

E-PROCUREMENT TENDER NOTICE

GAYA COLLEGE OF ENGINEERING, GAYA

Sri Krishna Nagar, Via - Buniydganj, Khizarsarai, Gaya, - 823003

(An Institution under Department of Science & Technology, Govt. of Bihar, Patna)



PURCHASE OF GOODS ITEMS

Tender Notice No.: GCE/TEQIP-III/242/2018-19 Dated:27/08/2018

KIND ATTENTION FOR TAKING ASSISTANCE, IF ANY.

website:www.gcegaya.ac.in
email-id: anilkuar1@gmail.com
Help No.: (+91) 9472308431

GAYA COLLEGE OF ENGINEERING

Sri Krishna Nagar, Via - Buniydganj, Khizarsarai, Gaya, (BIHAR)- 823003

(An Institution under Department of Science & Technology, Govt. of Bihar, Patna)

NOTICE INVITING TENDER

Tender Notice No.: GCE/TEQIP-III/242/2018-19

Dated:27/08/2018

Setting Up of Hydrology Lab

Gaya College of Engineering invites sealed tender offers under financial bid in prescribed documents from reputed and experienced Firm / Agency for setting up of hydrology lab as per the specifications given in Annexure1 and as per terms & conditions attached.

Interested Agency having registrations are requested to send their offer in hard copy under **technical and financial bid systems through courier or speed post only.**

The complete Tender document is available on Portal site (www.gcegaya.ac.in) against

Tender Notice No.: GCE/TEQIP-III/242/2018-19

Dated:27/08/2018

Last date of bids submission is 13/09/2018 at 16:00 Hrs.


27/8/18
Principal

Gaya College of Engineering, Gaya

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Tender Notice No.: GCE/TEQIP-III/242/2018-19 Dated:27/08/2018

SCHEDULE

| | |
|----------------------------------|---|
| Organization | Gaya College of Engineering |
| Tender Type | Open/ Single |
| Type/Form of Contract | Procurement |
| Product Category | Purchase of Goods |
| Is Multi Currency Allowed | No |
| Date of Issue/Publishing | 27/08/2018 |
| Document Download Start Date | 27/08/2018 |
| Document Download End Date | 13/08/2018 |
| Date and Time of Opening of Bids | 14/08/2018 at 11:00 AM |
| Tender Fee | NIL |
| Bid Validity days | 15 Days (From date of opening of tender) |
| Address for Communication | Principal, GCE Gaya, TEQIP III, Sri Krishna Nagar, Via - Buniydganj, Khizarsarai, Gaya, Bihar- 823003 |
| Contact No. | (+91) 9472308431 |
| E-mail Address | anilkuar1@gmail.com |

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(An Institution under Department of Science & Technology, Govt. of Bihar, Patna)

Tender Notice No: GCE/TEQIP-III/242/2018-19 Dated:27/08/2018

NOTICE INVITING TENDER

Tender Notice No: GCE/TEQIP-III/242/2018-19

Dated:27/08/2018

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

| Sr. No | Brief Description | Quantity | Delivery Period(In days) | Place of Delivery | Installation Requirement (if any) |
|--------|---|----------|--------------------------|-----------------------------|-----------------------------------|
| 1 | Anemometer and wind vane | 1 | 30 | GAYA COLLEGE OF ENGINEERING | YES |
| 2 | Automated weather station with logger | 1 | 30 | GAYA COLLEGE OF ENGINEERING | YES |
| 3 | Current Meter (Propeller Type) | 1 | 30 | GAYA COLLEGE OF ENGINEERING | YES |
| 4 | Current Meter (Cup type) | 1 | 30 | GAYA COLLEGE OF ENGINEERING | YES |
| 5 | Current Meter (Pigmy Type) | 1 | 30 | GAYA COLLEGE OF ENGINEERING | YES |
| 6 | Double Ring Infiltrometer | 3 | 30 | GAYA COLLEGE OF ENGINEERING | YES |
| 7 | Evaporation pan | 1 | 30 | GAYA COLLEGE OF ENGINEERING | YES |
| 8 | Lysimeter with logger | 1 | 30 | GAYA COLLEGE OF ENGINEERING | YES |
| 9 | Mini disk infiltrometer | 2 | 30 | GAYA COLLEGE OF ENGINEERING | YES |
| 10 | Portable suspended sediment analyser | 1 | 30 | GAYA COLLEGE OF ENGINEERING | YES |
| 11 | Rain Gauge (Non Recording) | 1 | 30 | GAYA COLLEGE OF ENGINEERING | YES |
| 12 | Rain Gauge (recording) with data logger | 3 | 30 | GAYA COLLEGE OF ENGINEERING | YES |
| 13 | Water level sensor with logger | 3 | 30 | GAYA COLLEGE OF ENGINEERING | YES |
| 14 | Soil moisture sensor with logger | 2 | 30 | GAYA COLLEGE OF ENGINEERING | YES |
| 15 | Stevenson screen | 1 | 30 | GAYA COLLEGE OF ENGINEERING | YES |
| 16 | Thermo Hygrograph | 1 | 30 | GAYA COLLEGE OF ENGINEERING | YES |
| 17 | Thermometer | 1 | 30 | GAYA COLLEGE OF ENGINEERING | YES |

