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SITE VISIT REPORT GOMAL ZAM MULTIPURPOSE DAM PROJECT



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SITE VISIT REPORT

GOMAL ZAM MULTIPURPOSE DAM PROJECT

Contract No: AID-EPP-I-00-03-00004

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1. PURPOSE of VISIT

A field visit to Gomal Zam Multipurpose Dam Project was conducted from March 7 to March 9, 2013 to monitor the progress at site and to identify main reasons for delay in the commissioning of the powerhouse, switchyard and transmission line. The field visit was important as it relates to expediting the completion of project under the USAID funding.

2. STATUS of WORKS COMPLETED

During visit meetings were held with WAPDA, Management Consultants, FWO, the EPC contractor and Sino Hydro, sub-contractor for Main dam, Power House, Switchyard and PESCO, the transmission line contractor. Also at site consultant engineers were instructed to verify the compliance with the technical specifications and standards.

Following is the brief summary of project progress at site;

1. Power house, switchyard and 132 KV Transmission line is complete. Transmission line connection with Tank grid is also complete; however, interconnection at Gomal Zam switchyard is outstanding.
2. Mechanical testing of turbines and other ancillary mechanical equipment has been completed and mechanical run was successfully completed by Sino- Hydro. PESCO energized the transmission line from Tank Grid and it has been successfully tested.
3. Electrical tests on high voltage equipment and excitation system are not carried out by Sino-Hydro due to non- payment from WAPDA.
4. After discussions with FWO, Sino Hydro and management consultants, the main reason identified for delay in commissioning is due to payments not settled by WAPDA. WAPDA has been requested to expedite their efforts to address Sino- Hydro outstanding payment issue so that commissioning can be achieved, as early as possible.
5. As of March 11, 2013 the total outstanding liabilities of WAPDA is \$7.3 million which accounts for \$6.694 million works related to powerhouse, switchyard and transmission line and \$0.62 million for FWO security (WAPDA statement attached). The \$7.3 million amount doesn't include the variation Orders/Time Extension claims which have not been approved by WAPDA authority as of today. An audit may be required to confirm the exact figures.
6. The reservoir level was 725 meters above sea level, which is adequate to carryout sustained testing and commissioning of the power plant.
7. Site photographs are attached for reference.

Muhammad Salim Paracha
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3. Visit Photographs



Figure 1: Discussion with WAPDA staff about the progress of works



Figure 2: Transmission tower interconnection with Power house



Figure 3: Power house bus-bar connections



Figure 4: Turbine Generator of the Power house



Figure 5: Excitation System at Power house

