



Government of Goa

DIRECTORATE OF SKILL DEVELOPMENT & ENTREPRENEURSHIP

MARGAO GOVERNMENT INDUSTRIAL TRAINING INSTITUTE

BORDA MARGAO GOA

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Ref No. : MRGITI/STR/F-78/2025-26/ 1075

Date: 24/11/2025.

To,

O/c.

Sub: - Invitation of Quotations for supply of consumable material required for Mechanic Electronics Trade Junior & Senior reg.

Sir,

Quotations are invited in sealed envelopes for the supply of the stores at Margao Government I.T.I. Borda Margao-Goa. As per the specification and quantity mentioned below.

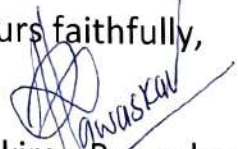
Sr. No.	Description of the Item	Quantity Required
01)	ANNEXURE I ENCLOSED	

The terms and conditions as applicable for the supply of stores are as follows:-

1. The materials will have to be supplied within the period of 15 days from the date of placing of the supply order.
2. The CST, Octroi, Sales Tax, GST and any other levy applicable at the time of supply may be shown separately in the quotation, otherwise it will be presumed that the price offered are inclusive of all taxes whatever may be.
3. The rate quoted shall be inclusive of packing and forwarding charges and freight paid for destination I.T.I. Margao Goa.
4. The make, Brand, Model, etc. giving the details of the material quoted for should be mentioned in the quotation or else the item quoted shall be liable for rejection.
5. The printed terms and conditions in your quotation will not be binding unless specially referred to in the covering letter.

6. The quotation shall be valid for 90 days from the date of the opening of the same.
7. The store will be inspected for acceptance and will be accepted if it confirms to the specification mentioned in the supply order. (The stores can be inspected in your presence or in the presence of your representative).
8. In case of the rejection of the stores for not confirming to specification in the supply order, it will be the sole responsibility of the supplier to make arrangement to collect the same at his own cost and risk immediately.
9. This office reserves the right to accept or reject any or all the quotations without assigning any reason thereof.
10. In the event of any disputes arising out in the connection it shall be subject to the jurisdiction of DSDE at Panaji-Goa.
11. In case the payment is desired outside the state by a Demand-Draft, the bank commission shall have to be borne by the supplier.
12. The material supplied, as the case may be, should carry a warranty/guarantee against the defect for a period of 12 months or more from the date of acceptance.
13. The cost of installation, commencing, and demonstration if any shall be mentioned separately along with the item in case of tools and equipment.
14. The Instruction/operating manual shall be furnished along with the equipment as the case may be.
15. The Quotations will be evaluated as a single package for award of contract.
16. The quotations may be sent in sealed cover super scribing **"QUOTATION NUMBER & SUBJECT"** so as to reach this office on or before **1.00 P.M. on 26/12/2025** which will be opened on the same day at **1.00 P.M.**

Yours faithfully,


Ravikiran Pawaskar
(Principal)

ANNEXURE-I (s)					
Sr.No	Discription	Quantity		Unit Rate	Total Amount
1	Incandescent bulb 60 watts/250 V	4	Nos.		
2	Lamp - Green, Red 12V/5W with holder	6	Nos.		
3	5 core PVC cable	1	Nos.		
4	4 core PVC cable	1	Nos.		
5	3 core PVC cable	2	Nos.		
6	2 core PVC cable	2	Nos.		
7	9V battery (Alkaline type)	1	Nos.		
8	12 V battery (SMF type) 7AH rating available	1	Nos.		
9	Hydrometer	1	Nos.		
10	Hook up wires single core (red and black colour) 1each	3	Nos.		
11	IC LM 723	10	Nos.		
12	Integrated Circuit (IC) 8038	5	Nos.		
13	Three-pin voltage regulator IC 7905	15	Nos.		
14	Three-pin voltage regulator IC 7912	15	Nos.		
15	Three-pin voltage regulator IC 7805	15	Nos.		
16	Three-pin voltage regulator IC 7812	15	Nos.		
17	Different types of -ve and +ve regulator ICs (7806/7906/7809/7909) 10 each	40	Nos.		
18	IC 7408	15	Nos.		
19	IC 7432	5	Nos.		
20	IC 74266	5	Nos.		
21	IC 7402	5	Nos.		
22	IC 7404	5	Nos.		
23	IC 7486	5	Nos.		
24	IC-7483	5	Nos.		
25	IC-74LS151	2	Nos.		
26	IC-74LS138	2	Nos.		
27	74 LS 74	5	Nos.		
28	74 LS 76	5	Nos.		
29	74 LS 107	5	Nos.		
30	74 LS 109	5	Nos.		
31	IC 74LS10 (3 Input NAND)	5	Nos.		
32	IC MC74HC 73 (Dual/JKFlip-Flop)	5	Nos.		
33	IC 741	8	Nos.		
34	LM 324	6	Nos.		
35	IC 555	6	Nos.		
36	3-terminal voltage regulator, LM317T T0-220	20	Nos.		
37	100 KΩ Potentiometer / 1W	2	Nos.		
38	Potentiometer 250kΩ, 16 mm plastic shaft	1	Nos.		
39	1 kΩ, POT, linear	2	Nos.		
40	10K Linear potentiometer	5	Nos.		
41	Inductor coil, around 40mH	2	Nos.		
42	Inductor / Choke - 1 No (25 SWG,40 turns on 10mm ferrite rod with former made of leatheroid paper)	2	Nos.		
43	Assorted types and values of inductors	10	Nos.		
44	SPST switch 240V/6A	8	Nos.		
45	SPDT Switch 240V/15A	8	Nos.		
46	DPST Switch 240V/15A	2	Nos.		