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme[TEQIP]-Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. Quotation,

3.1 The contract shall be for the full quantity as described above.

3.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.

3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.

3.4 Applicable taxes shall be quoted separately for all items.

3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

3.6 The Prices should be quoted in Indian Rupees only.

4. Each bidder shall submit only one quotation.

5. Quotation shall remain valid for a period not less than **15** days after the last date of quotation submission.

6. Evaluation of Quotations,

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

6.1 are properly signed ; and

6.2 confirm to the terms and conditions, and specifications.

7. The Quotations would be evaluated for all items together.

8. Award of contract:

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

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

8.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

9. Payment shall be made in Indian Rupees as follows:


Delivery and Installation - 90% of total cost

Satisfactory Acceptance - 10% of total cost

10. All supplied items are under warranty of 36 months from the date of successful acceptance of items.
11. You are requested to provide your offer latest by 16:00 hours on 13-Sep-2018 .
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) Yes
14. Testing/Installation Clause (if any) Yes
15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
16. Sealed quotation to be submitted/ delivered at the address mentioned below,
TEQIP – III Cell,
Gaya College of Engineering, Gaya
At - Sri Krishna Nagar, Via – Bunidyaganj,
P.S – Khizarsai, Gaya(Bihar) – 823003
17. We look forward to receiving your quotation and thank you for your interest in this project.

Following documents (attested copy) are required along with financial quotation

1. Company registration certificate
2. Authorization Certificate
3. Annual turn over
4. Tax paid in last three year
5. GST No. and PAN Number


(Dr. Anil Kumar)
Principal
Gaya College of Engineering,

Annexure I

| Sr. No | Item Name | Specifications |
|--------|---|--|
| 1 | Anemometer and wind vane | Anemometer: Threshold 0.15m/s; starting speed: 0.2m/s; Max wind speed: 75m/s Wind vane: Speed: >75ms; 360 degree angle, accuracy: +- 2 degree Should supply with minimum 2m stand |
| 2 | Automated weather statopn with logger | Annexure : A |
| 3 | Current Meter (Propeller Type) | Acoustic, anti-corrosive and light weight. Range: ± 5 m/s Accuracy(of measured value ± 0.5 m/s) : 1% |
| 4 | Current Meter (Cup type) | Acoustic, anti-corrosive and light weight. Range: ± 5 m/s Accuracy(of measured value ± 0.5 m/s) : 1%; |
| 5 | Current Meter (Pigmy Type) | Acoustic, anti-corrosive and light weight. Range: ± 5 m/s Accuracy(of measured value ± 0.5 m/s) : 1% |
| 6 | Double Ring Infiltrometer | Diameter of inner ring 30 cm; Volume of inner ring 3000 ml, Diameter of outer ring 60 cm, Volume of outer ring 10000 ml Height of cylindrical buckets 50 cm Material of cylindrical buckets High-quality stainless steel |
| 7 | Evaporation pan | • Material: Stainless Steel • Construction: Welded • Size: 255 mm x 1207 mm diameter • bird guard is required Should be painted white in colour |
| 8 | Lysimeter with logger | Soil water moisture with range 0-saturation and accuracy $\pm 3\%$ Vol Soil water potential with range 0-1500kPa and accuracy ± 10 Kpa Soil temperature with range -40 to 60 degree and accuracy ± 0.2 degree |
| 9 | Mini disk infiltrometer | Tension measure between - 0.5 to 6cm; disk of 0.3cm thick and has diameter of 4.5cm, suction range 0.5 to 7cm; preferably decagon |
| 10 | Portable suspended sediment analyser | Model Sensor shall consist of the monitor, sensor, battery charger, and computer download kit. Unit shall be zero calibrated at the factory. Continuously display suspended solids in mg/l, time, and date. Provide an extended temperature, UV treated LCD digital display |
| 11 | Rain Gauge (Non Recording) | Tipping bucket Total measuring capacity of 20 inches; requires funnel and measuring cylinder other than instruments |
| 12 | Rain Gauge (recording) with data logger | 8"diameter collector, data logger must have min resolution of 0.2mm, USB supported and battery operated; preferably rain wise company |
| 13 | Water level sensor with logger | Resolution: Approximately 0.8mm. Environmental Protection: Designed to meet IP68. Memory Capacity: 32,000 readings. Dimensions: Logger Diameter: 39mm. Length = 160mm. Sensor Element: Choice of 0.5m, 1.0m, 1.5m, 2.0m, 3.0m or 5.0m. Preferable Odyssey Capacitance Water Level Logger |
| 14 | Soil moisture sensor with logger | Operation range: -40°C to 85°C Sensor accuracy: $\pm 1^\circ\text{C}$ typical, $-2/+4^\circ\text{C}$ max Sensor quantization level (resolution): 10-bit, about 0.25°C Logging and notification Minimum data resolution Require 6 sensor and 2 logger (Two separate unit |
| 15 | Stevenson screen | As per IS:5948:1970 and are suitable for housing |

