Uma Nath Singh Institute of Engineering & Technology, VBS Purvanchal UniversityJaunpur,,VBS Purvanchal University Campus, Shahganj Road, Jaunpur, UP pin-222003

INVITATION LETTER

Package Code: TEQIP-III/2019/UP/uiej/103 **Current Date: 28-Sep-2019**

Package Name: Fiber Optics Lab **Method: Shopping Goods**

To,

Sub: INVITATION LETTER FOR Fiber Optics Lab

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	Fiber optic Hardware Kit	1	Dr. Rajnish Bhasker, Procurement Officer, TEQIP-III, Uma Nath Singh Institute of Engineering & Technology, VBS Purvanchal University Campus, Shahganj Road, Jaunpur, UP pin-222003	Yes
2	Vibration table	1	Dr. Rajnish Bhasker, Procurement Officer, TEQIP-III, Uma Nath Singh Institute of Engineering & Technology, VBS Purvanchal University Campus, Shahganj Road, Jaunpur, UP pin-222003	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, 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 **60** 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:

Payment Description	**Expected Delivery Period (in Days)**	**Payment Percentage**
Satisfactory Acceptance	70	100

10. Liquidated Damages will be applied as per the below:
Liquidated Damages Per Day Min %: 0.01
Liquidated Damages Max %: 10

11. All supplied items are under warranty of **12** months from the date of successful acceptance of items and AMC/Others is **no.**

12. You are requested to provide your offer latest by **14:00** hours on **15-Oct-2019.**

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

14. Training Clause (if any) **Required**

15. Testing/Installation Clause (if any) **Required**

16. Performance Security shall be applicable**: 0%**

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

18. Sealed quotation to delivered at the address mentioned below **by Speed Post only**

Dr. Rajnish Bhasker, Procurement Officer, TEQIP-III, Uma Nath Singh Institute of Engineering & Technology, VBS Purvanchal University Campus, Shahganj Road, Jaunpur, UP pin-222003

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

(Authorized Signatory)
Name & Designation

Annexure I

Sr. No	Item Name	Specifications
1	Fiber optic Hardware Kit	**1 Sub system for Photonic sensor laboratory — 1** **Includes:** **1a Projects in Single-Mode Fiber Optics: — 1** **Projects in Single Mode Fiber Optics Kit, Projects 1-9, Metric** • Type Single Mode Fiber Optics Educational Kit **Projects Included:** • Project 1: Semiconductor Diode Laser Characterization • Project 2: Effects of Reflections on Diode Lasers • Project 3: Zero Path Length Difference Interferometry and Coherence Properties of Semiconductor Laser Sources • Project 4: Characterization of Fiber 3 dB Couplers • Project 5: Laser Velocimeter • Project 6: Polarimetric Sensors • Project 7: Fiber Optical Gyros • Project 8: Single-Mode Interferometric Sensors • Project 9: Coherent Communications **1b Projects in Fiber Optics: — 1** **Projects in Fiber Optics Educational Kit, Projects 1-10, Metric** • Type Projects in Fiber Optics Educational Kit **Projects Included:** • Project 1: Handling Fibers, Numerical Aperture • Project 2: Fiber Attenuation • Project 3: Single-mode Fibers I • Project 4: Single-mode Fibers II • Project 5: Coupling Fibers to Semiconductor Sources • Project 6: Connectors and Splices • Project 7: Components for Fiber Communication • Project 8: Fiber Optic Communication Link • Project 9: Multimode Intensity Sensors • Project 10: Single-mode Interferometric Sensors

2	Vibration table	**2 Vibration Table** — **1** **Includes:** **2A Research Grade Optical Table, 1200 x 2400 x 305 mm, M6** — **1** **Technical Specs:** • Width 1200 mm • Length 2400 mm • Thickness 305 mm • Mounting Holes M6 • Surface Flatness ±0.1 mm over 600 mm square • Damping: Both Broadband and Tuned narrowband • Narrowband Tuned damping: Tunability range between ≤ 25 Hz to ≥ 525 Hz. • Mounting Hole Pattern 25 mm grid • Mounting Hole Borders 12.5 mm • Working Surface 400 series ferromagnetic stainless steel • Top and Bottom Skins 4.8 mm thick with integrated damping layer • Hole Sealing Type Easy clean conical cup, 19 mm deep, non-corrosive high impact polymer material • Alpha-Numeric Grid Lables Yes • Non-Magnetic SurfaceNo • Core Construction: Vertically Bonded Triple Core Interface with Trussed Honeycomb • Clean Room Class 10,000 compatible **Performance Value:** • Maximum Dynamic Deflection Coefficient0.8 x 10-3 • Maximum Relative Motion Value<2.0 x 10-7 mm • Deflection Under Load<1.3 x 10-3 mm **2B Active Vibration Isolators** — **1 SET** • Isolator Height : 23.5 in. (596.9 mm) • Load per Isolator: 2000 lb • Number of Isolators: 4 • Tie Bar Flange: No • Self Centering: Yes • Settling Time: 1.5 s • Releveling Accuracy: ±0.010 in. • Horizontal Damping: Oil • Horizontal Isolation, 5 Hz: 85% • Horizontal Isolation, Resonance: 1.5 Hz • Horizontal Isolation, 10 Hz: 95% • Vertical Isolation, 10 Hz: 98% • Vertical Isolation, 5 Hz: 94% • Vertical Isolation, Resonance: 1 Hz • Height Adjustment: +1.3 in. • Horizontal Amplification at Resonance:9 dB • Vertical Amplification at Resonance: 10 dB • Maximum Air Pressure: 85 psi • Float Height Indicator: Yes • Construction: Aluminum casting for Lower magnetic permeability • Mounting Brackets: Isolators must have mounting brackets for ease of attachment to table top • Hybrid Chamber: Designed to achieve lower natural frequency. • CleanRoom Class 10,000 compatible **2C Low Noise Air Compressor** — **1** • Type: Air Compressor • Flow Rate at 20-80 psi: 0.68 CFM • Maximum Air Pressure: 116 psi • Operating Sound Level at 1 ft.: 30 dB • Release Valve Sound Level: 62 dB • Power Requirements: 220 VAC • Safety valve, gauges, outlet clocks, fitting and drain should be of standard, and should include high-grade air filter/regulator. • Automatic Turn Off Switch

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. _____