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## Infrastructure Needs Program II (INP II)

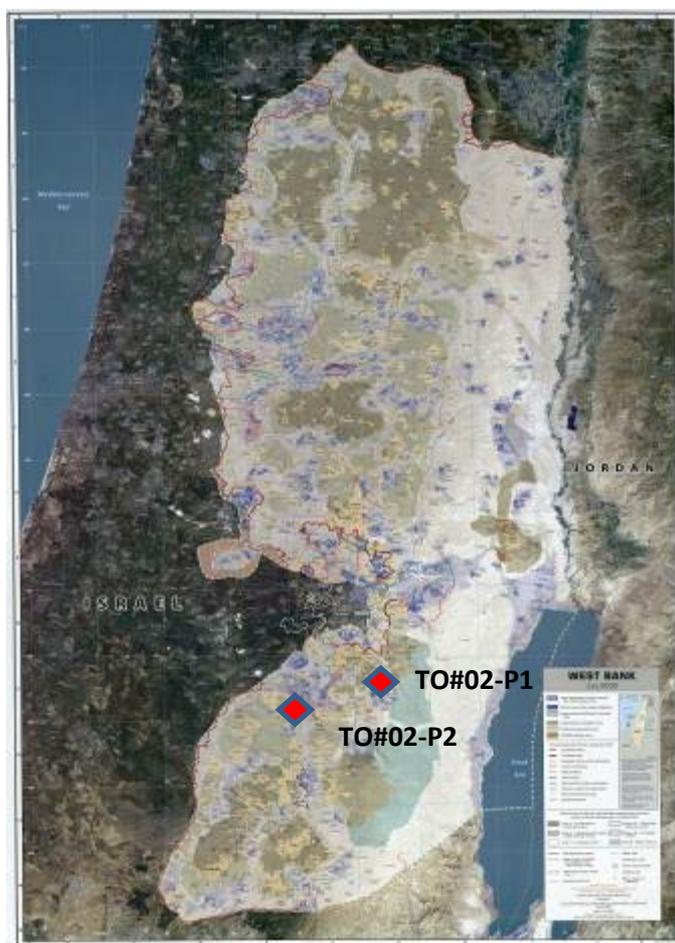
### CONSTRUCTION MONTHLY PROGRESS REPORT Month of March, 2013

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)



April 2, 2013



## **Infrastructure Needs Program II (INP II)**

### **Construction Monthly Progress Report Month of March, 2013**

#### **TO No. 2**

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

**Prime Contractor:**

**International Relief and Development, Inc. (IRD)**

**Subcontractor:**

**Al Abassi General Contractors Company Ltd.**

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### 1. Public Relation and Outreach

Not applicable due to handing over the Well Site to the PWA on February 07, 2013.

### 2. Safety and Environmental Status

Not applicable due to handing over the Well Site to the PWA on February 07, 2013.

### 3. Security Coordination

Not applicable due to handing over the Well Site to the PWA on February 07, 2013.

### 4. Material or Equipment Delivered to Site

None, due to handing over the Well Site to the PWA on February 07, 2013.

### 5. Progress and Scheduling

The following table provides a summary of the project progress status

Item	Percentage
Planned percentage complete	N.A. Project suspended on December 19, 2012, terminated on January 9, 2013 and handed over to the PWA on February 07, 2013.
Actual percentage complete	4.35%
Elapsed Time	24.36 % (up to handover to PWA on February 7, 2013)

**Table 5.1-W17-Progress Summary Table**

Project Overall Status: Project Site handed over to the PWA on February 07, 2013.

#### **Submittal Status:**

Not applicable due to handing over of the Well Site to the PWA on February 07, 2013.

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

None, due to handing over the Well Site to the PWA on February 07, 2013.

### 7. Updated Schedule

Not applicable for this project due to handing over of the project site to the PWA on February 07, 2013.

### 8. Site Memos

Not applicable due to handing over of the Well Site to the PWA on February 07, 2013.

### 9. Inspection Requests

Not applicable due to handing over of the Well Site to the PWA on February 07, 2013.

### 10. Test Reports

Not applicable due to handing over of the Well Site to the PWA on February 07, 2013.

### 11. Request for Information

Not applicable due to handing over of the Well Site to the PWA on February 07, 2013.

### 12. Summary of Payments and Accrued Expenditures

One payment was submitted during the current reporting period, the submitted payment covers the performance period from December 20, 2012 through March 10, 2013; the following table provides a summary of the payment status.

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						
3	20-Dec-12	10-Mar-13	\$ 128,588.56	\$358,213.45	\$ 486,802.01	14-Mar-13	19-Mar-13	Not Paid

Table 12.1-W17-Payment Summary

The accrued amount through the end of this reporting period is \$ 128,588.56.

### 13. Variation Orders and Variation Order Requests

VO#2 (Changes in Requirements) had been issued on February 27, 2013 and approved on March 01<sup>st</sup>, 2013 which is pertinent to "Furnish and deliver 300 mm steel pipe to DAI storage yard in Tamun with its associated heat shrinkable sheets".

### 14. Operation, Maintenance and Training

This section is not applicable.

## 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 (after receiving "Notice of Partial Termination" on January 9, 2013)	None
6.	Accumulated Working Days	87 Calendar Days
7.	Total No. of non-working days(Holidays and weekends) during this month	N/A
8.	Accumulated non-working days (Holidays and weekends)	25
9.	No. of other non-working days (notice of partial termination received on January 9, 2013) during this month	N/A
10.	Accumulated other non-working days	22

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 <sup>3</sup> / hrs. = 2,400 m <sup>3</sup> /day
The average consumption rate of Palestinians (per capita) for Hebron and Bethlehem	(14629240+8150014)m <sup>3</sup> /365 day / (196053+614257)capita = 0.077 m <sup>3</sup> /Capita/Day
No. of Beneficiaries	2,400/0.077=31,169

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; 1,436 person days;
- Employment generated this month; zero person days;
- Total cumulative employment generated to-date after February 07, 2013 1,436 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
Settlement with the Client	Settlement with the Client due to Project 1 termination.	IRD & Client	IRD is working on the settlement proposal as per received Notice of partial termination and F.A.R.

**Table 17.1-W17-Problems and Issues Summary Table**

## 18. Construction Photos

Not applicable due to handing over of the Well Site to the PWA on February 07, 2013.



## **Infrastructure Needs Program II (INP II)**

### **Construction Monthly Progress Report Month of March, 2013**

#### **TO No. 2**

**Project 2: Al Jaba' Nuba Main Transmisison Pipeline**

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:

- Taking photos that show the project related activities;
- Distributing flyers for JNT project to the residents of Surif Village.

## 2. Safety and Environmental Status

During the month of March 2013, IRD continued the implementation of the approved Safety Plan.

### **Traffic Management:**

IRD continued with the implementation of the approved traffic control plan with one lane maintained opened to facilitate public traffic movement with the necessary and required installation of directional signs and mini guard and the presence of flagmen at all times at each end during construction work to direct the traffic flow.

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 the original traffic control plan did not include detours. However, due to the use of the trencher, BV and IRD discussed and agreed to the necessity of modifying the original traffic plan to match the usage of the trencher and a detour was added between St. 0+900 and St. 0+300.

IRD and B&V have agreed to work at night shift for the period between March 14 to March 20, 2013 starting at 7:00 pm and ending at 7:00 am of the next day between stations 0+900 and 1+500. IRD took all safety measures for working during the night shift in addition to providing sufficient lighting facilities on site of work and vehicles to transport local residents and for emergency cases. IRD provided two lighting projectors in addition to two vehicles at both ends of the construction zone for any emergency or local residence transportation. Prior to starting the night shift construction, public notification had been made through the mosques and by distribution of flyers in coordination with Surif municipality. Moreover two project vehicles were mobilized at both ends with two flashers on top of them in case of any emergency.

### **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.

Additionally, two safety tool box meeting were conducted during the current reporting period.

**Accident Status:**

During the current reporting period one (1) accident occurred, and an accident investigation report No.AIR-02-JNT-C-E-002 was submitted to document the happenings of the incident. The following is a summary of the incident details:

- Location: Sureef work site (St. 1+800)
- Time/Date: 10-March-2013, 2:00 PM
- Description: While the welding inspector was checking the pipe angle inside the trench he slid in the trench and a minor fracture in the bottom of the left foot occurred to him. The Welding Inspector was transferred to the emergency room of Al-Ahli Hospital for immediate medical treatment.
- No. of Workers Impaired: 1

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

Particulars	Current Month
First Aid Cases	0
Lost Time Cases	1
Total Hours Lost	7 days x 8 hrs. = 56 hrs.

**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 continued regular communication and organized several meetings with Hebron DCL 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
Thorough the reporting period.	1. Ivica Nisandzic, IRD DCOP/CM 2. Ibrahim Ansari, BV Sec. Coordinator 3. Hebron DCL Liaison Officer 4. Fouad Salman, USAID	Regular coordination and communication (e-mails and over the phone) in order to get approval to remove temporary barriers at St.0+060 and St.0+246. Approval received on March 25, 2013.

