ 01-Jan-13, Donation Number Process
- █ Donation Number Process for task order
- ▼ 13-Dec-12; WELL PUMP STATION PHASE
- ▼ 13-Dec-12; Balance Tank 1000 m3
- ▼ 13-Dec-12; Civil & Structural Works
- █ Excavation Leveling for the Base slab
- █ Level,Spread Base Coarse

- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work
- ◆ Milestone
- ▼ Summary



AID-294-TO-12-00002 - Well 17 PUMP STATION AND CONVEYANCE SYSTEM

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W17 19.2 S-Curve

**S- Curve not applicable for the current
reporting period**

W17 19.3 Site Memo Log



International Relief & Development

Infrastructure Needs Program II- INP II

Task Order: AID - 294 - TO - 12 - 00002

Project: Well #17 Pump Station and Conveyance System

Incoming Memoranda from Engineer to CONTRACTOR (EC) Log

Number	Description/Subject	Date Received	Response Date	Comments
SM-02-W17-E-C-001	Site Instructions- Omitting the following items: Erosion Sediment Control Systems Harvesting Cistern	21-Nov-12		



Infrastructure Needs Program II- INP II

Task Order: AID - 294 - TO - 12 - 00002

Project: Well #17 Pump Station and Conveyance System

Memoranda from CONTRACTOR to Engineer (CE) Log

Number	Description/Subject	Date Received	Response Date	Comments
No Site Memos were issued from C-E during the current reporting Period				

W17 19.4 Inspection Request Log

Inspection Request Log

Task Order: AID - 294 - TO - 12 - 00002
Project: Well #17 Pump Station and Conveyance System

No.	Request Date	Date Inspection Required	Description of Works Inspected	Sender/ Recipient	1st Inspection		2nd Inspection	
					Response Date	Grade	Response Date	Grade
IR-02-W17-01-A	23-Oct-12	24-Oct-12	Temporary project signs installed at Entrance of Well 17 and entrance of Zaa'tara Village	IRD/BV	24-Oct-12	Approved as Noted		
IR-02-W17-02-A	23-Oct-12	24-Oct-12	Engineer's Field Office at Zaa'tara Village	IRD/BV	24-Oct-12	Approved as Noted		
IR-02-W17-03-A	8-Nov-12	11-Nov-12	Inspecting the mobilization as per Section 01505 of Program Standard Specification	IRD/BV	11-Nov-12	Approved as Noted		
IR-02-W17-04-A	13-Nov-12	13-Nov-12	Start of clear and grub site in addition to site grading and preparation as per item 1.1.1 and 1.1.2 of the BOQ up to depth of 462.4 (first stage)	IRD/BV	13-Nov-12	Approved as Noted		
IR-02-W17-05-A	19-Nov-12	20-Nov-12	Inspection for the following: Completion of the first stage of site leveling and grading up to level of 462.40	IRD/BV	22-Nov-12	Make Corrections Noted		

W17 19.5 Submittal Log

Submittal Categories	Submittal Classification	Identifiers:	Resubmittal Alpha Identifier	Submittal Disposition/ Color Coding
PD PRODUCT DATA	PCS Preconstruction	WJN : Task Order No 02 Identifier	First Submittal SUB-02-W17-001-A	A - No Exceptions Noted
SD SHOP DRAWINGS	CONS Construction	W17 : Project 1 Identifier	First RE-Submittal SUB-02-W17-001-B	B - Make Corrections Noted
AD ADMINISTRATIVE/OTHER	PSTS Post construction	JNT : Project 2 Identifier	Second Resubmittal SUB-02-W17-001-C	C - Amend and Resubmit
TR TEST REPORT				D - Rejected- Resubmit
SCH SCHEDULE				E - Review Not Required
RPT REPORT				Submitted Pending Response
SMP SAMPLE				
CO COMPLETION & CLOSEOUT				
MAT MATERIAL				

