



Government of West Bengal
Office of the Principal

Cooch Behar Government Engineering College

Village: Harinchawra, P.O.: Ghughumari, Dist.: Cooch Behar, West Bengal – 736170, India

Website: www.cgec.org.in

Phone Number: 03582 233 044

E-mail ID: principalofficecgec@gmail.com

Memo No.: 183/CGEC/2024

Date: 26/01/2024

NOTICE

Sealed quotations are invited from the reputed, eligible interested Companies/Suppliers/Service Provider Agencies for the phase – I purchase of “Equipment/ Equipment components/accessories and consumables” for the West Bengal State Council of Science & Technology (WBSCST), under Department of Science and Technology and Biotechnology (DSTBT), Government of West Bengal Sponsored Project [Sanction Order No.: 228 /STBT-1 20 I 4/23/2021 -WBSCST SEC-Dept. of STBT, dated 26.04.2022] entitled “Design and development of a prototype hybrid dryer for traditional drying applications”. The details of the invitations are available in the college notice boards.

(Dr. Prabal Deb)

Principal,

Cooch Behar Government Engineering College (CGEC),

Cooch Behar, West Bengal - 736170

Principal
Cooch Behar Govt. Engg. College
P.O. Ghughumari, Dist. Cooch Behar
Pin-736170, West Bengal (India)

Copy to:

1. College notice boards,
2. College Website
3. PI of the Project (Dr. Sushovan Chatterjee)
4. Guard File
5. Accounts office



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Notice for inviting quotation to purchase of "Equipment/ Equipment components/accessories and consumables" for the West Bengal State Council of Science & Technology (WBSCST), under Department of Science and Technology and Biotechnology (DSTBT), Government of West Bengal Sponsored Project [Sanction Order No.: 228 /STBT-I 20 I 4/23/2021 -WBSCST SEC-Dept. of STBT, dated 26.04.2022]

The college invites sealed quotations from reputed Companies/Suppliers/Service Provider Agencies for the purchase of "Equipment/ Equipment components/accessories and consumables" for the West Bengal State Council of Science & Technology (WBSCST), under Department of Science and Technology and Biotechnology (DSTBT), Government of West Bengal Sponsored Project [Sanction Order No.: 228 /STBT-I 20 I 4/23/2021 -WBSCST SEC-Dept. of STBT, dated 26.04.2022]. The interested Companies/Suppliers/Service Provider Agencies may submit their quotation/bid documents in prescribed format. Details of the specifications and estimated quantities of the items are as follows,

Sl. No.	Item	Item Specification	Quantity of requirements
1	Tie-Points Breadboard	RW-13, MB-102 Solderless Prototype PCB board	1 No.
2	Digital Hot Wire Anemometer for Air velocity measurement	Portable	1 No.
3	Digital temperature sensor	A single display, Temperature range: -50~ +70 Degree C, Temperature display resolution: 0.1, Temperature measurement accuracy: ± 1 Degree C	5 Nos.
4	Digital Humidity sensor	Indoor thermometer hygrometer with temperature and humidity monitor Reliability & Accuracy:- Fast response that measures every 10 seconds with sensitive vents to provide updated and accurate readings, wide measuring range that measures temperature from 14.0°F to 122.0°F (-10°C~50.0°C), temperature, accuracy range around $\pm 1.8^\circ\text{F}$ ($\pm 1.^\circ\text{C}$). Humidity sensor measures humidity from 10% to 99%, humidity, accuracy range around $\pm 2\%$	5 Nos.
5	L shaped MS Angle	L×W×T = 2700×30×5 (in mm) Material = Mild Steel	1 Nos.
6	Square Section MS Angle	L×W×T = 3000×35×3 (in mm) Material = Mild Steel	2 Nos.
7	Plywood	L×W×T = 900×900×15 (in mm) Material = Particle Board	1 No.
8	Pneumatic Cylinder	Bore = 50 mm Stroke = 300 mm	2 Nos.
9	Solenoid Valve	(1/4" 5/2 WAY (4V	2 Nos.

