

QUOTATION

Name of work :- Replacement of defective/old distribution board with allied electrical work at Petrol pump IIT Kanpur.

S.No.	Description of item	Qty.	Unit	Rate	Amount
(In words & Figure)					
1	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated, copper conductor, single core cable in surface/ recessed steel conduit as required.				
1.1	2 x 4 Sqmm. + 1 x 4 sqmm earth wire	20.00	Mtr.		
2	Supplying & drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel / PVC conduit as reqd.				
2.1	3 x 10 Sq.mm..	20.00	Mtr.		
2.2	3 x 16 Sq.mm..	15.00	Mtr.		
3	Providing and fixing following sizes of PVC casing and capping on surface as reqd.				
3.1	25 x 16 mm	20.00	Mtr.		
3.2	38 x 16 mm	10.00	Mtr.		
4	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
4.1	12 way , Double door	1.00	Each		

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5	Supplying and fixing of following ways surface/recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's (but without MCB's and incomer) as required . (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.) and should have provision for MCCB as incomer.				
5.1	4 way (4 + 12), Double door	1.00	Each		
6	Supplying and fixing 5 amps to 32 amps rating, 240 volts, 'C' series, MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as read.				
6.1	Single Pole	12.00	Nos.		
6.2	Single Pole & Neutral	1.00	Nos.		
6.3	Triple Pole	2.00	Nos.		
7	Supplying and fixing 40 amp to 63 amp rating 240 volts 'C' curve 10 kA MCB of following pole in the existing MCB DB complete with connection, testing & commissioning etc as reqd.				
7.1	Double pole	1.00	Nos.		
7.2	Triple Pole	2.00	Nos.		
8	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.				

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(In words & Figure)

8.1	125 A,36KA,FPMCCB	1.00	Each		
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9 Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.

9.1	3½ X 25 sq. mm (28mm)	1.00	Each		
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9.2	3½ X 50 sq. mm (35mm)	1.00	Each		
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Total Rs.

R. Singh 2/3/21
RAGHUVENDRA SINGH
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 वि.सं.वि.सं., वि.सं. विभाग, काठमाडौं
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