A	B	C	D	E	F	G	H	I	J	K	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	Submission Delay	Response Needed by (Max. 30 days)	Date Returned to IRD	Total Engineer Response Time	Submittal Disposition (Grade)	Remarks
SUB-002-WJN-012-B	Construction Safety Plan	01040, 01520, 01550, 01560, 01640, 01505	AD	PCS	SUB	WJN	PCS-W17-210 PCS-JNT-210	MOB	A	N.A.	6-Nov-12		6-Dec-12	13-Nov-12	7	B	
SUB-002-WJN-019-B	IRD Insurance	01505	AD	PCS	SUB	WJN	PCS-W17-100 PCS-JNT-100	MOB	B		11-Nov-12		11-Dec-12	19-Nov-12	8	E	
SUB-002-W17-028-B	60 Days plan of operation	01311 P1.4	AD	PCS	SUB	W17	PCS-W17-130	MOB	B		21-Oct-12		20-Nov-12	31-Oct-12	10	B	
SUB-002-WJN-031-A	QA/QC	01400, Basic IQC Contract Section C.9.5	AD	PCS	SUB	WJN	PCS-W17-200 PCS-JNT-200	MOB	A		11-Oct-12		10-Nov-12	5-Nov-12	25	B	
SUB-002-WJN-031-B	QA/QC	01400, Basic IQC Contract Section C.9.5	AD	PCS	SUB	WJN	PCS-W17-200 PCS-JNT-200	MOB	B		27-Nov-12		27-Dec-12	28-Nov-12	1	B	
SUB-002-W17-032-A	Traffic Control Plan	01040, 01550	AD	PCS	SUB	W17	PCS-W17-220	MOB	A		11-Oct-12		10-Nov-12	31-Oct-12	20	C	
SUB-002-W17-032-B	Traffic Control Plan	01040, 01550	AD	PCS	SUB	W17	PCS-W17-220	MOB	A		6-Nov-12		6-Dec-12	13-Nov-12	7	B	
SUB-002-W17-035-A	Construction Method Statement	N.A.	AD	PCS	SUB	W17	PCS-W17-240	MOB	A		11-Oct-12		10-Nov-12	5-Nov-12	25	B	
SUB-002-WJN-036-A	Submittals Schedule	01300, P1.1D	AD	PCS	SUB	W17	PCS-W17-110	MOB	A	11-Oct-12	11-Oct-12		10-Nov-12	5-Nov-12	25	C	
SUB-002-W17-037-B	Subcontractor Insurance	01505	AD	PCS	SUB	W17	PCS-W17-100	MOB	B	11-Oct-12	11-Nov-12		11-Dec-12	19-Nov-12	8	E	
SUB-002-W17-040-A	VFD manufacturer's qualifications	16457, Part 1.3 A	AD	PCS	SUB	W17	CS-W17-1180	MOB	A		30-Oct-12		29-Nov-12	6-Nov-12	7	C	
SUB-002-W17-041-A	Pump Manufacturer qualifications	11102, Part 1.3 B	AD	PCS	SUB	W17	CS-W17-0225	MOB	A		30-Oct-12		29-Nov-12	6-Nov-12	7	C	
SUB-002-WJN-042-A	Pipes and Fittings Product Data	15025, 15000, 02571	PD	PCS	SUB	WJN	CS-W17-321 CS-JNT-M124	MOB	A		30-Oct-12		29-Nov-12	5-Nov-12	6	B	
SUB-002-WJN-043-A	Proposed Equipment & Material List	16050 section 1.6-D page 4	PD	PCS	SUB	W17	CS-W17-0106	MOB	A		30-Oct-12		29-Nov-12	6-Nov-12	7	B	
SUB-002-W17-044-A	Storage yard Submittal	01505-Mobilization, Section 1.1.B & 1.1F-8	SD	PCS	SUB	W17	PCS-W17-180	MOB	A		7-Nov-12		7-Dec-12	18-Nov-12	11	B	
SUB-002-W17-047-A	Land Survey layouts & sections	Section 01300 -Part 1.3 Shop Drawings	SD	CONS	SUB	W17	CS -W17-295	MOB	A		7-Nov-12		7-Dec-12	13-Nov-12	6	B	
SUB-002-WJN-048-A	Breakdown Analysis for W17& JNT					WJN			A		15-Nov-12		15-Dec-12				
SUB-002-WJN-049-A	Excavation & Trenching Safety Plan	Section 01537-TRENCH SAFETY SYSTEM	AD	PCS	SUB	WJN	PCS-W17-210 PCS-JNT-210	MOB	A		11-Nov-12		11-Dec-12	12-Nov-12	1	B	
SUB-002-W17-051-A	Original CPM Construction Schedule	Section 1310	SCM	PCS	SUB	W17	PCS-W17-250	MOB	A		11-Nov-12		11-Dec-12				
SUB-002-W17-052-A	Base course material	02200 Paragraph 2.1 C 7	TR	CONS	SUB	W17	CS-W17-270	MOB	A		12-Nov-12		12-Dec-12	12-Nov-12	0	B	
SUB-002-W17-052-B	Base course material	02200 Paragraph 2.1 C 7	TR	CONS	SUB	W17	CS-W17-270	MOB	B		18-Nov-12		18-Dec-12	21-Nov-12	3	B	
SUB-002-W17-053-A	Bedding Material	02200 Paragraph: 2.1 C 1&2	TR	CONS	SUB	W17	CS-W17-260	MOB	A		12-Nov-12		12-Dec-12	12-Nov-12	0	D	
SUB-002-W17-053-B	Bedding Material	02200 Paragraph: 2.1 C 1&2	TR	CONS	SUB	W17	CS-W17-260	MOB	B				30-Jan-00				retracted on November 25, 2012
SUB-002-W17-053-B	Bedding Material	2200 Paragraph: 2.1 C 1&2	TR	CONS	SUB	W17	CS-W17-261				26-Nov-12		26-Dec-12				
SUB-002-W17-057-A	Reinforcement Steel-Manufacture Data & Tests	01300/03200-parag. 1.2 A	PD	CONS	SUB	W17	CS-W17-560	MOB	A		12-Nov-12		12-Dec-12	13-Nov-12	1	C	
SUB-002-W17-057-B	Reinforcement Steel-Manufacture Data & Tests	01300/03200-parag. 1.2 A	PD	CONS	SUB	W17	CS-W17-560	MOB	B		21-Nov-12		21-Dec-12	22-Nov-12	1	B	
SUB-002-W17-060-A	Asphalt mix design 3/4 "	2460 parag. 1.4 B & 2.2 B	TR	CONS	SUB	W17	CS-W17-258	MOB	A		18-Nov-12		18-Dec-12				
SUB-002-W17-061-A	Submersible Turbine Deep Well Pump	Section 11102	PD	CONS	SUB	W17	CS-W17-225		A		19-Nov-12		19-Dec-12				
SUB-002-W17-062-A	Monitoring Access Pipe for Well Pump	Section 11102-2.2 E	PD	CONS	SUB	W17	CS-W17-225		A		19-Nov-12		19-Dec-12				
SUB-002-W17-066-A	PVC Water Stop	03290-P1.3 B&C, 2.2 A-4	PD	CONS	SUB	W17	CS-W17-570		A		22-Nov-12		22-Dec-12				
SUB-002-W17-067-A	Aluminum Roof access hatches	05500, parag. 2.1	PD	CONS	SUB	W17	CS-W17-660		A		22-Nov-12		22-Dec-12				
SUB-002-W17-068-A	Weld testing lab & CW1, qualifications & CV	02570-parag.1.3	PD	CONS	SUB	W17	CS-W17-660		A		22-Nov-12		22-Dec-12	25-Nov-12	3	A	
SUB-002-W17-069-A	Shop Drawings for Northern RW (ST1-ST3)	1300 Parag. 1.3	SD	CONS	SUB	W17	CS-W17-320		A		22-Nov-12		22-Dec-12				
SUB-002-W17-070-A	Sample of form tie for retaining walls	3100 parag. 2.3 A	PD	CONS	SUB	W17	CS-W17-540		A		24-Nov-12		24-Dec-12				
SUB-002-W17-071-A	Form ties holes filling cementitious material	03315 parag. 2.2 A & B	PD	CONS	SUB	W17	CS-W17-540		A		24-Nov-12		24-Dec-12				
SUB-002-W17-072-A	Damproofing rubberised Bitumen Emulsion Nitoproof 230	09800, parag.1.2 A & B 3.9& 3.10	PD	CONS	SUB	W17	CS-W17-945		A		24-Nov-12		24-Dec-12				
SUB-002-W17-073-A	Notocote EP 405 epoxy protective coating for internal reservoir walls	09800, parag.1.2 A & B 3.9 A & B	PD	CONS	SUB	W17	CS-W17-940		A		24-Nov-12		24-Dec-12				
SUB-002-W17-074-A	Joint Sealant-Thioflex 600	03290, parag.1.2C,1.4D,2.3&2.4C	PD	CONS	SUB	W17	CS-W17-760		A		24-Nov-12		24-Dec-12				
SUB-002-W17-075-A	form tie for reservoir walls	03100 parag. 2.3A	PD	CONS	SUB	W17	CS-W17-540		A		25-Nov-12		25-Dec-12				
SUB-002-W17-076-A	Concrete & plastic supports/spacers & sample	03200 parag.2.2 B2C, 2.2B3	PD	CONS	SUB	W17	CS-Well 17		A		25-Nov-12		25-Dec-12				
SUB-002-W17-077-A	Identification Tape(Sample)	02200 parag. 2.3 B & C	PD	CONS	SUB	W17	CS-W17-250		A		25-Nov-12		25-Dec-12				

W17 19.6 Request for Information Log

Task Order: AID - 294 - TO - 12 - 00002

Project: Project 1: Well #17 Pump Station and Conveyance System

Request for Information Log

RFI No.	Subject of RFI	BOQ item no.	Specification no.	Drawing no.	Date Submitted to Engineer	Response Date from Engineer	No. of Days for Engineer Response	Status	Engineer Response	Potential Change Order
RFI-02-W17-C-E-005	1-Property issue between the Owners of Well # 17 site and PWA. 2-Verifying the survey in the field that was conducted by IRD Surveyor. 3- Verifying the area of the fenced area for the proposed pump station yard (Contract Drawing N0.5C-1 shows 2555.7 SQ while the same are as calculated from the coordinates shown on the same drawing is 2985 SQ m).	N/A	Sections 01040 and 01505	N/A	21-Oct-12	31-Oct-12	10	Answered	Items 1, 2 and 3 were resolved on October 22, 2012 morning, see attached Item 4, the submitted information isn't sufficient to allow Engineer determination, Submit shop drawings with existing elevations and layout	No
RFI-02-W17-C-E-006	Services by Power Company-JDECO-Settlement of payment to JDECO	N/A	01620	N/A	22-Oct-12	19-Nov-12	28	Answered	IRD is kindly requested to continue with the coordination with JDECO with respect to the technical issues raised by IRD during our previous progress meeting on Thursday, November 8, 2012. For the commercial issues, we are still working with JDECO. and PWA to resolve this issue.	NO
RFI-02-W17-C-E-007	Addition of portable generator connection (compartment and breaker) to the Medium Voltage Metal-Enclosed Switchgear	N/A	16362 and 16480		4-Nov-12	20-Nov-12	16	Answered	Contractor proposal to delere the lug connection for the protable generator in the LV MCC Panel and to add a new compartment with all associated components for the generator connection in the Medium voltage switch gear (EG-SWGR-1) is acceptable. Contractor shall reflect all changes on shop drawings and submit all relevant material /components data sheets for engineers review in accordance with terms and conditions of contract.	NO
RFI-02-WJN-C-E-008	Substitution of the New jersey Barriers with Steel Mini Guard	N/A	RFTOP WATER-294-12-000014 Section C4.A		8-Nov-12	20-Nov-12	12	Answered	Contractor proposal is acceptable at no additional time cost impact on the project.	NO
RFI-02-W17-C-E-009	Information related to site design geometry and accessibility of PWA service rig (T1700)	N/A	NA	N/A	18-Nov-12					NO
RFI-02-W17-C-E-010	Information related to other protective device studies (protective device and arc flash Analysis)	N/A	NA	N/A	22-Nov-12					
RFI-02-W17-C-E-011	Weep Holes in walls of the retaining walls	N/A	NA	N/A	26-Nov-12					
RFI-02-W17-C-E-012	Washout outfall	N/A	NA	N/A	26-Nov-12					

W17 19.7 Variation Request and Variation Order Log

Task Order: AID - 294 - TO - 12 - 00002

Project: Well #17 Pump Station and Conveyance System

Variation Order Request /VOR Log

VO	Date	Status	Subject	USAID Approval Date	Original Task Order Amount			Previous Task order Amount			Revised Task Order Amount			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					

No VORs were issued during the reporting period

Task Order: AID - 294 - TO - 12 - 00002

Project: Well #17 Pump Station and Conveyance System

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	Original Contract Duration	Previous VO Time Extension	VO Time Extension	Original Completion Date
					BOQ	Day Work	Total	BOQ	Day Work	Total	BOQ	Day Work	Total					

No Variation Orders were issued during the current reporting period



Infrastructure Needs Program II (INP II)

Construction Monthly Progress Report Month of October, 2012

TO No. 2

Project 2: Al Jaba' Nuba Main Transmisison Piepline

Prime Contractor:

International Relief and Development, Inc. (IRD)

Subcontractor:

Brothers Company for Contracting

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1. Public Relation and Outreach

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

- Obtaining approval for the project flyers and printing copies for public distribution
- Taking photos of the project site

2. Safety and Environmental Status

During the month of November 2012, the Safety Plan, the Traffic Control Plan, Trenching Safety Plan and the Environmental Monitoring and Mitigation plan were submitted to the CMC and approved

Traffic Management:

As mentioned in previous monthly progress report, the traffic management plan was studied and proposed with one lane maintained opened to facilitate public traffic movement with the necessary and required installation of directional signs and the presence of flagmen at all times during construction work.

Since the available width of the existing road is appropriate for one-way passable traffic, thus there will be no disturbance to public traffic during the project construction phases and there will be no need for detours.

Implementation of the approved traffic control plan and the traffic management it is expected to start in the mid of January 2013, as soon we delivered the first continent of the pipes.

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.

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

Particulars	Current Month
First Aid Cases	0
Lost Time Cases	0

Notice of Unsafe Condition:

No Notice of Unsafe conditions was issued to IRD by the CMC during this reporting period.

Safety Conclusion

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

3. Security Coordination

IRD security coordinator organized several meetings with Mekorot 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	Attendees	Purpose
14-Nov-12	1. Jafar Salhab, IRD Security Coordinator 2. Ramallah DCL Commander	Meeting at Ramallah DCL to provide general update regarding progress of IRD projects
21-Nov-12	1. Jafar Salhab, IRD Security Coordinator 2. Ibraheem Ansari, BV Security Coordinator 3. Mekorot representative	Meeting with Mekorot representative at Jaba' Intersection to discuss the route of the pipeline and connections
21-Nov-12	1. Jafar Salhab, IRD Security Coordinator 2. Ibraheem Ansari, BV Security Coordinator 3. Bethlehem Commander	Meeting at Ramallah DCL to provide general update regarding progress of IRD's project and summarize the result of the meeting Mekorot
25-Nov-12	1. Jafar Salhab, IRD Security Coordinator 2. Ibraheem Ansari, BV Security Coordinator 3. Bet El Water Commander	Meeting at Bet El with Water Commander to discuss the pipeline connection with Mekorot
25-Nov-12	1. Jafar Salhab, IRD Security Coordinator 2. Jerusalem DCL Commander	Meeting at Jerusalem DCL to provide general update regarding progress of IRD projects
26-Nov-12	1. Jafar Salhab, IRD Security Coordinator	Sending the pipeline drawings to Mekorot office in Ramleh
29-Nov-12	1. Jafar Salhab, IRD Security Coordinator	Receiving letter from Mekorot providing details on how to commence work on the pipeline

Table 3.1-JNT-Security Coordination Summary

4. Material or Equipment Delivered to Site

During the current reporting period the following material and equipment were delivered to the project site.

