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MONTHLY REPORT OCTOBER 2011

COMPLETION OF GOMAL ZAM DAM, HYDROPOWER AND TRANSMISSION LINE PROJECT

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

October 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 October 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.

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 | 95 % complete |
| 3. Transmission Line | 85 % complete |

On October 6, 2011 a meeting was held in AEAI office and was participated by the representatives of USAID and AEAI. The discussions were held regarding the outstanding works on hydro projects and to agree the revised completion dates of Gomal Zam, Satpara and Tarbela FARAs. This was required to draft the Amendments to the FARAs with new completion dates.

October 14, 2011, a meeting was held in AEAI office and was participated by WAPDA, USAID and AEAI to discuss the amendment number one to the Tarbela, Gomal Zam and Satpara FARAs with revised completion dates. The changes shown in the amendments for all three FARAs were discussed with WAPDA and it was agreed to sign the three amendments on October 15, 2011.

In accordance with the Amendment No. 1, to the Gomal Activity Agreement the revised completion date is Sep 30, 2012 (The amendment number one for Tarbela, Gomal Zam and Satpara were signed on October 15, 2011 between WAPDA Chairman and Acting Director, Energy Office- USAID).

WAPDA submitted to USAID an additional request for essential spares of US \$ 100 Million to keep a sustainable operation of the Tarbela Power Station for next 20 years. Meeting was held in AEAI office to discuss WAPDA request and was participated by WAPDA GM (Hydel) and Chief Engineer Tarbela, USAID and AEAI. After detailed discussions, WAPDA was requested to submit detailed justifications along with gains from the Tarbela and its economic benefits. WAPDA to submit revised concept paper as soon as possible.

The main dam and Spillways construction completed on July 25, 2011 and WAPDA reimbursement request # 4 was verified on July 28 and has been disbursed in WAPDA's bank account on August 9, 2011. 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 but due to less inflow the reservoir level could not reach the power intake, so full testing and commissioning could not possible. In accordance with the Amendment No. 1, to the Agreement the revised completion date is Sep 30, 2012

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 submitted the check list on Aug 4, 2011, in which the progress on Implementation of EMMP was shown.

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 was paid on 8/09/11. WAPDA submitted total reimbursement claims of \$31.178 million and has been disbursed in WAPDA's bank Account. Total financial progress to date is 78%.

2. PROGRESS ON MONITORING AND SUPPORT

Lot no.	Description of Work	COMPLETION DATES AFTER AMENDMENT				Remarks
		PIL	WAPDA Schedule	Last Month	Current Month	
1	Main Dam and Spillways Concrete and Related Works	88% by August 31, 2010	88% by August 31, 2010	88% by August 31, 2010	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	90% by August 31, 2010	90% by August 31, 2010	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 processed and received by WAPDA for US\$ 5.125 Million on Aug 09, 2011.
5	Hydropower & Switchgear Component	100% by June 30, 2012	100% by June 30, 2012	100% by June 30, 2012	100% by June 30, 2012	In process and about 95% work has been complete.
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 April 30, 2012	100% by April 30, 2012	100% by April 30, 2012	100% by April 30, 2012	In process and about 85% work has been completed. 100% completion is expected in Oct 31, 2011.
8a	Completion of mechanical testing of dam fixtures	100% by January 31, 2012	100% by January 31, 2012	100% by January 31, 2012	100% by January 31, 2012	In process and about 80% work has been complete.
8b	Filling of reservoir Testing & commissioning of electrical & civil works	100% by August 30, 2012	100% by August 30, 2012	100% by August 30, 2012	100% by August 30, 2012	In process and will be completed on schedule.

3. CRITICAL ISSUES AND USAID/AEAI SUPPORT REQUIRED

Item no.	Critical Issues	Status/Resolution	USAID/AEAI Support
1	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. WAPDA/EPC Contractors to start mechanical test of dam fixtures as soon as possible.

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