MAHARASHTRA KRISHNA VALLY DEVELOPMENT CORPORATION PUNE 411011

(A GOVT. OF MAHARASHTRA UNDERTAKING)

BUDGETORY OFFER NOTICE NO. EE/SECPK/02/2014-15

Budgetory offer for the following work are invited from Manufucturers/ contractors having experience of the said work for estimate purpose. Please submit the rate to The Office of Executive Engineer, Takari Mechanical & Electrical Division, Warnali, Sangli 416415 Maharashtra. on or before 06/03/2015.

Sr.No	Description of Item	Qty.	Unit	Rate
	A) L.T. Panel			
1	Supply, installation & commissioning of 415V,3Ph,50Hz,630A,45kv breaking capacity manually operated draw out type air cut breaker in existing L.T. panel.	1	No.	
2	Supply, installation & commissioning of 415V,3Ph,50Hz,800A,45kv breaking capacity manually operated draw out type air cut breaker in existing L.T. panel.	1	No.	
3	Supply & installation& commissioning of 415 V, single phase, tape insulated current transformer, ratro 630/1A, CL1 10VA in existing LT panel	1	No.	
4	Supply & installation& commissioning of 415 V, single phase, tape insulated current transformer, ratro 800/1A, CL1 10VA in existing LT panel	1	No.	
5	Supply & installation& commissioning of 415 V, single phase, tape insulated current transformer, ratro 630/1A, CL 5P10VA in existing LT panel	1	No.	
6	Supply & installation& commissioning of 415 V, single phase, tape insulated current transformer, ratro 800/1A, CL 5P10VA in existing LT panel	1	No.	
7	Supply & installation& commissioning of flash mounted, numarcal type combined overcurrent & earth fault relay 20& commissioning + 1E/F in existin LT panel.	1	No.	
8	Supply & installation& commissioning of 415V, 3ph, 50/hz, contactor having 4 Nos. elements in existing LT panel.	1	No.	
9	Supply & installation& commissioning of flush mounted, 3ph, 4 wire, 415v, 1A digital multifunction meter having size 96 X 96 mm, class 1 for measuring KWH 5 power factor in existing LT panel.	1	No.	
10	Supply & installation& commissioning of moving Iron type, 96 X 96 mm, scale range 0- 630A, CT ratio, 630/1A, ammeter in existing LT panel.	1	No.	
11	Supply & installation& commissioning of moving Iron type, 96 X 96 mm, scale range 0- 630A, CT ratio, 800/1A, ammeter in existing LT panel.	1	No.	
12	Supply & installation& commissioning of moving Iron type, 96 X 96 mm, scale range 0- 500V, voltmeter selector witch in existing LT panel.	1	No.	
13	Supply & installation& commissioning of Four position rotary type Ammeter selector switch in existing LT panel.	1	No.	
14	Supply & installation& commissioning of Four position rotary type Voltmeter selector switch in existing LT panel.	1	No.	
15	Supply & installation of indicating lamps of Red/Green/Amber/Whiter colour suitable for ADACSDE supply having dia-22-5 mm in existing LT panel.	1	No.	
