



## **Government of Maharashtra**

### **Water Resources Department**

#### **Executive Engineer, Takari Mechanical & Electrical Division ,Sangli**

Budgetary offer for the following work (Non DSR items) are invited by the **Executive Engineer, Takari Mechanical and Electrical Division, Sangli -416415** on behalf of Governor of Maharashtra for estimation purpose from the Reputed Agencies /Contractor/ OEM (Original Equipment Manufacturer).

The brief of work is given below. Interested Agencies are requested to go through the details and send the budgetary offers for proposed work. The rates should cover all taxes and duties applicable. The interested parties are requested to quote the offer up to 24/6/2020. Further it is requested to forward relevant technical literature, brochures of equipments and your comments if any in this matter. For detailed specifications of equipments and scope of work involved if required, please contact to this division office on (0233-2302932).

<b>Sr. No</b>	<b>Description of Item</b>	<b>Qty</b>	<b>Unit</b>
1	Supplying, erecting Miniature Circuit Breaker, Four Pole, 25Amp with D-Curve, Motor Duty in provided distribution board.	1	No
2	Supplying, erecting Miniature Circuit Breaker, Three Pole, 16Amp with D-Curve, Motor Duty in provided distribution board.	1	No
3	Supplying, erecting Miniature Circuit Breaker, Double Pole, 10Amp with Rated voltage 250V DC, with breaking capacity of 6 kA in provided distribution board.	1	No
4	Supplying, erecting Miniature Circuit Breaker, Single Pole, 10Amp, D-Curve in provided distribution board.	1	No
5	Supplying and erecting 3 Pole Power Contactor with 1NO Auxiliary Contact, 25Amp, 24 Volt DC coil control voltage.	1	No
6	Supplying and erecting Directly operated Thermal Overload Relay for 3 Pole Power Contactor, Built-in Single Phasing protection, Manual and auto reset mode, setting 6-10 Amp.	1	No
7	Supplying & erecting Universal voltage LED Indicator lamp 24 to 240V AC/DC	1	No
8	Cam operated rotary switch Changeover Local /Remote /Auto /Manual 90° operation complete rotation 4P 2W, 16A	1	No
9	Plug in relay with 4 Changeover contacts 10Amp, 24VDC Control voltage	1	No
10	Mounting socket for Plug in relay with 4 Changeover contacts 10Amp, 24VDC Control voltage	1	No
11	PVC Cable duct FRLS W45xH45 single slot .with non slip cover.	1	No
12	PVC cover for Cable duct, FRLS, W45xH45 single slot PVC Duct	1	No
13	DIN Rail /Channels 35mmx15mm	1	No
14	Terminal connector Suitable for pin type connection up to 4Sq MM wire.	1	No
15	Supplying & erecting Proximity Sensor, inductive switch, M18, 24 VDC, 1-10 mm sensing distance PNP, NO type	1	No

16	Supplying and erecting indoor terminal junction box with provision for erection of Terminal connectors minimum 25 Nos Suitable for pin type connection up to 4 Sq MM wire	1	No
17	Supplying and erecting Switch-Disconnecter-Fuse Unit 3Phase 415Volt 32 Amp ,4 pole,in built Neutral Link suitable for HRC fuse link 16,25,32 Amp.	1	No
18	Supplying and erecting Switch-Disconnecter-Fuse Unit 3Phase 415Volt 63 Amp ,4 pole,in built Neutral Link suitable for HRC fuse link 63 Amp.	1	No
19	Supplying and erecting Switch-Disconnecter-Fuse Unit 3Phase 415Volt 125 Amp ,4 pole,in built Neutral Link suitable for HRC fuse link 125Amp.	1	No
20	Supplying and erecting HRC fuse link Type HF 16 Amp.	1	No
21	Supplying and erecting HRC fuse link Type HF 25Amp.	1	No
22	Supplying and erecting HRC fuse link Type HF 32Amp.	1	No
23	Supplying and erecting HRC fuse link Type HN 63Amp.	1	No
24	Supplying and erecting HRC fuse link Type HN 125Amp.	1	No
25	Supplying and erecting shunt release for 415V 800Amp ACB in existing ACDB.	1	No
26	Supplying & erecting Universal LED Indicator lamp 24 to 240V AC/DC.	1	No
27	Supplying & erecting Digital air Pressure indicator panel mounted.	1	No
28	Front mounted 4 pole add-on blocks for 4 pole contactor 2NO +2NC similar to ABB make type CA4-22E	1	No
29	Cam operated rotary switch 90° operation complete rotation 4 pole ON/OFF 32A.	1	No
30	Supplying and erecting Moulded Case Circuit Breaker 415V, 50Hz,600Amp, With Thermal - Magnetic Release,Thermal Release Range 600-800. Breaking Capacity 50kA. MCCB With Thermal - Magnetic Release	1	No
31	Supplying and erecting Rotary Handle Panel Mounted for Moulded Case Circuit Breaker 415V, 50Hz,600Amp,	1	No
32	Supplying and erecting Terminal Spreader for Moulded Case Circuit Breaker 415V, 50Hz,600Amp,	1	No
33	Supplying and erecting Three pole Power Contactor 250 Amp, Coil Voltage 415VAC. with auxiliary contact 2NO + 2NC. Similar to L&T Make Type MNX 250 Cat No CS94141 AC3 Rating 250 A.	1	No
34	Supplying and erecting Side Mounting Add-on aux. Contact Block, 1 NO + 1 NC for power contactor 250Amp 415 VoltAC.	1	No
35	Supplying and erecting Electronic Motor Protection Relay Having features and Protections- Overload O/L Range 4-11A Locked Rotor , Single Phasing, Current Unbalance,Phase Sequence Reversal ,Under Current, Inbuilt CT's 5AMP , Trip indication, Test facility, Selectable trip class. Similar to L&T Make MPR200nX - Motor Protection Relay.	1	No

#### **Terms & Conditions:**

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

All material Tools & Tackles required for the work is to be provided by contractor.

Agency shall furnish Make & Type of switchgears, relays, control accessories etc.

This information is required for the purpose of framing of working estimates and hence the urgency.

Executive Engineer  
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