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47	Tumbler switch, 1 pole, 240V/16A	1	Nos.		
48	Push button switch 240V/6A	1	Nos.		
49	Toggle Switch 240V/6A	32	Nos.		
50	Bell push switch 6A, 240V (Surface Mounting)	3	Nos.		
51	Push button Switch (push-to-ON)	2	Nos.		
52	Semiconductor diode, 1N4007 or BY127	50	Nos.		
53	Diodes, 1N4002 or BY127	50	Nos.		
54	Diode -1N4001	10	Nos.		
55	Assorted type of zener diodes	10	Nos.		
56	Zener Diode, 5.6V	10	Nos.		
57	Zener Diode BZX55 or equivalent	10	Nos.		
58	Zener Diode, 12V /1W	10	Nos.		
59	Photo diode BPW 34	10	Nos.		
60	Unijunction Transistor(UJT) Assorted types	15	Nos.		
61	UJT 2N2646	25	Nos.		
62	Field Effect Transistor (FET) Assorted types & BF 245B or BFW 10 or equivalent	8	Nos.		
63	DIAC Assorted types	10	Nos.		
64	DIAC D3202 or equivalent	10	Nos.		
65	TRIAC Assorted types	10	Nos.		
66	TRAIC BT136 or equivalent	10	Nos.		
67	Silicon Controlled Rectifier (SCR) Assorted types	10	Nos.		
68	SCR TY 6004	10	Nos.		
69	MOSFET IRF 540	10	Nos.		
70	MOSFET IRF Z44	10	Nos.		
71	MOSFET IRF 840	10	Nos.		
72	MOSFET with assorted rating (T0-3P, T0-220, T0-220AB, T0-247, T0-247 plus)	25	Nos.		
73	Heat sinks for given MOSFET	5	Nos.		
74	MCB, Single pole, 240V/6A	2	Nos.		
75	Relay 12V/30mA/10A/1CO	4	Nos.		
76	Relay 5V/50 mA/10A 1CO	1	Nos.		
77	Relay 6 V	1	Nos.		
78	Red LED/5mm	35	Nos.		
79	Green LED/5mm	20	Nos.		
80	Yellow LED/5mm	10	Nos.		
81	White LED/5mm	10	Nos.		
82	Orange LED/5mm	10	Nos.		
83	Blue LED/5mm	10	Nos.		
84	Transistors, SL 100	20	Nos.		
85	Transistor -BC 547	20	Nos.		
86	Transistor BF 495	20	Nos.		
87	Transistor BC 107	20	Nos.		
88	Transistor BC 148 B or Transistor BC548	20	Nos.		
89	Photo transistor PT 1504-6B	20	Nos.		
90	Transistor 2N2222	20	Nos.		
91	Small PV cells 12V	1	Nos.		
92	Speaker, 8Ω, 1W 2" or any small	2	Nos.		
93	Resistor 1kΩ/1W	10	Nos.		
94	Resistor 1kΩ/½W	10	Nos.		
95	Resistor 1kΩ/¼W	19	Nos.		
96	Resistor 100kΩ 1/¼W	10	Nos.		
97	Resistor 15 kΩ ¼W	10	Nos.		

