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MONTHLY REPORT JULY 2011

COMPLETION OF GOMAL ZAM DAM, HYDROPOWER
AND TRANSMISSION LINE PROJECT

USAID: WAPDA PROJECT IMPLEMENTATION AGREEMENT
NO. 391-PEPA-ENR-GOMAL-PIL-001

July 2011

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1. SUMMARY

The report presents progress on monitoring and support for Gomal Zam Dam, Hydropower & Transmission Line Project for the month of July 2011. The Activity Agreement for Gomal Zam Project was signed on Jan 7, 2011 and first disbursement was released to WAPDA on Feb 4, 2011. The EPC contractor re-mobilized at site on Feb 15 and commenced the construction activities which were suspended on Dec 15, 2010 due to non- payment by WAPDA.

A field visit to Gomal Zam Multipurpose Dam Project was conducted through July 25 - 27 by a Senior Energy Expert from USAID Generation and Transmission Improvement Program to verify the completion of works and current status on the main dam, powerhouse and transmission line and other related works.

Following is the brief summary of project works completed:

- | | |
|---|----------------|
| 1. Main Dam and Spillway concrete and related works | 100 % complete |
| 2. Hydropower and Switchyard component | 93 % complete |
| 3. Transmission Line | 85 % complete |

At present the work is progressing satisfactorily, however due to suspension of works the following milestones specified in the Activity Agreement are delayed.

Item # 5 – Hydropower & Switchgear Component - 100% completion expected on Sep 30, 2011 instead of May 31, 2011.

Item # 7 – Transmission Line – 100 % completion expected on Sept 30, 2011 instead of June 30, 2011.

WAPDA and contractor promised to expedite the construction activities and achieve the final completion date of October 31, 2011 as specified in the Activity Agreement.

The main dam and Spillways construction completed on July 25, 2011 and WAPDA reimbursement request # 4 was verified on July 28 and forwarded to Office of Energy for approval. On the powerhouse side, cable pulling and cleaning of the turbine runners and other parts affected by the floods were in progress. The installation of transmission line towers were also in progress and have been installed on an area of 50 km (85 % completion achieved) starting from the Tank Grid station to the powerhouse. The closure of diversion tunnel and reservoir filling started on March 30, 2011 and at present the water level was 51 meters high in the reservoir. Outflow from the bottom outlet was higher than the inflow to meet the water rights of the downstream farmers. The reservoir level was 11 meters below the power intake. The commissioning tests in the powerhouse will start when the reservoir level is above the power intake.

A detailed meeting was held with the project consultants and WAPDA to review the progress on the implementation of Environmental Mitigation and Monitoring Plan (EMMP). WAPDA agreed to submit progress report/ check list by Aug 5, 2011.

During the visit it was verified that works completed and in progress are supervised by certified engineers of the Gomal Zam management consultants in accordance with the approved

specifications and applicable standards. It was also verified that the quality of works were in accordance with the applicable standards and specifications.

The first disbursement of \$19.928 million was paid on 2/ 4/ 2011. A second reimbursement of \$5.125 million was paid on 3/29/11 and the third reimbursement of \$ 1 million was paid on 6/02/11. A fourth reimbursement of \$5.125 million is in process with OFM on 7/28/11. WAPDA submitted total reimbursement claims of \$31.178 million and \$26.053 million has been disbursed in WAPDA's bank Account . Total financial progress by end of July is 78%.

2. PROGRESS ON MONITORING AND SUPPORT

Lot no.	Description of Work	COMPLETION DATES				Remarks
		PIL	WAPDA Schedule	Last Month	Current Month	
1	Main Dam and Spillways Concrete and Related Works	88% by August 31, 2010	Reimbursement processed and received by WAPDA for US\$ 19.171 Million on Feb 4, 2011.			
2	Hydropower & Switchgear Component	90% by August 31, 2010	Reimbursement processed and received by WAPDA for US\$ 0.757 Million on Feb 4, 2011.			
3	Main Dam and Spillways Concrete and Related Works	91% by December 31, 2010	91% by Mar 15, 2011	91% by Mar 15, 2011	91% by Mar 15, 2011	Reimbursement processed and received by WAPDA for US\$ 5.125 Million on Mar 29, 2011.
4	Main Dam and Spillways Concrete and Related Works	100% by March 31, 2011	100% by May 31, 2011	100% by Jun 30, 2011	100% by Jul 28, 2011	Reimbursement Claim for US\$ 5.125 Million has been sent on Jul 28, 2011 and is in process with OFM.
5	Hydropower & Switchgear Component	100% by May 31, 2011	100% by July 31, 2011	100% by July 31, 2011	100% by Sep 30, 2011	In process and about 93% work has been complete. 100% completion is expected by end Sep 2011.
6	132kV Transmission Line and related works	50% by March 31, 2011	50% by March 31, 2011	50% by Apr 30, 2011	50% by Apr 30, 2011	Reimbursement processed and received by WAPDA for US\$ 1.0 Million on Jun 02, 2011.
7	132kV Transmission Line and related works	100% by June 30, 2011	100% by June 30, 2011	100% by June 30, 2011	100% by Sep 30, 2011	In process and about 85% work has been completed. 100% completion is expected in Sep 30, 2011.
8	Completion of Project - Filling of Reservoir, Testing, & Placement in Commercial Operation	100% by October 31, 2011	No delay expected in the 100 % completion of project.			

3. CRITICAL ISSUES AND USAID/AEAI SUPPORT REQUIRED

Item no.	Critical Issues	Status/Resolution	USAID/AEAI Support
1	Delays in the completion of milestones # 5 and 7 of the payment schedule.	WAPDA/ EPC contractor to expedite and achieve completion as per Activity Agreement.	AEAI to monitor the activities more closely.
2	Implementation of EMMP.	WAPDA to expedite and implement EMMP.	AEAI to provide support and monitor the EMMP implementation.

4. ACTION ITEMS FOR NEXT MONTH

- I. Check the reservoir level, as it was 11 meters below the power intake.

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