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	28-Feb-13	Truck	3	10	0
2	28-Feb-13	Welding Machine	1	10	1
3	28-Feb-13	4*4 Car	2	10	0
4	28-Feb-13	Trencher	1	10	0
5	28-Feb-13	JCB	2	10	0
6	28-Feb-13	Bobcat	2	10	0
7	28-Feb-13	Mobile Crane	1	10	0
8	28-Feb-13	compactor (JCB-VMD 120)	1	10	0
9	28-Feb-13	compactor (BOMAG-BW75)	1	10	0
10	28-Feb-13	Asphalt Cutting Saw	0	0	1
11	28-Feb-13	Water Tank Truck	1	10	0
12	1-Mar-13	MC Spraying Truck	1	3	0
13	2-Mar-13	Truck	3	10	0
14	2-Mar-13	Welding Machine	1	10	1
15	2-Mar-13	4*4 Car	2	10	0
16	2-Mar-13	Trencher	1	10	0
17	2-Mar-13	Bobcat	2	10	0
18	2-Mar-13	Mobile Crane	1	10	0
19	2-Mar-13	compactor (JCB-VMD 120)	1	10	0
20	2-Mar-13	compactor (BOMAG-BW75)	1	10	0
21	2-Mar-13	Asphalt Cutting Saw	0	0	1
22	2-Mar-13	Water Tank Truck	1	10	0
23	2-Mar-13	Wheel Excavator	1	4	0
24	3-Mar-13	Truck	3	10	0
25	3-Mar-13	Welding Machine	1	10	1
26	3-Mar-13	4*4 Car	2	10	0
27	3-Mar-13	Trencher	1	10	0
28	3-Mar-13	Wheel Roller	1	10	0
29	3-Mar-13	Bobcat	2	10	0
30	3-Mar-13	Mobile Crane	1	10	0
31	3-Mar-13	compactor (JCB-VMD 120)	1	10	0
32	3-Mar-13	compactor (BOMAG-BW75)	1	10	0
33	3-Mar-13	Asphalt Cutting Saw	1	4	0
34	3-Mar-13	Water Tank Truck	1	10	0
35	3-Mar-13	JCB	2	10	0
36	4-Mar-13	Truck	3	10	0
37	4-Mar-13	Welding Machine	1	10	1
38	4-Mar-13	4*4 Car	2	10	0
39	4-Mar-13	Trencher	1	10	0
40	4-Mar-13	Wheel Roller	1	10	0
41	4-Mar-13	Bobcat	2	10	0
42	4-Mar-13	Mobile Crane	1	10	0
43	4-Mar-13	compactor (JCB-VMD 120)	1	10	0
44	4-Mar-13	compactor (BOMAG-BW75)	1	10	0
45	4-Mar-13	Asphalt Cutting Saw	1	5	0
46	4-Mar-13	Water Tank Truck	1	10	0
47	4-Mar-13	JCB	2	10	0
48	5-Mar-13	Truck	3	10	0
49	5-Mar-13	Welding Machine	1	10	1
50	5-Mar-13	4*4 Car	2	10	0
51	5-Mar-13	Trencher	1	10	0
52	5-Mar-13	Wheel Roller	0	0	1
53	5-Mar-13	Bobcat	2	10	0
54	5-Mar-13	Mobile Crane	1	10	0
55	5-Mar-13	compactor (JCB-VMD 120)	1	10	0
56	5-Mar-13	compactor (BOMAG-BW75)	1	10	0
57	5-Mar-13	Asphalt Cutting Saw	1	5	0
58	5-Mar-13	Water Tank Truck	1	10	0
59	5-Mar-13	JCB	2	10	0
60	6-Mar-13	Truck	3	10	0

Equipment on Site					
No.	Date	Description	Quantity in use	Hours	Quantity Idle
61	6-Mar-13	Welding Machine	1	10	1
62	6-Mar-13	4*4 Car	2	10	0
63	6-Mar-13	Trencher	1	10	0
64	6-Mar-13	Wheel Roller	0	0	1
65	6-Mar-13	Bobcat	2	10	0
66	6-Mar-13	Mobile Crane	1	10	0
67	6-Mar-13	compactor (JCB-VMD 120)	1	10	0
68	6-Mar-13	compactor (BOMAG-BW75)	1	10	0
69	6-Mar-13	Asphalt Cutting Saw	1	5	0
70	6-Mar-13	Water Tank Truck	1	10	0
71	6-Mar-13	JCB	2	10	0
72	7-Mar-13	Truck	3	10	0
73	7-Mar-13	Welding Machine	1	10	1
74	7-Mar-13	4*4 Car	2	10	0
75	7-Mar-13	Trencher	1	10	0
76	7-Mar-13	Wheel Roller	0	0	1
77	7-Mar-13	Bobcat	2	10	0
78	7-Mar-13	Mobile Crane	1	10	0
79	7-Mar-13	compactor (JCB-VMD 120)	0	0	1
80	7-Mar-13	compactor (BOMAG-BW75)	1	10	0
81	7-Mar-13	Asphalt Cutting Saw	0	0	1
82	7-Mar-13	Water Tank Truck	1	10	0
83	7-Mar-13	JCB	2	10	0
84	9-Mar-13	Truck	3	10	0
85	9-Mar-13	Welding Machine	1	10	1
86	9-Mar-13	4*4 Car	2	10	0
87	9-Mar-13	Trencher	1	10	0
88	9-Mar-13	Wheel Roller	0	0	1
89	9-Mar-13	Bobcat	2	10	0
90	9-Mar-13	Mobile Crane	1	10	0
91	9-Mar-13	compactor (JCB-VMD 120)	0	0	1
92	9-Mar-13	compactor (BOMAG-BW75)	1	10	0
93	9-Mar-13	Asphalt Cutting Saw	0	0	1
94	9-Mar-13	Water Tank Truck	1	10	0
95	9-Mar-13	JCB	1	10	0
96	10-Mar-13	Truck	3	10	0
97	10-Mar-13	Welding Machine	1	10	1
98	10-Mar-13	4*4 Car	2	10	0
99	10-Mar-13	Trencher	1	10	0
100	10-Mar-13	Wheel Roller	0	0	1
101	10-Mar-13	Bobcat	2	10	0
102	10-Mar-13	Mobile Crane	1	10	0
103	10-Mar-13	compactor (JCB-VMD 120)	0	0	1
104	10-Mar-13	compactor (BOMAG-BW75)	1	10	0
105	10-Mar-13	Asphalt Cutting Saw	1	2	0
106	10-Mar-13	Water Tank Truck	1	10	0
107	10-Mar-13	JCB	1	10	0
108	11-Mar-13	Truck	3	10	0
109	11-Mar-13	Welding Machine	1	10	1
110	11-Mar-13	4*4 Car	2	10	0
111	11-Mar-13	Trencher	1	10	0
112	11-Mar-13	Wheel Roller	0	0	1
113	11-Mar-13	Bobcat	2	10	0
114	11-Mar-13	Mobile Crane	1	5	0
115	11-Mar-13	compactor (JCB-VMD 120)	0	0	1
116	11-Mar-13	compactor (BOMAG-BW75)	1	10	0
117	11-Mar-13	Asphalt Cutting Saw	1	5	0
118	11-Mar-13	Water Tank Truck	1	10	0
119	11-Mar-13	JCB	2	10	0
120	12-Mar-13	Truck	3	10	0

Equipment on Site					
No.	Date	Description	Quantity in use	Hours	Quantity Idle
121	12-Mar-13	Welding Machine	1	10	1
122	12-Mar-13	4*4 Car	2	10	0
123	12-Mar-13	Trencher	0	0	1
124	12-Mar-13	Wheel Roller	0	0	1
125	12-Mar-13	Bobcat	2	10	0
126	12-Mar-13	Mobile Crane	1	10	0
127	12-Mar-13	compactor (JCB-VMD 120)	0	0	1
128	12-Mar-13	compactor (BOMAG-BW75)	1	10	0
129	12-Mar-13	Asphalt Cutting Saw	0	0	2
130	12-Mar-13	Water Tank Truck	1	10	0
131	12-Mar-13	JCB	1	10	0
132	13-Mar-13	Truck	3	10	0
133	13-Mar-13	Welding Machine	1	10	1
134	13-Mar-13	4*4 Car	2	10	0
135	13-Mar-13	Trencher	1	10	0
136	13-Mar-13	Wheel Roller	1	10	0
137	13-Mar-13	Bobcat	2	10	0
138	13-Mar-13	Mobile Crane	1	10	0
139	13-Mar-13	compactor (JCB-VMD 120)	1	10	0
140	13-Mar-13	compactor (BOMAG-BW75)	1	10	0
141	13-Mar-13	Asphalt Cutting Saw	1	2	1
142	13-Mar-13	Water Tank Truck	1	10	0
143	13-Mar-13	JCB	2	10	0
144	13-Mar-13	Night Lighting Projectors with	2	10	0
145	14-Mar-13	Truck	3	10	0
146	14-Mar-13	Welding Machine	2	10	1
147	14-Mar-13	4*4 Car	2	10	0
148	14-Mar-13	Trencher	1	10	0
149	14-Mar-13	Wheel Roller	1	10	0
150	14-Mar-13	Bobcat	2	10	0
151	14-Mar-13	Mobile Crane	1	10	0
152	14-Mar-13	compactor (JCB-VMD 120)	1	10	0
153	14-Mar-13	compactor (BOMAG-BW75)	1	10	0
154	14-Mar-13	Asphalt Cutting Saw	0	0	2
155	14-Mar-13	Water Tank Truck	1	10	0
156	14-Mar-13	JCB	3	10	0
157	14-Mar-13	Night Lighting Projectors with	2	10	0
158	15-Mar-13	Truck	3	10	0
159	15-Mar-13	Welding Machine	2	10	1
160	15-Mar-13	4*4 Car	2	10	0
161	15-Mar-13	Trencher	1	10	0
162	15-Mar-13	Wheel Roller	0	0	1
163	15-Mar-13	Bobcat	2	10	0
164	15-Mar-13	Mobile Crane	1	10	0
165	15-Mar-13	compactor (JCB-VMD 120)	0	0	1
166	15-Mar-13	compactor (BOMAG-BW75)	1	10	0
167	15-Mar-13	Asphalt Cutting Saw	0	0	2
168	15-Mar-13	Water Tank Truck	1	10	0
169	15-Mar-13	JCB	2	10	0
170	15-Mar-13	Night Lighting Projectors with	2	10	0
171	16-Mar-13	Truck	3	10	0
172	16-Mar-13	Welding Machine	2	10	1
173	16-Mar-13	4*4 Car	2	10	0
174	16-Mar-13	Trencher	1	10	0
175	16-Mar-13	Wheel Roller	0	0	1
176	16-Mar-13	Bobcat	2	10	0
177	16-Mar-13	Mobile Crane	1	10	0
178	16-Mar-13	compactor (JCB-VMD 120)	0	0	1
179	16-Mar-13	compactor (BOMAG-BW75)	1	10	0
180	16-Mar-13	Asphalt Cutting Saw	1	3	1