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98	Resistor 2.5 k Ω 1/4W	10	Nos.
99	Resistor 18k Ω 1/4 W/CR25	10	Nos.
100	Resistor 390 Ω 1/4 W/CR25	10	Nos.
101	Resistor 82k Ω 1/4 W/CR25	10	Nos.
102	Resistor 3.9k 1/4 W/CR25	10	Nos.
103	Resistor 680 Ω 1/4 W/CR25	10	Nos.
104	Resistor 47k Ω 1/4 W/CR25	10	Nos.
105	Resistor 4.7k Ω 1/4W	10	Nos.
106	Resistor 390 Ω 1/4W	10	Nos.
107	Resistor 4.7k Ω 1/2W	10	Nos.
108	Resistor, 470k Ω 1/2 watt CR25	10	Nos.
109	Resistor 47 Ω 1/4 watts	10	Nos.
110	Resistor 100 Ω 1/4 watts	10	Nos.
111	Resistor 15k Ω 1/4 watts	10	Nos.
112	Resistor, 180 Ω 1W	10	Nos.
113	Resistor 150k Ω 1/4 watts	10	Nos.
114	Resistor, 3.3k Ω 1W	10	Nos.
115	Resistor 100 Ω 1/2 watts	10	Nos.
116	Resistor 150 Ω 1/2 watts	10	Nos.
117	Resistor 220 Ω 1/2 watts	10	Nos.
118	Resistor, 10k Ω 1/4 CR 25	35	Nos.
119	Resistor, 12k Ω 1/4 CR 25	10	Nos.
120	Resistor, 47k Ω 1/4 CR 25	10	Nos.
121	Resistor, 1M Ω 1/4 CR 25	10	Nos.
122	Resistor, 10 M Ω 1/4 CR 25	10	Nos.
123	Resistor, 560 Ω 1/2 watt CR25	10	Nos.
124	Resistor, 470 Ω 1/2 watt CR25	10	Nos.
125	Resistor 820 Ω , 1/4W CR25	10	Nos.
126	Resistor 2.7k Ω 1/2W	10	Nos.
127	Resistor 6.8k Ω 1/2W	10	Nos.
128	Resistor 68k Ω 1/4W	10	Nos.
129	Resistor 5.6 k Ω 1/4W	10	Nos.
130	Resistor 4.7k Ω 1/2W	10	Nos.
131	4K7, potentiometer, carbon, rotary 1W	4	Nos.
132	Resistor 2.2 K Ω , carbon, 1/2W	10	Nos.
133	Resistor 2K Ω , carbon, 1/4W	10	Nos.
134	Resistor, 100k Ω 1/4 CR 25	10	Nos.
135	Resistor 12 Ω , carbon, 1/4W	10	Nos.
136	Resistor 10 Ω , carbon, 1/4W	10	Nos.
137	Resistor 330 Ω , carbon, 1/4W	25	Nos.
138	Resistor 33K, carbon, 1/4W	10	Nos.
139	Resistor 22K, carbon, 1/4W	10	Nos.
140	Resistor 220 Ω , carbon, 1/4W	10	Nos.
141	Resistor 120 Ω , 1/4 W	4	Nos.
142	Resistor 1.2 k Ω 1/4 W	10	Nos.
143	Resistor 5.6 k Ω 1/4 W	3	Nos.
144	Resistor 3.3k Ω , 1/4 W	3	Nos.
145	1 k Ω , POT, linear	2	Nos.
146	Preset, 470 Ω	2	Nos.
147	Preset, 47K Ω	2	Nos.
148	10k preset	2	Nos.
149	Resistor 2.2k, 10k W	2	Nos.
150	Capacitors 2200 μ F/50V electrolytic	10	Nos.
151	25 μ F/50V, electrolytic Capacitors	10	Nos.

