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प्लाज्मा अनुसंधान संस्थान
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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, भाट, 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
Fax : 91-079-23962277
Web : www.ipr.res.in

ENQUIRY

ENQUIRY NO : IPR/EQF/19-20/085
Date : 09-07-2019

Due on : 22-08-2019 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	Mass flow controller (As per attached sheet)	3.0 Nos.
2	power supply (as per attached specifications)	1.0 Nos.

Note: 1. Delivery required within 3 months from the date of PO.
2. Please quote with complete technical details (Technical compliance sheet and product data sheet).
3. 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.

Foreign indent

Specifications of Mass flow controllers

Gas	: Argon, Oxygen and Nitrogen
Flow range	: 0 – 10000 sccm.
Quantity	: 01 each
Body	: Aluminium/Stainless steel
Accuracy	: ± 1.5 % of full scale
Repeatability	: ± 0.5 % of full scale
Response time	: > 2 sec
Seal	: Viton
Gas fitting	: $\frac{1}{4}$ inch Compression fitting
Leak integrity	: 1×10^{-9} sccm/s.
Protection provider pro.	: built in reversal polarity reversal protection, resettable fuses
Operation	: Remote and local both but normally in remote mode.

Three channel flow display power supply:

1. Each channel should be with 10 turn potentiometer.
2. Each channel should be calibrated as per the flow range of corresponding MFC.
3. Each Channel should be lockable valve status switch: Auto, close and open.
4. 230 VAC single phase power cable and manual.
5. LED display for each channel.

Compliance sheet

Mass flow controller for Argon, Oxygen and Nitrogen

Sr. No.	Our requirement	details	Vendors specifications
1.	Gas	Argon, Oxygen and nitrogen	
2.	Flow range	0-5000 sccm	
3.	Body	Aluminium	
4.	Accuracy	±1.5% of full scale	
5.	Repeatability	±0.5 % of full scale	
6.	Response time	>2 sec.	
7.	Seal	Viton	
8.	Gas fitting	¼ inch Compression fitting	
9.	Leak integrity	1 x 10 ⁻⁹ sccm/s.	
10.	Operation	Remote and local both but normally in remote mode.	
11.		Each channel should have 10 turn potentiometer	
12.		Each Channel should be lockable valve status switch: Auto, close and open.	
13.		Each channel should be calibrated with respective gas.	
14.		LED display for each channel	
15.		230 V input power supply.	

Bidder's Official Stamp and Sign:

Date: