



OFFICE OF THE REGISTRAR MANIPUR TECHNICAL UNIVERSITY, IMPHAL

(A University established under the Manipur Technical University Act, 2016)

Recognised by UGC under Section 2(f) and Section 22 of UGC Act, 1956

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INVITATION LETTER

Package Code: TEQIP-III/2019/MN/mtui/51

Current Date: 17-Jun-2019

Package Name: FIBRE OPTICS COMMUNICATION LAB

Method: Shopping Goods

To,

Sub: INVITATION LETTER FOR FIBRE OPTICS COMMUNICATION 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	Fibre Optics Training Kit	10	Manipur Technical University, Govt. Polytechnic Campus, Takyelpat, Imphal West, Manipur-795004	
2	Power Meter	2	Manipur Technical University, Govt. Polytechnic Campus, Takyelpat, Imphal West, Manipur-795004 .	

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 **45** 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.
 - 6.3 All required/derived documents contained in the Tender notice shall be submitted.
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 fulfilling all Technical Specification as desired by the University 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 by e-transfer through PFMS.
10. **Satisfactory Delivery & Installation - 10% of total cost**
Satisfactory Acceptance - 90% of total cost
11. All supplied items are under warranty of **12** months from the date of successful acceptance of items and AMC/Others.
12. You are requested to provide your offer latest by **16:30** hours on **02-Jul-2019**.
13. Detailed specifications of the items are at Annexure I.

14. **Training:** Training/Demonstration must be done for each item.
15. **Testing/Installation:** Testing/Installation must be executed in presence of a faculty of concerned department of Manipur Technical University and duly certified by the Faculty.
16. Information brochures/ Product catalogue must be accompanied with the quotation clearly indicating the model quoted for.
17. The bidder should have provided similar nature of services to IITs/NITs/Govt. Departments/Semi Govt. Departments/PSU/Educational Institutions of National Importance etc. during last 3(three) years ending the last day of March 2019. Duly certified copies of such services are to be enclosed.
18. Tender/Quotations are to be submitted in TWO PARTS i.e. (a) Technical Bid and (b) Price Bid, in two separate properly sealed covers; and both these covers will have to be again put in to a single sealed cover. Also, the full address of the firm submitting the tender/quotation must appear distinctly with PIN on both the inner sealed covers, indicating also TECHNICAL BID/ PRICE BID as may be applicable.
19. The outer most cover shall be super scribed as:
"QUOTATION FOR SUPPLY & INSTALLATION OF
.....
FOR..... MANIPUR
TECHNICAL UNIVERSITY.
VIDE TENDER REF NO:-
DATED.....
[The bid will summarily be rejected & returned to the bidder if the sealed envelope containing the quotation is not super scribed as above].
20. Sealed quotation to be submitted/ delivered at the address mentioned below:
**Manipur Technical University, Govt. Polytechnic Campus, Takyelpat, Imphal West,
Manipur-795004**
21. No Part Delivery: Part shipment for any items will not be allowed and any Optional item quoted by the supplier will not be entertained.

22. The bidding agency should be a reputed firm and having all necessary certificates, viz. GST registration certificate, PAN, Registration, Sale Tax clearance Certificate, Authorized Dealership/Distributorship certificate, etc. The photocopies of all the certificates should be attached with the tender.
23. The firm should be an original equipment manufacturer (OEM) in the business of manufacture or supply of equipment for minimum 3-5 years. The firm should submit audited financial statements for latest three financial years in support of this claim.
24. The items being quoted should be of Original Manufacturer and no non-standard item should be quoted. All detailed specifications with make & model no. of the items accompanied by proper leaflets should be clearly mentioned and attached with the offer.
25. The rate quoted must be both in words and figures inclusive of all charges i.e. packing, forwarding, octroi, surcharge, insurance, installation, demonstration and other charges if any.
26. Manufacturer's/Company's name, it's trademark should be mentioned in the tender and illustrative leaflets giving technical particulars, etc. should be attached in the tender.
27. Each bidder should clearly specify that the bidder agrees to abide by the conditions of this tender document on their printed letter head duly sealed & signed by an authorized person.
28. The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall have to be taken into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit. **Manipur Technical University will not take responsibility and accept any damaged goods during**

transit.

29. Contact details of the person for all post sales/installation maintenance support should clearly be given with Name & Designation, Phone No., Mobile No. and E-mail address.
30. All legal disputes shall be under the jurisdiction of Manipur High Court in the state of Manipur.
31. We look forward to receiving your quotation and thank you for your interest in this project.



(Authorized Signatory)
Name & Designation

Aast. Registrar
Manipur Technical University

Annexure I

Sr. No	Item Name	Specifications
1	Fibre Optics Training Kit	<p>Specification: All the modules/kits should have Block diagram printed on the top with test points for easy access to blocks by the students. Not preferable in the form of open PCB. 12 (64Kbits/sec) channels, including one slot for 8-bit Marker, Two 8-bit programmable markers in the alternate frame, Manchester Coding / Decoding, 768 Kbits/sec, 1.5 Mbits/sec after Manchester coding, Two PCM voice channels (2 telephone handsets provided) ,A-law (Voice Coding Technique) Single marker and double marker generation for false marker study should be provided. Latching type data switches for 8 bit data input that allows either feeding in '1' or '0' data for continuous transmission of '1' or '0'. Provision for feeding in TTL data from Function generator through one or two bits of these data switches. BNC ports for all I/O operations are required, to avoid cluttering on the functional block diagram kit. Wavelength: 850nm and 650nm Infra-red LED, Si PIN Diode Photo Detector, 1000micron plastic Fiber (Standard 1m & 3m), Max Data Rate 2Mbits/sec (NRZ) Facility to bypass coder circuitry and some other blocks. Fibre Optic Experiments Fibre Optic Analog Link Digital Link Losses in Optical Fibre Effect of Electromagnetic Interference Numerical Aperture Measurement Multiplexing and Digital Communication Experiments Time Division Multiplexing Framing in Time Division Multiplexing Manchester Coding/Decoding – Timing recovery Voice Coding – A-Law Pulse broadening in Fibre Optic Communications</p>
2	Power Meter	<p>Hand Held Fibre Optic Power Meter Specification: Sensor Type : Large area Si Photo detector Calibrated Wavelength : 660nm / 850nm (switch selectable) Optical Input Wavelength : 600 – 1000nm Optical Input Power : +3dBm to -60dBm Display Type : 3½ Digit LCD Accuracy : + 0.2dB Resolution : 0.1dB Operation : 9V Battery or 9V wall mount adaptor Optical Interface Connectors :ST Type for GF & Bare Fibre Adapter for PF</p>

CHECK-LIST (TECHNICAL BID)

SUMMARY OF COMPLIANCE TO REQUIREMENT OF TENDER

Sl. No.	Description of Requirement	Yes / No / NA	Page No.
1	Copy of Manufacturer/ Authorized Supplier Certificate		
2	Audited financial statement for the last 3 years		
3	Copy of the PAN card.		
4	Copy of GST registration certificate		
5	Copies of previous work order of similar work with completion certificate		
6	Declaration certificate		
7	No Deviation certificate		
8	Bidder's details		
9	Technical Specification		
10	NSIC/SSI/MSME Certificate where applicable		
11	All the pages of tender document have been signed		
12	Price bid in separate sealed envelope.		
13	Complete copy of Quotation in the format given along with the Price Bid.		

(Signature & seal of the contractor)

Place:

Date:

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. _____