

# TENDER

# 2020-21

[Tender document related to the Purchase of 'Permanent Equipment' for the DSTBT, Govt. of WB Sponsored Research Project (Sanction Order No.: 1690(Sanc.)/ST/P/S&T/6G-5/2019, Date: 06.02.2020) ]

[Bidders should note the terms and conditions first]

**APPROVED BY**  
**RESEARCH AND DEVELOPMENT CELL, CGEC**



**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](http://www.cgec.org.in) Phone Number: [03582 233 044](tel:03582233044) E-mail ID: [principalofficecgec@gmail.com](mailto:principalofficecgec@gmail.com)

**Notice Inviting Tender (NIT)**

**Tender Reference No.: CGEC/NIT-01(o)/2020-21**

**Date: 02.11.2020**

Tender is hereby invited by the Principal, Cooch Behar Government Engineering College, Vill. - Harinchawra, P.O.- Ghughumari, District - Cooch Behar, PIN- 736170, West Bengal for the purchase of “**Permanent Equipment**” for the Department of Science & Technology and Biotechnology (DSTBT), Government of West Bengal Sponsored Research Project [Sanction Order No.: 1690(Sanc.)/ST/P/S&T/6G-5/2019, Date: 06.02.2020] entitled “Design and Implementation of Real-Time Object Detection Based System for Eliminating Injury and Death of Elephants due to Forest Railway Track Accidents”, through offline tendering from the eligible and interested authorized Companies/Suppliers/Service Provider Agencies in the respective fields.

**1. Pre-Qualification (PQR) for Participation:**

- (a) GST Registration, VAT Return, Trade Licence, IT, ST, Clearance Certificates as applicable, or suitable certificate bearing exemption to any or all of above from competent authority.
- (b) Credential Certificate of satisfactory completion of such type of work.

**2. Earnest Money/Bid Security Deposit**

Earnest Money amounting Rs. 10,000/- is to be deposited by Draft in favour of Cooch Behar Government Engineering College payable at Cooch Behar. In case of failure to poor service or any damage of infrastructure, the Earnest Money Deposit (EMD) of the successful Bidder will be forfeited. The earnest money shall be forfeited in the event of withdrawal of the tender within the original validity period, once submitted or the successful bidder fails to execute necessary agreement within the period specified or for submitting false, incorrect, misleading information in the bid, mistakes, miscalculations. Exemption from depositing Earnest Money in terms of existing Government Order may be considered if requested in writing supported with necessary documents in original. Earnest Money Deposit will be released on request by the unsuccessful tenderer, after finalization of the tender and in case of successful tenderer; it will be converted towards part deposit the

*Aritra Acharyya*

(Dr. Aritra Acharyya)

Coordinator of Research and Development Cell,  
PI of the Project, Assistant Professor (WBGS),  
Department of ECE, Cooch Behar Government Engineering  
College (CGEC), Cooch Behar, West Bengal - 736170

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Dept. of Electronics & Comm. Engg.  
Cooch Behar Govt. Engg. College, W.B.



Principal  
Cooch Behar Govt. Engg. College, W.B.

*(Signature)*

(Dr. Prabal Deb)

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Security Deposit. No interest on EMD is admissible.

CGEC reserves the right of forfeiture of 'EMD' in case the Bidder after opening of Bid, withdraws, amends, impairs, derogates or revokes his Tender within the validity period or extension thereof or if successful Bidder fail to execute the contract provision within the contract period as mentioned in the service order.

### 3. Submission of Tenders

General process of submission

- 3.1. Tenders are to be submitted by hand or post to the **Principal Office, CGEC** with all necessary documents (Self attested).
- 3.2. Bidders must submit the Tenders in two envelopes, i.e. "**Technical**" and "**Finance**". Bidders must collect tender specific documents (NIT, BOQ etc.) from the Principal Office, CGEC or download from <http://cgec.org.in>, prepare the required documents and submit self-attested documents in two sealed envelopes one **Technical** (See section 4 for details) and another **Financial** (See section 5 for details).
- 3.3. Bidders need to fill up the rates of items in the BOQ, for the supply, in the designated cell of the BOQ sheet and submit the same in the "**Finance**" envelope.

### 4. Technical Proposal (To be submitted in the "Technical" envelope)

The following documents in standard formats should be submitted in the **Technical** envelope:

#### (a) Statutory Documents:

- (i) Notice Inviting Tender (NIT) – The NIT as published is to be downloaded, then self-attested.
- (ii) All Addenda/Corrigenda, if published.

**Note-1:** Bidders are to keep track of all the Addendum/Corrigendum issued with a particular NIT in college notice board or college website. Tenders submitted without the Addendum /Corrigendum may be rejected.

