



Bundelkhand Institute of Engineering & Technology, Jhansi

Kanpur Road Jhansi, Uttar Pradesh – 284128

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INVITATION FOR QUOTATION

TEQIP-III/2018/biej/Shopping/33

06-Jun-2018

To,

Sub: Invitation for Quotations for supply of Goods

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	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	Surface roughness and contour measuring instrument	1	30	Bundelkhand Institute of Engineering & Technology, Jhansi- 284128	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, initialing, 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 **30** 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:
Delivery and Installation - 90% of total cost
Satisfactory Acceptance - 10% of total cost
10. All supplied items are under warranty of **12** months from the date of successful acceptance of items.
11. You are requested to provide your offer latest by **12:00** hours on **26-Jun-2018** .
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) **Yes**
14. Testing/Installation Clause (if any) **Yes**
15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
16. Sealed quotation to be submitted/ delivered at the address mentioned below,
Bundelkhand of Engineering & Technology Kanpur Road, Jhansi, Uttar Pradesh, 284128
17. We look forward to receiving your quotation and thank you for your interest in this project.

(Dr. Mukesh Shukla)
Nodal Officer Procurement
TEQIP-III

SPECIFICATION OF SURFACE ROUGHNESS and CONTOUR : Measuring instrument

Sl. No.	HORIZONTAL PERFORMANCE	
1	Traverse Length- X Max/Min	Minimum 50mm
2	Measuring speeds nominal	1mm/s
3	Data sampling interval in X	0.5µm or better
4	Straightness Uncertainty (Pt) - (X-Length)	0.4 µm over 50mm
6	Number of Data Points	Minimum 1,00,000 points over full length
VERTICAL PERFORMANCE IN ROUGHNESS MODE		
1	Nominal measuring range for surface finish and contour (Z)	2 mm
2	Resolution (Z)	Best resolution 20 nm
3	Stylus arm Length, Tip size, force	60mm arm, 2µm radius conisphere diamond stylus, 1mN force 120mm arm, 0.5mm radius ball, 20mN force
VERTICAL PERFORMANCE IN CONTOUR MODE		
1	Nominal measuring range (Z)	Minimum 25 mm Price to be indicated separately on price bid
2	Resolution (Z)	0.5 Micron or better
3	Stylus arm Length, Tip size, force	Includes three interchangeable stylus arms: Price to be indicated separately on price bid (i) Conical tip with 30 deg. Included angle, (ii) Ball tip with 0.5mm radius, (iii) Chisel tip with 15 deg. Includes angle.
SYSTEM PERFORMANCE		
1	Calibration Method	Standard spherical calibration artifact 22 mm ball Price to be indicated separately on price bid
2	Calibration Uncertainty - Pt (for Roughness mode)	0.25µm (60mm stylus arm) 0.5µm (120mm stylus)
3	Calibration Uncertainty - Pt (for Contour mode)	0.5 micron Using 80mm ball for contour
5	Radius measurement Uncertainty	0.1-12.5mm = 2 - 0.04% of nominal 12.5mm - 25mm = 0.04% of nominal 25 - 1000mm = 0.04 to 0.2% of nominal
ANALYSIS		
1	Primary Parameter	Pa, Pc, Pda, Pdc, Pdq, PHSC, Pku, Pln, Plo, Plq, Pmr, Pmr, Pp, Ppc, Pq, PS, Psk, Psm, Pt, Pv, Pvo, Pz, Pz(jis)
2	Roughness Parameter	R3y, R3z, Ra, Rc, Rda, Rdc, Rdq, RHSC, Rku, Rln, Rlo, Rlq, Rmr, Rmr, Rp, Rpl max, Rpc, Rq, Rs, Rsk, Rsm, Rt, Rv, Rvo, Rvl max, Rz, Rz(DIN), Rz(JIS) Rz1 max.
3	Waviness Parameter	Wa, Wc, Wda, Wdc, Wdq, WHSC, Wku, Wln, Wlo, Wlq, Wmr(C), Wmr, Wp, Wpc, Wq, WS, Wsk, Wsm, Wt, Wv, Wvo, Wz.

PTD
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M/c - SR

4	Rk Parameter	A1, A2, Mr1, Mr2, Rk, Rpk, Rvk
5	R+W Parameter	AR, AW, Pl, R, Rke, Rpk, Rvke, Rx, Sar, Saw, Sr, Sw, W, Wle, Wx,
7	Display functions	Calculation between profiles, Origin settings, X-axis settings, Translation or rotation of co-ordinate system.
8	Contour analysis	<ul style="list-style-type: none">• Point to point distance• Radius measurement• Angle measurement
9	Filters / Bandwidths	Gaussian, ISO 2CR, 2CR-PC / 300:1, 100:1, 300:1
10	Cutt - offs	0.0025, 0.008, 0.025, 0.08, 0.25, 0.8, 2.5, 8 & 25mm

for

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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: _____