



**Kerala
Tenders**

eTendering System Government of Kerala

Tender Details

Date : 07-Nov-2023 12:23 PM

Print

Basic Details

Organisation Chain	Directorate of Technical Education Govt. Engineering College Thrissur		
Tender Reference Number	D1/4793/2023/GECTCR		
Tender ID	2023_DTE_619925_1	Withdrawal Allowed	Yes
Tender Type	Open Tender	Form of contract	Item Wise
Tender Category	Goods	No. of Covers	2
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Online	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No

Payment Instruments

Online Bankers	S.No	Bank Name
	1	SBI MOPS

Cover Details, No. Of Covers - 2

Cover No	Cover	Document Type	Description
1	Fee/PreQual /Technical	.pdf	Scanned copy of Duly Filled and Signed preliminary agreement of Rs. 220/- Kerala stamp paper
		.pdf	Scanned copy of duly signed and filled tender form
		.pdf	EMD Exemption certificate if any
		.pdf	Detailed Product brochure
		.pdf	Detailed specification of the item
		.pdf	Manufacturers authorisation Certificate if any
		.pdf	GST certificate
2	Finance	.xls	Price Bid tender form

Tender Fee Details, [Total Fee in ₹ * - 1,888]

Tender Fee in ₹	1,888		
Fee Payable To	Nil	Fee Payable At	Nil

EMD Fee Details

EMD Amount in ₹	10,210	EMD through BG/ST or EMD Exemption Allowed	Yes
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Tender Fee Exemption Allowed	Yes	EMD Fee Type	percentage	EMD Percentage	1.0%
		EMD Payable To	Nil	EMD Payable At	Nil

Click to view modification history

Work / Item(s)					
Title	Purchase of Various Electronics Items for NCRAI				
Work Description	Purchase of Various Electronics Items for NCRAI				
Pre Qualification Details	Please refer Tender documents.				
Independent External Monitor/Remarks	NA				
Show Tender Value in Public Domain	Yes				
Tender Value in ₹	10,21,000	Product Category	Equipments	Sub category	NA
Contract Type	Yes Tender	Bid Validity(Days)	180 Days	Period of Work(Days)	60
Location	GOVERNMENT ENGINEERING COLLEGE, THRISSUR	Pincode	680009	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	GOVERNMENT ENGINEERING COLLEGE, THRISSUR
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

Critical Dates			
Publish Date	07-Nov-2023 03:00 PM	Bid Opening Date	15-Dec-2023 11:00 AM
Document Download / Sale Start Date	07-Nov-2023 03:00 PM	Document Download / Sale End Date	12-Dec-2023 12:00 PM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	07-Nov-2023 03:00 PM	Bid Submission End Date	12-Dec-2023 12:00 PM

Tender Documents				
NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	Tender Notice	172.31
Work Item Documents	S.No	Document Type	Document Name	Document Size (in KB)
	1	Tender Documents	Tenderagreement.pdf	67.61
	2	Tender Documents	tenderform.pdf	2391.54
	3	Tender Documents	spec.pdf	120.53
	4	BOQ	BOQ_931304.xls	290.50

Bid Openers List			
S.No	Bid Opener Login Id	Bid Opener Name	Certificate Name
1.	ursdhanya@gmail.com	DHANYA V S	DHANYA V S
2.	leethajoseph@gmail.com	LEETHA JOSEPH	LEETHA JOSEPH
3.	prabithapravi2005@gmail.com	PRABITHA K K	PRABITHA

Tender Properties

Auto Tendering Process allowed	No	Show Technical bid status	Yes
Show Finance bid status	Yes	Show Bids Details	No
BoQ Comparative Chart model	Normal	BoQ Compative chart decimal places	2
BoQ Comparative Chart Rank Type	L	Form Based BoQ	No
Show Bid Details in Public Domain stage	Technical Bid Opening		

Tender Inviting Authority

Name	Principal
Address	GOVERNMENT ENGINEERING COLLEGE, THRISSUR

Tender Creator Details

Created By	PRABITHA K K	Show Technical bid status	Yes
Designation	U D TYPIST		
Created Date	07-Nov-2023 11:40 AM		

GOVERNMENT ENGINEERING COLLEGE, THRISSUR NOTICE INVITING E-TENDER

D1/4793/23/GECTCR

28.09.2023

Tender No. : **D1/39/23-24**

Superscription : **Purchase of Various Electronics Items for NCRAI**

Bidding fee : **Govt. Engineering College**

Rs. 1888/- (1600 +18% GST)

EMD required : **Rs. 10210/-**

Address of the Officer to whom hardcopy is to be sent. : **THE PRINCIPAL, GOVERNMENT
ENGINEERING COLLEGE
THRISSUR-680009**

Specification Details

Sl.No.	Item	Description	Qty
1	Radar	<p>ARS 404 21 Long range radar sensor.</p> <ul style="list-style-type: none"> • Dimensions: 137 x 69 x 34 mm (w/o con.) • Mass: 172 g • Distance Range: 0.2 - 170 m • Resolution distance measuring - 0.40m • Field of View: $\pm 45^\circ$ • Operating Temp. Range: -40° to +85° • Power Dissip.: ~4.5 W max. • Supply Voltage: 12 V (nominal) • Operation Freq.: 76...77 GHz • Speed range - -400kmph...+200kmph • Resolution - 0.28kmph • Life time - 10,000hrs./10 years • Shock - Mechanical 	1