**Note-2:** Tenders will be summarily rejected if any of the above items in the statutory cover is missing.

#### (b) Non-Statutory Documents:

Following documents are to be uploaded along with the Technical Bid

- (i) Professional Tax(PT) Clearance Certificates and IT PAN valid up to the date of opening of the tenders. Application for such clearance addressed to the competent authority may also be considered. IT, Service Tax, or suitable certificate bearing exemption to any or all of above from competent authority.
- (ii) The bidder must have valid Sales Tax/VAT, clearance certificates. Or Suitable certificate bearing exemption to any or all of above from competent authority.
- (iii) Trade License for Proprietorship Firms.
- (iv) GST Registration and return certificates.

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- (v) Earnest Money amounting Rs. 10,000/- is to be deposited via Draft in favour of Cooch Behar Government Engineering College payable at Cooch Behar.

## 5. Financial Proposal (To be submitted in the “Finance” envelope)

The financial proposal should contain the following document in one envelope.

- (i) **Bill of Quantities (BOQ):** The bidder is to quote the rate in the space/cell marked for quoted rate in the BOQ (*can be either downloaded from <http://cgec.org.in> or collected from the Principal office, CGEC*).

**Note:** Copies of the all above documents (both Technical and Financial) are to be duly signed by the bidder)

## 6. Conditional and Incomplete Tender

- (i) Conditional and incomplete tenders are liable to summary rejection
- (ii) Bidder must quote for **ALL items** mentioned in BOQ. The BOQ sheet with all cells filled-up must be submitted in the **Financial envelope**. Non-submission of this sheet in the Financial envelope and partial quoting will lead to rejection of the bid.

## 7. General Terms & Conditions

- (i) All Tenderers are to note that tenders containing any deviation from the terms and conditions, specifications and other requirement are liable to be rejected. The tenderer who do not meet the appropriate standard of capability and financial resources, may not be considered. The inviting authority reserves all rights to reject any or all the tenders without assigning any reason and split up the supply if necessary and to accept the tender in whole or part. Invitation of the tender shall under no circumstances create any right, legal or otherwise in favor of the tenderer in case the tender is closed or withdrawn or cancelled before issuance of purchase order nor shall the inviting authority be liable to explain the reason of such closure, withdrawal or cancellation of the tender.
- (ii) All the tenders should be accompanied by current
- (a) Valid PAN number (mandatory),
  - (b) Sales tax clearance certificate of state and/ or central as applicable (If any bidder does not fall within the ambit of VAT/Sales tax, that shall be indicated separately with supporting documents from the competent authority) (mandatory),
  - (c) Professional tax clearance certificate (mandatory),
  - (d) Trade license (mandatory),
  - (e) GST registration number (mandatory),
  - (f) Income Tax Clearance certificate (mandatory),

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- (g) PF, ESI Registration and any past document of payment of PF and ESI (mandatory if applicable),
- (h) Past experience for undertaking similar type of work in Educational Institutions of repute (desirable).

### 8. Opening and Evaluation of Tender

- (i) Technical proposals will be opened by the competent authority at the office of the Principal, CGEC on **26/11/2020 at 12.00 p.m.**
- (ii) Interested bidders may remain present if they so desire.
- (iii) Technical envelope (Statutory Documents) would be opened first and if found in order, envelope for Non-statutory Documents will be opened. If there is any deficiency in the Statutory Documents, the tender will summarily be rejected.

### 9. Uploading of Summary List of Technically Qualified Bidders

- (i) Financial proposals of the Bidders declared Technically eligible by the Tender Evaluation authority will be opened at the office of the Principal, CGEC on 26/11/2020 after the technical evaluation.
- (ii) After evaluation of Financial Proposal, by Tender Evaluation authority, the final summary result, name of bidder and the rates quoted by them will be notified in college notice board and uploaded in college website.
- (iii) The Tender Accepting Authority may ask any of the Bidders to submit analysis to justify the rate quoted by that tenderer.
- (iv) The “Cooch Behar Government Engineering College” does not bind itself to accept the highest tender value and reserves the right to accept or reject any or all tenders without assigning any reason whatsoever or to split the whole work entrusting the same to more than one contractor.

### 10. Bid Validity

The Bid shall remain **valid up to 31.03.2021.**

### 12. Acceptance of Tender

Bidders must quote for item wise rate for all items as mentioned in BOQ sheet. Bids with lowest valid rate should normally be accepted. However, the Tender Accepting Authority does not bind himself to do so and reserves the right to reject any or all the tenders, for valid reasons and also reserves the right to split the order, alter the quantity of any or all Bidders without assigning any reason whatsoever.

