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**An Aided Institute of Department of Atomic Energy,  
 Government of India**



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## ENQUIRY

ENQUIRY NO : IPR/EQF/18-19/024  
 Date : 18-04-2018

**Due on : 28-06-2018 by 1:00 PM IST**

Reminder-1 Dt: 25-05-2018

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	F-50H compressor for GM cryo-cooler RDK-415D Cold Head Model	1.0 Unit

Note: Please quote with complete technical details (Technical compliance sheet and product data sheet).  
 Payment will be made as follows :-  
 - Through Letter of Credit :- The L/C will be established for 90% value of purchase order and the same will be paid against presentation of shipping documents.  
 - Through Wire Transfer : 10% payment will be paid through wire transfer after receipt and final acceptance of the item/s at IPR site and on submission of performance Bank Guarantee

Encl: for 10% of the order value valid throughout warranty period.  
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.

## Specification for F-50H compressor for GM cryo-cooler RDK-415D Cold Head Model

#Sr. No.	Specification	IPR requirements
1	Compressor Model	F-50H compressor suitable for GM-cryocooler RDK-415D Cold Head Model
2	Compressor type	Compact water-cooled helium compressor
3	Cooling system	Water-cooled
4	Cooling water flow rate	< 12 LPM @ 28° C or suitable
5	Electrical power	AC 415V (±10 %) 3-phase, 50Hz (Indian Standard)
6	Power requirement	6.5-7.2 kW at 50 Hz
7	Noise Level (1 meter distance)	≤60 dBA at 1meter (approx.)
8	Maintenance interval	> 20,000 hours
9	Ambient	20-35° C
10	Cooling water	7-10 L/min at 10 - 25 degrees C

**Note:**

**Warranty:**

Warranty for all the supplied materials should be at least for one year.

**Bidding/Representation:**

Bidder should be original manufacturer or the authorised representative. Representative needs to provide the recent and valid authorisation letter from the manufacturer.

**Do not quote for power cord and flex line:**

## Compliance Sheet for F-50H compressor for GM cryo-cooler RDK-415D Cold Head Model

#Sr. No.	Specification	IPR requirements	Vendor's Specification (To be filled by the vendor)
1	Compressor Model	F-50H compressor suitable for GM-cryocooler RDK-415D Cold Head Model	To be filled
2	Compressor type	Compact water-cooled helium compressor	To be filled
3	Cooling system	Water-cooled	To be filled
4	Cooling water flow rate	< 12 LPM @ 28° C or suitable	To be filled
5	Electrical power	AC 415V (±10 %) 3-phase, 50Hz (Indian Standard)	To be filled
6	Power requirement	6.5-7.2 kW at 50 Hz	To be filled
7	Noise Level (1 meter distance)	≤60 dBA at 1meter (approx.)	To be filled
8	Maintenance interval	> 20,000 hours	To be filled
9	Ambient	20-35° C	To be filled
10	Cooling water	7-10 L/min at 10 - 25 degrees C	To be filled
11	<b><u>Warranty:</u></b>	Warranty for all the supplied materials should be at least for one (1) year.	Accepted/Not accepted
12	<b><u>Bidding/Representation:</u></b>	Bidder should be original manufacturer or the authorised representative. Representative needs to provide the recent and valid authorisation letter from the manufacturer.	Yes (documents provided) OR Not
13	<b><u>Do not quote for power cord and flex line:</u></b>		Accepted/Not accepted

Date :

Bidder's Sign and Signature