Equipment on Site					
No.	Date	Description	Quantity in use	Hours	Quantity Idle
181	16-Mar-13	Water Tank Truck	1	10	0
182	16-Mar-13	JCB	2	10	0
183	16-Mar-13	Night Lighting Projectors with	2	10	0
184	16-Mar-13	Road Steel Roller Compactor	1	10	0
185	16-Mar-13	Road Grader	1	10	0
186	17-Mar-13	Welding Machine	1	8	2
187	17-Mar-13	4*4 Car	1	10	0
188	17-Mar-13	Trencher	0	0	1
189	17-Mar-13	Wheel Roller	0	0	1
190	17-Mar-13	Bobcat	0	0	2
191	17-Mar-13	Mobile Crane	0	0	1
192	17-Mar-13	compactor (JCB-VMD 120)	0	0	1
193	17-Mar-13	compactor (BOMAG-BW75)	0	0	1
194	17-Mar-13	Asphalt Cutting Saw	0	0	1
195	17-Mar-13	Water Tank Truck	0	0	1
196	17-Mar-13	JCB	1	1	1
197	17-Mar-13	Night Lighting Projectors with	0	0	2
198	18-Mar-13	Dumping Truck	3	10	0
199	18-Mar-13	Welding Machine	2	10	1
200	18-Mar-13	4*4 Car	2	10	0
201	18-Mar-13	Trencher	1	10	0
202	18-Mar-13	Trailer	1	4	0
203	18-Mar-13	Bobcat	2	10	0
204	18-Mar-13	Mobile Crane	1	10	0
205	18-Mar-13	compactor (JCB-VMD 120)	0	0	1
206	18-Mar-13	compactor (BOMAG-BW75)	1	10	0
207	18-Mar-13	Asphalt Cutting Saw	0	0	1
208	18-Mar-13	Water Tank Truck	1	10	0
209	18-Mar-13	JCB	2	10	0
210	18-Mar-13	Night Lighting Projectors with	2	10	0
211	18-Mar-13	Mobile Crane	1	4	0
212	19-Mar-13	Dumping Truck	3	10	0
213	19-Mar-13	Welding Machine	2	10	1
214	19-Mar-13	4*4 Car	2	10	0
215	19-Mar-13	Trencher	1	10	0
216	19-Mar-13	Bobcat	2	10	0
217	19-Mar-13	Mobile Crane	1	10	0
218	19-Mar-13	compactor (JCB-VMD 120)	0	0	1
219	19-Mar-13	compactor (BOMAG-BW75)	1	10	0
220	19-Mar-13	Asphalt Cutting Saw	0	0	1
221	19-Mar-13	Water Tank Truck	1	10	0
222	19-Mar-13	JCB	2	10	0
223	19-Mar-13	Night Lighting Projectors with	2	10	0
224	20-Mar-13	Dumping Truck	3	10	0
225	20-Mar-13	Welding Machine	2	10	1
226	20-Mar-13	4*4 Car	2	10	0
227	20-Mar-13	Trencher	1	10	0
228	20-Mar-13	Bobcat	2	10	0
229	20-Mar-13	Mobile Crane	1	10	0
230	20-Mar-13	compactor (JCB-VMD 120)	0	0	1
231	20-Mar-13	compactor (BOMAG-BW75)	2	10	0
232	20-Mar-13	Asphalt Cutting Saw	0	0	1
233	20-Mar-13	Water Tank Truck	1	10	0
234	20-Mar-13	JCB	3	10	0
235	20-Mar-13	Night Lighting Projectors with	2	10	0
236	21-Mar-13	Dumping Truck	0	0	0
237	21-Mar-13	Welding Machine	0	0	3
238	21-Mar-13	4*4 Car	0	0	0
239	21-Mar-13	Trencher	0	0	1
240	21-Mar-13	Bobcat	0	0	2

Equipment on Site					
No.	Date	Description	Quantity in use	Hours	Quantity Idle
241	21-Mar-13	Mobile Crane	0	0	1
242	21-Mar-13	compactor (JCB-VMD 120)	0	0	1
243	21-Mar-13	compactor (BOMAG-BW75)	0	0	2
244	21-Mar-13	Asphalt Cutting Saw	0	0	1
245	21-Mar-13	Water Tank Truck	0	0	1
246	21-Mar-13	JCB	0	0	2
247	23-Mar-	Dumping Truck	3	10	0
248	23-Mar-	Welding Machine	1	10	2
249	23-Mar-	4*4 Car	2	10	0
250	23-Mar-	Trencher	1	10	0
251	23-Mar-	Bobcat	2	10	0
252	23-Mar-	Mobile Crane	1	10	0
253	23-Mar-	compactor (JCB-VMD 120)	0	0	0
254	23-Mar-	compactor (BOMAG-BW75)	2	10	0
255	23-Mar-	Asphalt Cutting Saw	0	0	1
256	23-Mar-	Water Tank Truck	1	10	0
257	23-Mar-	JCB	2	10	0
258	23-Mar-	Night Lighting Projectors with	0	0	2
259	23-Mar-	Trailer	1	4	0
260	23-Mar-	Mobile Crane	1	4	0
261	24-Mar-	Dumping Truck	3	10	0
262	24-Mar-	Welding Machine	0	0	3
263	24-Mar-	4*4 Car	2	10	0
264	24-Mar-	Trencher	1	10	0
265	24-Mar-	Bobcat	2	10	0
266	24-Mar-	Mobile Crane	0	0	1
267	24-Mar-	compactor (JCB-VMD 120)	0	0	0
268	24-Mar-	compactor (BOMAG-BW75)	0	0	2
269	24-Mar-	Asphalt Cutting Saw	1	5	0
270	24-Mar-	Water Tank Truck	1	10	0
271	24-Mar-	JCB	3	10	0
272	24-Mar-	Night Lighting Projectors with	0	0	2
273	24-Mar-	Mobile Crane	1	4	0
274	25-Mar-	Dumping Truck	3	10	0
275	25-Mar-	Welding Machine	0	0	3
276	25-Mar-	4*4 Car	2	10	0
277	25-Mar-	Trencher	1	10	0
278	25-Mar-	Bobcat	2	10	0
279	25-Mar-	Mobile Crane	0	0	1
280	25-Mar-	compactor (JCB-VMD 120)	1	10	0
281	25-Mar-	compactor (BOMAG-BW75)	0	0	1
282	25-Mar-	Asphalt Cutting Saw	1	5	0
283	25-Mar-	Water Tank Truck	1	10	0
284	25-Mar-	JCB	2	10	0
285	25-Mar-	Night Lighting Projectors with	0	0	2
286	25-Mar-	Mobile Crane	0	0	1
287	26-Mar-	Dumping Truck	3	10	0
288	26-Mar-	Welding Machine	1	10	2
289	26-Mar-	4*4 Car	2	10	0
290	26-Mar-	Trencher	1	10	0
291	26-Mar-	Bobcat	2	10	0
292	26-Mar-	Mobile Crane	1	10	0
293	26-Mar-	compactor (JCB-VMD 120)	1	10	0
294	26-Mar-	compactor (BOMAG-BW75)	1	10	1
295	26-Mar-	Asphalt Cutting Saw	1	2	0
296	26-Mar-	Water Tank Truck	1	10	0
297	26-Mar-	JCB	2	10	0
298	26-Mar-	Night Lighting Projectors with	0	0	2