16	Supply & installation of 22.55 dia, metalic type push button in existing LT panel.	1	No.	
17	Supply & installation of Tripple pole 415V, 3Ph, 50Hz, 32A switch with neatural ling in existing LT panel.	1	No.	
18	Supply & installation of Tripple pole 415V, 3Ph, 50Hz, 63A switch with neatural ling in existing LT panel.	1	No.	
19	Supply & installation of Tripple pole 415V, 3Ph, 50Hz, 100A switch with neatural ling in existing LT panel.	1	No.	
20	Supply & installation of Tripple pole 415V, 3Ph, 50Hz MCCB 63A in existing LT panel.	1	No.	
21	Supply & installation of Tripple pole 415V, 3Ph, 50Hz MCCB 100A in existing LT panel.	1	No.	
22	Supply & installation of Tripple pole 415V, 3Ph, 50Hz MCCB 200A in existing LT panel.	1	No.	
23	Supply & installation of 415V, 3Ph, 50Hz 16A power contactor in existing LT panel.	1	No.	

24 Supply & installation of 415V, 3Ph, 50Hz 32A power contactor in existing LT panel. 1 No. 25 Supply & installation of 415V, 3Ph, 50Hz 63A power contactor in existing LT panel. 1 No. 26 Supply & installation of 415V, 3Ph, 50Hz 100A power contactor in existing LT panel. 1 No. 27 Supply & installation of 415V, 3Ph, 50Hz, biometric overcurrent relay in existing LT panel. 1 No. 28 Supply & installation of 415V Tripple pole with neutral 200A change over switch in existing LT panel. 1 No. 29 Supply & installation of HRC fuse link 2A to 32A in existing LT panel. 1 No. 30 Supply & installation of HRC fuse link 2A to 32A in existing LT panel. 1 No. 31 Supply & installation of HRC fuse link 2A to 32A in existing LT panel. 1 No. 32 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 32A in existing LT 1 No. 33 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 100A in existing LT 1 No. 34 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 100A in existing LT 1 No. 35 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 30XL in existing LT 1 <	Sr.No	Description of Item	Qty.	Unit	Rate
26 Supply & installation of 415V, 3Ph, 50Hz 100A power contactor in existing LT panel. 1 No. 27 Supply & installation of 415V, 3Ph, 50Hz, biometric overcurrent relay in existing LT 1 No. 28 Supply & installation of 415V Tripple pole with neutral 100A change over switch in 1 No. 29 Supply & installation of 415V Tripple pole with neutral 200A change over switch in 1 No. 29 Supply & installation of 415V Tripple pole with neutral 200A change over switch in 1 No. 21 Supply & installation of 415C Use link 2A to 32A in existing LT panel. 1 No. 31 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 16A in existing LT 1 No. 32 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 10A in existing LT 1 No. 33 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 10OA in existing LT 1 No. 34 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 10OA in existing LT 1 No. 35 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 10OA in existing LT 1 No. 36 Supply & installation of 415V,	24	Supply & installation of 415V, 3Ph, 50Hz 32A power contactor in existing LT panel.	1	No.	
No. No. 27 Supply & installation of 415V, 3Ph, 50Hz, biometric overcurrent relay in existing LT 1 No. 28 Supply & installation of 415V Tripple pole with neutral 200A change over switch in existing LT panel. 1 No. 29 Supply & installation of 415V Tripple pole with neutral 200A change over switch in existing LT panel. 1 No. 20 Supply & installation of HRC fuse link 2A to 32A in existing LT panel. 1 No. 31 Supply & installation of HRC fuse link 2A to 100A in existing LT panel. 1 No. 32 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 16A in existing LT 1 No. 33 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 32A in existing LT 1 No. 34 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 100A in existing LT 1 No. 37 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank 1 No. 38 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank 1 No. 39 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank 1 No.	25	Supply & installation of 415V, 3Ph, 50Hz 63A power contactor in existing LT panel.	1	No.	
panel. Image: Control of the second sec	26	Supply & installation of 415V, 3Ph, 50Hz 100A power contactor in existing LT panel.	1	No.	
existing LT panel. No. 29 Supply & installation of 415V Tripple pole with neutral 200A change over switch in existing LT panel. 1 No. 30 Supply & installation of HRC fuse link 2A to 32A in existing LT panel. 1 No. 31 Supply & installation of HRC fuse link 2A to 32A in existing LT panel. 1 No. 31 Supply & installation of HRC fuse link 2A to 103A in existing LT panel. 1 No. 32 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 32A in existing LT 1 No. panel. 1 No. 1 No. 33 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 63A in existing LT 1 No. panel. 1 No. 1 No. 34 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 63A in existing LT 1 No. panel. 1 No. 1 No. 35 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank 1 No. having 30KVAR capacity on ete complete 1 No. 1 No. 38 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank <td>27</td> <td></td> <td>1</td> <td>No.</td> <td></td>	27		1	No.	
29 Supply & installation of 415V Tripple pole with neutral 200A change over switch in sixting LT panel. 1 No. 30 Supply & installation of HRC fuse link 2A to 32A in existing LT panel. 1 No. 31 Supply & installation of HRC fuse link 2A to 32A in existing LT panel. 1 No. 32 Supply & installation of HRC fuse link 2A to 100A in existing LT panel. 1 No. 33 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 3CA in existing LT 1 No. 34 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 63A in existing LT 1 No. 35 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 100A in existing LT 1 No. 36 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 100A in existing LT 1 No. 37 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank 1 No. 38 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank 1 No. 38 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank 1 No. 40 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank 1 No.	28	Supply & installation of 415V Tripple pole with neutral 100A change over switch in	1	No.	
30 Supply & installation of HRC fuse link 2A to 32A in existing LT panel. 1 No. 31 Supply & installation of HRC fuse link 2A to 63A in existing LT panel. 1 No. 32 Supply & installation of HRC fuse link 2A to 100A in existing LT panel. 1 No. 32 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 16A in existing LT panel. 1 No. 34 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 32A in existing LT 1 No. panel. 1 No. panel. 35 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 100A in existing LT 1 No. panel. 1 No. panel. 36 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 100A in existing LT 1 No. 37 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank 1 No. having 10KVAR capacity on ete complete 1 No. 39 Supply & installation& commissioning of 415V, 3ph, 50Hz. APP type capacitor bank 1 No. having 30KVAR capacity on ete complete 1 No. 41 Supply & installation& commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 30KVAR capacity on ete complete 1 </td <td>29</td> <td>Supply & installation of 415V Tripple pole with neutral 200A change over switch in</td> <td>1</td> <td>No.</td> <td></td>	29	Supply & installation of 415V Tripple pole with neutral 200A change over switch in	1	No.	
31 Supply & installation of HRC fuse link 2A to 63A in existing LT panel. 1 No. 32 Supply & installation of HRC fuse link 2A to 100A in existing LT panel. 1 No. 33 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 16A in existing LT 1 No. 34 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 63A in existing LT 1 No. 35 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 63A in existing LT 1 No. 36 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 100A in existing LT 1 No. 37 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 100A in existing LT 1 No. 38 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 100A in existing LT 1 No. 39 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 20KVAR capacity on ete complete 1 No. 39 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 20KVAR capacity on ete complete 1 No. 40 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 30KVAR capacity on ete complete 1 No. 41 Supply & i	30		1	No.	
32 Supply & installation of HRC fuse link 2A to 100A in existing LT panel. 1 No. 33 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 16A in existing LT panel. 1 No. 34 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 32A in existing LT panel. 1 No. 35 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 63A in existing LT panel. 1 No. 36 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 100A in existing LT panel. 1 No. 37 Supply & installation of 415V, 3ph, 50Hz. Switch fuse unit having 100A in existing LT panel. 1 No. 38 Supply & installation commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 10KVAR capacity on ete complete 1 No. 39 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 30KVAR capacity on ete complete 1 No. 40 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 50KVAR capacity on ete complete 1 No. 41 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 75KVAR capacity on ete complete 1 No. 42 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 75KVAR capac				-	
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37 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 10KVAR capacity on ete complete 1 No. 38 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 20KVAR capacity on ete complete 1 No. 39 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 30KVAR capacity on ete complete 1 No. 40 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 40KVAR capacity on ete complete 1 No. 41 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 50KVAR capacity on ete complete 1 No. 42 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 50KVAR capacity on ete complete 1 No. 43 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 100KVAR capacity on ete complete 1 No. 44 Supply & installation of insulator suitable for LT supply 500V, in existing panel 1 No. 45 Supply & installation of 60X10 mm single aluminium bus-bar in existing LT panel. 1 Mtr 46 Supply & installation of 50X5 mm Gl trip for neutral in existing VT pump. 1 Mtr 47 Supply & installation of ISI mar	36		1	No.	
