

Office of the Executive Engineer
Saidabad Water Treatment Plant (Op.) Division, Dhaka Wasa

Subject:- Servicing, Repair, Maintenance of Electrical Distribution Board for central Security System at SWTP Main gate Server Room at SWTP-1.

Section 6. Bill of Quantities(Form e- PW2b)

Sl. No.	Sch. No.	Description of item	Unit	Quantity	Unit Rate	Total Amount
1	PWD E/M 1.2.10.1	1C-4x2.5 sqmm (NYY) with 2.5 sqmm (BYA) ECC wire thr.ough PVC pipe of minimum inner Dia. 30 mm having wall thickness of 1.5 mm	m	360	386.00	138960.00
2	PWD E/M 4.28.(iii)	MAGNETIC CONTACTORS Supply & fixing 415 / 400/ 380 V magnetic contactors for AC3 duty having control circuit voltage 380-415V / 220-240V, 50Hz. SIEMENS / SCHNEIDER / TELEMECANIQUE / ABB / DORMAN SMITH / VITZRO as per International Standard or equivalent brand accepted / approved by the engineer of the following ratings 32A (lth 55A) magnetic contactor	Nos	6	8015.00	48090.00
3	PWD E/M 4.29.(vii)	THERMAL OVERLOAD RELAY 34-50A	Nos	6	4951.00	29706.00
4	Approved Rate	Supply of 24-12v relay accepted / approved by the engineer	Nos	6	2500.00	15000.00
5	PWD E/M 2.C.2.(a).1	Circuit Breaker 30A / 32A (16KA) TPMCCB	Nos	6	8526.00	51156.00
6	PWD E/M 2.C.2.(a).3	Circuit Breaker 60A (16KA) TPMCCB	Nos	1	8526.00	8526.00
7	PWD-4.3	THR.EE PHASE DISTRIBUTION BOARD (TPDB) Providing and fixing thr.ee phase distribution board (TPDB) [concealed / surface] having the following components and specifications: [Fig : 4.1] 1. Steel board : size 36"x30"x6" MS sheet:18SWG with hinged type door and locking arrangement duly painted with powder coating with epoxy polyester resin on all surfaces of board (gray / off-white) etc. In front side there will be tempered thick fiber glass with rubber gaskets to observe the inside arrangement. 2. Copper bar: size 12"x1"x6mm (4 No's) and 6"x1"x5mm (1 No) mounted on insulator at both ends. Capacity : 200-300A 3. 1 no. TPMCCB (main control) and following nos. TPMCCB for feeders. TPMCB's are manufactured and tested in accordance with relevant IEC / VDE / NEMA / BS / JIS standard. Minimum breaking capacity 10-16 KA with thermal overcurrent and Instantaneous electromagnetic short circuit release. 4. Loop Cable (from phase bar to TPMCCB (ckt & power) size: 1c-1x25sqmm (NYY) With TPMCCBs of MEM / ABB / HAVELLS / LEGRAND / FEDERAL /HAGER / VITRZO or equivalent brand accepted / approved by the engineer.	Nos	1	59551.00	59551.00

Signature
19/12/23
মোহাম্মদ শরিফ মাহমুদ
উপ-সহকারী প্রকৌশলী
সহকারী প্রকৌশলী
সহকারী প্রকৌশলী (পরিচালন)

Signature
19/12/23
মোহাম্মদ জলিম উদ্দিন
সহকারী প্রকৌশলী
সহকারী প্রকৌশলী (পরিচালন)
সহকারী প্রকৌশলী (পরিচালন)

Signature
19/12/23
মোঃ আবিদ হোসেন
নির্বাহী প্রকৌশলী
নির্বাহী প্রকৌশলী (পরিচালন)

8	Approved Rate	Supply of On/Off Switch accepted / approved by the engineer	Nos	6	850.00	5100.00
8	Approved Rate	Supply of Phase Pheluar as per sample accepted / approved by the engineer.	Nos	6	9600	57600.00
9	Maret Rate	Installation and Comissioning of Distribution Board by Qualified Electrican supervised by Engineer.	Job	1	50000	50000.00
Total taka in figure						463689.00
Taka In Words :- Four Lac Sixty Three Thousand Six Hundred Eighty Nine Only.						


 19.12.23
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 উপ-সহকারী প্রকৌশলী
 সারোদাবাদ পানি শোধনাগার (পরিচালন)
 ঢাকা ওয়াসা।


 19/12/23
 মোহাম্মদ আসিম উদ্দিন
 সহকারী প্রকৌশলী
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