**Table 4.1-JNT Equipment on Site**

Material Delivered to Site					
No.	Date	Item	Description	QTY	Location
1.	Feb.28.2013	Base course	supplying base course to the site	40 CM	Storage Area -St. 0+950
2.		Somsom	supplying Somsom to the site	80 CM	Site working area-St. 2+500
3.		single size aggregate	supplying single size to the site	100 CM	Site working area-St. 2+500
4.	Mar.2.2013	Base course	supplying base course to the site	40 CM	Storage Area -St. 0+950
5.		Somsom	supplying Somsom to the site	60 CM	Site working area-St. 2+500
6.		single size aggregate	supplying single size to the site	20 CM	Site working area-St. 2+500
7.		Asphalt	supplying to the site	54800kg	St. 8+900 -St.8+480
8.	Mar.3.2013	Asphalt	supplying to the site	65600kg	St. 8+480 -St.8+010
9.	Mar.4.2013	Asphalt	supplying to the site	66900kg	St. 8+010 -St.7+520
10.		Ready Mix Concrete (B200)	supplying to the site	16 CM	St. 2+330 -St.2+242
11.		Base course	supplying base course to the site	20 CM	Storage Area -St. 0+950
12.		single size aggregate	supplying single size to the site	20 CM	Site working area-St. 2+300
13.					
14.					
15.	Mar.5.2013	Ready Mix Concrete (B200)	supplying to the site	9 CM	St. 2+242 -St.2+192
16.		Base course	supplying base course to the site	20 CM	Storage Area -St. 0+950
17.		Somsom	supplying Somsom to the site	80 CM	Site working area-St. 2+242 to station 2+190
18.	Mar.6.2013	Ready Mix Concrete (B200)	supplying to the site	9 CM	St. 2+192 -St.2+142
19.		Base course	supplying base course to the site	40 CM	Storage Area -St. 0+950
20.		Somsom	supplying Somsom to the site	60 CM	Site working area-St. 2+190 to station 2+050
21.		single size aggregate	supplying single size to the site	20 CM	Site working area-St. 2+190 to station 2+050
22.	Mar.7.2013	single size aggregate	supplying single size to the site	40 CM	Site working area-St. 2+050 to station 1+950
23.		Base course	supplying base course to the site	20 CM	Storage Area -St. 0+950
24.		Somsom	supplying Somsom to the site	60 CM	Site working area-St. 2+050 to station 1+950
25.					
26.					
27.					
28.					
29.					
30.	Mar.9.2013	single size aggregate	supplying single size to the site	40 CM	Site working area-St. 1+940 to station 1+850

Material Delivered to Site					
No.	Date	Item	Description	QTY	Location
31.		Base course	supplying base course to the site	20 CM	Storage Area -St. 0+950
32.		Somsom	supplying Somsom to the site	60 CM	Site working area-St. 1+940 to station 1+850
33.	Mar.10.2013	single size aggregate	supplying base course to the site	20 CM	Storage Area -St. 0+950
34.		Base course	supplying Somsom to the site	80 CM	Site working area-St. 1+940 to station 1+850
35.		Somsom		10	Fabrication Shop
36.	Mar.11.2013	single size aggregate	supplying single size to the site	40 CM	Site working area-St. 1+790 to station 1+720
37.		Base course	supplying base course to the site	60 CM	Storage Area -St. 0+950
38.		Somsom	supplying Somsom to the site	80 CM	Site working area-St. 1+790 to station 1+720
39.		12-inch SCH20 Welded Steel Pipes	supplying to the site	363.96-30 pipes	Storage yard- station 2+700
40.		12-inch Heat Shrinkable Sheets	supplying to the site	30 pieces	Storage yard- station 2+700
41.	Mar.12.2013	Somsom	supplying Somsom to the site	40 CM	Site working area-St. 1+670 to station 1+620
42.		Ready Mix Concrete (B200)	supplying to the site	36CM	Road Culver and pipeline trench from St.1+727 to St. 1+686 and St.1+677 to St. 1+648
43.		16mm Reinforcement Steel Bars	supplying to the site	1438 Kg	ARV Chamber -Station 7+870
44.		12" -45 Degree	supplying to the site	3 pieces	site office
45.	Mar.13.2013	Somsom	supplying Somsom to the site	60 CM	Site working area-St. 1+650 to station 1+520
46.		single size aggregate	supplying single size to the site	20 CM	Site working area-St. 1+650 to station 1+520
47.		Base course	supplying base course to the site	40 CM	Storage Area -St. 0+950
48.		Asphalt	supplying base course to the site	63440 Kg	station 7+530 to station 7+100
49.		Ready Mix Concrete (B200)	supplying to the site	1CM	ARV Chamber -Station 7+870
50.		Welded Steel Tee-12"/6"	supplying to the site	1 piece	site office
51.		2-inch Heat Shrinkable Sheets	supplying to the site	36 piece	site office
52.		Somsom	supplying Somsom to the site	120 CM	Site working area-St. 1+520 to station 1+430
53.	Mar.14.2013	single size aggregate	supplying single size to the site	40 CM	Site working area-St. 1+520 to station 1+430
54.		Base course	supplying base course to the site	80 CM	Storage Area -St. 0+950
55.		Asphalt	supplying base course to the site	32600 Kg	station 7+100 to station 6+840

Material Delivered to Site					
No.	Date	Item	Description	QTY	Location
56.	Mar.16.2013	Somsom	supplying Somsom to the site	200 CM	Site working area-St. 1+261 to station 1+180
57.		single size aggregate	supplying single size to the site	60 CM	Site working area-St. 1+261 to station 1+180
58.		Base course	supplying base course to the site	120 CM	Storage Area -St. 0+950
59.	Mar.17.2013	Somsom	supplying Somsom to the site	40 CM	Site working area-St. 1+500
60.		Ready Mix Concrete (B200)	supplying to the site	7.5CM	ARV Chamber base slab at station 7+870, WO Chamber at station 1+700 (blinding), and Road Culver at Station 1+304
61.		3"-SCH40 Epoxy Coated Welded Steel	supplying to the site	5.75 Meters	Fabrication Shop
62.		12-inch Heat Shrinkable Sheets	supplying to the site	30 pieces	Site Office
63.	Mar.18.2013	Somsom	supplying Somsom to the site	200 CM	Site working area-St. 1+180 to station 1+090
64.		single size aggregate	supplying single size to the site	60 CM	Site working area-St. 1+180 to station 1+090
65.		Base course	supplying base course to the site	60 CM	Storage Area -St. 0+950
66.		12-inch SCH20 Welded Steel Pipes	supplying to the site	363.7 meters 30 pieces	Storage Area -St. 1+500
67.		12-inch Heat Shrinkable Sheets	supplying to the site	30 pieces	Site Office
68.		Tie Rods	supplying to the site	500 pieces	Site Office
69.		16mm Reinforcement Steel Bars	supplying to the site	200 CM	Washout Chamber-station 1+700
70.	Mar.19.2013	Somsom	supplying Somsom to the site	40 CM	Site working area-St. 1+090 to station 0+955
71.	Mar.20.2013	Somsom	supplying Somsom to the site	60 CM	Site working area-St. 1+090 to station 0+830
72.		16mm Reinforcement Steel Bars	supplying to the site	309 Kg	Washout Chamber-station 1+700
73.	Mar.21.2013	Ready Mix Concrete (B350)	supplying to the site	2.5 CM	Washout Chamber-base slab station 1+700
74.		Ready Mix Concrete (B350)	supplying to the site	6 CM	ARV Chamber Walls-Station 7+870
75.		12-inch SCH20 Welded Steel Pipes	supplying to the site	351.92 meters 30	Storage Area -St. 0+900
76.		12-inch Heat Shrinkable Sheets	supplying to the site	30 pieces	Site Office

Material Delivered to Site					
No.	Date	Item	Description	QTY	Location
77.	Mar.23.2013	16mm Reinforcement Steel Bars	supplying to the site	271 Kg	Washout Chamber-station 1+700
78.		Concrete New Jersey Barriers	supplying to the site	15 pieces	Site Working Area-station 1+500
79.		Base course	supplying base course to the site	200 CM	Storage Area -St. 0+900
80.		single size aggregate	supplying single size to the site	40 CM	Site working area-St. 0+830 to station 0+685
81.		Somsom	supplying Somsom to the site	80 CM	Site working area-St. 0+830 to station 0+685
82.	Mar.24.2013	16mm Reinforcement Steel Bars	supplying to the site	15180 Kg	Storage Yard -Station 2+700
83.	Mar.26.2013	Ready Mix Concrete (B350)	supplying to the site	7 CM	Washout Chamber-station 1+700 ARV Chamber at station 7+870
		Base course	supplying base course to the site	40 CM	Storage Area -St. 0+900
		single size aggregate	supplying single size to the site	20 CM	Site working area-St. 0+685 to station 0+515
		Somsom	supplying Somsom to the site	80 CM	Site working area-St. 0+685 to station 0+515

## 5. Progress and Scheduling

The following table provides a summary of the project progress status for the current reporting period

Item	Percentage
Planned percentage complete:	50.38%
Actual percentage complete:	53.97%
Elapsed Time	48.91%

**Table 5.1-JNT-Progress Summary Table**

**Project Overall Status:** The Project is currently ahead of schedule.

For further details regarding the project progress please see Attachment JNT 20.1- Updated Schedule- Roll-up and one month look ahead schedule.

### **Submittal Status:**

During the current reporting period a total of 28 submittals (including resubmittals) were submitted for this project. Review comments were received for 26 submittals, while 2 submittals for the current reporting period remain pending a response from the Engineer. The Engineer's review time for reviewed submittals ranged from 1 day to 19 days.