### 13. Return of Earnest Money Deposit of first tender

The Earnest Money of the entire unsuccessful Bidder will be returned, after placement of L.O.A on the successful bidders. For return of the Earnest Money

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Deposit, the Bidder will have to apply for the same to the “Cooch Behar Government Engineering College” giving the reference to NIT No., date of tender, amount and mode of Earnest Money deposited – all in a complete form. However, the EMD of the successful bidder will be returned, after execution of the service order.

#### 14. Price

- The bidder should quote rate after going through all the relevant documents for this tender
- The bidder should quote rate at individual item wise rate for all items as given in the BOQ.
- Escalation of prices/rates whatsoever, during the entire period of the validity of the bid (including extended period, if any) over and above the quoted price shall not be allowed.
- Any other item, not covered will be guided by practice and principle as followed by, Govt. of West Bengal.

#### Important Dates

|  |                                    |
|--|------------------------------------|
| <b>Tender Publishing Date</b>          | <b>02-11-2020</b>                  |
| <b>Bid Submission End Date</b>         | <b>25-11-2020 up to 16.00 Hrs.</b> |
| <b>Bid Opening and Evaluation Date</b> | <b>26-11-2020 at 12.00 Hrs</b>     |

| <b>Requirement for the purchase of “Permanent Equipment” for the Department of Science &amp; Technology and Biotechnology (DSTBT), Government of West Bengal Sponsored Research Project [Sanction Order No.: 1690(Sanc.)/ST/P/S&amp;T/6G-5/2019, Date: 06.02.2020]</b> |                            |  |                    |   |
|--|----------------------------|--|--------------------|---|
| <b>Department : Central Administration</b>   |                            |  |                    |   |
| <b>PURCHASE REQUIREMENT:</b>   |                            |  |                    |   |
| <b>Sl. No.</b>   | <b>Name of Item</b>        | <b>Specification</b>   | <b>No of Items</b> | <b>Eligibility to enter in the tender process</b> |
| 1  | Smart Vision Sensor Camera | Image sensor: Aptina MT9M114, 1296×976 Resolution, Processor: NXP LPC4330, 204 MHz, dual core, Lens field-of-view: 60 degrees horizontal, 40 degrees vertical, Power consumption: 140 mA typical, Power input: USB | 8                  | Reputed Vendor with relevant experience.          |

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|---|---|---|---|--|
|   |   | input (5V) or unregulated input (6V to 10V), RAM: 264 KB, Flash: 2 MB   |   |  |
| 2 | Pan and Tilt Mechanism for Smart Vision Camera            | Pan-Tilt angle: 135 <sup>0</sup> , Must be compatible with the Item No. 1   | 8 | Reputed Vendor with relevant experience. |
| 3 | Raspberry Pi 3 – Model B, 4 GB RAM                        | RAM: 1GB, Processor: Broadcom BCM2387 chipset 1.2GHz Quad-Core ARM Cortex-A53 (64Bit), 802.11 b/g/n Wireless LAN and Bluetooth 4.1 (Bluetooth Classic and LE), Storage : SD/MMC/SDIO, Power: 5V / 700mA~3A via micro USB  | 8 | Reputed Vendor with relevant experience. |
| 4 | Raspberry Pi EU Plug USB Power Supply Adapter Charger     | AC Input: 100-240V, 50 Hz , DC Output: 5V, 3A, 15W  | 8 | Reputed Vendor with relevant experience. |
| 5 | 5.8 G, 48 Channel Wireless Audio/Video Transmitter        | Transmitter 600mW/48CH >5km(open area), Frequency control: built-in frequency and phase lock loop, Transmitter module connector: Female RP-SMA, Antenna connector: Male RP-SMA, Supply Voltage: 7-24 V, Current: 220 mA, 48 CH is compatible with all FPV 5.8g receivers. | 8 | Reputed Vendor with relevant experience. |
| 6 | 5.8G, 40 Channel diversity FPV receiver                   | Auto Search Signal, Auto seamless switching signal between 2 receivers, Suitable for High-Speed Racing Quad, Suitable for HD Aerial Photography, Suggest using a clover antenna and a panel connector for long and short distance, OLED Display                           | 2 | Reputed Vendor with relevant experience. |
| 7 | Bluetooth Compatible GSM/GPRS/GPS Module With GPS Antenna | 22 tracking/66 acquisition channel, GPS L1 C/A code, Precision: Tracking: -165dBm, Cold start: -148dBm, Supports Quad-band, 850/900/1800/1900MHz, Accuracy: ~2.5m. 7. GPRS multi-slot class 12/10   | 2 | Reputed Vendor with relevant experience. |

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