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152	10 μ F/50V, electrolytic Capacitors	10	Nos.		
153	10 μ F/25 V, electrolytic Capacitors	10	Nos.		
154	25 μ F/25V electrolytic Capacitors	10	Nos.		
155	4.7 μ F/25V electrolytic Capacitors	10	Nos.		
156	100 μ F/25V electrolytic Capacitors	10	Nos.		
157	470 μ F/25V electrolytic Capacitors	10	Nos.		
158	Capacitors, 0.47 μ F/25V Capacitors	10	Nos.		
159	1 μ F/25V electrolytic Capacitors	10	Nos.		
160	Capacitors 680pF	10	Nos.		
161	Capacitors 330pF	10	Nos.		
162	Capacitors 22 μ F,	10	Nos.		
163	Capacitors 100 nF, ceramic disc	10	Nos.		
164	Capacitor 100PF	10	Nos.		
165	Capacitors 1 μ F,	10	Nos.		
166	Capacitors 0.1 μ F Ceramic Disc	10	Nos.		
167	Capacitors 10 μ F	10	Nos.		
168	Capacitors 0.01 μ F/ 25V	10	Nos.		
169	Capacitors 0.001 μ F	10	Nos.		
170	Capacitor, 0.1 μ F/16V	10	Nos.		
171	Capacitor, 0.1 μ F/25V	10	Nos.		
172	Capacitor, 4.7 μ F/25V	10	Nos.		
173	Capacitor, 5.6 nF/25V	10	Nos.		
174	Capacitor, 6.8 μ F/25V	10	Nos.		
175	Capacitor 270 nF, disc/25V	10	Nos.		
176	Capacitor 0.1 μ F 400 volts	10	Nos.		
177	Bread board	5	Nos.		
178	10 Ω Potentiometer/1A carbon type	2	Nos.		
179	Lugs 1.5 mm	6	Nos.		
180	Lugs 2.5 mm	6	Nos.		
181	Lugs 4 mm	6	Nos.		
182	Lugs 6 mm	6	Nos.		
183	Step-down transformer, 230V/6V-0-6V, 1 A	10	Nos.		
184	3 pin electrical mains plug 250 V/6A	2	Nos.		
185	Centre tapped Step-down Transformer, 230V/12-0-12V/ 500mA	2	Nos.		
				TOTAL	
				IGST 18%	
				TOTAL AMOUNT	



ANNEXURE-II

Sr.No	Discription	Quantity		Unit Rate	Total Amount
1	RF coaxial cable, RG6 coaxial A/V cable	6	Mtrs		
2	Screened Cable, 4conductor 22AWG foil, mesh shield	6	Mtrs		
3	Ribbon cable (4 and 10wire) Flat cable 10conductor, multistraind	6	Mtrs		
4	RCA cable AV cable 2core	6	Mtrs		
5	UTP cable, 4pair	6	Mtrs		
6	STP cable, 4pair	6	Mtrs		
7	Ethernet cable, Cat 6, compactible with RJ 45	20	Mtrs		
8	Fibre optic cable, 6core unarmoured	6	Mtrs		
9	Anntenna Cable	6	Mtrs		
10	Digital opto AUDIO VIDEO cable	6	Mtrs		
11	HMDI Cable, 19+1shielded cable	6	Mtrs		
12	VGA Cable, Aluminium Shield 16core	6	Mtrs		
13	Phono Jack (M &F)	6	Nos		
14	Mono Jack (M &F)	6	Nos		
15	Stereo Jack (M &F)	6	Nos		
16	RCA connector (M &F)	6	Nos		
17	RJ45 connector (M &F)	6	Nos		
18	RJ11 connector (M &F)	6	Nos		
19	Fibre Cable Connectors (M &F)SC-PC single mode	6	Nos		
20	Antenna Adaptor (M &F)	6	Nos		
21	USB Connector (M &F)	6	Nos		
22	Micro USB Connector (M &F)	6	Nos		
23	HDMI Connector (M &F)	6	Nos		
24	DB Connector (M &F)	6	Nos		
25	CMOS battery, 3V, 220mAh	6	Nos		
26	AntivirusSoftware, CD/DVD, 1yr	2	Nos		
27	MS Office Software	1	No		
28	Hard Disk External, 1TB, with cable	2	Nos		
29	Motherboard, OS support Window 10, Intel Graphics , 16GBmemeory	1	No		
30	RAM, 8GB 2666MHz, 1.2V	2	No		
31	Main Cord Cable, for 230V, 5A	5	Nos		
32	VGA Cable with connector, for CPU to Monitor	2	Nos		
33	HDMI Caba with Connector for CPU to external device	4	Nos		
34	Resistor in ohms, 100, 220, 1.2K, 4.7K - 10each	40	Nos		
35	Capacitor Electrolytic, 10mf, 100mf - 10each	20	Nos		
36	Capacitor Multilayer ceramic, 0.1mf, 0.01mf - 10each	20	Nos		
37	Diode, 1N4007	25	Nos		
38	Rectifier IC, MB 10S	10	Nos		
39	Regulator IC, 7805, 7812, 7905, 7912 - 10each	40	Nos		

