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प्लाज्मा अनुसंधान संस्थान
INSTITUTE FOR PLASMA RESEARCH
परमाणु ऊर्जा विभाग, भारत सरकार का एक सहायता प्राप्त संस्थान
**An Aided Institute of Department of Atomic Energy,
Government of India**



इन्दिरा पुल के पास, भट, गांधीनगर - 382 428 भारत
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 2000/2026/2332
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ENQUIRY

ENQUIRY NO : IPR/EQF/19-20/080
Date : 02-07-2019

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

Please send your offer in sealed envelope specifying Enquiry No, Date & Due Date, ALONG WITH your credentials for the following items which we are interested to import directly against Foreign Trade Policy 2015-2020.

Important Note:

Please note that e-mail quotations are not acceptable however you may send your queries (if any) to importpurchase@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-FP-01.V3**)
- 2) Bidding format

GST for Goods and Services (IGST/CGST/SGST TAX BENEFITS): Please refer **clause no: 14** of Form No: **IPR-FP-01.V3**

QUOTATION SHOULD BE ADDRESSED TO PURCHASE OFFICER ONLY

Sr No	Description	Quantity
1	Translating post holder of height 60 mm above as per the attached specification sheet	5.0 Nos.
2	Translating post holder of height 90 mm above as per the attached specification sheet	5.0 Nos.
3	High Vacuum compatible X-Y translation stage as per the attached specification sheet	2.0 Set
4	Controller and software for the High Vacuum XY translation stage	1.0 Nos.

Note: 1. Please quote with complete technical details (Technical compliance sheet and product data sheet).
2. TDS as per CGST Act: As per provisions of 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 orders/contracts/work orders

exceeds Rs. 2.5 lakhs, in the event of order in Indian Rupees.
Necessary TDS Certificate will be issued to the supplier after
TDS deduction.

Encl: As per attached.

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.

Technical specification for translating Post Holder1 (Sr No 1)

IPR Specification	
Name of the item:	Translating post holder
Material:	Aluminum Alloy
Height:	>60mm
Height adjustment range:	~15mm
Height adjustment done:	By knurled rotating thimble
Diameter post for the post holder:	12mm
Finish:	Black Anodized
Quantity:	5 Nos

Technical specification for translating Post Holder2 (Sr. No 2)

IPR Specification	
Name of the item:	Translating post holder
Material:	Aluminum Alloy
Height:	>90 mm
Height adjustment range:	~15mm
Height adjustment done:	By knurled rotating thimble
Diameter post for the post holder:	12mm
Finish:	Black Anodized
Quantity:	5 Nos

Technical Specification for the high vacuum compatible X-Y translation stage, controller and Software (Sr. No 3& 4)

Specification	IP Requirement
Vacuum compatibility	Better than 5×10^{-6} mbar
Absolute positioning accuracy	<12 μ m
Repeatability	~2 μ m
Straight line accuracy	<2 μ m
Material Construction	Aluminum alloy 6061 (B51S)
Finish	without anodizing
Travel length	50mm
Resolution	~5 μ m (Half step)
Linear guide	Grass free Cross roller bearings (grease free) with precision 'V' groove
Maximum speed	4mm/sec (4 rps)
Actuator	high vacuum compatible Stepper motor Motor Bakeable at 200°C
Bakeable temperature	200°C
Limit switches	Limit switch in both ends (High vacuum compatible)
Pay-load	10 kg
Mounting holes	M6 tapped holes on 25mm grid
Overall height	Single axis stage : <40mm XY axis : <90mm including base plate
Two axis Controller and software	Controller to drive the stepper motors Software with Lab-View compatibility
Quantity	2 sets of (X Y translator and controller)

Technical compliance sheet for translating post holder1 (Sr. No 1)

IPR specification	Technical Compliance sheet from the Vendor
Name of the item: Translating post holder	
Material: Aluminum Alloy	
Height:>60 mm	
Height adjustment range: ~15mm	
Height adjustment done: By knurled rotating thimble	
Diameter post for the post holder: 12mm	
Finish: Black Anodized	
Quantity: 5 Nos	

Technical compliance sheet for translating post holder2 (Sr No 2)

IPR specification	Technical Compliance sheet from the Vendor
Name of the item: Translating post holder	
Material: Aluminum Alloy	
Height: >90 mm	
Height adjustment range: ~15mm	
Height adjustment done: By knurled rotating thimble	
Diameter post for the post holder: 12mm	
Finish: Black Anodized	
Quantity: 5 Nos	

Technical compliance sheet for high vacuum compatible X-Y translation stage, controller and Software (Sr No 3 &4)

Specification	IP Requirement	Compliance sheet from vendor
Vacuum compatibility	Better than 5×10^{-6} mbar	
Absolute positioning accuracy	<12 μ m	
Repeatability	~2 μ m	
Straight line accuracy	<2 μ m	
Material Construction	Aluminum alloy 6061 (B51S)	
Finish	without anodizing	
Travel length	50mm	
Resolution	~5 μ m (Half step)	
Linear guide	Grass free Cross roller bearings (grease free) with precision 'V' groove	
Maximum speed	4mm/sec (4 rps)	
Actuator	high vacuum compatible Stepper motor Motor Bakeable at 200°C	
Bakeable temperature	200°C	
Limit switches	Limit switch in both ends (High vacuum compatible)	
Pay-load	Minimum 5 kg	
Mounting holes	M6 tapped holes on 25mm grid	
Overall height	Single axis stage : <40mm XY axis : <90mm including base plate	
Two axis Controller and software	Controller to drive the stepper Motors & Software with Lab-View compatibility	

Bidder's Official Stamp and Sign:

Date: