



Government of Goa  
DIRECTORATE OF SKILL DEVELOPMENT & ENTREPRENEURSHIP

**MAPUSA GOVERNMENT INDUSTRIAL TRAINING INSTITUTE**

1<sup>st</sup> Floor, BSNL Telephone Exchange Building, P & T Colony, Porvorim Goa. 403521

(0832) 2959999

Website: [www.itimapusa.goa.gov.in](http://www.itimapusa.goa.gov.in)

Email: [mapusa-iti.goa@nic.in](mailto:mapusa-iti.goa@nic.in)

No. 75/ITI/MAP/STR/ELECT MECH(2)/DS/2023-25/1393

Date: 5/12/2023  
( AGRAHAYANA 1945

**Sub: Inviting sealed quotation for procurement of tools & equipment for Electronics Mech trade.**

Sir,

Short tender is invited in sealed envelope as per the specification and quantity mentioned in the attached "Annexure".

***The terms and conditions as applicable for the supply of tools & equipment are as follows:-***

- 1) The material should be supplied within a period of 20 days from the date of placing the supply order at Mapusa Govt. Industrial Training Institute, 1<sup>st</sup> Floor, BSNL Telephone Exchange Building, P & T Colony, Porvorim-Goa. 403521
- 2) The rate quoted shall be inclusive of all taxes. The CST, Octroi, sales tax and any other levy applicable may be shown separately in the tender; otherwise it will be presumed that the price offered is inclusive of all taxes whatever may be.
- 3) The tender will be evaluated items wise.
- 4) Details of the items along with the make, brand, model, etc should be clearly mentioned in the tender; else the item shall be liable for rejection.
- 5) The tender shall be valid for **180** days from the date of opening it.
- 6) The items 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.
- 7) In case of rejection of the items, the supplier shall be responsible to make arrangements to lift the same at his own cost and risk immediately.
- 8) Transportation, installation and demonstration shall be at the cost of the supplier.

*(Signature)*

- 9) In the event of any question, dispute or any difference arising, the same shall be referred to the sole arbitrator of a person to be appointed by the Governor of Goa. The award of the arbitrator so appointed shall be final.
- 10) This office reserves the right to accept or reject any or all the tenders without specifying any reason thereof.
- 11) This office reserves the right to place order for part/full quantity mentioned in the tender for the purchase of the items as the case may be.
- 12) The extension of the time limit will be granted at the discretion of the Principal of the Institute on genuine grounds based on a written request by the supplier.
- 13) The tender may be sent in sealed cover super scribing "Tender ref. number and subject" so as to reach this office at Mapusa Govt. Industrial Training Institute, 1<sup>st</sup> Floor, BSNL Telephone Exchange Building, P & T Colony, Porvorim-Goa. 403521 on or before **26/12/2023** by 11:30 a.m. which will be opened on the same day at 12:00 noon.

Yours faithfully,

*Sheetal Desai*  
/13/12/23

(Sheetal Desai)  
PRINCIPAL

Copy to: The Stores.

To  
 The Principal  
 Mapusa Govt Industrial Training Institute,  
 1st Floor, BSNL Telephone Exchange Building, P & T Colony, Porvorim - Goa.  
 403521.  
 Mapusa - Goa  
 Required by: Shri. Vijay Gharse, VI(P)

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QUOTATION						
Sr. No	Item Description	Make	Qty	Unit	Rate / unit (Rs)	Total amt. Rs
1	LCD TV (Trainer kit) 21-inch full HD LCD Color Television should support PAL/ NTSC video formats Complete block diagram of a LCD TV system, Study board indicating various sections of LCD TV along with the test points and switch faults		1	no		
2	Analog Component Trainer Breadboard for Circuit design with necessary DC /AC power supply: Sine, Square, Triangle Modulating Signal Generator and Simulation Software		4	nos		
3	Op Amp trainer		2	nos		
4	Digital IC Trainer Breadboard for Circuit design with necessary DC Power Supply, Graphical LCD, Clock Frequency 4 different steps, Data Switches: 8 Nos, LED Display: 8 Nos. (TTL), Seven Segment Display, Teaching Simulation Software		4	nos		
5	POWER ELECTRONICS TRAINER with at least 6 no's of application board MOSFET Characteristics SCR Characteristics SCR Lamp Flasher SCR Alarm Circuit Series Inverter Single Phase PWM Inverter		4	nos		
6	Frequency modulator and Demodulator trainer kit FM Modulator Type : Reactance Modulator, Varactor Modulator, VCO Based Modulator FM Demodulator type All 5 demodulation techniques Detailed teaching and learning contents through software.		2	nos		
7	PAM, PPM, PWM trainer kit		2	nos		
8	Digital and Analog Bread Board Trainer DC/AC Power Supply, Sine/ Square/ TTL Generator Data Switches, LED indication, LED Display: 8 in Nos Simulation/Teaching Content through software		6	nos		
9	Mobile phone Trainer 2G /3G/4G Dual SIM GSM Handset. Frequency measurement and band verification. Real time Mobile Operation		1	no		
10	Fiber optic communication trainer Full Duplex Analog & Digital Trans-receiver with 660nm & 950nm, Noise Generator with variable gain, Four Seven Segment Display BER Counter, Eye Pattern.		2	nos		
	Total =					
	GST =					
	S. Total =					
	R. Off =					
	Grand Total =					

Validity of quotation: 180 days