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प्लाज़्मा अनुसंधान संस्थान
INSTITUTE FOR PLASMA RESEARCH
परमाणु ऊर्जा विभाग, भारत सरकार का एक सहायता



प्राप्त संस्थान
An Aided Institute of Department of Atomic Energy,
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दूरभाष: (079) 2396 2020/2021/2028

फैक्स: 91-079-23962277

वेब: www.ipr.res.in

NEAR INDIRA BRIDGE, BHAT

DIST. GANDHINAGAR - 382 428 (INDIA)

Phone: (079) 2396 2020/2021/2028

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ENQUIRY

ENQUIRY NO : IPR/EQL/19-20/083

Date : 30-05-2019

Due on : 01-08-2019 by 1:00 PM IST

Reminder-1 Dt: 05-07-2019

Please send your offer in sealed envelope specifying Enquiry No, Date & Due Date, ALONG WITH your credentials for the following items:

Important Note:

Please note that e-mail quotations are not acceptable however you may send your queries (if any) to localpurchase@ipr.res.in

Please ensure your sealed quotation reaches this office not later than above mentioned due date and time.

Kindly go through the following documents properly before quoting which are available on the IPR web portal i.e., http://www.ipr.res.in/documents/tender_terms.html / attached herewith.

- 1) Instructions to the bidders & Terms and conditions (refer Form No: **IPR-LP-01.V4**)
- 2) Bidding format

GST for Goods and Services (IGST/CGST/SGST TAX BENEFITS): Please refer **clause no: 8** of Form No: **IPR-LP-01.V4**

QUOTATION SHOULD BE ADDRESSED TO PURCHASE OFFICER ONLY

Sr No	Description	Quantity
1	Supply, installation and commissioning of Digital Read Out system on Craftmaster (HMT make) Lathe Machine at IPR (FCIPT, A-10-B, GIDC,	1.0 Set

	Sector 25 Gandhinagar Campus). Scale lengths 1000 mm and 200mm. Other specifications as per attached sheet.	
2	Supply, installation and commissioning of Digital Read Out system on Turnmaster (Mysore Kirloskar make) Lathe Machine at IPR (FCIPT, A-10-B, GIDC, Sector 25 Gandhinagar campus). Scale lengths 1000 mm and 200mm. Other specifications as per attached sheet.	1.0 Set

Note: 1. Please quote with complete technical details (Technical compliance sheet and product data sheet).
2. TDS as per CGST Act : As per the provisions mentioned under Section No. 51 of the CGST Act 2017, TDS @ 2% (IGST 2% or CGST 1% and SGST 1%) will be deducted while making payment to the suppliers where total value of the purchase order/contracts/work orders exceeds Rs.2.5 Lakhs. Necessary TDS Certificate will be issued to the supplier after TDS deduction.

Encl: As Per Attachment

Sd/-

Mr. D. Ramesh
Purchase Officer-II

Information to Vendors: We are working towards a single platform for our future requirement. Hence, please refer IPR website i.e, <http://www.ipr.res.in/documents/tendersenq.html> for our future requirement.

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Specifications of digital readout system for Craftmaster and Turnmaster lathe machine at IPR (Sector 25, GIDC Gandhinagar campus)

Digital display counter: for 2 Axes Quantity: 1 no.(for each machine) with 0 to 9 figure keys & all basic functions (Reset, Rad/Dia, Inch/mm, Preset, Absolute /incremental mode)

Make: Any reputed make, preferably ISO 9001 company.

Linear scales: Should have better protection against dust & coolant etc. IP 67 protection shall be preferred. Technical Catalogue giving complete technical detail such as scale type, scale lengths available, features of scales etc. to be provided with Quotation.

Linear scale resolution: 0.005 mm

Linear scales length: (1) Length 1000 Quantity 1 no. for each machine (2) Length 200 mm Quantity 1 no. for each machine

DRO should be suitable for operation in Indian Condition (Operating temperature: 0° C to +50° C)

Mounting brackets, dovetail rail & mechanical hardware for scales: 2 sets for each machine

Counter stand: 1 no for each machine

Installation & Commissioning

The service engineer of supplier must install & commission digital read out system on following machines at workshop located at FCIPT, A-10-B, GIDC, sector 25 Gandhinagar.

- (1) Craftmaster (HMT make) lathe machine
- (2) Turmaster (Mysore Kirloskar make) Lathe Machine

Supplier will have to do fabrication & fitting of mechanical stopper to prevent damage to the scale. Extension cables (if any required) are in supplier's scope.

Acceptance:

DRO will be accepted after checking

- (1) All basic functions of DRO (Basic functions required are; Reset, Rad/Dia, Inch/mm, Preset)
- (2) Counting of the scale for full traverse (as per scale lengths & stoppers fitted)
- (3) Repeatability & positioning accuracy (approx. ± 10 Micron)
- (4) Cable routing & safety precautions taken (Fitting of mechanical stopper in cross axis)
- (5) One full day training (by the service engineer of supplier) to be provided to operators after installation.

Calibration certificate of linear scale to be provided with Scale.

Operating manual

Operating/ Instruction manual must be supplied with the system

Warrantee: Two years warranty for satisfactory performance.

After sales services:

The supplier should provide a catalogue giving complete technical features (resolution, accuracy etc.), functions available with DRO & clearly mention type of scale. Company introduction letter and list of reputed customers to be provided with quotation.

Compliance sheet for Indent no. 19-20 /59 dated May 10, 2019.

Sr no.	IPR Specification	Vendor's Response
1	Digital display counter: for 2 Axes with 0 to 9 figure keys & all basic functions (like Reset, Rad/Dia, Inch/mm, Preset, Absolute / incremental mode) Quantity: 1 no.(for each machine)	
2	Make: Any reputed make, preferably ISO 9001 company	
3	Linear scales: Should have better protection against dust & coolant etc. IP 67 protection shall be preferred. Technical Catalogue giving complete technical detail such as scale type, scale lengths available, features of scales etc. to be provided with Quotation	
4	Linear scale resolution: 0:005 mm	
5	Linear scales length <ul style="list-style-type: none"> • Length 1000 Quantity 1 no. for each machine • Length 200 mm Quantity 1 no. for each machine 	
6	DRO should be suitable for operation in Indian Condition (Operating temperature : 0° C to +50° C	
7	Mounting brackets, dovetail rail & mechanical hardware for scales:2 sets for each machine	
8	Counter stand: 1 no for each machine	
9	Mechanical stoppers for cross axis required. Fabrication & fitting of such mechanical stopper is in vendor's scope (for each machine)	
10	The service engineer of supplier must install & commission digital read out system on Craftmaster lathe machine at FCIPT (IPR) workshop located at GIDC, sector 25 Gandhinagar.	
11	Calibration certificate of linear scale to be provided with Scale	
12	Two years warranty	
13	One full day training at FCIPT (IPR) Sector 25, GIDC Gandhinagar (Gujarat) campus.	
14	Company introduction letter and list of reputed customers (to whom such DRO has been supplied in past three years) to be provided with quotation.	