38 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 20KVAR capacity on ete complete 1 No. 39 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 30KVAR capacity on ete complete 1 No. 40 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 40KVAR capacity on ete complete 1 No. 41 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 50KVAR capacity on ete complete 1 No. 42 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 50KVAR capacity on ete complete 1 No. 43 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 100KVAR capacity on ete complete 1 No. 43 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 100KVAR capacity on ete complete 1 No. 44 Supply & installation of insulator suitable for LT supply 500V, in existing panel 1 No. 45 Supply & installation of 60X10 mm single aluminium bus-bar in existing LT panel. 1 Mtr 46 Supply & installation of 50X5 mm GI trip for neutral in existing VT pump. 1 Mtr 47 Supply & installation of ISI ma	37	Supply & installation& commissioning of 415V, 3ph, 50Hz. APP type capacitor bank	1	No.	
39 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 30KVAR capacity on ete complete 1 No. 40 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 40KVAR capacity on ete complete 1 No. 41 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 50KVAR capacity on ete complete 1 No. 42 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 75KVAR capacity on ete complete 1 No. 43 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 100KVAR capacity on ete complete 1 No. 44 Supply & installation of commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 100KVAR capacity on ete complete 1 No. 44 Supply & installation of insulator suitable for LT supply 500V, in existing panel 1 No. 45 Supply & installation of 60X10 mm single aluminium bus-bar in existing LT panel. 1 Mtr 46 Supply & installation of 50X5 mm Gl trip for neutral in existing VT pump. 1 Mtr 47 Supply & installation of S0X5 mm Gl trip for neutral in existing VT pump. 1 Mtr 49 Supply & installation of ISI mark 1.5 sq.mm Copper conductor flexible wire su	38	Supply & installation& commissioning of 415V, 3ph, 50Hz. APP type capacitor bank	1	No.	
40 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 40KVAR capacity on ete complete 1 No. 41 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 50KVAR capacity on ete complete 1 No. 42 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 75KVAR capacity on ete complete 1 No. 43 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 100KVAR capacity on ete complete 1 No. 43 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 100KVAR capacity on ete complete 1 No. 44 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 100KVAR capacity on ete complete 1 No. 44 Supply & installation of insulator suitable for LT supply 500V, in existing panel 1 No. 45 Supply & installation of 60X10 mm single aluminium bus-bar in existing LT panel. 1 Mtr 46 Supply & installation of 50X5 mm Gl trip for neutral in existing VT pump. 1 Mtr 47 Supply & installation of 60X5 mm Gl trip for neutral in existing VT pump. 1 Mtr 49 Supply & installation of ISI mark 1.5 sq.mm Copper conductor flexible wire su	39	Supply & installation& commissioning of 415V, 3ph, 50Hz. APP type capacitor bank	1	No.	
41 Supply & installation& commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 50KVAR capacity on ete complete 1 No. 42 Supply & installation& commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 75KVAR capacity on ete complete 1 No. 43 Supply & installation& commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 100KVAR capacity on ete complete 1 No. 44 Supply & installation of ete complete 1 No. 44 Supply & installation of insulator suitable for LT supply 500V, in existing panel 1 No. 45 Supply & installation of 60X10 mm single aluminium bus-bar in existing LT panel. 1 Mtr 46 Supply & installation of 50X5 mm GI trip for neutral in existing VT pump. 1 Mtr 47 Supply & installation of 60X5 mm GI trip for neutral in existing VT pump. 1 Mtr 49 Supply & installation of ISI mark 1.5 sq.mm Copper conductor flexible wire suitable 1 Mtr 50 Supply & installation of ISI mark 2.5 sq.mm Copper conductor flexible wire suitable 1 Mtr	40	Supply & installation& commissioning of 415V, 3ph, 50Hz. APP type capacitor bank	1	No.	