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		220-08))	
10	Electric Motor	220V Brushless motor	1 No.
11	Digital Thermometer Hygrometer Temperature Indoor Convenient Humidity and Temperature Sensor Instruments Cable	LCD display and Humidity display. Range of measurement of humidity from 10% to 99%. Humidity display resolution 1%. Accuracy of humidity measurement of $\pm 5\%$. The accuracy of temperature measurement is $\pm 1^\circ\text{C}$ (under normal temperature). Dual Functionality: Measures both temperature and humidity levels indoors. LCD Display: Clear and easy-to-read LCD screen for real-time readings. Mini Size: Compact and portable design, suitable for various indoor spaces. Convenient Design: User-friendly operation and display. Indoor Use: Designed for indoor applications, not suitable for outdoor use.	5 Nos.
12	Raspberry Pi 5, Model B, 8 GB RAM	Model: Raspberry Pi 5 Model 8GB 64-bit quad-core Arm Cortex-A76 processor RAM: LPDDR4X-4267 8GB SDRAM 800MHz VideoCore VII GPU PCIe 2.0 x1 interface for fast peripherals 5V/5A DC power (PD enabled) Real-Time Clock (RTC), powered by an external battery On-board power button	2 Nos.
13	Official Raspberry Pi 5 Active Cooler	Original Raspberry Pi Product. Temperature-Controlled Fan, Delivers up to 1.4CFM of Air Flow. Comes with Aluminium Heat Sink Compatible with the Official Raspberry Pi 5 Case.	4 Nos.
14	Official Raspberry Pi 5 RTC Battery	Panasonic ML-2020 Battery Comes with a connector for Pi 5 board Easy to install and Replace Double-sided adhesive pad to attach it to the inside of a case	8 Nos.
15	Official 27W USB-C PD Power Supply for Raspberry Pi 5- White	Input: 100-240VAC Output: 5A @ 5.1V, 3A @ 9V, 2.25A @ 12V, 1.8A @ 15V Connector: USB-C Cable: 1.2m, 18awg Color: White	4 Nos.
16	256 GB MicroSD Card	Up to 150MB/s transfer speed Class 10	4 Nos.
17	LoRa Wireless Module	USB to LoRa SX1262 Data Transfer Module and Antenna	8 Nos.
18	ESP32 Development Board	ESP32 Development Board	5 Nos.
19	Silicon Monocrystalline Solar Panels, 225 Watts, 12 V	Module Voltage: 12 V, Weight: 12.5 Kg Type of Product: PERC Solar Panel Dimension: 1595 x 705 x 35 mm Efficiency (%): 0.20399999999999999 Maximum Power Current: 10.72 A Maximum System Voltage: 1000 V	1Nos.

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		Voltage: 12 V Wattage: 225 W	
20	Solar Inverter	Inverter Capacity: 850 VA; Operating Voltage 90V - 290V Max supported panel power: 12V up to 850 Wp Charge Controller Rating - 50 Amp ISOT Technology: Maximizes solar energy in both backup and charging mode to reduce grid power usage Energy Saving: Saves 2.5 units of energy every day, so don't worry about high electricity bills 3 User Settable Saving Modes: Solar Mode, Solar+Grid Mode, and Grid+Solar Mode Intelligent Load Sharing: Optimizes the utilization of solar and battery energy, resulting in lower electricity bills Low Voltage Charging: It charges with voltages as low as 90V making it the most effective solution for remote areas Safety First: Over-temperature protection, short circuit protection, and overload protection High-Definition LCD Display: Keep track of backup time, charging time, ECO/UPS mode, faults, and percentage load running Warranty: Luminous nxg 1150 comes with 2 years of warranty from the date of purchase only on manufacturing defects Package Inclusion: 1-unit inverter, 1 unit warranty card	1 No.
21	Solar Charge Controller, 20A, 12/24V	Micro-controller based high-efficiency SMU; elegant and ergonomic design. Max. Solar open circuit Voltage (VOC) : 22V; Max. Solar Panel Capacity : 360Wp Systems Voltage (V) : 12V DC;	1 No.
22	DC 12V Light Control Switch Photoresistor Relay Module	Voltage: 12VDC Current: >100mA Load Capacity: 250V 10A ; Or 30V 10A DC Current Type: DC Contact Material: Metal Relay type: SRD-05VDC-SL-C Product dimensions(mm):50 x 30 x 17.09 Weight: 15g	10 Nos.
23	DC Wire	DC Wire, Connector: 1 MC4 Connectors for wire connection, Cable Length: 15 m, Wire Size: 6 sq. mm, length: 15mtr	1 No.
24	Official Raspberry Pi High Quality Camera- C/CS Mount	Sony IMX477R stacked, back-illuminated sensor. Resolution: 12.3 megapixels. Compatible with Raspberry Pi 1/2/3/4 boards Output: RAW12/10/8, COMP8 Back focus: Adjustable (12.5 mm–22.4 mm) Lens standards: C-mount, CS-mount (C-CS adapter included) IR cut filter: Integrated	4 Nos.
25	Official Raspberry Pi 6 mm Wide Angle Lens for Pi High Quality Camera	Wide Field of View suitable for CCTV applications Suitable for macro photography Thumbscrew Adjustment for easy fitting Front and back covers for protection	4 Nos.

Signature



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Note: Quantity may vary at the time of placing the order.

Qualification Conditions:

- (1) Bidder should be registered Firm/Company/Establishment,
- (2) Bidder shall provide all relevant records required, i.e. Income Tax Return Certificate/PAN, Commercial Tax Clearance/VAT/GST Certificate and other taxes (whichever applied).

Delivery Place/Works Site:

Bidder will supply and deliver the items at the above mentioned section of CGEC.