Equipment on Site					
No.	Date	Description	Quantity in use	Hours	Quantity Idle
1.	20-Oct-12	Survey Equipment	1	8	0
2.	21-Oct-12	Survey Equipment	0	0	0
3.	22-Oct-12	Survey Equipment	0	0	0
4.	23-Oct-12	Survey Equipment	0	0	0
5.	24-Oct-12	Survey Equipment	0	0	0
6.	24-Oct-12	Concrete mixer	0	0	0
7.	24-Oct-12	JCB	1	4	4
8.	25-Oct-12	Survey Equipment	0	0	0
9.	25-Oct-12	concrete mixer	1	1	1
10.	25-Oct-12	JCB	1	2	2
11.	25-Oct-12	Crane	1	2	2
12.	30-Oct-12	Survey Equipment	1	8	8
13.	31-Oct-12	Survey Equipment	0	0	0
14.	1-Nov-12	survey Equipment	0	0	0
15.	3-Nov-12	Survey Equipment	1	5	5
16.	3-Nov-12	JCB	1	2	2
17.	4-Nov-12	survey Equipment	1	5	5

Equipment on Site					
No.	Date	Description	Quantity in use	Hours	Quantity Idle
18.	5-Nov-12	survey Equipment	1	6	6
19.	6-Nov-12	Survey Equipment	0	0	0
20.	7-Nov-12	Survey Equipment	1	5	5
21.	7-Nov-12	JCB	1	3	3
22.	7-Nov-12	Water Tank	1	1	1
23.	7-Nov-12	compactor	1	2	2
24.	8-Nov-12	Survey Equipment	0	0	0
25.	9-Nov-12	Survey Equipment	0	0	0
26.	10-Nov-12	Survey Equipment	1	5	5
27.	11-Nov-12	Survey Equipment	1	4	4
28.	12-Nov-12	Survey Equipment	1	4	4
29.	13-Nov-12	Survey Equipment	1	4	4
30.	14-Nov-12	Survey Equipment	0	0	0
31.	15-Nov-12	Survey Equipment	0	0	0
32.	16-Nov-12	Survey Equipment	0	0	0
33.	17-Nov-12	Survey Equipment	0	0	0
34.	18-Nov-12	Survey Equipment	0	0	0
35.	19-Nov-12	Survey Equipment	0	0	0
36.	20-Nov-12	JCB	1	5	5
37.	21-Nov-12	Survey Equipment	0	0	0
38.	22-Nov-12	Survey Equipment	0	0	0
39.	23-Nov-12	Survey Equipment	0	0	0

Table 4.1-JNT Equipment on Site

Material Delivered to Site					
No.	Date	Item	Description	QTY	Location
1-	1-Nov-12	Base course	Delivering base course material to the storage Yard	35 m ³	Storage Yard
2-	20-Nov-12	Base course	Delivering base course material to the storage Yard	25 m ³	Storage Yard

Table 4.2-JNT- Material Delivered to Site

5. Progress and Scheduling

The following table provides a summary of the project progress status

Item	Percentage
Planned percentage complete:	4%
Actual percentage complete:	4%
Elapsed Time	16.94 %

Table 5.1-JNT-Progress Summary Table

Project Overall Status: The Project is currently on track, no mitigation action needed

For further details regarding the project progress please see Attachment JNT 19.1- Updated Schedule- Roll-up and one month look ahead schedule.

Submittal Status

During the current reporting period a total of 26 submittals (including resubmittals) were submitted for this project; 20 submittals were submitted specifically for Project 2, and 5 submittals were submitted for the Task Order, and one was retracted. Review comments were received for 20 submittals, out of which 16 reviewed submittals were

received for submittals submitted within the current reporting period, while 4 reviewed submittals were received for submittals submitted within the previous reporting period, while 9 submittals for the current reporting period remain pending a response from the Engineer. The following table and graph provide a summary of the submittals disposition status.

Total	Submittal Disposition
0	A – No Exceptions Noted
13	B - Make Corrections Noted
4	C- Amend and Resubmit
1	D- Rejected- Resubmit
2	E- Review Not Required
20	Total Submittals Reviewed

Table 5.2-JNT-Submittal Deposition

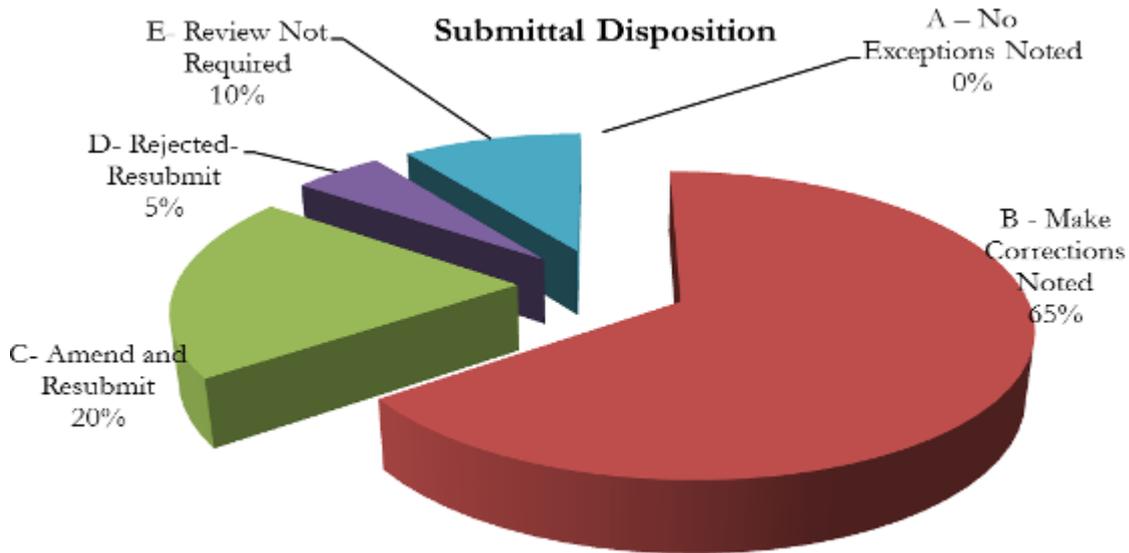


Figure 5.1-JNT-Submittals Deposition

For further details please see attachment JNT 19.5- Submittal Log

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

The following was achieved during the current reporting period:

- Completing mobilization as per section 01505 of program specifications-volume 1 and obtaining the approval of the Engineer on November 11, 2012.
- Preparation of various types of construction submittals and submitting to the CMC review/comments.
- Obtaining the Engineer’s approval for the shop drawings for the segment between stations 6+400 and 7+900 and submitting the shop drawings for the segment between stations 7+900 and 9+900 along the project.
- Preparation of shop drawings for the segment between stations 10+800 and 11+360 along the project.

