

LIST OF HYDROPOWER PROJECTS UNDERTAKEN BY MM PAKISTAN (PVT) LTD.

Project	Client	Description	Fee Million	Value Million	Completion
Feasibility Study, Detailed Engineering Design and Preparation of Tender Documents for Bunji Hydropower Project	Water & Power Development Authority (WAPDA)	Bunji Hydropower Project is located on the Indus River in the districts of Gilgit and Skardu. The selected project layout includes 180 m high dam. The reservoir will extend 17 km upstream from the dam in a narrow valley and have a gross storage of 282 million cubic meters. The optimised maximum power of the project is 5400 MW with a corresponding discharge of 1500 cubic meters per second.	Rs. 689		2010
Jinnah Barrage Rehabilitation & Modernization Project	Irrigation & Power Department, Govt. of Punjab, PMO for Punjab Barrages.	<p>This consultancy is for preparation of detailed design of Jinnah Barrage Rehabilitation and Modernization Project to meet the requirements of the Government and the World Bank, including but not limited to the following:</p> <ul style="list-style-type: none"> ▪ Detailed Design of the selected structure with complete drawings ▪ The impact of the very high 1992 flood that was close to the 100-year return period and the frequency and extent of replenishment of the downstream rock apron is to be examined. ▪ Study the impact of the WAPDA Hydropower project on detailed design of Jinnah Barrage e.g. the effect of by pass on the river morphology. ▪ Social and Environmental assessment, Preparation of Project estimates, reports and economic analyses on the format of the Performa-1 of Planning Commission, Islamabad (PC-1 Performa). ▪ Development of TORs for supervision consultants and other consultants. ▪ Incorporate suggestion / advices of POEs as and when required. ▪ Design of capacity building activities. 	Local Rs. 45.759 Foreign £ 0.131		2009
Consultancy Services for Conducting the Feasibility Study for 655 MW Suki Kinari Hydro Power Project	S.K. Hydro (Pvt) Ltd.	<ul style="list-style-type: none"> ▪ Review of previous reports of chart T. Man & GTZ ▪ Collection of Hydrological Data ▪ Preparation of tender documents for Topo Survy and Geo-Tech Investigation ▪ Selection of site in the light of previous reports and later studies. 		Rs. 23.75 £ 0.43	2007
Detailed Engineering Design of Satpara Dam Project	HEPO, WAPDA	<p>The assignment involves</p> <ul style="list-style-type: none"> ▪ Review the detailed designs, reports / data, surveys and investigations, incorporate proposed changes in the designs and prepare construction drawings for civil, irrigation and hydraulic steel works, to check the supplier's designs for mechanical and electrical works. ▪ Propose additional surveys and 	Rs. 70		2006

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		<p>field investigations as required for implementation of the project.</p> <ul style="list-style-type: none"> ▪ The construction supervision, monitoring of works and administration of contracts will be of such a quality as to allow WAPDA and GOP for a smooth implementation of the project. 			
Preparation of Feasibility Study, Detailed Engineering Design and Tender Drawings / Documents for Kurram Tangi Dam	WAPDA	<p>The study comprised the following jobs:</p> <ul style="list-style-type: none"> ▪ Review and updation of all existing studies, reports and data ▪ Carrying out additional investigations / surveys ▪ Preparation of feasibility report ▪ Preparation of engineering design and tender drawings / documents. 	Rs. 83		2004
Neelam Valley Hydro Project, Jagran	HEB/AJK	<p>Review and approve design criteria, design report, supervise geotechnical investigation, specification report, layout and construction drawings, assembly drawings, as built drawings, progress reports. Project Management. Construction Supervision. Supervise erection installation, testing and commissioning E&M plant. Certification of invoices monthly progress and quality, attending meetings.</p>	Rs. 19.8	Rs. 4000	1999
Low Head Hydropower Potential Project	Govt. of NWFP	<p>Hydrological/Geological Studies, Feasibility Study, PC-I, Detailed Design - BOQ, Economics Financial Analysis, Environment Impact Assessment, Tender Documents, Construction Drawings, Design Report and Calculation.</p>	Rs. 1.2		1997