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

Total	Submittal Disposition
8	A – No Exceptions Noted
11	B - Make Corrections Noted
9	C- Amend and Resubmit
0	D- Rejected- Resubmit
0	E- Review Not Required
28	Total Submittals Reviewed

Table 5.2-JNT-Submittal Disposition

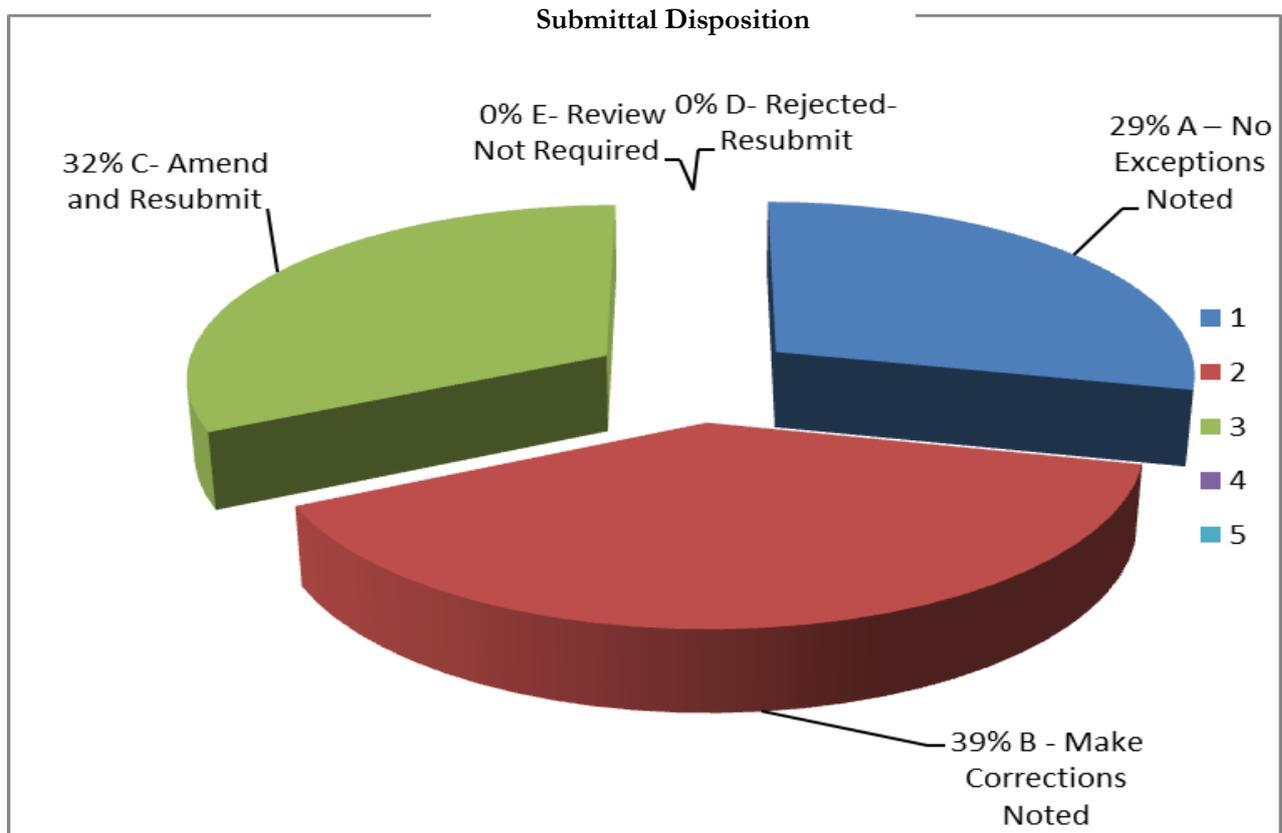


Figure 5.1-JNT-Submittals Disposition

For further details please see attachment JNT 20.5- Submittal Log

For further details please see attachment JNT 20.5- Submittal Log

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

### The following was achieved during the current reporting period:

- Completing the installation of 2,109.08 linear meters of 12-inch welded steel pipes from station 2+529.08 to station 0+420.

- Completing the installation of 14.45 linear meters of 4-inch welded steel pipes from station 2+542.91 to station 2+528.46.
- Completing the installation of 1,032.15 linear meters of 3-inch welded steel pipes from station 2+528.50 to station 1+496.35.
- Completing the concrete pipe encasement for 12-inch welded steel pipes with 71.80 cubic meters of ready mix concrete (B200 and B350) through the road culverts and trench sections with weak soil layers.
- Completing the asphaltting of first layer for the 10-inch pipeline trench of 2,060 liner meters from station 8+900 to station 6+840.
- Completing preparation of the 12-inch pipeline trench for asphaltting from station 2+687 to station 2+450.
- Completing the placing of ready mix concrete (B350) for the base slab, walls, and the roof slab of the air release valve chamber at station 7+870.
- Completing the placing of ready mix concrete (B350) for the base slab and the walls of the washout chamber at station 1+700.
- Completed the excavation work for the air release valve chamber and butterfly valve chamber at station 1+446.
- Completing the fabrication of all remaining 10-inch welded steel pipes at Middle East Pipe Company (TZINOROT).
- Completing the external polyethylene coating and the internal cement lining for all remaining 10-inch welded steel pipes at Future Pipe Company (FIP) and starting the preparation to deliver all pipes to the project storage yards.

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

- Completing installation of 390 meters of 12-inch welded steel pipes from station 0+420 to station 0+30.
- Completing installation of 1,500 meters of 10-inch welded steel pipes from station 4+200 to station 2+700.
- Completing installation of 500 meters of 10-inch welded steel pipes from station 4+200 to station 4+700.
- Asphaltting the 12-inch pipeline trench section from station 2+450 to station 1+450.
- Asphaltting the 10-inch pipeline trench section from station 4+200 to station 3+200.
- Continuity of procurement of all required valves and fittings.
- Completing the delivery of all fabricated 10-inch welded steel pipes to the site storage yards (6,572.61 meters).
- Starting the civil work for five chambers and as follow :
  - Flow Monitoring Chamber at station 0+031.
  - Al-Jabaa Connection Chamber at station 0+031.
  - Air Release Valve Chamber at station 0+040.
  - Kherbet Ad-dair Connection Chamber at station 2+720.
  - Washout Chamber at station 0+970.

## 7. Updated Schedule

For further details please see Attachment JNT 20.1- Updated Schedule Roll-up and One Month Look Ahead.

## 8. Site Memo

During the current reporting period four site memos were issued from the Engineer to the Contractor for this project. For further details please see Attachment JNT 20.3- Site Memo Log

## 9. Inspection Request

During the current reporting period 24 inspection requests were submitted to the Engineer. The Engineer responded to 18 of the 24 inspection requests submitted during the current reporting period. For further details please see Attachment JNT 20.4- Inspection Request Log.

## 10. Test Reports

During the current reporting period 28 testing reports were submitted to the Engineer for approval and all were approved. The following table and graph provide a summary of the status of the testing reports.

Type of Material Test	No. of Tests Passed	No. of Tests Failed	No. of Tests (Results Not Received)	Total No. of Tests Conducted
Bedding Material (somsom)	5	0	0	5
Single Size Aggregate	5	0	0	5
Base Course	7	0	0	7
Compaction	3	0	0	3
Concrete Compressive	2	0	0	2
Asphalt Loose	4	0	0	4
RT	2	0	0	2
<b>Total</b>	<b>28</b>	<b>0</b>	<b>0</b>	<b>28</b>

Table 10.1-JNT-Test Report Summary

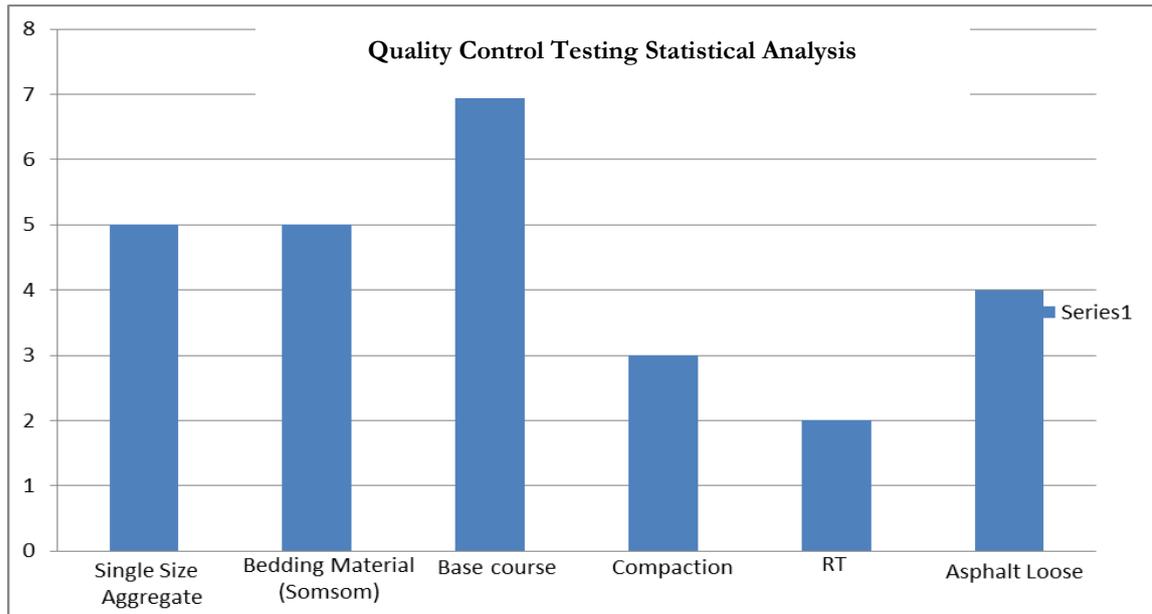


Figure 10.1-JNT- Quality Control Testing

### 11. Request for Information

No Requests for Information (RFI) were submitted to the Engineer during the reporting. For further information please see Attachment JNT 20.6-Request for Information Log.

