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SITE VISIT REPORT GOMAL ZAM MULTIPURPOSE DAM PROJECT



July 2011

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SITE VISIT REPORT

GOMAL ZAM MULTIPURPOSE DAM PROJECT

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1. PURPOSE of VISIT

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. The field visit was important as it relates to expediting the completion of the project under the USAID funding.

2. STATUS of WORKS COMPLETED

For the purpose of verifying works completed on the Gomal Zam project, Mr. Saleem Paracha Senior Energy Expert from USAID Energy Policy project reviewed the monthly progress reports of Management Consultants at project office and inspected the project at site for physical verification of completed works.

Following is the brief summary of project works completed and verified up to July 28, 2011.

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

The EPC contractor suspended works on Dec. 15 due to non- payment of outstanding invoices by WAPDA. Subsequently payments were released in early Feb. and contractor re-mobilized on Feb. 15 and commenced the construction activities. At present the work is progressing, however due to suspension of works by the EPC contractor and 2010 floods causing major damages to the switchyard, following milestones specified in the Activity Agreement are expected to be delayed:

Item # 5 – Hydropower & Switchgear Component - 100% completion expected on Sept 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. Project site photographs taken on July 26, 2011 showing the progress of the works are in the AEAI/ shared documents.

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.

Muhammad Salim Paracha
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