The following are the main activities planned for next month

- Submitting shop drawings for various segments along the route of the transmission pipeline including the various types of concrete water chambers.
- Submitting various types of construction submittals as per latest approved schedule of work.
- Inspection of 923 LM of 12” diameter steel pipes at FIP factory prior to external coating and internal lining.

7. Updated Schedule

IRD has completed all activities associated with the mobilization phase, and has commenced submitting various types of construction submittals. For further details please see Attachment JNT 19.1- Updated Schedule Roll-up and One Month Look Ahead.

8. Site Memo

During the current reporting period no site memos were issued for this project. For further details please see Attachment JNT 19.3- Site Memo Log

9. Inspection Request

During the current reporting period no inspection requests were submitted to the Engineer. For further details please see Attachment JNT 19.4- Inspection Request Log.

10. Test Reports

During the current reporting period one test was conducted for reinforcement steel strength, the results showed that the strength of the steel bars meet requirements.

The following table and graph provide a summary of the test report status.

Type of Material Test	No. of Tests Passed	No. of Tests Failed	No. of Tests (Results Not Received)	Total No. of Tests Conducted
Reinforcement Steel Strength	1	0	0	1
Total	1	0	0	1

Table 10.1-JNT-Test Report Summary

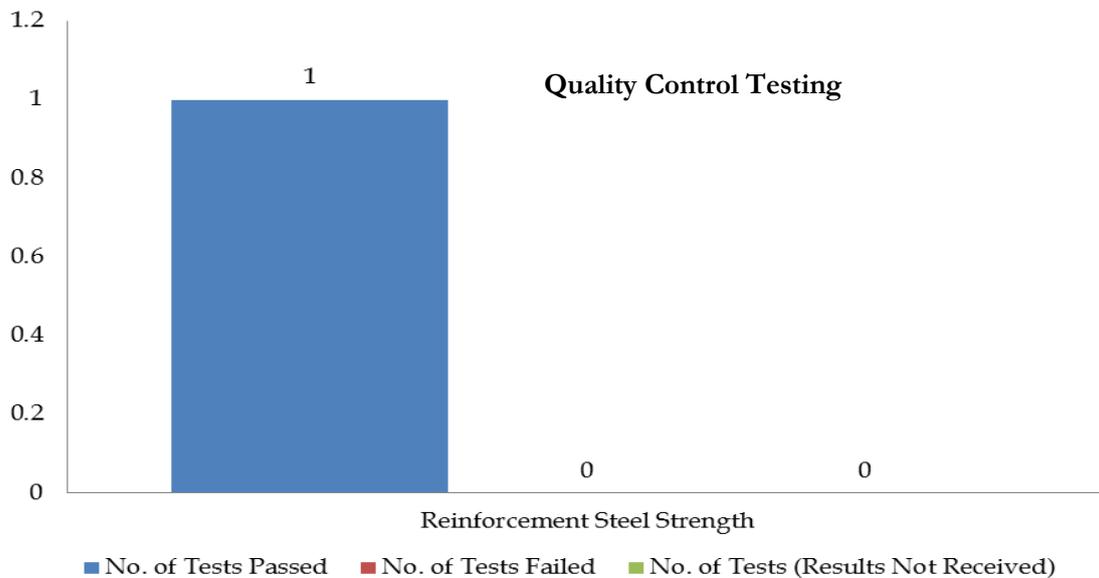


Figure 10.1-JNT- Quality Control Testing

11. Request for Information

During the current reporting period one Request for Information (RFI) was submitted to the Engineer. The Engineer responded to the submitted RFI within the current reporting period. For further information regarding the submitted RFI please see Attachment JNT 19.6-Request for Information Log.

12. Summary of Payments and Accrued Expenditures

One payment was submitted during the current reporting period; the following table provides a summary of the submitted payment

Payment No.	Period of Performance Quantity		Current Payment Amount	Previous	Cumulative to date	Payment Submission Date	CMC Approval Date	Date Payment Received
	Period From	Period To						
1	27-Sep-12	26-Oct-12	\$ 116,774.09	\$0.00	\$ 116,774.09	13-Nov-12	15-Nov-12	Not Received

Table 12.1-JNT-Payment Summary

During the current reporting period IRD accrued a payment in the amount of \$127,174.35, which is equivalent to 100 % of the mobilization payment.

13. Variation Orders and Variation Orders Request

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

14. Operation, Maintenance and Training

This section is not applicable for the current reporting period.

15. Summary of Working/Non-Working Days

1.	Total Period of Performance (Original)	360 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 during this month	27 Calendar Days
6.	Accumulated Working Days	48 Calendar Days
7.	Total No. of non-working days(Holidays and weekends) during this month	4 Calendar Days
8.	Accumulated non-working days (Holidays and weekends)	13 Calendar Days
9.	No. of other non-working days (EXPLAIN REASON) during this month	None
10.	Accumulated other non-working days (EXPLAIN REASON)	None

Table 15.1-JNT-Summary of Working and Non-Working Days

16. Project Indicators

16.1. 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 supplied through the new pipeline.	185 m ³ /hr = 4,440 m ³ /day
The average consumption rate of Palestinians (per capita) for Hebron and Bethlehem	$(14629240+8150014)\text{m}^3/365 \text{ day} / (196053+614257)\text{capita} = 0.077 \text{ m}^3/\text{day}$
No. of Beneficiaries	$4,440/0.077 = 57,662$

Table 16.1-JNT-Target Value for Project 2

16.2. Indicator #2: Person days of Employment Generated

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

- Estimated Target Value, 6820 person days;
- Employment generated previously 141 person days;
- Employment generated this month; 179 person days;
- Total cumulative employment generated to-date 320 person days.

17. General Comments, Arisen Issues and Problems Encountered

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

Issue	Description	Responsible Party	Remedial Measures/Comments
Connection to MEKOROT pipeline.	Diameter and pressure at the connection pipeline need to be confirmed by MEKOROT. MEKORT insist to have connection on 250 mm pipe instead on 400 mm pipe as shown in conformed drawings.	Client	Clarify this issue with MEKOROT as quickly as possible to avoid any future interruption.

Table 17.1-JNT-Problems and Issues Summary Table

18. Construction Photos

	
<p>Photo No.1-JNT: B&V, IRD &Mekorot Representatives Discussing the Connection to the Existing Mekorot Water Line at Jaba'a Photo Date: 26-Nov-2012</p>	<p>Photo No.2-JNT: Walkthrough between stations 9+900 and 11+356 Photo Date: 26-Nov-2012</p>

19. Attachments

- JNT 19.1 Updated Schedule- Roll-up and One Month Look Ahead**
- JNT 19.2 "S" Curve**
- JNT 19.3 Site Memo Log**
- JNT 19.4 Inspection Request Log**
- JNT 19.5 Submittal Log**
- JNT 19.6 Request for Information Log**
- JNT 19.7 Variation Request and Variation Order Log**

**JNT 19.1 Updated Schedule – Roll-Up
and One Month Look Ahead**

Activity ID	Activity Name	Original Duration	Duration % Complete	Start	Finish	Total Float	O	N	D	J	F	M	A	M	J	J	A	S
Total		298	16.44%	27-Sep-12 A	21-Sep-13	0												
AID-294-TO-12-00002 - Al Jaba' Nuba Main Transmission Pipe		298	16.44%	27-Sep-12 A	21-Sep-13	0												
Milestones		298	36.24%	27-Sep-12 A	21-Sep-13	0												
General Milestones		298	36.24%	27-Sep-12 A	21-Sep-13	0												
Intermediate Milestones		163	0%	07-Feb-13	20-Aug-13	6												20-A
Mobilization		3	100%	15-Oct-12 A	07-Nov-12													
Submittals		290	16.21%	30-Sep-12 A	14-Sep-13	6												
Pre Construction Submittals		45	100%	30-Sep-12 A	25-Nov-12													
Construction Submittals		205	18.05%	11-Oct-12 A	15-Jun-13	6												
Material Submittal & Approval		80	46.25%	11-Oct-12 A	19-Jan-13	131												
Structural/Civil Material Submittal & Approval		80	46.25%	11-Oct-12 A	19-Jan-13	131												
Mechanical Material Submittal & Approval		62	54.84%	15-Oct-12 A	30-Dec-12	56												
General Requirments		85	61.18%	11-Oct-12 A	24-Jan-13	121												
Shop Drawings Submittal & Approval		176	4.55%	19-Nov-12 A	15-Jun-13	6												
Mechanical Shop Drawing Submittal & Approval		108	7.41%	19-Nov-12 A	26-Mar-13	59												
Structural / Civil Shop Drawings Submittal & Approval		140	0%	31-Dec-12	15-Jun-13	6												
Post Construction Submittals		11	0%	02-Sep-13	14-Sep-13	6												
Procurement		114	16.67%	06-Nov-12 A	20-Mar-13	28												
Construction Material & Equipments		30	0%	14-Jan-13	17-Feb-13	32												
Steel Pipes ,Fettings&Valves		135	16.3%	06-Nov-12 A	20-Mar-13	33												
Material Order & Manufacture		120	18.33%	06-Nov-12 A	05-Mar-13	33												
Material Delivery		56	0%	24-Jan-13	20-Mar-13	33												
Execution Phase		163	0%	07-Feb-13	20-Aug-13	6												
Preparing Detours & Apply Traffic Control Plan		6	0%	07-Feb-13	12-Feb-13	7												
Applying Traffic Control Plan/Safety Measurements/Coordination with Local&Israeli Authorities		100	0%	13-Feb-13	23-May-13	87												
SEG.NO.1 Trans. Main (St. 6+400 to St. 7+600)DN 250MM		107	0%	13-Feb-13	18-Jun-13	6												
SEG.NO.2 Trans. Main (St. 7+600 to St. 8+800)DN 250MM		106	0%	18-Feb-13	22-Jun-13	6												
SEG.NO.3 Trans. Main (St. 8+800 to St. 10+000)DN 250MM		104	0%	26-Feb-13	27-Jun-13	6												
SEG.NO.4 Trans. Main (St. 10+000 to St. 11+355.84)DN 250MM		101	0%	09-Mar-13	04-Jul-13	6												
SEG.NO.5 Trans. Main (St. 1+000 to St. 2+200)DN 300MM		98	0%	20-Mar-13	13-Jul-13	6												
SEG.NO.6 Trans. Main (St. 2+200 to St. 3+400)DN 250MM		92	0%	04-Apr-13	21-Jul-13	6												
SEG.NO.7 Trans. Main (St. 3+400 to St. 4+600)DN 250MM		80	0%	22-Apr-13	24-Jul-13	6												
SEG.NO.8 Trans. Main (St. 4+600 to St. 5+800)DN 250MM		73	0%	05-May-13	28-Jul-13	6												
SEG.NO.9 Trans. Main (St. 5+800 to St. 6+400)DN 250MM		64	0%	26-May-13	07-Aug-13	6												
SEG.NO.10 Trans. Main (St. 1+000 to St. 0+004.62)DN 300MM		70	0%	28-May-13	20-Aug-13	6												
Demobilization,Close Out&Handing Over		10	0%	21-Aug-13	01-Sep-13	6												

- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone



AID-294-TO-12-00002 - Al Jaba' Nuba Main Transmission Pipe

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Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float	O	N	D	J	F	M	A	M	J	J	A	S	
AID-294-TO-12-00002 - Al Jaba' Nuba Main Transmission Pipe																			
Submittals																			
Construction Submittals																			
Material Submittal & Approval																			
Structural/Civil Material Submittal & Approval																			
CS-JNT-M103	Approval of Proper Backfilling Material -Test Report/Soil Classification	0	0%		16-Dec-12	49													
CS-JNT-M105	Approval of Bedding Material -Test Report/Soil Classification	0	0%		16-Dec-12	49													
CS-JNT-M107	Approval of Steel Reinforcement -Data Sheet/Certificates	0	0%		22-Dec-12	146													
CS-JNT-M109	Approval of Asphalt (1/2"&3/4") Mix Design	0	0%		16-Dec-12	158													
CS-JNT-M110	Prep.&Submit MC Material	10	20%	26-Nov-12 A	06-Dec-12	140													
CS-JNT-M112	Prep.&Submit Chamber Cover -Details/Data Sheets	8	0%	28-Nov-12	06-Dec-12	125													
CS-JNT-M115	Approval of Base Course -Test Report	0	0%		16-Dec-12	158													
CS-JNT-M117	Approval of Joints Coating Material & Application Procedures	0	0%		24-Dec-12	47													
CS-JNT-M118	Prep.&Submit Welder Qualifications &Welding Procedure Details	10	0%	06-Dec-12	17-Dec-12	27													
CS-JNT-M120	Prep.&Submit of Chamber Ladder Details	10	0%	06-Dec-12	17-Dec-12	116													
CS-JNT-M122	Prep.&Submit Water Proofing Material -Data Sheet	10	0%	06-Dec-12	17-Dec-12	116													
CS-JNT-M155	Approval of Indentification Tape - Sample	0	0%		15-Dec-12	55													
Mechanical Material Submittal & Approval																			
CS-JNT-M128	Prep.&Submit Flanged Gate Valve 250mm PN40 -Data Sheet&Certifica...	2	0%	28-Nov-12	29-Nov-12	32													
CS-JNT-M130	Prep.&Submit Butterfly Valve 300mm PN40 -Data Sheet&Certificates	2	0%	28-Nov-12	29-Nov-12	32													
CS-JNT-M132	Prep.&Submit Air Valves DN80 -Data Sheet&Certificates	2	0%	28-Nov-12	29-Nov-12	56													
CS-JNT-M134	Prep.&Submit Flow Monitoring Water Meter -Data Sheet&Certificates	2	0%	28-Nov-12	29-Nov-12	56													
CS-JNT-M136	Prep.&Submit DN250/300 Washout, 40bar -Data Sheet&Certificates	2	0%	28-Nov-12	29-Nov-12	37													
CS-JNT-M138	Prep.&Submit DN200/250 Washout, 40bar -Data Sheet&Certificates	2	0%	28-Nov-12	29-Nov-12	37													
General Requirments																			
CS-JNT-Mds100	Prep.&Submit Pressure Pipes Testing,Flushing & Disinfection	7	0%	16-Dec-12	23-Dec-12	43													
Shop Drawings Submittal & Approval																			
Mechanical Shop Drawing Submittal & Approval																			
CS-JNT-SD116	Prep&Submit 250mm Pipes Installation Shop Drawing&Details (Sections)	10	50%	19-Nov-12 A	03-Dec-12	30													
CS-JNT-SD118	Prep&Submit 300mm Pipes Installation Shop Drawing&Details (Sections)	10	0%	04-Dec-12	15-Dec-12	30													
CS-JNT-SD120	Prep&Submit Shop Drawing for Flanged Gate Valve Chamber	10	0%	15-Dec-12	26-Dec-12	86													
CS-JNT-SD122	Prep&Submit Shop Drawing for Butterfly Valve Chamber	10	0%	26-Dec-12	09-Jan-13	92													
Procurement																			
Steel Pipes,Fettings&Valves																			
Material Order & Manufacture																			
PRO-JNT 120	1st Order & Manufacture of Steel Pipes&Fittings (FIP)	90	24.44%	06-Nov-12 A	03-Feb-13	7													

■ Actual Work ▼ Summary
■ Remaining Work
■ Critical Remaining Work
◆ Milestone



AID-294-TO-12-00002 - Al Jaba' Nuba Main Transmission Pipe

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JNT 19.2 S Curve

**S- Curve not applicable for the current
reporting period**

JNT 19.3 Site Memo Log



Infrastructure Needs Program II- INP II

Task Order: AID - 294 - TO - 12 - 00002

Project: Al Jaba' Nuba Main Transmission Pipeline Project

Incoming Memoranda from Engineer to CONTRACTOR (EC) Log

Number	Description/Subject	Date Received	Response Date	Comments
No Site Memos were issued during the current reporting Period				



Infrastructure Needs Program II- INP II

Task Order: AID - 294 - TO - 12 - 00002

Project: Al Jaba' Nuba Main Transmission Pipeline Project

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				

JNT 19.4 Inspection Request Log

Inspection Request Log

Task Order: AID - 294 - TO - 12 - 00002
Project: Al Jaba' Nuba Main Transmission Pipeline Project

No.	Request Date	Date Inspection Required	Description of Works Inspected	Sender/ Recipient	1st Inspection		2nd Inspection	
					Response Date	Grade	Response Date	Grade

No Inspection Requests were issued for this project during the current reporting period

JNT 19.5 Submittal Log

Submittal Categories	Submittal Classification	Identifiers:	Resubmittal Alpha Identifier	Submittal Disposition/ Color Coding
PD PRODUCT DATA	PCS Preconstruction	WJN : Task Order No 02 Identifier	First Submittal SUB-02-JNT-001-A	A - No Exceptions Noted
SD SHOP DRAWINGS	CONS Construction	W17 : Project 1 Identifier	First RE-Submittal SUB-02-JNT-001-B	B - Make Corrections Noted
AD ADMINISTRATIVE/OTHER	PSTS Post construction	JNT : Project 2 Identifier	Second Resubmittal SUB-02-JNT-001-C	C- Amend and Resubmit
TR TEST REPORT				D- Rejected- Resubmit
SCH SCHEDULE				E- Review Not Required
RPT REPORT				Submitted Pending Response
SMP SAMPLE				
CO COMPLETION & CLOSEOUT				
MAT MATERIAL				

