

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 Manufacturers/ 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, ratio 630/1A, CL1 10VA in existing LT panel	1	No.	
4	Supply & installation& commissioning of 415 V, single phase, tape insulated current transformer, ratio 800/1A, CL1 10VA in existing LT panel	1	No.	
5	Supply & installation& commissioning of 415 V, single phase, tape insulated current transformer, ratio 630/1A, CL 5P10VA in existing LT panel	1	No.	
6	Supply & installation& commissioning of 415 V, single phase, tape insulated current transformer, ratio 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, metallic 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.	

Sr.No	Description of Item	Qty.	Unit	Rate
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 100A 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.	
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.	
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& 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 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	
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 circuit breaker in existing mideeum volt panel.	1	No.	
2	Supply, intallation, testing and commissining of 11Kv 3 Ph, 50 Hz, 1600A 25 KA Vaccume circuit breaker in existing mideeum volt panel.	1	No.	
3	Supply, intallation, testing and commissining of 11Kv 3 Ph, 50 Hz, 2500A 40 KA Vaccume circuit breaker in existing mideeum volt panel.	1	No.	
4	Supply, intallation, testing and commissining of 11Kv 3 Ph, 50 Hz, 3150A 40 KA Vaccume circuit breaker in existing mideeum volt panel.	1	No.	
5	Supply & installation& commissioning of 11KV, single phase 150/1-1-1A tape measured tyoe current transformer in existing M.V. panel etc. complete	1	No.	
6	Supply & installation& commissioning of 6.6KV, single phase 2500/1-1-1A tape measured tyoe current transformer in existing M.V. panel etc. complete	1	No.	
7	Supply & installation& commissioning of 6.6KV, single phase 1500/1-1-1A tape measured tyoe current transformer in existing M.V. panel etc. complete	1	No.	
8	Supply & installation& commissioning of 3.3KV, single phase 500/1-1-1A tape measured tyoe current transformer in existing M.V. panel etc. complete	1	No.	
9	Supply & installation& commissioning of 11KV, single phase, 150/1-1A, tape measured type current transformer in existing M.V. panel etc. complete	1	No.	
10	Supply & installation& commissioning of 6.6KV, single phase, 150/1-1A, tape measured type current transformer in existing M.V. panel etc. complete	1	No.	
11	Supply & installation& commissioning of 6.6KV, single phase, 100/1-1A, tape measured type current transformer in existing M.V. panel etc. complete	1	No.	
12	Supply & installation& commissioning of 3.3KV, single phase, 100/1-1A, tape measured type current transformer in existing M.V. panel etc. complete	1	No.	
13	Supply & installation& commissioning of 11KV/ $\sqrt{3}$, 110/ $\sqrt{3}$ single phase, Two core potention transformer with protection and metering class in existing M.V. panel etc. complete.	1	No.	
14	Supply & installation& commissioning of 6.6KV/ $\sqrt{3}$, 110/ $\sqrt{3}$ single phase, Two core potention transformer with protection and metering class in existing M.V. panel etc. complete	1	No.	
15	Supply & installation& commissioning of 3.3KV/ $\sqrt{3}$, 110/ $\sqrt{3}$ single phase, Two core potention transformer with protection and metering class in existing M.V. panel etc. complete	1	No.	
16	Supply, installation, testing and commissioning of meter protection relay having 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.	1	No.	
17	Supply, installation, testing and commissioning of IDMTL Inst. Relay, 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.	1	No.	
18	Supply, installation, testing and commissioning of under voltage relay suitable for AC/DC Auxilary supply in existing M.V. panel etc. complete	1	No.	
19	Supply, installation, testing and commissioning of earth fault relay suitable for AC/DC Auxilary supply in existing M.V. panel etc. complete	1	No.	
20	Supply, installation, testing and commissioning of Lock out relay suitable for AC/DC Auxilary supply in existing M.V. panel etc. complete	1	No.	
21	Supply, installation, testing and commissioning of Auxillary relay suitable for in existing M.V. panel etc. complete	1	No.	

Sr.No	Description of Item	Qty.	Unit	Rate
22	Supply, installation, testing and commissioning of Trip ckt. supervision relay suitable for AC/DC Auxiliary 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.