### 12. Summary of Payments and Accrued Expenditures

During the current reporting period one payment was submitted; the submitted payment covers the performance period from January 01, 2013 through March 10, 2013; the following table provides a summary of the payment status.

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						
3	01-Jan -12	10-Mar-13	\$ 262,505.77	\$ 680,084.92	942,590.69	14-Mar-13	19-Mar-13	Not Paid

Table 12.1-JNT-Payment Summary

The total accrued amount through the end of this reporting period = \$ 1,225,564.53

### 13. Variation Orders and Variation Orders Request

Two Variation Orders had been issued and approved; VO# 2 issued on February 27, 2013 and approved by USAID on March 01<sup>st</sup>, 2013 and VO# 3 issued on March 07, 2013 and approved by USAID on March 08, 2013. For further information please see Attachment JNT 20.7-Variation Request and Variation Order Log.

## 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	10 days
3.	Modified Period of Performance	370 days
4.	Modified Completion Date	October 01, 2013
5.	No. of Working Days during this month	25 Calendar Days
6.	Accumulated Working Days	146 Calendar Days
7.	Total No. of non-working days(Holidays and weekends) during this month	3 Calendar Days
8.	Accumulated non-working days (Holidays and weekends)	29 Calendar Days
9.	No. of other non-working days (EXPLAIN REASON) during this month, Please see note below	None
10.	Accumulated other non-working days	6 Calendar Days

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 <sup>3</sup> /hr = 4,440 m <sup>3</sup> /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, 6,820 person days;
- Employment generated previously 1,608 person days;
- Employment generated this month; 988 person days;
- Total cumulative employment generated to-date 2,596 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
Deletion of 515 m of 10” diameter steel pipes from St.10+840 to St.11+355	On December 31, 2012, via Site Memorandum N0.5, the Engineer notified IRD to delete 515m of 10” diameter steel pipes from St.10+840 to St.11+355.	Client/Engineer	IRD’s supplier FIP could not cancel any quantities from the original order due to fact that all raw material has been order by METCO specifically for this Project.

Table 17.1-JNT-Problems and Issues Summary Table

### 18. Non Compliance Notices

None

### 19. Construction Photos

<p><b>Photo No.1-JNT:</b> Excavating the 12” pipeline trench at station 0+700 <b>Photo Date:</b> 23 Mar 2013</p>	<p><b>Photo No.2-JNT:</b> Welding the 12” steel pipes at station 2+310. <b>Photo Date:</b> 03 Mar 2013</p>	<p><b>Photo No.3-JNT:</b> Installing the 12” steel pipeline at station 2+090. <b>Photo Date:</b> 06 Mar 2013</p>
<p><b>Photo No.4-JNT:</b> Inspecting PE external coating continuity at station 0+940. <b>Photo Date:</b> 20 Mar 2013</p>	<p><b>Photo No.5-JNT:</b> Compactint the 12” pipeline trench at station 1+900. <b>Photo Date:</b> 26 Mar 2013</p>	<p><b>Photo No.6-JNT:</b> Collecting base course compaction test sample at station 7+255. <b>Photo Date:</b> 12 Mar 2013</p>



**Photo No.7-JNT:** Asphaltting the 12” pipeline trench at station 7+000.  
**Photo Date:** 14 Mar 2013



**Photo No.8-JNT:** Conducting RT weld testing for fabricataed 10” mitered bends.  
**Photo Date:** 09 Mar 2013



**Photo No.9-JNT:** Placed concrete for ARV chamber base slab at station 7+870  
**Photo Date:** 17 Mar 2013



**Photo No.7-JNT:** Ditributing flyers for JNT project to residents of Surif village  
**Photo Date:** 06-Mar-2013



**Photo No.7-JNT:** Ditributing flyers for JNT project to residents of Surif village  
**Photo Date:** 06-Mar-2013

## **20. Attachments**

- JNT 20.1 Updated Schedule- Roll-up and One Month Look Ahead**
- JNT 20.2 “S” Curve**
- JNT 20.3 Site Memo Log**
- JNT 20.4 Inspection Request Log**
- JNT 20.5 Submittal Log**
- JNT 20.6 Variation Request and Variation Order Log**

**JNT 20.1 Updated Schedule – Roll-Up  
And One Month Look Ahead**









## JNT 20.2 S Curves



INTERNATIONAL RELIEF AND DEVELOPMENT, IRD

USAID-INFRASTRUCTURE NEEDS PROGRAM (INP)

TO .No.2

USAID Order # 294-TO-12-00002

**Al Jaba - Main Transmission Pipeline**

Total Contract Value Less Day Work:

Revised Contract Value Less Day Work:

NTP (Notice to Proceed)

Duration of Contract:

Completion Date:

Revised Completion Date:

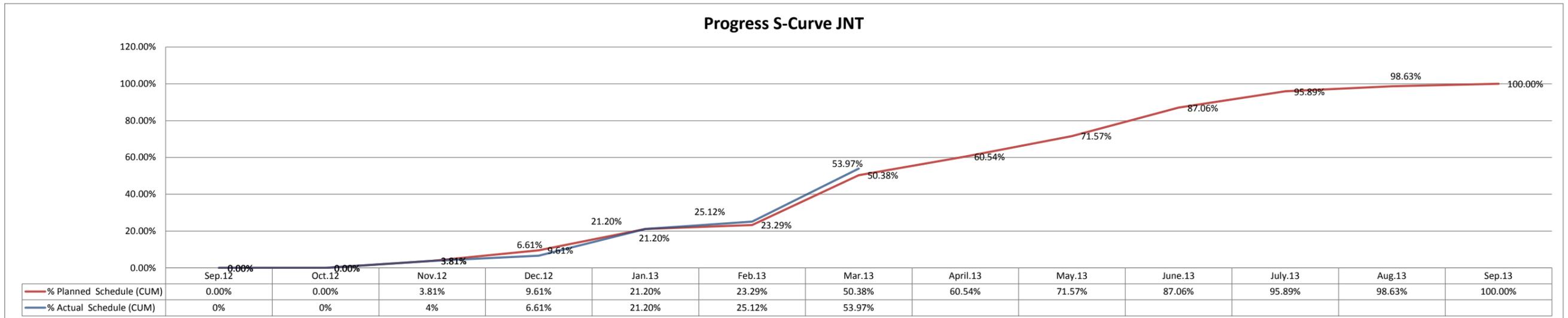
Data Date:

USD	
Total Contract Value Less Day Work:	\$3,338,326.60
Revised Contract Value Less Day Work:	\$3,447,970.60
NTP (Notice to Proceed)	27-Sep-12
Duration of Contract:	360 Calendar Days
Completion Date:	21-Sep-13
Revised Completion Date:	1-Oct-13
Data Date:	26-Mar-13

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

	Sep.12	Oct.12	Nov.12	Q1 320,718.04 Dec.12	Jan.13	Feb.13	Q2 1,361,251.13 Mar.13	April.13	May.13	Q3 1,224,452.30 June.13	July.13	Aug.13	Q4 431,905.13 Sep.13	TOTAL
Planned Schedule Value (Baseline)			\$127,174.35	\$193,543.69	\$387,087.38	\$69,575.65	\$904,588.10	\$338,974.05	\$368,448.93	\$517,029.32	\$294,714.59	\$91,467.34	\$45,723.20	\$ 3,338,326.60
Planned Schedule Value (CUM)	\$ -	\$ -	\$ 127,174.35	\$ 320,718.04	\$ 707,805.42	\$ 777,381.07	\$ 1,681,969.17	\$ 2,020,943.22	\$ 2,389,392.15	\$ 2,906,421.47	\$ 3,201,136.06	\$ 3,292,603.40	\$ 3,338,326.60	\$ 3,338,326.60
Actual Schedule Value	\$ -	\$ -	\$ 127,174.35	\$ 93,535.91	\$ 487,136.07	\$ 130,671.67	\$963,058.76							
Actual Schedule Value (CUM)	\$ -	\$ -	\$ 127,174.35	\$ 220,710.26	\$ 707,846.33	\$ 838,518.00	\$1,801,576.76							
% Planned Schedule	0%	0%	3.81%	5.80%	11.60%	2.08%	27.10%	10.15%	11.04%	15.49%	8.83%	2.74%	1.37%	100%
% Planned Schedule (CUM)	0.00%	0.00%	3.81%	9.61%	21.20%	23.29%	50.38%	60.54%	71.57%	87.06%	95.89%	98.63%	100.00%	100.00%
% Actual Schedule	0%	0%	4%	2.80%	14.59%	3.91%	28.85%							
% Actual Schedule (CUM)	0%	0%	4%	6.61%	21.20%	25.12%	53.97%							