| | | |
|----|-------------------|---|
| | | thermograph, hydrograph, dry and wet bulb Should be painted white in colour |
| 16 | Thermo Hygrograph | <ul style="list-style-type: none"> Rotating over period of 24hr, • Measuring Temperature range: -20 to 50 °C • Minimum graduation: 1 °C • Humidity range: 0-100% rh • Minimum graduation: 1% rh Supply minimum 100 graph |
| 17 | Thermometer | Temp measuring range -20 to 70 degree, shows min and maximum both; have facility to hang |

Annexure: A

Detailed Specification of AWS

| | Parameter Measured | Specification |
|---|--|---|
| 1 | Wind Speed (Anemometer at 2m and 10m) | <ul style="list-style-type: none"> Measuring range 0.0 to 85m/s Starting Threshold 0.01m/s Resolution 0.01 m/s Accuracy ± 0.3 m/s (with 0.4 to 60m/s) Operating Temp -10 to +60°C Relative Humidity 5 - 100% |
| 2 | Wind Direction (Wind Vane) | <ul style="list-style-type: none"> Measuring range 0 to 360 Deg. Starting threshold 1.0 m/s Operating temperature -10 to +60°C Resolution 1° Accuracy ± 2 Deg |
| 3 | Air Temperature | <ul style="list-style-type: none"> Measurement range -20 to +60 °C Resolution 0.1 °C Accuracy ± 0.1 °C |
| 4 | Relative Humidity | <ul style="list-style-type: none"> Range 0 - 100% Accuracy ± 1%, RH from 3 to 95% Excellent linearity and sensitivity with fast response and long-term stability. Operating Temp range -10 to +60°C |
| 5 | Solar Radiation | <ul style="list-style-type: none"> Spectral range (50% points) 310 to 2800 nm Sensitivity 5 to 20 $\mu V W/m^2$ Response Time 5 Sec Maximum irradiance 4000 W/m^2 Non-Linearity (0 to 1000 W/m^2) ± 0.2% Non-Stability (change/year) ± 0.5% Temperature dependency of sensitivity (-10°C to 40°C) 1% Operating temperature -40°C to +80°C Expected daily accuracy ± 2% |
| 6 | Rain, Precipitation | <ul style="list-style-type: none"> Diameter of aperture 225mm Orifice 400cm² Resolution Sensitivity 0.2mm Rainfall capacity Unlimited Capacity per Minute Max 30 tips (3 resp 6mm) Accuracy ± 1% (at 25 mm/hr) Signal output Pulse signal Measuring Principle Tipping bucket - double spoon Switch closer time - 10 millisecond |
| 7 | Pressure | <ul style="list-style-type: none"> Range 500-1100hPa Operating temperature range -40. +60°C Resolution 0.10hPa |

FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

To: _____

Date: _____

| Sl. No. | Description of goods (with full Specifications) | Qty | Unit | Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments) | Total Price (A) | Sales tax and other taxes payable | |
|-------------------|---|-----|------|--|-----------------|-----------------------------------|----------------|
| | | | | | | In % | In figures (B) |
| | | | | | | | |
| Total Cost | | | | | | | |

Gross Total Cost (A+B): Rs. _____

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. _____ (Amount in figures) (Rupees _____ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of _____ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No: _____