42 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 75KVAR capacity on ete complete 1 No. 43 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 100KVAR capacity on ete complete 1 No. 44 Supply & installation of insulator suitable for LT supply 500V, in existing panel 1 No. 45 Supply & installation of 60X10 mm single aluminium bus-bar in existing LT panel. 1 Mtr 46 Supply & installation of 80X10 mm single aluminium bus-bar in existing LT panel. 1 Mtr 47 Supply & installation of 50X5 mm GI trip for neutral in existing VT pump. 1 Mtr 48 Supply & installation of 60X5 mm GI trip for neutral in existing VT pump. 1 Mtr 49 Supply & installation of ISI mark 1.5 sq.mm Copper conductor flexible wire suitable for control wiring etc complete. 1 Mtr 50 Supply & installation of ISI mark 2.5 sq.mm Copper conductor flexible wire suitable for control wiring etc complete. 1 Mtr	41	Supply & installation& commissioning of 415V, 3ph, 50Hz. APP type capacitor bank	1	No.	
43 Supply & installation & commissioning of 415V, 3ph, 50Hz. APP type capacitor bank having 100KVAR capacity on ete complete 1 No. 44 Supply & installation of insulator suitable for LT supply 500V, in existing panel 1 No. 45 Supply & installation of 60X10 mm single aluminium bus-bar in existing LT panel. 1 Mtr 46 Supply & installation of 50X10 mm single aluminium bus-bar in existing LT panel. 1 Mtr 47 Supply & installation of 50X5 mm GI trip for neutral in existing VT pump. 1 Mtr 48 Supply & installation of 60X5 mm GI trip for neutral in existing VT pump. 1 Mtr 49 Supply & installation of ISI mark 1.5 sq.mm Copper conductor flexible wire suitable for control wiring etc complete. 1 Mtr 50 Supply & installation of ISI mark 2.5 sq.mm Copper conductor flexible wire suitable for control wiring etc complete. 1 Mtr	42	Supply & installation& commissioning of 415V, 3ph, 50Hz. APP type capacitor bank	1	No.	
44Supply & installation of insulator suitable for LT supply 500V, in existing panel1No.45Supply & installation of 60X10 mm single aluminium bus-bar in existing LT panel.1Mtr46Supply & installation of 80X10 mm single aluminium bus-bar in existing LT panel.1Mtr47Supply & installation of 50X5 mm GI trip for neutral in existing VT pump.1Mtr48Supply & installation of 60X5 mm GI trip for neutral in existing VT pump.1Mtr49Supply & installation of ISI mark 1.5 sq.mm Copper conductor flexible wire suitable1Mtr50Supply & installation of ISI mark 2.5 sq.mm Copper conductor flexible wire suitable1Mtr	43	Supply & installation& commissioning of 415V, 3ph, 50Hz. APP type capacitor bank	1	No.	
46 Supply & installation of 80X10 mm single aluminium bus-bar in existing LT panel. 1 Mtr 47 Supply & installation of 50X5 mm Gl trip for neutral in existing VT pump. 1 Mtr 48 Supply & installation of 60X5 mm Gl trip for neutral in existing VT pump. 1 Mtr 49 Supply & installation of ISI mark 1.5 sq.mm Copper conductor flexible wire suitable for control wiring etc complete. 1 Mtr 50 Supply & installation of ISI mark 2.5 sq.mm Copper conductor flexible wire suitable for control wiring etc complete. 1 Mtr	44		1	No.	
47 Supply & installation of 50X5 mm GI trip for neutral in existing VT pump. 1 Mtr 48 Supply & installation of 60X5 mm GI trip for neutral in existing VT pump. 1 Mtr 49 Supply & installation of ISI mark 1.5 sq.mm Copper conductor flexible wire suitable for control wiring etc complete. 1 Mtr 50 Supply & installation of ISI mark 2.5 sq.mm Copper conductor flexible wire suitable for control wiring etc complete. 1 Mtr	45	Supply & installation of 60X10 mm single aluminium bus-bar in existing LT panel.	1	Mtr	
48 Supply & installation of 60X5 mm GI trip for neutral in existing VT pump. 1 Mtr 49 Supply & installation of ISI mark 1.5 sq.mm Copper conductor flexible wire suitable for control wiring etc complete. 1 Mtr 50 Supply & installation of ISI mark 2.5 sq.mm Copper conductor flexible wire suitable for control wiring etc complete. 1 Mtr	46	Supply & installation of 80X10 mm single aluminium bus-bar in existing LT panel.	1	Mtr	
48 Supply & installation of 60X5 mm GI trip for neutral in existing VT pump. 1 Mtr 49 Supply & installation of ISI mark 1.5 sq.mm Copper conductor flexible wire suitable for control wiring etc complete. 1 Mtr 50 Supply & installation of ISI mark 2.5 sq.mm Copper conductor flexible wire suitable for control wiring etc complete. 1 Mtr	47	Supply & installation of 50X5 mm GI trip for neutral in existing VT pump.	1	Mtr	
49 Supply & installation of ISI mark 1.5 sq.mm Copper conductor flexible wire suitable for control wiring etc complete. 1 Mtr 50 Supply & installation of ISI mark 2.5 sq.mm Copper conductor flexible wire suitable for control wiring etc complete. 1 Mtr			1	Mtr	
for control wiring etc complete. Image: Complete in the second secon					
50 Supply & installation of ISI mark 2.5 sq.mm Copper conductor flexible wire suitable 1 Mtr for control wiring etc complete. 1 1	-			-	
	50	Supply & installation of ISI mark 2.5 sq.mm Copper conductor flexible wire suitable	1	Mtr	
J = J = J = J = J = J = J = J = J = J =	51	S/E of 14/16 guage, painted m.s. cubicle of suitable size for LT panel .	1	Sq. Mtr	

Sr.No	Description of Item	Qty.	Unit	Rate
	B) H.T. Panel			
1	Supply, intallation, testing and commissining of 11Kv 3 Ph, 50 Hz, 63A 25 KA Vaccume	1	No.	
	circuit breaker in existing mideeum volt panel.			
2	Supply, intallation, testing and commissining of 11Kv 3 Ph, 50 Hz, 1600A 25 KA	1	No.	
	Vaccume circuit breaker in existing mideeum volt panel.			
3	Supply, intallation, testing and commissining of 11Kv 3 Ph, 50 Hz, 2500A 40 KA	1	No.	
	Vaccume circuit breaker in existing mideeum volt panel.			
4	Supply, intallation, testing and commissining of 11Kv 3 Ph, 50 Hz, 3150A 40 KA	1	No.	
	Vaccume circuit breaker in existing mideeum volt panel.			
5	Supply & installation& commissioning of 11KV, single phase 150/1-1-1A tape	1	No.	
	measured tyoe current transformer in existing M.V. panel etc. complete			
6	Supply & installation& commissioning of 6.6KV, single phase 2500/1-1-1A tape	1	No.	
	measured tyoe current transformer in existing M.V. panel etc. complete			
7	Supply & installation& commissioning of 6.6KV, single phase 1500/1-1-1A tape	1	No.	
	measured tyoe current transformer in existing M.V. panel etc. complete			
8	Supply & installation& commissioning of 3.3KV, single phase 500/1-1-1A tape	1	No.	
	measured tyoe current transformer in existing M.V. panel etc. complete			
9	Supply & installation& commissioning of 11KV, single phase, 150/1-1A, tape	1	No.	
-	measured type current transformer in existing M.V. panel etc. complete		_	
10	Supply & installation& commissioning of 6.6KV, single phase, 150/1-1A, tape	1	No.	
10	measured type current transformer in existing M.V. panel etc. complete	T	NO.	