**Progress S-Curve JNT**



## **JNT 20.3 Site Memos 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
Memo-02-JNT-E-C-009	Electromagnetic Flow Meter	4-Mar-13		Supply and install battery powered Electromagnetic flow meters in lieu of the specified propeller flow meters for connection chambers
Memo-02-JNT-E-C-010	Concrete Encasement	4-Mar-13		Supply and cast ready mix concrete B200 in selected sections of the pipe trench , over culverts and where deemed necessary due to unforeseen conditions.
Memo-02-JNT-E-C-011	Asphalt Reinstatement	25-Mar-13		Submit VOR at the earliest to capture the milling of the existing asphalt up to 4 cm , price shall to include milling , removal and disposal of all milled asphalt , debris unsuitable and surplus materials to approved locations
Memo-02-JNT-E-C-012	Additional Chambers	25-Mar-13		Prepare and submit a variation order request

## **JNT 20.4 Inspection Requests 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
IR-02-JNT-22-A	27-Feb-13	27-Feb-13	Inspecting the backfilled trench , the top base course layer and preparation to start asphaltting for the section between stations 8+440 to station 7+400, in addition to conduct the required base course compaction tests through the selected section.	IRD/BV	13-Mar-13	make correction noted		
IR-02-JNT-22-B	2-Mar-13	2-Mar-13	Inspecting the backfilled trench , the top base course layer and preparation to start asphaltting for the section between stations 8+440 to station 7+900, in addition to conduct the required base course compaction tests through the selected section.	IRD/BV	2-Mar-13	make correction noted		
IR-02-JNT-23-A	3-Mar-13	3-Mar-13	Inspecting the prepared base course top layer before asphaltting the trench section from station 8+440 to station 7+900.	IRD/BV	3-Mar-13	make correction noted		
IR-02-JNT-24-A	3-Mar-13	3-Mar-13	Inspecting the the production of 10" welded steel pipes (SCH 40) at Middle East Company	IRD/BV	12-Mar-13	make correction noted		
IR-02-JNT-25-A	3-Mar-13	4-Mar-13	Inspecting the prepared base course top layer before asphaltting the trench section from station 8+000 to station 7+600.	IRD/BV	4-Mar-13	make correction noted		
IR-02-JNT-26-A	7-Mar-13	9-Mar-13	Conduct the Radiographic Testing (RT) for the 12" Pipeline and 10" Steel fittings	IRD/BV	12-Mar-13	make correction noted		

No.	Request Date	Date Inspection Required	Description of Works Inspected	Sender/ Recipient	1st Inspection		2nd Inspection	
					Response Date	Grade	Response Date	Grade
IR-02-JNT-27-A	12-Mar-13	12-Mar-13	Inspecting the backfilled trench , the top base course layer and preparation to start asphaltting for the section between stations 7+520 to station 6+820, in addition to conduct the required base course compaction tests through the selected section.	IRD/BV	13-Mar-13	make correction noted		
IR-02-JNT-28-A	12-Mar-13	13-Mar-13	Inspecting the PE external coating process for the delivered 10-inch welded steel pipes at FIP company (Quantity of delivered 10-inch steel pipes is about 2000 meters.	IRD/BV	14-Mar-13	make correction noted		
IR-02-JNT-29-A	12-Mar-13	14-Mar-13	Inspecting the internal cement lining process for the delivered 10-inch welded steel pipes at FIP company (Quantity of delivered 10-inch steel pipes is about 2000 meters.	IRD/BV	17-Mar-13	make correction noted		
IR-02-JNT-30-A	12-Mar-13	13-Mar-13	Inspecting the prepared base course top layer before asphaltting the trench section from station 7+520 to station 6+820.	IRD/BV	13-Mar-13	make correction noted		
IR-02-JNT-31-A	13-Mar-13	13-Mar-13	Description: Inspecting the excavation work for the first air release valve chamber at station 7+887. And preparation to place the blinding concrete	IRD/BV	14-Mar-13	make correction noted		

No.	Request Date	Date Inspection Required	Description of Works Inspected	Sender/ Recipient	1st Inspection		2nd Inspection	
					Response Date	Grade	Response Date	Grade
IR-02-JNT-32-A	13-Mar-13	13-Mar-13	Inspecting the preparation to start excavation work and 12-inch pipeline installation during the night (Night shift). For today ONLY, the night shift will work between 20:00 pm till 4:00 am. Starting from tomorrow, the night shift will start from 19:00 pm to 4:00 am and as per the agreement and instructions from Surif Municipality.	IRD/BV	14-Mar-13	make correction noted		
IR-02-JNT-33-A	16-Mar-13	17-Mar-13	Inspecting the formwork and steel reinforcement prior to placing the concrete for the base slab of the air release valve chamber at station 7+870.	IRD/BV	17-Mar-13	make correction noted		
IR-02-JNT-34-A	17-Mar-13	17-Mar-13	Inspecting the excavation work and preparation to place the blinding concrete for the washout chamber at station 1+700.	IRD/BV	17-Mar-13	make correction noted		
IR-02-JNT-35-A	19-Mar-13	19-Mar-13	Inspecting the delivered 12" welded steel pipes and other fittings and accessories	IRD/BV	20-Mar-13	Resubmit		
IR-02-JNT-36-A	20-Mar-13	20-Mar-13	Inspecting the formwork and steel reinforcement prior to placing the concrete for the base slab of the wash out chamber at station 1+700.	IRD/BV	21-Mar-13	No Exception Noted		
IR-02-JNT-37-A	20-Mar-13	20-Mar-13	Inspecting the formwork and steel reinforcement prior to placing the concrete for the walls of the air release valve chamber at station 7+870.	IRD/BV	21-Mar-13	Resubmit		
IR-02-JNT-38-A	24-Mar-13	25-Mar-13	Inspecting the delivered 12" steel pipes to the site working area. (Quantity =351.92m/30 Pipes)	IRD/BV				
IR-02-JNT-39-A	24-Mar-13	25-Mar-13	Inspecting the prepared 10" – SCH 20 –ERW –ASTM A53 Grade B steel pipes with 3LPE Coating and internal cement lining at FIP Company (Quantity=2379m).	IRD/BV				
IR-02-JNT-40-A	25-Mar-13	25-Mar-13	Inspecting the excavation work for the butterfly chamber and air release valve chamber at station 1+446.	IRD/BV				
IR-02-JNT-41-A	26-Mar-13	26-Mar-13	Inspecting the formwork and steel reinforcement prior to place concrete for the following chambers : 1- Roof Slab for the air release valve chamber at station 7+870. 2- Walls for the washout chamber at station 1+700.	IRD/BV	26-Mar-13	make correction noted		

No.	Request Date	Date Inspection Required	Description of Works Inspected	Sender/ Recipient	1st Inspection		2nd Inspection	
					Response Date	Grade	Response Date	Grade
IR-02-JNT-42-A	26-Mar-13	28-Mar-13	Inspecting the prepared 10" – SCH 20 –ERW –ASTM A53 Grade B steel pipes with 3LPE Coating and internal cement lining at FIP Company (Quantity=2308 m /190 pipes).	IRD/BV				
IR-02-JNT-43-A	26-Mar-13	26-Mar-13	Inspecting the backfilled trench, the top base course layer, and preparation to start asphaltting for the section between stations 2+700 to station 2+400. In addition, to conduct the required base course compaction tests through the selected section.	IRD/BV				
IR-02-JNT-44-A	26-Mar-13	26-Mar-13	Inspecting the prepared base course top layer before asphaltting the trench section from station 2+687 to station 2+400.	IRD/BV				

