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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,  
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](http://www.ipr.res.in)

NEAR INDIRA BRIDGE, BHAT

DIST. GANDHINAGAR - 382 428 (INDIA)

Phone: (079) 2396 2020/2021/2028

Fax : 91-079-23962277

Web : [www.ipr.res.in](http://www.ipr.res.in)

## ENQUIRY

ENQUIRY NO : IPR/EQL/19-20/300

Date : 05-11-2019

**Due on : 05-12-2019 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:

### Important Note:

Please note that e-mail quotations are not acceptable however you may send your  
queries (if any) to [localpurchase@ipr.res.in](mailto: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](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	Bellow sealed valves	12.0 Nos.

Note: Note : (1) Unsigned quotations are not acceptable.  
Quotation should be submitted duly signed on ALL PAGES  
invariably  
(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

Encl: Delivery Time:- 04 weeks  
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/tenderseng.html> for our future requirement.

### Technical Compliance Sheet

Sr No	Specification	IPR Requirement	Vendor Offering" Kindly use technical values avoid using words "yes/complied/ok/agree/confirm"
01	Actuator Type	Manual	
02	Bellows Material	Stainless Steel	
03	Body Material	SS 316	
04	Body Seal	Gasket with metal seat	
05	End 1 Connection Size	6 mm	
06	End 1 Type	Double ferrule compression fitting suitable for SS tube of 6 mm OD	
07	End 2 Connection Size	6 mm	
08	End 2 Type	Double ferrule compression fitting suitable for SS tube of 6 mm OD	
09	Stem Tip Type	Spherical	
10	Flow pattern	2 Way	
11	Gasket	Silver Plated SS 316	
12	Room Temperature pressure rating	Minimum 30 bar at room temperature	
13	Leak rate with helium	$\leq 1 \times 10^{-8}$ mbar.lit/s at room temperature	
14	Minimum working temperature	-20°C	
15	warranty	1 year	
16	Acceptance test at IPR	a. Physical dimensions and visual inspection b. Helium leak test c. Performance test at -20°C	

**Bidder's official stamp and sign**

**Date:**

## Technical specifications

### Stainless Steel Bellows Sealed Valve

Qty: 12 Nos

- Actuator Type : Manual
- Bellows Material : Stainless Steel
- Body Material : SS 316
- Body Seal : Gasket with metal seat
- End 1 Connection Size : 6 mm
- End 1 Type : Double ferrule compression fitting  
Suitable for SS tube of 6 mm OD
- End 2 Connection Size : 6 mm
- End 2 Type : Double ferrule compression fitting  
Suitable for SS tube of 6 mm OD
- Stem Tip Type : Spherical
- Flow pattern : 2 Way
- Gasket : Silver Plated SS 316
- Room Temperature pressure rating : Minimum 30 bar at room Temperature.
- Leak rate with helium :  $\leq 1 \times 10^{-8}$  mbar.lit/s at room Temperature.
- Minimum working temperature : -20°C
- Warranty : 1 year