	measured type current transformer in existing w.v. parter etc. complete			
11	Supply & installation& commissioning of 6.6KV, single phase, 100/1-1A, tape	1	No.	
11	measured type current transformer in existing M.V. panel etc. complete	T	NO.	
	measured type current transformer in existing w.v. paner etc. complete			
12	Supply & installation& commissioning of 3.3KV, single phase, 100/1-1A, tape	1	No.	
12	measured type current transformer in existing M.V. panel etc. complete	T	NO.	
	measured type current transformer in existing w.v. paner etc. complete			
13	Supply & installation& commissioning of 11KV/v3, 110/v3 single phase, Two core	1	No.	
12	potention transformer with protection and metering class in existing M.V. panel etc.	T	NO.	
14	complete. Supply & installation& commissioning of 6.6KV/V3, 110/V3 single phase, Two core	1	No.	
14	potention transformer with protection and metering class in existing M.V. panel etc.	T	INO.	
1	complete	1	No	
15	Supply & installation& commissioning of 3.3KV/v3, 110/v3 single phase, Two core	1	No.	
	potention transformer with protection and metering class in existing M.V. panel etc.			
4.0	complete			
16	Supply, installation, testing and commissioning of meter protection relay having	1	No.	
	2 O/C +1 E/F suitable for 1A/5A C.T. ratio operating on AC/DC Auxilary supply in			
	existing M.V. panel etc. complete.			
17	Supply, installation, testing and commissioning of IDMTL Inst. Relay, 2 O/C +1 E/F	1	No.	
	suitable for 1A/5A C.T. ratio operating on AC/DC Auxilary supply in existing M.V.			
	panel etc. complete.			
18	Supply, installation, testing and commissioning of under voltage relay suitable for	1	No.	
	AC/DC Auxilary supply in existing M.V. panel etc. complete			
19	Supply, installation, testing and commissioning of earth fault relay suitable for AC/DC	1	No.	
	Auxilary supply in existing M.V. panel etc. complete			
20	Supply, installation, testing and commissioning of Lock out relay suitable for AC/DC	1	No.	
	Auxilary supply in existing M.V. panel etc. complete			
21	Supply, installation, testing and commissioning of Auxillary relay suitable for in	1	No.	
	existing M.V. panel etc. complete			1

Sr.No	Description of Item	Qty.	Unit	Rate
22	Supply, installation, testing and commissioning of Trip ckt. supervision relay suitable for AC/DC Auxilary supply in existing M.V. panel etc. complete	1	No.	
23	Supply & installation of 3 position type, 415 V, 25 A, breaker control switch in existing panel etc. complete	1	No.	
24	Supply & installation of Two position type, local remote switch in existing panel etc. complete	1	No.	
25	Supply & installation of Terminal position link in existing panel etc. complete	1	No.	
26	Supply & installation of VT plug receptable suitable for 8 to 16 mm in existing panel etc. complete	1	No.	
27	Supply & installation of Limit switch suitable for Vaccume contactor.	1	No.	
28	Supply & installation of 230V, 16A on/off switch in existing panel etc. complete.	1	No.	
29	Supply & installation of spring charging motor used on A& commissioning/DC supply for vaccume circuit breaker .	1	No.	
30	Supply & installation of hour meter suitable for A& commissioning supply in existing panel etc complete .	1	No.	

Terms & Conditions:

1) The rates should be quoted including of all taxes & duties by Agency/contractor.

2) All material Tools & Tackles required for the work is to be Provided by contractor.

3) Agency shall furnish Make & Type of switchgears, Relay, conrol accessories etc.

(M.M.More) Executive Engineer, Takari Mechanical & Electrical Division, Sangli.