## JNT 20.5 Submittals Log

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

A	B	C	D	E	F	G	H	I	M	O	P	Q	R	S
Submittal Number	Submittal Description	Specification Number	Submittal Category	Submittal Classification	Submittal Type	Project Identifier	Schedule Activity ID	Rev.	Actual Submission Date	Response Needed by (Max. 30 days)	Date Returned to IRD	Total Engineer Response Time	Submittal Disposition (Grade)	Remarks
SUB-002-JNT-097-B	Control Valves and Pressure	15217+15218 parag. 2.1	PD	CONS	SUB	JNT	CS-JNT-M134	B	28-Feb-13	30-Mar-13	4-Mar-13	4	B	
SUB-002-JNT-097-C	Control Valves and Pressure	15217+15218 parag. 2.1	PD	CONS	SUB	JNT	CS-JNT-M134	C	17-Mar-13	17-Apr-13	19-Mar-13	2	B	
SUB-02-JNT-123-B	Civil Shop Drawings for Water Chambers	1300 parag. 1.3	SD	SD	SUB	JNT	PCS-JNT-SD-120	B	6-Mar-13	6-Apr-13	6-Mar-13	1	B	
SUB-02-JNT-133-B	Mechanical Shop Drawings for Water Chambers .	1300 parag. 1.3	SD	CONS	SUB	JNT	CS-JNT-SD-120,122,124,126 and 129	B	4-Mar-13	4-Apr-13	5-Mar-13	1	B	
SUB-02-JNT-151-B	JNT Breakdown Analysis			CONS	SUB	JNT		B	3-Mar-13	3-Apr-13	10-Mar-13	7	B	
SUB-02-JNT-156-A	February-2013 CPM Schedule	1310	SCM	CONS	SUB	JNT	CS-WJN-250	A	3-Mar-13	3-Apr-13	13-Mar-13	10	B	
SUB-02-JNT-157-A	Proposed Road Detour between St. (2+400) to St.(1+850)		SD	CONS	SUB	JNT		A	3-Mar-13	3-Apr-13	4-Mar-13	1	B	
SUB-02-JNT-158-A	Proposed Road Detour between St. (0+300) to St.(0+900)		SD	CONS	SUB	JNT		A	6-Mar-13	6-Apr-13	10-Mar-13	4	B	
SUB-02-JNT-159-A	Proposed Road Detour between St. (0+900) to St.(1+400)		SD	CONS	SUB	JNT		A	6-Mar-13	6-Apr-13	10-Mar-13	4	B	
SUB-02-JNT-160-A	Mechanical Shop Drawings for Flow Monitoring Chambers .	1300 parag. 1.3	SD	CONS	SUB	JNT	CS-JNT-SD-120,122,124,126 and 129	A	6-Mar-13	6-Apr-13	14-Mar-13	8	C	
SUB-02-JNT-160-B	Mechanical Shop Drawings for Flow Monitoring Chambers .	1300 parag. 1.3	SD	CONS	SUB	JNT	CS-JNT-SD-120,122,124,126 and 129	B	18-Mar-13	18-Apr-13	19-Mar-13	1	A	
SUB-02-JNT-161-A	Mechanical Shop Drawings for Al-Jaba' Connection Chambers .	1300 parag. 1.3	SD	CONS	SUB	JNT	CS-JNT-SD-120,122,124,126 and 129	A	6-Mar-13	6-Apr-13	13-Mar-13	7	C	
SUB-02-JNT-161-B	Mechanical Shop Drawings for Al-Jaba' Connection Chambers .	1300 parag. 1.3	SD	CONS	SUB	JNT	CS-JNT-SD-120,122,124,126 and 129	B	18-Mar-13	18-Apr-13	19-Mar-13	1	A	
SUB-02-JNT-162-A	Mechanical Shop Drawings forKherbet Al-Dir Connection Chambers .	1300 parag. 1.3	SD	CONS	SUB	JNT	CS-JNT-SD-120,122,124,126 and 129	A	6-Mar-13	6-Apr-13	14-Mar-13	8	C	
SUB-02-JNT-162-B	Mechanical Shop Drawings forKherbet Al-Dir Connection Chambers .	1300 parag. 1.3	SD	CONS	SUB	JNT	CS-JNT-SD-120,122,124,126 and 129	B	18-Mar-13	18-Apr-13	19-Mar-13	1	A	
SUB-02-JNT-163-A	Welding Inspection Reports 10" welded Steel pipes St.(8+887.9) to St.(6+828.60)		PD	CONS	SUB	JNT		A	6-Mar-13	6-Apr-13	14-Mar-13	8	C	
SUB-02-JNT-164-A	Mechanical Shop Drawings forNuba and Hata Connection Chambers .	1300 parag. 1.3	SD	CONS	SUB	JNT	CS-JNT-SD-120,122,124,126 and 129	A	11-Mar-13	11-Apr-13	14-Mar-13	3	B	
SUB-02-JNT-164-B	Mechanical Shop Drawings forNuba and Hata Connection Chambers .	1300 parag. 1.3	SD	CONS	SUB	JNT	CS-JNT-SD-120,122,124,126 and 129	B	20-Mar-13	20-Apr-13	21-Mar-13	1	A	
SUB-02-JNT-165-A	Mechanical Shop Drawings for Kharas Connection Chambers .	1300 parag. 1.3	SD	CONS	SUB	JNT	CS-JNT-SD-120,122,124,126 and 129	A	11-Mar-13	11-Apr-13	14-Mar-13	3	C	
SUB-02-JNT-165-B	Mechanical Shop Drawings for Kharas Connection Chambers .	1300 parag. 1.3	SD	CONS	SUB	JNT	CS-JNT-SD-120,122,124,126 and 129	B	18-Mar-13	18-Apr-13	19-Mar-13	1	A	
SUB-02-JNT-166-A	Mechanical Shop Drawings for Surif Connection Chambers .	1300 parag. 1.3	SD	CONS	SUB	JNT	CS-JNT-SD-120,122,124,126 and 129	A	11-Mar-13	11-Apr-13	17-Mar-13	6	C	
SUB-02-JNT-166-B	Mechanical Shop Drawings for Surif Connection Chambers .	1300 parag. 1.3	SD	CONS	SUB	JNT	CS-JNT-SD-120,122,124,126 and 129	B	21-Mar-13	21-Apr-13				
SUB-02-JNT-167-A	Mechanical Shop Drawings for Nuba Main Connection Chambers with 12" DIP .	1300 parag. 1.3	SD	CONS	SUB	JNT	CS-JNT-SD-120,122,124,126 and 129	A	11-Mar-13	11-Apr-13	17-Mar-13	6	C	
SUB-02-JNT-167-B	Mechanical Shop Drawings for Nuba Main Connection Chambers with 12" DIP .	1300 parag. 1.3	SD	CONS	SUB	JNT	CS-JNT-SD-120,122,124,126 and 129	B	20-Mar-13	20-Apr-13	21-Mar-13	1	A	
SUB-02-JNT-168-A	Mechanical Shop Drawings for Surif Future Connection Chambers .	1300 parag. 1.3	SD	CONS	SUB	JNT	CS-JNT-SD-120,122,124,126 and 129	A	11-Mar-13	11-Apr-13	18-Mar-13	7	C	
SUB-02-JNT-168-B	Mechanical Shop Drawings for Surif Future Connection Chambers .	1300 parag. 1.3	SD	CONS	SUB	JNT	CS-JNT-SD-120,122,124,126 and 129	B	20-Mar-13	20-Apr-13	21-Mar-13	1	A	
SUB-02-JNT-169-A	Proposed Temporary Replacement for CWI-Yousef Ghatasha's CV and Qualification Certificates	02570 parag. 1.3j	PD	CONS	SUB	JNT		A	12-Mar-13	12-Apr-13	14-Mar-13	2	B	
SUB-02-JNT-170-A	Welding Inspection Reports 12" welded Steel pipes St.(2+675.86) to St.(1+176.03), 3" Welded Steel pipe (2+516.17) to (1+496.35) and 4" welded steel pipes St.(2+675.75) to St.(2+528.46)		PD	CONS	SUB	JNT		A	21-Mar-13	21-Apr-13	25-Mar-13	4	C	
SUB-02-JNT-171-A	Civil Shop Drawings for Al-Jaba' Connection Chambers		SD	CONS	SUB	JNT		A	25-Mar-13	25-Apr-13				

## **JNT 20.6 Variation Request and Variation Order Log**

VOR no.	Date	Revision Date	Time Modification	Modification Cost (\$)	Reference			Subject	Status	VO no.
					Shop Drawings/ Submittal/Secifications	BOQ Item no.	RFI/ Other			
VOR-02-WJN-002-C	March 05,2013			\$143,943.00	N/A	N/A	Site Memo No. 6 , RFI 23	Supply and instal lPipes 2" , 3" & 4"		
VOR-02-WJN-003-A	March 13,2014			\$79,201.00	N/A	N/A	Site Memorandum N0.10 dated March 14,2014	Supply and cast ready mix concrete B20 in selection sections of pipe trench,over culverts and where deemed necessary due to unseen conditiond as per the Enginner's directions on site for an estimated total quantituies of 500 cubic meters		
VOR-02-WJN-003-B	March 19,2013			\$74,705.00	N/A	N/A	Site Memorandum N0.10 dated March 14,2013	Supply and cast ready mix concrete B20 in selection sections of pipe trench,over culverts and where deemed necessary due to unseen conditiond as per the Enginner's directions on site for an estimated total quantituies of 500 cubic meters		
VOR-02-WJN-004-A	March 20,2013			\$119,516.90			Site Memorandums No.6,7,8&9	Supply and install valves and fittings and construct isolation flanged buried gate valve chambers ,watwer metwe connection chambers ,Butterfly valve chambewrs and Flow monitoring ans wash out chambers		

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	Revised Completion Date
					BOQ	Day Work	Total	BOQ	Day Work	Total	BOQ	Day Work	Total						
TO-02-WJN-VO-001	15-Jan-13	Signed	New Definitive Qunatities for Project 1	16-Jan-13	\$11,617,634.05	\$450,764.66	\$12,068,398.71	\$11,617,634.05	\$450,764.66	\$12,068,398.71	\$11,638,770.73	\$429,627.98	\$12,068,398.71	(\$21,136.68)	550	0	0	30-Mar-14	30-Mar-14
TO-02-WJN-VO-002	27-Feb-13	Signed	Changes in Requirements	1-Mar-13	\$11,617,634.05	\$450,764.66	\$12,068,398.71	\$11,638,770.73	\$429,627.98	\$12,068,398.71	\$11,171,391.22	\$897,007.49	\$12,068,398.71	\$467,379.51	550	0	0	30-Mar-14	30-Mar-14
															360	0	0	21-Sep-13	21-Sep-13
TO-02-WJN-VO-003	7-Mar-13	Signed	Changes in Requirements	8-Mar-13	\$11,617,634.05	\$450,764.66	\$12,068,398.71	\$11,171,391.22	\$897,007.49	\$12,068,398.71	\$11,315,334.22	\$753,064.49	\$12,068,398.71	(\$143,943.00)	550	0	0	30-Mar-14	30-Mar-14
															360	0	10	21-Sep-13	1-Oct-13