



Directorate General of Training



Skill India
श्रद्धावान् शक्ति - क्षमता शक्ति



Government of Goa



Industrial Training Institute

DIRECTORATE OF SKILL DEVELOPMENT & ENTREPRENEURSHIP
SATTARI GOVERNMENT INDUSTRIAL TRAINING INSTITUTE

(An ISO:EOMS: 21001:2018 Certified Institute)

HONDA SATTARI – GOA 403530 Phone no. 0832 – 2370242

Website: www.itsattari.goa.gov.in

Email: sattari-iti.goa@nic.in

No:04/F-76/SGITI/STR/Elec-Sr/Cons/2025-26/1318

Date: 01/04/2026

To,
Reputed supplier

Sub:- Inviting Limited Tender for supply of Training materials for trade Electrician Unit -II reg.

Sir,

Tenders are invited in sealed envelopes as per the specification and quantity mentioned in the attached "ANNEXURE-I".

Sr. No.	Description of Items	Qty.req.	Rate per Unit	Total	Remarks
1.	As per Enclosed Annexure-I				

The terms and conditions for the supply shall be as under:-

1. The material will have to be supplied/ installed within the period of 20 days from the dates of the supply order at Sattari Govt. Industrial Training Institute, Honda Sattari.
2. CST, Octroi, Sales Tax, GST and any other levy at the time of supply may be shown separately in the quotation; otherwise it will be presumed that the prices offered is inclusive of all taxes whatever may be.
3. The Tender will be evaluated for all items together.
4. The rate quoted shall be inclusive of packing and forwarding charges and freight paid for destination at Sattari Govt. ITI Honda, Sattari 403530.
5. The make, brand, model, etc. giving details of the items quoted for should be mention in the Tender or else the item shall be liable for rejection.
6. The material quoted should be of ISI standard or having ISO 9001/ISO9002 certification as the case may be whatever available.
7. The Tender shall be valid for 90 days from the date of the opening of the same.
8. The item will be inspected for acceptance in the presence of your representative and will be accepted if it confirms to the specification mentioned in the Annexure.
9. In case of rejection, for not confirming/matching as per supply order specification, the same will be sole responsibility of the supplier to make arrangement to collect the same at his own cost and risk immediately.
10. The transportation, installation and demonstration shall be at the cost of the supplier.
11. The tools and equipment s supplied as the case may be should carry warranty/ guarantee against defects.
12. This office reserves the right accept or reject any or all the tenders /Quotations without assigning any reason thereof.
13. This office reserves the right to place order for part/ full quantity mentioned in tenders for the purchase of the stores as the case may be.
14. In case of any dispute, the decision provided by an Arbitrator appointed by the Government will be final.
15. The Tender should be sent in sealed envelope superscripting "TENDER NUMBER & SUBJECT" so as to reach this office at **2:00PM on or before 13/04/2026** which will be opened on the same day at 03:00PM.

Yours faithfully,


(Mitesh P. Gawas)
Principal

Copy to:

