



Rajkiya Engineering College Banda, Atarra, Banda (U.P.) 210201

INVITATION LETTER

Package Code: TEQIP-III/2019/UP/recb/138

Current Date: 13-Sep-2019

Package Name: REC120

Method: Shopping Goods

To,

Sub: INVITATION LETTER FOR REC120

Dear Sir,

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 | Item Name | Quantity | Place of Delivery | Installation Requirement (if any) |
|--------|---|----------|-----------------------------------|-----------------------------------|
| 1 | Bernoulli's Theorem Apparatus | 1 | Rajkiya Engineering College Banda | Yes |
| 2 | Impact of Jet on vanes Apparatus | 1 | Rajkiya Engineering College Banda | Yes |
| 3 | Losses due to friction in pipe lines Apparatus | 1 | Rajkiya Engineering College Banda | Yes |
| 4 | Metacentric Height apparatus | 1 | Rajkiya Engineering College Banda | Yes |
| 5 | Reynold apparatus | 1 | Rajkiya Engineering College Banda | Yes |
| 6 | Discharge over Notches apparatus | 1 | Rajkiya Engineering College Banda | Yes |
| 7 | Forced vortex apparatus | 1 | Rajkiya Engineering College Banda | Yes |
| 8 | Losses due to pipe fittings, sudden enlargement & contraction | 1 | Rajkiya Engineering College Banda | Yes |

| | | | | |
|--|-----------|--|--|--|
| | Apparatus | | | |
|--|-----------|--|--|--|

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, initialling, 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 **65** 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. Special Terms & Conditions

- 9.1 Bidder and also OEM(in case authorized dealer is participated) must have crossed a turnover of at least Rs. Three Crore in last three financial years i.e. 2016-17, 2017-18 & 2018-19 in supplying machine & equipment. CA certified Balance Sheet Financial Years i.e. 2016-17, 2017-18 & 2018-19 must be attached. In case, authorized dealer is participated, balance sheet of OEM must be attached).
- 9.2 Income Tax return for the last three Years i.e. 2016-17, 2017-18 & 2018-19.
- 9.3 Photo copy of PAN Card and GSTIN certificate must be attached.
- 9.4 Bidder must have ISO 9001:2015, 14001:2015 & 45001:2018 certification. Copies of same must be attached. ISO certificates must be issued before at least three months from tender date otherwise offer will be rejected.
- 9.5 The manufacturer should have a minimum of 5 (five) years of experience in supplying their own equipments to government institutes of India. Copies of purchase orders of similar equipment for last five financial years of IIT/NIT/Govt/reputed institutes must be attached.
- 9.6 The items manufactured by CE certified manufacturer. Copy of CE certificate must be attached. CE certificate must be issued before at least three months from tender date otherwise offer will be rejected.
- 9.7 Technical specification sheet with make, model, brand of quoted equipment and complete details with make/model of their spare parts like sensor, software, meter etc should be clearly specified otherwise offer will be rejected.
- 9.8 The Bidder will have to give an undertaking that they are not blacklisted in last five years from any State/Central Government Department /Government institute/organization of India

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

| Payment Description | Expected Delivery Period (in Days) | Payment Percentage |
|--------------------------------------|------------------------------------|--------------------|
| Satisfactory Delivery & Installation | 30 | 90 |
| Satisfactory Acceptance | 30 | 10 |

11. Liquidated Damages will be applied as per the below:
Liquidated Damages Per Day Min %:N/A
Liquidated Damages Max %:N/A
12. All supplied items are under warranty of **12** months from the date of successful acceptance of items and AMC/Others is .
13. You are requested to provide your offer latest by **15:30** hours on **26-Sep-2019**.
14. Detailed specifications of the items are at Annexure I.

15. Training Clause (if any) **Yes**
16. Testing/Installation Clause (if any) **Yes**
17. Performance Security shall be applicable: **0%**
18. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
19. Sealed quotation to be submitted/ delivered at the address mentioned below,
Director, Rajkiya Engineering College Banda, Atarra, Banda (U.P.) 210201
20. We look forward to receiving your quotation and thank you for your interest in this project.


Nodal Officer (Procurement)
TEQIP-III


समन्वयक
TEQIP-III

(Authorized Signatory)
Name & Designation

Annexure I

| Sr. No | Item Name | Specifications |
|---------------|--|--|
| 1 | Bernoulli's Theorem Apparatus | Piezometer Tubes: Material P.U. Tubes (7 Nos.) Water Circulation:FHP Pump, Crompton/kirloskar makes. Operated By Software Flow Measurement: Using Measuring Tank with Flow Measured By Pressure Sensor Capacity 25 Ltrs. Sump Tank: Capacity 60 Ltrs. Inlet Tank: Capacity 25 Ltrs. Stop Watch: Electronic. Control Panel Comprises of: Standard makes On/Off Switch, Mains Indicator, etc. Tanks will be made of Stainless Steel. Set up should be in quality painted structure |
| 2 | Impact of Jet on vanes Apparatus | Target 2 Nos Flat Plate and Hemispherical Cup Nozzle Material Brass Jet Enclosure Made of Acrylic Water Circulation 0.5 HP Pump, Crompton /kirloskar makes. Operated By Software Flow Measurement Using Measuring Tank with Flow Measured By Pressure Sensor Piezometer Capacity 25 Ltrs. Sump Tank Capacity 50 Ltrs. Stops watch Electronic. Control Panel Comprises of Standard makes On/Off Switch, Mains Indicator, etc. Tanks will be made of Stainless Steel. The whole set-up is well designed and arranged in a good quality painted structure. |
| 3 | Losses due to friction in pipe lines Apparatus | <ul style="list-style-type: none">• Pipe Test Section:(i) Dia $\frac{1}{2}$", Length: 1m, Material G.I.(ii) Dia $\frac{3}{4}$", Length: 1.25m, Material G.I.• Water Circulation : 0.5 HP Pump, Crompton/Kirloskar/G.E makes.Operated by software.• Flow Measurement : Using Measuring Tank with Flow Measured By Pressure Sensor Piezometer, Capacity 25 Ltrs.• Sump Tank : Capacity 50 Ltrs.• Stop Watch : Electronic.• Control Panel Comprises of : Standard makes On/Off Switch, Mains Indicator, etc.• Tanks will be made of Stainless Steel.• The whole set-up is well designed and arranged in a good quality painted structure |
| 4 | Metacentric Height apparatus | <ul style="list-style-type: none">• Pontoon: Size 300 x 300 mm (approx.) with a Horizontal Guide Bar for aliding weight and Removable Strips, Graduated Arc with Pointer with moveable hanger and set of weights.• Water Tank : Size 550 x 500x 400 mm (approx.)Front Window of Tank : Made of Glass/Perspex.A set of weights is supplied with the apparatus.• Tanks will be made of Stainless Steel.• Pendulum and graduated are for accurate measurement of Tilt angle. |
| 5 | Reynold apparatus | <ul style="list-style-type: none">• Tube: Material Borosilicate Glass ID 14 mm approx., Length: 600 mm• Dye vessel : Material Stainless Steel, • Capacity 1 Ltrs. (approx.)• Capillary Tube: Material Stainless Steel.• Constant Head Water Tank: Capacity 40 Ltrs.• Water Circulation: FHP Pump. Operated By Software• Measuring Cylinder: Capacity 1000 ml. Measured By Pressure Sensor• Stop Watch : Electronic• Sump Tank: Capacity 60 Ltrs.• Control Panel Comprises of : • Standard make On/Off Switch, Mains Indicator, etc.• Tanks will be made of Stainless Steel. |
| 6 | Discharge over Notches apparatus | <ul style="list-style-type: none">• Channel Test Section: Size 400 x 300 x 300 mm.• Notches : Material Brass Rectangular Notch 45° V Notch 60° V Notch• Pointer Gauge: With Vernier scale.• Water Circulation: FHP Pump Crompton |

Kirloskar makes. Operated By Software • Flow Measurement: Using Measuring Tank, Flow Measured By Pressure Sensor Capacity 25 Ltrs. • Sump Tank: Capacity 50 Ltrs. • Stop Watch: Electronic. • Control Panel Comprises of Standard make On/Off Switch Mains Indicator, etc. • Tanks and Channel will be made of Stainless Steel. • The whole set-up is well designed and arranged in a good quality painted structure.

- 7 Forced vortex apparatus
- Cylinder: Material Acrylic. Dia. 200 mm (approx.) • Height: 200mm approx. • Motor : Variable Speed DC Motor Compatible capacity. • Control Panel Comprises of : • Speed Control Unit Standard make On/Off Switch, Mains Indicator etc. • The whole set-up is well designed and arranged in a good quality painted structure.
- 8 Losses due to pipe fittings, sudden enlargement & contraction Apparatus
- Manometer Fluid : Mercury (Hg) - 250 gm Sudden Enlargement : From 15mm to 25mm Sudden Contraction : From 25mm to 15mm. Bend : 1/2" Elbow : 1/2" • Ball valve : 1/2" Gate valve : 1/2" • Water Circulation: FHP Pump, Crompton make. Operated By Software Flow Measurement : Using Measuring Tank with Flow Measured By Pressure Sensor Piezometer, Capacity 25 Ltrs. Pressure Drop Measurement: Differential Manometer Sump Tank : Capacity 50 Ltrs. • Stop Watch : Electronic. Control Panel Comprises of : Standard make On/Off Switch, Mains Indicator, etc

FORMAT FOR QUOTATION SUBMISSION
(In letterhead of the supplier with seal)

Date: _____

To: _____

| 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. _____