

Queries - 09-15-2020

**REHABILITATION/ IMPROVEMENT OF WATER SUPPLY SYSTEM IN NORTH ZONE, SIALKOT (PHASE-1)
(LOT#4)**

Sr #	Bid Document Ref:	Description	Queries / Suggestions	Clarification
1	Tender Document - BILL NO. 4.10: REHABILITATION OF TUBE WELL AND PUMP HOUSE (27 Nos) Sr#5, Sr#6 & Sr#7	Rehabilitation/retrofitting*2 of pump, replacement of impellers*3, replacement of motor bearings and maintenance of pump and motor to improve efficiency of the system. The pump unit, after rehabilitation, shall achieve efficiency of min. 60% and tested at test bed as well as at Site after installation.	Kindly provide duty points (flow/head) of already installed pumps along with setting depth/ no. column pipes.	- The reported flow of 97 % of existing wells is 1.5 cusecs and 03% with 2.0 cusecs capacity having pumping head ranging from 120' to 250'. - For pump setting depth, the information is neither printed/mentioned on the tubewell plate nor is the information available with MC as the tubewells were installed by PHED and handed over to MC without provision of design data. Therefore, actual pump setting depth will be known after dismantling the pump for rehabilitation purpose.
2	Tender Document - BILL NO. 4.10: REHABILITATION OF TUBE WELL AND PUMP HOUSE (27 Nos) Sr#11 & Sr#12	Rehabilitation of the non-return and Sluice valves already installed on the discharge side	Kindly provide existing valves DN size	Mostly installed pumps are of 1.5 cusecs discharge with valves of size DN 200mm. However, valve size may vary at certain tubewells according to their discharge value.
3	Tender Document - BILL NO. 4.10: REHABILITATION OF TUBE WELL AND PUMP HOUSE (27 Nos)-B Mechanical works non MRS Items Sr#1	Supply installation testing and commissioning of vertical shaft deep well turbine pump multistage bowl assembly 250 ft head as per specification and entire satisfaction of the engineer.	Kindly provide flow rate and setting depth/no of column pipes required	New 2 cusecs pumps are proposed to be installed at this line item. Therefore, specs and drawings of new proposed pumps (Bill No. 4.1, Non-MRS item No. 12) would be applicable on this item.
4	Tender Document - Title Page	WATER SUPPLY SYSTEM, FILTRATION PLANTS, TUBEWELLS, OHRs, SCADA & ALLIED WORKS	SCADA system is mentioned on both tender documents (Lot 3&4) while there is no details mentioned in Specs & BOQ. If SCADA system is required Please share complete Technical details.	SCADA enabled devices/equipments are part of this project. The terminology is just to cover this aspect. SCADA system will be installed in next phase of the project which is not part of this bidding document. (PMU to further review)
5	Bill NO. 4.10 REHABILITATION P.UMP HOUSE & TUBE WELLS (27 NOS)	MCU. - DIGITAL Voltmeter & DIGITAL Ammeter, ON OFF TRIP LED indication lights, protection relays, terminations all other accessories required for completion of the quality works- including Cable gland, Panel Lock , lugs and protection relays etc.	MCU ratings are not mentioned. Please provide MCU rating.	MCU is not part of BOQ at this line item as MCU are already installed according to existing pump requirements. Equipments/ items mentioned in this line item are missing/out of order which will be provided/replaced including all allied accessories.