1. Store copy

Annexure-I

Sr. No.	Detailed Technical Specifications	Qty	Unit	Rate per Unit	Total Amount
1	PVC insulated single-core electrolytic copper wire, 1.0 sq.mm, 1100V grade, IS:694, coil length 90 m	2	Coil		
2	PVC insulated single-core electrolytic copper wire, 1.5 sq.mm, 1100V grade, IS:694, coil length 90 m	2	Coil		
3	PVC insulated single-core electrolytic copper wire, 2.5 sq.mm, 1100V grade, IS:694, coil length 90 m	1	Coil		
4	Industrial grade jute/cotton waste for cleaning and maintenance	2	Kg		
5	Lubricating oil SAE 20W/40 suitable for motors and machinery	1	Ltr		
6	Kerosene / diesel oil for industrial cleaning	5	Ltr		
7	Super enamelled copper winding wire, 36 SWG, Class 155°C	3	Kg		
8	Super enamelled copper winding wire, 35 SWG, Class 155°C	3	Kg		
9	Super enamelled copper winding wire, 28 SWG	1	Kg		
10	Super enamelled copper winding wire, 26 SWG	1	Kg		
11	Super enamelled copper winding wire, 22 SWG	1	Kg		
12	Electrical insulating varnish, air-dry type	3	Ltr		
13	PVC empire insulating sleeve, 1 mm dia	25	Nos		
14	PVC empire insulating sleeve, 3 mm dia	25	Nos		
15	PVC empire insulating sleeve, 5 mm dia	25	Nos		
16	Milinox polyester insulation paper, 5 mil thickness	0.5	Kg		
17	Milinox polyester insulation paper, 7 mil thickness	0.5	Kg		
18	High-strength binding thread for coil winding	1	Roll		
19	Cotton insulation tape, ½ inch width, 10 m length	3	Roll		
20	Cotton insulation tape, ¾ inch width, 10 m length	3	Roll		
21	PVC insulation tape, flame retardant, RYB & black	10	Nos each		
22	Centrifugal switch assembly for single-phase motor	3	Nos		
23	Motor run capacitor, 2.5 µF, 415V AC	12	Nos		
24	Motor run capacitor, 8 µF, 415V AC	4	Nos		
25	Anti-rust spray WD-40 or equivalent, 500 ml	2	Nos		
26	Carbon resistors assorted values, 1W, ±5%	2	Boxes		
27	Carbon resistors assorted values, ½W	2	Boxes		
28	Carbon resistors assorted values, ¼W	2	Boxes		
29	Wire-wound potentiometer, 10KΩ, 5W	10	Nos		
30	Carbon potentiometer, 10KΩ	10	Nos		
31	Wire-wound resistors, 5W, 200Ω / 5KΩ / 10KΩ	10	Nos each		
32	Dotted PCB board, single sided, size 20×30 cm	50	Nos		
33	Resin-cored solder wire, 60/40 tin-lead, 22 SWG	1	Kg		
34	Electrolytic capacitors 25V (1000µF, 100µF, 25µF)	50	Nos each		
35	Ceramic disc capacitors assorted fixed values	50	Nos each		
36	Ceramic disc capacitor box, assorted values	1	Box		
37	Rectifier diode 1N4007, 1A, 1000V	100	Nos		
38	Transistors BC148, SL100, AC187, AC188	50	Nos each		
39	SCR TY6004 / SN104	25	Nos each		
40	DIAC DB3 / D3202	25	Nos each		
41	TRIAC BT136 / 2N6071	25	Nos each		
42	UJT 2N2646	25	Nos		
43	JFET/FET BF245B / BFW11	25	Nos each		
44	Step-down transformer 6-0-6V, 500 mA	10	Nos		
45	Step-down transformer 12-0-12V, 500 mA	10	Nos		
46	Step-down transformer 0-12V, 500 mA	10	Nos		
47	Step-down transformer 0-6V, 1A	10	Nos		
48	Multistrand PVC copper wire 23/0.2, 250V, 90 m coil	1	Coil		
49	Hook-up wire 7/36 SWG, PVC insulated	1	Coil		
50	Flexible twin wire 0.75 sq.mm	1	Nos		
51	Toggle switch SPST, 6A, 250V AC	10	Nos		
52	Toggle switch SPDT, 6A, 250V AC	11	Nos		
53	TAG board / terminal board	25	Nos		
54	Solderless breadboard	5	Nos		
55	PVC heat shrink sleeve, black, 1 mm	15	Nos		
56	Variable resistor 10KΩ, 3W	25	Nos		

