

m-254

ANNEXURE 12

FORM OF SHORT TENDER NOTICE

No. 590/HSS/23-24

Department: General Education DHSE

Sealed tenders are invited for the supply of the following stores:

(Here mention the stores briefly with quantity and wherever possible quality also.)

list attached

The envelopes containing the tender should bear the superscription

Supply of lab equipments specified on the schedule of
AI devices installation operator
and should be addressed to (H. E. Designation of Purchasing Officer).

Principal, GHSS Kamaleswaram, Manacaud, Tvpm, 695009

Last date for receipt of tenders will be 07/09/23 Late tenders will not be accepted.

The tenders will be opened at 08/09/23 on
2pm in the presence of such of the tenderers or their authorized
representatives who may be present at that time.

Intending tenderers may, on application to the (H.E. Designation of the Purchasing Officer)

obtain the requisite tender forms on which tenders should be submitted. Application for the

tender form should be accompanied by a cash remittance of ₹ 600/- Six hundred

which is the price fixed for a form/set of forms and which is not refundable under any

circumstances. The tender forms are not transferable. Sale of tender forms will be closed at

07/09/23 on 4pm. Cheques, postage stamps, etc., will not be

accepted towards the cost of forms, nor will the forms be sent per V.P.P. Duplicate tender

forms, if required will be issued at ₹ per copy.

E.M.D - Rs 2246/-

Place: Manacaud

Date: 18-8-23

(Name and Designation of Issuing Officer)



SINDHU S.I
PEN 480161
PRINCIPAL
Govt. HSS Kamaleswaram: (01022)
Thiruvananthapuram-695009

STANDARD LIST

This list of equipment, tool, consumables & furniture are prepared for a batch of 25 students

PART A -EQUIPMENTS			
SL NO	NAME	SPECIFICATION	QUANTITY
1	Microprocessor Board : Arduino Uno R3	Microcontroller: ATmega328 32 KB of Flash memory Operating Voltage: 5V Input Voltage (recommended): 7-12V Input Voltage (limits): 6-20V Digital I/O Pins: 14 (6 pins provide PWM output), Analog Input Pins: 6	5 Nos
2	Microprocessor Board: Arduino Mega	Microcontroller: ATmega2560 256 KB of Flash memory Operating Voltage: 5V Input Voltage (recommended): 6-20V Input Voltage (limits): 6-20V Digital I/O Pins: 54 (14 pins provide PWM output), Analog Input Pins: 16	3 Nos
3	Microprocessor Board: Raspberry Pi-4	Processor: 1.5GHz Broadcom BCM2711(64 Bit), 802.11n Wireless LAN, Bluetooth 5.0 8 GB RAM,40 GPIO pins Full HDMI port Combined 3.5mm audio jack and composite video, CSI, DSI, Micro SD card slot	5 Nos
4	Beagle Bone Black Development Board	Processor: AM335x 1GHz ARM Cortex-A8 512MB DDR3 RAM 4GB 8-bit eMMC on-board flash storage NEON floating-point accelerator 2x PRU 32-bit microcontrollers 3Dgraphics accelerator	2 Nos
5	Humidity Sensor	DHT11 Digital Relative Humidity & Temperature Sensor Module	5 Nos
6	Gyro meter/ Accelerometer	MPU6500, Gyroscope/ Accelerometer/Digital Motion Processor (DMP) 6-axis Motion Sensor with I2C/SPI Interface	5 Nos
7	Proximity Sensor	M18*80 mm Long run, Non Shielded, AC, NC, Two Wire 90- 250 VAC	5 Nos

8	Light Sensor	Sensor Model :LDR Voltage:+3.3 Volt Input :Light Output :Analog	3 Nos
9	Video Surveillance Camera: IP Camera	Wireless WiFi IP CCTV Security 1080P 12mp Ptz Outdoor Ip66 Water Proof Pan Tilt Home Surveillance Camera	3 Nos
10	Network Switch	8 Port	1 Nos
11	Wireless Router	Dual Band Router 750 Mbps Speed or higher Frequency :5GHz ,2.4 GHz or higher External Antenna	1 Nos
12	Handy vacuum cleaner	800 W	1 Nos
13	Multimeter (DIGITAL)	DC Voltage 0.1mv-1000v AC Voltage 0.1mv-750V AC & DC Current range 15A	5 Nos
14	Pen drive	32GB	1 Nos

PART C TOOLS AND ACCESSORIES			
SL.NO	NAME	SPECIFICATION	QUANTITY
1	Wire cutters	100/150 mm	5 Nos
2	Wire stripper	6 inch	5 Nos
3	Crimping tools	Terminates RJ11,RJ12 &RJ45 modular plugs	5 Nos
4	Soldering gun(desoldering pump)		3 Nos
5	Soldering irons	10w & 25 w	5 each
6	Magnifying Lens		3 Nos
7	Screw Driver Set		5 Nos
8	Connection Wires	As per Kerala Govt. Specifications	-

PART D CONSUMABLES			
SL.NO	NAME	SPECIFICATION	QUANTITY
1	White Board Marker	Blue/Black	2
2	A4 Paper	500 Nos Paper Bundle	2
3	UTP Cat. 5 cables		20m
4	UTP Cat. 6 cables		20m
5	RJ 45 modular jack		5nos
6	RJ 45 Connector		100 Nos
7	Insulation tape	Black	10 Nos

PART E OTHER ACCESSORIES			
SL.NO	NAME	SPECIFICATION	QUANTITY
1	White Board	Aluminium frame 150*120 cm	1 Nos
2	Rulers		5 Nos
3	First Aid Kit	As per Kerala Govt. Specification	1 Nos per batch
4	safety glasses	Personal Protection Equipment	25 Nos
5	head protection	Personal Protection Equipment	25 Nos
6	rubber gloves	Personal Protection Equipment	25 Nos
7	safety footwear	Personal Protection Equipment	25 Nos
8	warning signs and tapes,	Personal Protection Equipment	25 Nos
9	fire extinguisher	As per Kerala Govt. Specification	1 Nos per batch

PART G FORMS			
SL.NO	NAME	SPECIFICATION	QUANTITY
1	Escalation matrix		25 Nos
2	Organisation structure		25 Nos
3	Service Manual/User Manuals		25 Nos
4	Customer Registration Form		25 Nos
5	Program Authentication Form		25 Nos
6	Customer Feedback form		25 Nos