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/UP/uiej/15 **Current Date: 19-Jul-2019**

Package Name: Research Grade Measuring Equipments **Method: Shopping Goods**

To,

Sub: INVITATION LETTER FOR Research Grade Measuring Equipments

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	Digital Oscilloscope	30	JAUNPUR	YES
2	Portable Oscilloscope	1	JAUNPUR	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 **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.

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 Acceptance - 100% of total cost

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 **03-Aug-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**: %**

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,

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

<table>
<tr><th>Sr. No</th><th>Item Name</th><th>Specifications</th></tr>
<tr><td>1</td><td>Digital Oscilloscope</td><td>
<table>
<tr><th>Parameter</th><th>Specification</th><th></th></tr>
<tr><td>No. of Channels</td><td>2</td><td></td></tr>
<tr><td>Bandwidth</td><td>100 MHz</td><td></td></tr>
<tr><td>Real time Sampling</td><td>1 GSa/s</td><td></td></tr>
<tr><td>Memory Depth</td><td>14 Mpts (Single Channel), 7 Mpts (Dual Channel)</td><td></td></tr>
<tr><td>Vertical Resolution</td><td>8 bits</td><td></td></tr>
<tr><td>Coupling</td><td>AC, DC, Ground</td><td></td></tr>
<tr><td>Rise time</td><td>< 3.5 ns</td><td></td></tr>
<tr><td>Vertical Scale</td><td>500 µV/div – 10 V/div (1-2-5)</td><td></td></tr>
<tr><td>Input Impedance</td><td>DC : (1 MW ± 2%) || (18 pF ± 2 pF)</td><td></td></tr>
<tr><td>Max. Input Voltage</td><td>1 MW : ≤ 400 VPK (DC+ Peak AC ≤ 10 kHz)</td><td></td></tr>
<tr><td>Time Base</td><td></td><td></td></tr>
<tr><td>Time base range</td><td>1 ns – 100 s/div</td><td></td></tr>
<tr><td>Time base accuracy</td><td>±25 ppm</td><td></td></tr>
<tr><td>Trigger System</td><td></td><td></td></tr>
<tr><td>Trigger Source</td><td>CH1, CH2, EXT, EXT/5, AC line</td><td></td></tr>
<tr><td>Trigger Mode</td><td>Auto, Normal, Single</td><td></td></tr>
<tr><td>Trigger Type</td><td>Edge, Slope, Pulse, Video, Window, Interval, Dropout, Runt, Pattern, Serial Trigger</td><td></td></tr>
<tr><td>Measurement parameters</td><td>38 Automatic measurement parameters</td><td></td></tr>
<tr><td>Math functions</td><td>Add, Subtract, Multiply, Divide, FFT(1 Mpts), d/dt, Integration, Square Root</td><td></td></tr>
<tr><td>General Specifications</td><td></td><td></td></tr>
<tr><td>Interface</td><td>USB Host, USB Device, Trigger Out, LAN & PASS/FAIL Out</td><td></td></tr>
<tr><td>Display</td><td>7.0” TFT LCD display</td><td></td></tr>
<tr><td>Calibration</td><td>Should provide Calibration Report</td><td></td></tr>
<tr><td>Power</td><td>100 – 240 V AC</td><td></td></tr>
<tr><td>Safety</td><td>2006/95/EC, Executive Standard
EN 61010-1:2010/EN 61010-2-030:2010</td><td></td></tr>
</table>
</td></tr>
<tr><td>2</td><td>Portable Oscilloscope</td><td>
<table>
<tr><th>Parameter</th><th>Specification</th><th></th></tr>
<tr><td>No. of Channels</td><td>2 (isolated)</td><td></td></tr>
<tr><td>Bandwidth</td><td>60 MHz</td><td></td></tr>
</table>
</td></tr>
</table>

		Real time Sampling	Single Channel :1Gsa/s, Double Channels : 500MSa/s	
		Memory Depth	2 Mpts	
		Vertical Resolution	8 bits	
		Rise time	≤ 5.8 ns	
		Vertical Scale	5mV/div - 100V/div (1-2-5 step)	
		Filter Mode	Low pass, High pass, Band pass, Band limit	
		Meter		
		Maximum Resolution	6000 counts	
		DC Voltage	60 mV – 1000V	
		AC Voltage	60 mV – 750V	
		DC Current	60 mA – 10A	
		AC Current	60 mA – 10A	
		Resistance	600 Ω – 60 MΩ	
		Capacitance	40 nF - 400µF	
		Time Base		
		Time base range	5 ns/ div-50s/div	
		Time base accuracy	±50 ppm	
		Trigger System		
		Trigger Source	CH1, CH2	
		Trigger Mode	Auto, Normal, Single	
		Trigger Type	Edge, Pulse Width, Video, slope, Alternative	
		Measurement parameters	32 Automatic measurement parameters	
		Math functions	Add, Subtract, Multiply, Divide, FFT	
		Power		
		Line Power Adapter	Input Voltage	100 – 240V, 50/ 60 Hz
			Output Voltage	9V 4A
		Battery	Re-chargeable battery with back-up time upto 4 hours	
		General Specifications		
		Interface	USB Host, USB Device	
		Display	5.7 inch TFT color LCD	
		Calibration	Should provide Calibration Report	
		Safety	2006/95/EC Low Voltage Directive	
			EN61010-1:2010/EN 61010-031:2002+A1:2008	

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. _____