A	B	C	D	E	F	G	H	I	J	M	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.	Actual Submission Date	Response Needed by (Max. 30 days)	Date Returned to IRD	Total Engineer Response Time	Submittal Disposition (Grade)	Remarks
SUB-002-WJN-012-B	Construction Safety Plan	01040, 01520, 01550, 01560, 01640, 01505	AD	PCS	SUB	WJN	PCS-W17-210 PCS-JNT-210	MOB	A	6-Nov-12	6-Dec-12	13-Nov-12	7	B	
SUB-002-JNT-014-B	Project 60 Days of operation	01311 P1.4	AD	PCS	SUB	JNT	PCS-JNT-130	MOB	B	21-Oct-12	20-Nov-12	31-Oct-12	10	B	
SUB-002-WJN-019-B	IRD Insurance	01505	AD	PCS	SUB	WJN	PCS-W17-100 PCS-JNT-100	MOB	B	11-Nov-12	11-Dec-12	19-Nov-12	8	E	
SUB-002-JNT-020-B	Subcontractor Insurance	01505	AD	PCS	SUB	JNT	PCS-JNT-100	MOB	B	11-Nov-12	11-Dec-12	19-Nov-12	8	E	
SUB-002-JNT-021-B	Construction Method Statement	N.A.	AD	PCS	SUB	JNT	PCS-JNT-240	MOB	B	6-Nov-12	6-Dec-12	11-Nov-12	5	B	
SUB-002-JNT-024-A	Concrete Mix Design	03300, 1.2 A&B	TR	PCS	SUB	JNT	CS-JNT-M100	MOB	A	11-Oct-12	10-Nov-12	5-Nov-12	25	B	
SUB-002-JNT-024-B	Concrete Mix Design	03300, 1.2 A&B	TR	PCS	SUB	JNT	CS-JNT-M100	MOB	B	12-Nov-12	12-Dec-12	19-Nov-12	7	B	
SUB-002-JNT-025-B	Dilapidation Survey	01532, Part 3-3.1	AD	PCS	SUB	JNT	PCS-JNT-270	MOB	B	12-Nov-12	12-Dec-12	20-Nov-12	8	B	
SUB-002-JNT-030-A	Traffic Control Plan	01040, 01550	AD	PCS	SUB	JNT	PCS-JNT-220	MOB	A	11-Oct-12	10-Nov-12	31-Oct-12	20	C	
SUB-002-JNT-030-B	Traffic Control Plan	01040, 01550	AD	PCS	SUB	JNT	PCS-JNT-220	MOB	A	6-Nov-12	6-Dec-12	13-Nov-12	7	B	
SUB-002-WJN-031-A	QA/QC	01400, Basic IQC Contract Section C.9.5	AD	PCS	SUB	WJN	PCS-W17-200 PCS-JNT-200	MOB	A	11-Oct-12	10-Nov-12	5-Nov-12	25	B	
SUB-002-WJN-042-A	Pipes and Fittings Product Data	15025, 15000, 02571	PD	PCS	SUB	WJN	CS-W17-321 CS-JNT-M124	MOB	A	30-Oct-12	29-Nov-12	5-Nov-12	6	B	
SUB-002-JNT-045-A	Storage yard Submittal	01505-Mobilization Sections 1.1.B & 1.1F-8	SD	PCS	SUB	JNT	PCS-JNT-180	MOB	A	6-Nov-12	6-Dec-12	11-Nov-12	5	B	
SUB-002-JNT-046-A	Shop drawings for Main Transmission Pipeline between St. 6+400 to St. 7+900	Section 01300 -Part 1.3 Shop Drawings	SD	CONS	SUB	JNT	CS-JNT-SD 116	MOB	A	6-Nov-12	6-Dec-12	14-Nov-12	8	B	
SUB-002-WJN-048-A	Breakdown Analysis for W17& JNT					WJN			A	15-Nov-12	15-Dec-12				
SUB-002-WJN-049-A	Excavation & Trenching Safety Plan	Section 01537-TRENCH SAFETY SYSTEM	AD	PCS	SUB	WJN	PCS-W17-210 PCS-JNT-210	MOB	A	11-Nov-12	11-Dec-12	12-Nov-12	1	B	
SUB-002-JNT-050-A	Original CPM Construction Schedule	Section 1310	SCM	PCS	SUB	JNT	PCS-JNT-250	MOB	A	11-Nov-12	11-Dec-12				
SUB-002-JNT-054-A	Base course material	02200-Parag. 2.1 C7	TR	CONS	SUB	JNT	CS-JNT-M114		A	12-Nov-12	12-Dec-12	12-Nov-12	0	C	
SUB-002-JNT-054-B	Base course material	02200-Parag. 2.1 C7	TR	CONS	SUB	JNT	CS-JNT-M114		B	17-Nov-12	17-Dec-12				
SUB-002-JNT-055-A	Bedding Material -Granular Fill		TR	CONS	SUB	JNT	CS-JNT-M104		A	12-Nov-12	12-Dec-12	12-Nov-12	0	D	
SUB-002-JNT-055-B	Bedding Material -Granular Fill-Submitted 17-Nov-12	02200-Parag. 2.1 c1& 2	TR	CONS	SUB	JNT	CS-JNT-M104		B						retracted on November 25, 2012
SUB-002-JNT-055-B	Bedding Material	02200-Parag. 2.1 c1& 2	TR	CONS	SUB	JNT	CS-JNT-M104		B	26-Nov-12	26-Dec-12				
SUB-002-JNT-056-A	Single Size Aggregate	02200-Parag. 2.1 C/single size	TR	CONS	SUB	JNT	CS-JNT-M102		A	12-Nov-12	12-Dec-12	12-Nov-12	0	C	
SUB-002-JNT-056-B	Single Size Aggregate	02200-Parag. 2.1 C/single size	TR	CONS	SUB	JNT	CS-JNT-M102		B	17-Nov-12					
SUB-002-JNT-058-A	Asphalt mix design 1/2" & 3/4"	2460	TR	CONS	SUB	JNT	CS-JNT-M108		A	17-Nov-12					
SUB-002-JNT-059-A	Identification Tape (Product data & sample)	02200 parag. 2.3 B & C	PD	CONS	SUB	JNT	CS-JNT-M155		A	15-Nov-12	15-Dec-12	19-Nov-12	4	C	
SUB-002-JNT-059-B	Identification Tape (Product data & sample)	02200 parag. 2.3 B & C	PD	CONS	SUB	JNT	CS-JNT-M155		B	21-Nov-12	21-Dec-12				
SUB-002-JNT-063-A	MC (Prime Coat) and RC (Tack Coat)	Section 02460 1.4 C1 a, d2.4 and 2.5	PD	CONS	SUB	JNT	CS-JNT-M110		A	19-Nov-12	19-Dec-12				
SUB-002-JNT-064-A	Reinforcement Steel-Manufacture Data & Tests	01300/03200-parag. 1.2 C	PD	CONS	SUB	JNT	CS-JNT-M106		A	21-Nov-12	21-Dec-12	22-Nov-12	1	B	
SUB-002-JNT-065-A	Shop drawings for Main Transmission Pipeline between St. 7+900 to St. 9+900	1300 P1.3	SD	PCS	SUB	JNT	PCS-JNT-SD-116		A	21-Nov-12	21-Dec-12				

JNT 19.6 Request for Information Log

Task Order: AID - 294 - TO - 12 - 00002

Project: Project 1: Well #17 Pump Station and Conveyance System
 Project 2: Al Jaba' Nuba Main Transmission Pipeline Project

Request for Information Log

RFI No.	Subject of RFI	BOQ item no.	Specification no.	Drawing no.	Date Submitted to Engineer	Response Date from Engineer	No. of Days for Engineer Response	Status	Engineer Response	Potential Change Order
RFI-02-WJN-C-E-008	Substitution of the New Jersey Barriers with Steel Mini Guard	N/A	RFTOP WATER-294-12-000014 Section C4.A		8-Nov-12	20-Nov-12	12	Answered	Contractor proposal is acceptable at no additional time cost impact on the project.	

JNT 19.7 Variation Request and Variation Order Log



Task Order: AID - 294 - TO - 12 - 00002

Project: Al Jaba' Nuba Main Transmission Pipeline Project

Variation Order Request /VOR Log

VO	Date	Status	Subject	USAID Approval Date	Original Task Order Amount			Previous Task order Amount			Revised Task Order Amount			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					

No VORs were issued during the reporting period

Task Order: AID - 294 - TO - 12 - 00002

Project: Al Jaba' Nuba Main Transmission Pipeline Project

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	Original Contract Duration	Previous VO Time Extension	VO Time Extension	Original Completion Date
					BOQ	Day Work	Total	BOQ	Day Work	Total	BOQ	Day Work	Total					

No Variation Orders were issued during the current reporting period