Bid Price:

- (1) The Bid Price shall be in INR (Rs) and including all taxes and other levies such as the transportation expenses; no extra price is payable by the college. Bidder must quote the item wise.
- (2) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment of any account.

Validity of Quotation:

Quotation shall remain valid for a period not less than 30 days after the deadline date specified for submission.

The following Documents must be submitted with the Quotation/Bid:

1. Copy of Establishment Registration Certificate/Valid Trade License in relevant field
2. Copy of PAN and copy of latest return
3. Copy of GST Certificate
4. Copy of PTAX enrolment certificate and copy of latest paid challan of PTAX
5. Detailed office address of the AGENCY WITH Telephone Number, Fax Number and Mobile Number and name of the contact person.

Evaluation of Quotation:

The purchaser will evaluate and compare quotations determined to be substantially responsive, i.e.

- (a) Those are properly signed,
- (b) Confirm to terms, conditions, specifications and qualifications conditions.

Award of Contract:

- The purchaser will award the contract to the bidder whose quotations has been determined to be substantially responsive, who has offered the lowest evaluated quoted price.
- The bid document also available from our college notice boards.

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- All bid documents must be submitted to the office of the Principal on or before 6th May 2024 at 4:00 PM in sealed envelope and clearly marked with Memo No. 183/CGEC/2024, Dated: 26/04/2024
- All sealed quotations received till then will be opened on the same day before the bidders or their representative who wish to be present in the office on 6th May 2024 at 4:30 pm.

CHECK LIST FOR BIDDERS/APPLICANTS

The bidder should ensure that all documents and papers submitted in this Bid are fully authenticated by the authorized signatory under his/her signature with office seal wherever applicable. The following documents should be submitted with Bid:

Sl No.	Documents to be Submitted	Documents Submitted (Y/N)
1	All pages of this bid document should be duly signed by the authorized signatory as a token of acceptance of all terms and conditions by the bidder. Any other document submitted by the bidder should also be signed by the authorized signatory.	
2	Self-attested copy of GST (GSTN)	
3	Self-attested copy of PAN/Number	
4	Self-attested copy of return for last month/quarter as the case may be submitted towards Central and State Sales Tax./VAT if applicable	
5	Bid Form	

Notwithstanding the above, the purchaser reserves the right to accept or reject any quotation and to cancel the bidding process and reject all quotations at any time prior to the award of the contract.

The bidder whose bid is accepted will be notified of the award of contract by the purchaser.

The terms of the accepted offer shall be incorporated in the supply order. The validity period may be extended by the purchaser by another 15 days in exceptional cases.

Other Terms and Conditions:

- The college reserves the right to postpone/cancel the bid, the bidder will have to abide with the decision.
- Payment shall be made after the supply and submission of bills which will be subject to satisfactory supply (certified by the committee constituted for the purchase). Personnel in Charge will certify the quality and quantity of the items supplied/work done as per the specifications and recommend accordingly the extent payment.
- No preference will be given to any bidder or class of bidders, either for the price or for other terms and conditions.
- Quotation may be submitted on the printed letter head of the bidder in the prescribed format attached at the end of this notice.
- Successful bidder will have to enter into an agreement with the Campus for timely execution of the purchase order.
- No payment will be made for any damage of the goods supplied.
- Total responsibility of the Goods, Materials in the site will be with the party only, College is not responsible for any way of damages, pilferage or loss of Goods, Materials, etc.

We look forward to receiving your quotations and thank you for your interest in this project.


(Dr. Pradyot Deb)

Principal,

Cooch Behar Government Engineering College (CGEC),

Cooch Behar, West Bengal – 736170

Principal

Cooch Behar Govt. Engg. College
P.O. Ghughumari, Dist. Cooch Behar
Pin-736170, West Bengal (India)





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FORMAT OF BID

Supplier Memo No.:

Dated.:

Name of the Company/Supplier/Service Provider Agency.:

Quotation for phase - I purchase of Items for Project, Sanction Order No.: 228 /STBT-I 20 I 4/23/2021 -WBSCST
SEC-Dept. of STBT, dated 26.04.2022

Memo No.:

Date:

Sl. No.	Item Name	Item Specification/ Features with Brand	Quantity	Unit Price	Offered Price Without GST (INR)	SGST (INR)	CGST (INR)	Offered Price with GST (INR)

Total

(Total amount in rupees only)

1. We agree to supply the above mentioned items/works in accordance with technical specifications for the total contract price of Rs. _____/- (In words Rupees _____) including taxes, transportation, etc., within eight weeks of issue of supply order.
2. We also confirm that the normal commercial warrantee/guarantee shall apply to the applied items.
3. We also agree and abide with the terms and conditions stipulated in the bid document.

(Signature of Bidder with Seal)

Name:

Designation:

Address:

Contact No.:

Date: