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## ENQUIRY

ENQUIRY NO : IPR/EQF/19-20/152  
 Date : 13-11-2019

**Due on : 19-12-2019 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 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](mailto: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](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	35 CF (DN 40 CF) D-type receptacles electrical feed-through with 9-pin configuration	5.0 Nos.
2	Compatible Air side plugs to Item-1 (35 CF (DN 40 CF) D-type receptacles electrical feed-through with 9-pin configuration)	5.0 Nos.
3	Compatible Vacuum side plugs to Item-1 (35 CF (DN 40 CF) D-type receptacles electrical feed-through with 9-pin configuration)	5.0 Nos.
4	Compatible socket crimp contacts for the vacuum side plugs (Item-3)	100.0 Nos.

Note:

1. Delivery required within 4 months from the date of P.O.
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: Refer attached sheet for detailed technical specification.

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 compliance form for the 35 CF (DN 40 CF) UHV Electrical feed-through and connectors:**

**Item-1: 35 CF (DN 40 CF) D-type receptacles electrical feed-through with 9-pin configuration**

SR. No.	Particulars	IPR requirements / specifications	Vendor's Specification / Compliance
1	Type of the flange	<b>35 CF (DN 40 CF)</b>	
2	Voltage	<b>≥ 300 VDC</b>	
3	Current	<b>≥ 1 Amp</b>	
4	Compatible to Vacuum Range (UHV)	<b>≤ 1 x 10<sup>-9</sup> Torr</b>	
5	Insulation / seal	<b>Glass or Ceramic</b>	
6	Baking temperature	<b>Up to 200 °C</b>	
7	Number of electric pins on the flange	<b>9 pins</b>	
8	Type of the pin connector	<b>D-type</b>	
9	Vacuum Seal Type	<b>Vacuum seal type must be compatible to above temperature range and Pressure range.</b>	
10	CF Flange material	<b>Stainless Steel: SS-304/SS-316</b>	
11	Quantity (in Nos.)	<b>5</b>	
12	Warranty	<b>1 year</b>	

**Item-2: Compatible Air-side plugs to Item-1**

SR. No.	Particulars	IPR requirements / specifications	Vendor's Specification / Compliance
1	Type of the <b><u>Air side plugs</u></b>	<b>Compatible to the Item-1</b>	
2	Voltage	<b>≥ 300 VDC</b>	
3	Current	<b>≥ 1 Amp</b>	
4	Number of electric pins on the flange	<b>9 pins</b>	
5	Type of the pin connector	<b>D-type</b>	
6	Quantity (in Nos)	<b>5</b>	

**Item-3: Compatible Vacuum side plugs for Item-1**

SR. No.	Particulars	IPR requirements / specifications	Vendor's Specification / Compliance
1	Type of the <b><u>Vacuum side plugs/socket</u></b>	<b>Compatible to the Item-1</b>	
2	Voltage	<b>≥ 300 VDC maximum</b>	
3	Current	<b>≥ 1 Amp maximum</b>	
4	Compatible to Vacuum Range (UHV)	<b>≤ 1 x 10<sup>-9</sup> Torr</b>	
5	Capability to withstand the baking temperature	<b>Up to 200 °C</b>	
6	Number of electric pins on the flange	<b>9 pins</b>	
7	Type of the pin connector	<b>D-type</b>	
8	Plug material	<b>PEEK or vacuum compatible material for above mentioned vacuum and temperature range</b>	
9	Quantity (in Nos)	<b>5</b>	

**Item-4: Compatible socket crimp contacts for the vacuum side plugs (Item-3)**

SR. No.	Particulars	IPR requirements / specifications	Vendor's Specification / Compliance
1	Type of the <b>socket crimp contacts</b>	<b>Compatible to the Item-3</b>	
2	Voltage	<b>≥ 300 VDC maximum</b>	
3	Current	<b>≥ 1 Amp maximum</b>	
4	Compatible to Vacuum Range (UHV)	<b>≤ 1 x 10<sup>-9</sup> Torr</b>	
5	Capability to withstand the baking temperature	<b>Up to 200 °C</b>	
6	Quantity (in Nos)	<b>100</b>	

**Important Notes:**

1. Vendor/manufacturer/supplier have to submit complete technical compliance sheet for the above specification with their bid offer duly signed by authorized signatory.
2. Please provide the product brochure and documentary evidences which comply above requirements / technical specifications and to help purchaser to verify the technical compliance of the specification.
3. Compliance Statement-sheet **must contain exact specification OR Quantitative Value** for all above parameters of the **UHV Electrical feed-through** to be supplied by vendor.

Date :

Bidder's Sign and Stamp