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40	Transistor IC, PNP - BC 848, NPN BC 817 - 10each	20	Nos		
41	SMD IC, 741, 321, 555, 324, 723 - 10each	50	Nos		
42	SMD LED, 5060, 4014, 3535, 5730 - 10each	40	Nos		
43	Soldering Wire, 60:40, 22swg	1	kg		
44	Soldering Paste	1	kgs		
45	Solder Flux, Box type	1	kgs		
46	Desolder Braid/ wick, Bundle	50	Nos		
47	Solder Bits of different sizes for Soldering station/Iron 25W super zoom	5	Nos		
48	Kicad Software CD	1	No		
49	Copper clad PCB Board 10x10cms	15	Nos		
50	PCB Etching (Ferric Chloride) packet of 500gms	3	kgs		
51	Thinner, Acetone (400ml)	5	nos		
52	Conformal Coating spray bottle, 500ml - 1bottle	1	Nos		
53	Brushes 0 or 1mm	5	Nos		
54	Drill Bit (0.5, 1.0, 1.5)	30	Nos		
55	Copper Strip (Solder Pad)	5	Mtrs		
56	Glue stick for PCB	2	Bottles		
57	Catridge Fuse, 100ma, 200ma, 500ma, 1A, 2A	10	Nos		
58	Glass Fuse, 240V	30	Nos		
59	Kitkat Fus, 27 SWG 120gm	2	Nos		
60	HRC Fuse, 20A	5	Nos		
61	Fuse Wire	1	kgs		
62	Single Pole MCB, 230V, 6A	1	Nos		
63	Triple Pole MCB, 415V, 6A	1	Nos		
64	MCCB, 4 pole 1000A	1	Nos		
65	ELCB, 2Pole, 32A - 32mA	1	Nos		
66	Relay DC, 5V 300ohms, SPDT, 7A 14VDC, 7.5A 250V AC	5	Nos		
67	Relay AC, 120V, TPDT, 120VAC coil, Output : 10A AC 250V/ 10A DC 30V	2	Nos		
68	Contact, AC 230V 11KW, 3Pole, 1N	1	Nos		
69	RTD (PT100)	2	Nos		
70	Thermocouple	2	Nos		
71	Thermister module	2	Nos		
72	Temperature IC	2	Nos		
73	Proximity Sensor (Inductive and Capacitive)	2	Nos		
74	Load Cell	2	Nos		
75	Strain Gauge	2	Nos		
76	LVDT	2	Nos		
77	Water Float (Level Sensor)	2	Nos		
78	RFID card	2	Nos		
79	Ultrasonic sensor	2	Nos		
80	LDR sensor Module	2	Nos		
81	Photo sensor	2	Nos		
82	IR module	2	Nos		
83	Ardino UNO	2	Nos		



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84	Aurdino Nano	2	Nos		
85	16X2 LCD display	2	Nos		
86	741, 324, 723,555, 7106,7107, LM317, 7805,	40	Nos		
87	7812, 7824, 7912, LM386, 2576, 34063	30	Nos		
88	7400, 7402, 7404, 7408, 7432, 7486, 74266,	35	Nos		
89	IC 7106,	5	Nos		
90	7 segment Display,	20	Nos		
91	Resitor 1M, 24K, 100K, 47K,	40	Nos		
92	Pot 1K	10	Nos		
93	Capacitor 0.1mf, 0.01mf, 0.47mf, 0.22mf, 100mf	50	Nos		
94	Electrolytic Capacitor 100mf 25V	10	Nos		
95	2pin berg connector	20	Nos		
96	40pin IC socket	5	Nos		
97	IC 7107	5	Nos		
98	7 segment Display,	50	Nos		
99	Resitor 1K, 15K, 10K, 1M, 100K,47K	60	Nos		
100	Zener Diode 1.2V	10	Nos		
101	Capacitor 100pf, 22nf, 0.1mf, 0.47mf, 0.22mf,	50	Nos		
102	Electrolytic Capacitor 100mf 25V	10	Nos		
103	2pin berg connector	10	Nos		
104	40pin IC socket	5	Nos		
105	TV SMPS	1	Nos		
106	COMPUTER SMPS	1	Nos		
107	Battery 12V, 7Ah rechargeable	2	Nos		
108	Inverter Circuit (With Components)	1	Nos		
109	Single color, 1.5v	50	Nos		
110	Multi Color	50	Nos		
111	Photovoltaic Cell	5	Nos		
112	Photo Diode	10	Nos		
113	Photo Transistor	5	Nos		
114	Solar Panel	2	Nos		
115	Solar Inverter	1	Nos		
116	LED tubelight 20W	2	Nos		
117	LED Bulb 18W, 12W	2	Nos		
118	SMD LED	25	Nos		
119	LED Strips single color	5	Mtrs		
120	LED Strips multi color	5	Mtrs		
121	Remote Control of TV	2	Nos		
122	Remote of AC	2	Nos		
				TOTAL	
				IGST 18%	
				TOTAL AMOUNT	