57	Variable resistor 250K Ω , 1W	25	Nos		
58	IGBT FGM603 / FGM623S	25	Nos		
59	IGBT socket compatible type	25	Nos		
60	Push button switch SPST	25	Nos		
61	Push button switch SPDT	25	Nos		
62	Crocodile clips red & black, 5A	10	Nos each		
63	LEDs assorted colours, 1.5V & 3V	50	Nos each		
64	Inductors assorted values	50	Nos		
65	Terminal strip / connector block	5	Nos		
66	IC 7708 quad AND gate	25	Nos		
67	IC 7432 quad OR gate	25	Nos		
68	IC base, 14 pin	25	Nos		
69	IC 7400 quad NAND gate	25	Nos		
70	IC 7408 quad AND gate	25	Nos		
71	Banana plug & socket, 10A, RYB & black	25	Nos each		
72	Rotary switch 16A, 440V	6	Nos		
	Cut-out relay 16A, 440V				
	Cut-Out Relay, rated current 16A, rated voltage up to 440V AC, 50Hz, electromagnetic type, contact configuration INO + INC, panel/DIN rail mounted, insulation resistance ≥ 100 M Ω , dielectric strength 2kV/1 min, flame-retardant enclosure, IS/IEC 60947 compliant	6	Nos		
73					
	Reverse current relay 16A, 440V				
	Reverse Current Relay, rated voltage 440V AC, rated current 16A, electromagnetic operating principle, suitable for generator/motor protection, contact arrangement INO + INC, manual/automatic reset, panel mounted, IS/IEC compliant	6	Nos		
74					
	Over-Current Relay , rated current 16A adjustable, rated voltage up to 440V AC, inverse/definite time characteristics, contact arrangement INO + INC, DIN rail/panel mounted, protection class IP20, IS/IEC 60255 compliant	6	Nos		
75					
	Under-Voltage Relay , operating voltage range 360–440V AC, $\pm 10\%$ tolerance, preset/adjustable drop-out voltage, contact configuration INO + INC, panel mounted, IS/IEC standards compliant	6	Nos		
76					
	Miniature Circuit Breaker (MCB) , thermal-magnetic type, rated current 16A, single pole, rated voltage 240V AC, breaking capacity minimum 6kA, tripping characteristic Type C, DIN rail mounted, flame-retardant housing. IS 60898 / IEC 60898 compliant	6	Nos		
77					
	Miniature Circuit Breaker (MCB) , thermal-magnetic type, rated current 16A, three pole, rated voltage 415V AC, breaking capacity minimum 6kA, Type C curve, DIN rail mounted, IS 60898 / IEC 60898 compliant	6	Nos		
78					
	Miniature Circuit Breaker (MCB) , thermal-magnetic type, rated current 16A, two pole, rated voltage 415V AC, breaking capacity minimum 6kA, Type C curve, DIN rail mounted, IS 60898 / IEC 60898 compliant	6	Nos		
79					
	Moulded Case Circuit Breaker (MCCB) , rated current 100A, triple pole, rated operational voltage 415V AC, breaking capacity ≥ 25 kA, adjustable thermal-magnetic trip unit, panel mounted, moulded insulated case, IS/IEC 60947-2 compliant	2	Nos		
80					
	Isolator 100A, three pole	3	Nos		
81					

82

82	Earth Leakage Circuit Breaker (ELCB) , double pole, rated current 25A, rated voltage 240V AC, earth leakage sensitivity 25mA, operating time <300ms, manual reset, DIN rail mounted, trip indication, IS 12640 / IEC compliant	3	Nos		
83	Residual Current Circuit Breaker (RCCB) , current-operated type, rated current 25A, double pole, rated voltage 240/415V AC, residual operating current 30mA, high sensitivity for personnel protection, test button provided, DIN rail mounted, IS 12640 / IEC 61008 compliant	3	Nos		
84	HRC fuses 2.5A / 5A / 7.5A / 10A	6	Nos each		
85	Glass fuses 2.5A / 5A / 7.5A / 10A	6	Nos each		
86	Rewirable fuse kit-kat type, 10A	10	Nos		
87	Cable glands ½ inch & ¾ inch	2	Nos each		
88	ACSR conductor	10	Kg		
89	Aluminium binding wire, 14 SWG	2	Kg		
90	25A 3-phase contactor, 230V coil, 3P + 1NO + 1NC	6	Nos		
91	Add-on auxiliary contact block, 1NO + 1NC	6	Nos		
92	Overload relay suitable for 25A contactor	2	Nos		
93	Green push button, NO contact	5	Nos		
94	Red push button, NC contact	5	Nos		
95	R/Y/B phase indicator set	2	Set		
96	DIN rail, slotted type	5	Mtr		
97	Star-delta timer 1-8 sec, 230/415V	2	Nos		
98	Cable ties 150 mm	2	Packets		
99	Cable tie mounting stickers, 1 inch	2	Packets		
100	PVC cable tray / channel, 1.5 inch width	10	Mtr		
Sub Total Amount					
GST					
Grand Total Amount					


 (Nitesh P. Gawas)
 Principal