



Institute of Engineering & Technology, Lucknow, Sitapur Road, Lucknow,
Uttar Pradesh - 226021

INVITATION LETTER

IET/TEQIP-III/2019/228-9

Package Code: TEQIP-III/2019/UP/IET/244

Current Date: 05-Jul-2019

Package Name: IET-TEQIP-ME-LAB-7B

Method: Shopping Goods

Sub: INVITATION LETTER FOR IET-TEQIP-ME-LAB-7B

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	OPEN ECU BASED DUAL FUEL AUTOMOTIVE SINGLE CYLINDER WATER COOLED ENGINE SET-UP WITH EDDY CURRENT DYNAMOMETER	1	Institute of Engineering and Technology, Lucknow	

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 60days 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:

Satisfactory Delivery & Installation and Acceptance - 100% of total cost

10. Liquidated Damages will be applied as per the below:

Liquidated Damages Per Day Min % :0.50

Liquidated Damages Max % : 10

11. All supplied items are under warranty of 36 months from the date of successful acceptance of items and AMC/Others is .

12. You are requested to provide your offer latest by 14:00 hours on 22-Jul-2019.

13. Detailed specifications of the items are at Annexure I.

14. Training Clause (if any) YES

15. Testing/Installation Clause (if any) YES

16. Performance Security shall be applicable: 5%

17. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.

18. Sealed quotation to be submitted/ delivered at the address mentioned below, **TEQIP-III**
Institute of Engineering & Technology, Lucknow, Sitapur Road, Lucknow, Uttar
Pradesh - 226021

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



(Authorized Signatory)

Name & Designation

COORDINATOR

TEQIP PHASE

Institute of Engineering

Technology, Lucknow - 226021

Sr. No	Item Name	Specifications
1	OPEN ECU BASED DUAL FUEL AUTOMOTIVE SINGLE CYLINDER WATER COOLED ENGINE SET-UP WITH EDDY CURRENT DYNAMOMETER	<p>➤ Engine: Single Cylinder Water cooled Automotive Diesel (dual Fuel) Engine (800-3500 rpm), , Power- 10 hp or better; Torque-35 Nm @1500-2000 rpm or better, Diesel Injection System (CRDI) along with required sensors and actuators (cam and crank sensor, engine temperature , torque demand sensor, solenoid injector, pressure control valve), Secondary Fuel Control and Provision for EGR with cooler.</p> <p>➤ Dynamometer: Eddy Current water-cooled Dynamometer with Suitable Filter, Load Cell, Propeller shaft, Shaft guard, Control Panel, Standard Temperature and Pressure indicators on a panel and Constant Speed Control for Engine ECU.</p> <p>➤ Industry Standard ECU for: Injection pressure, timing, quantity control, Multiple injection (minimum 3), EGR Control, Dual fuel injection control (Diesel and Secondary Fuel- CNG/H2/LPG/Methanol/Ethanol/Gasoline), Provision for Lambda Sensor PC Based Software with CAN Communication Combustion Analysis System Crank Shaft Encoder (360 ppr), Piezoelectric in-cylinder pressure sensor (0-250 bar or better), DAC system combustion & analysis software (p-theta, heat release, MFB etc), Air/Fuel Measurement With Integration, Installation & training on Calibration tools.</p> <p>➤ Secondary Fuel System: CNG Cylinder, Pressure Regulator, Solenoid, Necessary Pipes, Injector, Necessary Government agency certificates for cylinder safety.</p>

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							

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. _____ (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. _____

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