



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

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ENQUIRY

Office Copy

ENQUIRY NO : IPR/EQF/18-19/193
Date : 29-01-2019
Type : General

Due on : 07-03-2019 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	Precision linear translation system comprising of 3-axis manual and single axis piezo translation stages as per given specifications	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 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: Refer attached sheet for detailed technical specification.

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/tenderseng.html> for our future requirement.

Precision linear translation system comprising of 3-axis manual and single axis piezo translation stages

Specifications for 3-Axis Translation stages

Type	Manual translation with differential micrometer
Coarse travel Range	~ 10 mm each axis
Fine travel range	~200 μm each axis
Coarse resolution	~25 μm each axis
Fine resolution	~0.5 μm each axis
Tapping	Metric (preferably M6)
Load capacity	~2 kg
Finish	Black anodized / matte black

Specifications for 1-Axis Piezo-Translation stages

Type	Piezo actuated translation stage with compatible controller for close loop operation
Close loop travel	~ 20 μm
Close loop resolution	~10 nm
Controller	Suitable controller for closed loop operation It should have position display
Operating voltage	Compatible power-supply for 220 V @ 50Hz
Interfacing	Controller should have standard Windows-based PC interface
Load capacity	$\geq 500\text{g}$
Tapping	Metric (preferably M6)

Note:

The offered piezo stage must be mountable on the 3-axis linear translation stage and both the stages should have coaxial Z-translation (i.e. in the vertical direction)

Compliance sheet

3-Axis Translation stages

Description	IPR specifications	Offered specifications
Type	Manual translation with differential micrometer	
Coarse travel Range	~ 10 mm each axis	
Fine travel range	~200 µm each axis	
Coarse resolution	~25 µm each axis	
Fine resolution	~0.5 µm each axis	
Tapping	Metric (preferably M6)	
Load capacity	~2 kg	
Finish	Black anodized / matte black	

1-Axis Piezo-Translation stages

Description	IPR specifications	Offered specifications
Type	Piezo actuated translation stage with compatible controller for close loop operation	
Close loop travel	~ 20 µm	
Close loop resolution	~10 nm	
Controller	Suitable controller for closed loop operation It should have position display	
Operating voltage	Compatible power-supply for 220 V @ 50Hz	
Interfacing	Controller should have standard Windows-based PC interface	
Load capacity	≥500g	
Tapping	Metric (preferably M6)	
Compatibility	The offered piezo stage must be mountable on the 3-axis linear translation stage and both the stages should have coaxial Z-translation (i.e. in the vertical direction)	

Date :

Bidder's Sign and Seal