		<p>500m/s²</p> <ul style="list-style-type: none"> Vibration - Mechanical <p>20m/s² - 0.14m/s²</p> <ul style="list-style-type: none"> Antenna channels / - principle - 6 channels = 2TX/2RX near + 2TX/1RX*+2RX far - *1RX double column = higher bundling / Digital Beam Forming <p>Protection rating-ISO 16750</p>	
2	Lithium ion battery pack	<p>Lithium ion battery(NMC), 48V, 120 AH, with BMS, IP67 waterproof, dimension - 17x17x7 inch metal box, 1 Bluetooth module, anderson connector. Compatible for e-Baja ATV</p>	
3	PMSM motor with motor Controller, Throttle & Coupler	<p>48V, 6KW rated power, 8KW peak power, IP67, Compatible for e-Baja ATV</p> <p>With motor controller Accelerator, 4WD gearbox & differential with speed reduction ratio of 8,</p>	1
4	Hexacopter Drone platform	<p>Maximum takeoff weight>25Kg</p> <p>Foldable propeller and arms, Wheelbase > 1400mm, Propeller dia >23 inch, Voltage - 12S, 22000MAH battery, 1 year warranty, ESC - 80A-FOC, 10L tank capacity, with brushless spray pump, 4 nozzles, EFT E610P, 6215 180KV Motor, JIYI K++ V2 Flight Controller, Skydroid H12 Remote Controller</p>	1
		<p>Motor KV 1000</p> <p>Current Capacity: 12A/ 60S</p>	

5	Drone motors	LiPO Batteries: 2S-3S Max. Efficiency Current: 4-10A Shaft Diameter: 3.17 mm	10
6	Drone motor (ESC)	40A OPTO 2-4S Brushless ESC. The applicable number of battery cells: 2-4S. BEC output: 5V 3A. Use for F450 450mm S500 ZD550 RC Helicopter Quadcopter.	10
7	Drone flight controller	Supply Voltage: 7V. Processor: 32 Bit Cortex M4 Core Bus interface (UART, I2C, SPI, CAN). Firmware: Mission planner. Sensors: Gyrometer, Accelerometer, Barometer & Magnetometer Micro SD card to record flight data.	3
8	Drone RC transmitter	Bandwidth (KHz): 500. RF Range (GHz): 2.40 ~ 2.48. No. of channels: 6. Remote controller weight (gm): 400. Power: 6V (1.5V AA*4). Antenna Length: 26mm * 2 (dual antenna). Transmitting Power: ≤ 20dBm. RF Receiver Sensitivity: -105dbm.	2
9	Q450 Quadcopter Frame kit with Integrated PCB	Wheelbase: 450mm Material: Glass Fiber + Polyamide-Nylon Motor Mounting Hole diameter: 3 mm Arm Size: 220 x 40 (LxW) mm Arm mounting holes (on frame): 3 mm	2

		Arm mounting holes (on arm): 2 mm	
10	Lithium Polymer Battery Pack	Orange Hard-case Li-Po Battery Cell: 3S Capacity (mAh): 3300mAh Output Voltage (VDC): 11.1V Discharge Plug: Female T-connector Max. Charge Rate: 45C	2

General conditions

- The unit price, all other charges such as delivery, transporting, packing, shipping, loading and unloading charges etc, and GST must be shown separately and should be furnished unambiguously.
- Payment will be made only after the successful supply, installation and testing.
- F.O.R: Govt. Engineering College, Thrissur.
- Agreement: Preliminary Agreement in Rs.220/- Kerala Stamp Paper.
- Date of opening of tender: In case the proposed date declared as holiday, the tender will be opened on the next working day.
- After E-tendering the hard copy of all documents should be submitted before the date of opening of the tender to the Principal, Government Engineering College, Thrissur.
- Items to be supplied at Mechanical Engineering Department of Govt. Engineering College, Thrissur.
- Installation, successful demonstration and training required.
- Delivery Period: within two months the date of receipt of supply order.
- 5% security deposit along with agreement should be furnished within a month/fortnight from the date of receipt of supply order.
- Only GST Registered firms should participate in the tender.
- Bidder shall be responsible for installation / demonstration as applicable and for after sales service during the warranty and thereafter.
- Installation and demonstration to be arranged by the supplier free of cost and the same is to be done within 15 days of the arrival of the equipment at site.

NB: The Tender procedure will be made as per Rules mentioned in the Revised Store Purchase Manual. The bidders should participate this tender through E-Tendering

System. Tender cost and EMD should be submitted only through online. For more details
Contact Ph.0487 2334144.

Principal
Dr. Satish K P

Approval Valid

Digitally Approved By
Dr. Satish K P
Date: 28.09.2023
Reason: Approved

The document is digitally approved. Hence signature is not needed.