

INTER-UNIVERSITY ACCELERATOR CENTRE

**(An Autonomous Centre of UGC)
Aruna Asaf Ali Marg, New Delhi-110 067**

NOTICE INVITING E-TENDER

TENDER NO: IUAC/NIT/49/SRA/2018-19

Dated: 15/03/2019

Instructions for Online Bid Submission:

Inter-University Accelerator Centre (IUAC), invites online bids through e-Procurement Portal under two bid system, viz., Technical and Financial bids, from eligible and experienced parties for the work/supply of “**Scroll Pump and Valve**” at IUAC.

Tender Documents may be downloaded from Central Public Procurement Portal <http://eprocure.gov.in/eprocure/app> and www.iuac.res.in

Aspiring Bidders who have not enrolled/registered in e-Procurement Portal should enroll/register before participating through the website <http://eprocure.gov.in/eprocure/app>.

Bids shall be submitted online only at CPPP website: <http://eprocure.gov.in/eprocure/app>. Tenderers/Contractors are advised to follow the instructions provided in the e-procurement portal. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

IUAC reserves the right to accept / reject any/all tenders in part/full without assigning any reasons thereof.

Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled and submit it online without modifying the format. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

Any Corrigendum/Amendments in respect of above tender shall be issued on IUAC website www.iuac.res.in and website <https://eprocure.gov.in> only. Bidders should take into account any corrigendum published on the tender document before submitting their bids.

E-TENDER DOCUMENT

Name of Work/Supply	SUPPLY OF SCROLL PUMP AND VALVE AS PER THE GIVEN SPECIFICATIONS
Tender No.	IUAC/NIT/49/SRA/2018-19
Tender Value/Estimate in INR	USD 4500
Earnest Money Deposit	NIL
Bid Submission End Date and time	27/03/2019
Technical Bid Opening Date	28/03/2019
Price Bid Opening Date	To be intimated later.
Contact Person	M. B. Joseph, Administrative Officer (S&P) e-mail: joseph@iuac.res.in Phone: 011-24126018 & 24126022

List of stable isotopes and specifications:

Dry Pump Specification.

Types of pump	Multi stage Roots or Dry Scroll type
Peak pumping speed	: ~ At least 20 m ³ /h
Inlet Connection	KF- 25 type
Out let connection	ISO- KF type
Power input	230-240 VAC / 50Hz, Single Phase
Ultimate Vacuum/ pressure	$\leq 3 \times 10^{-2}$ mbar
Gas Ballast and silencer	required
Water vapour pumping rate	200 g/h or better
Noise level 50/ Hz	≤ 52 dB(A)
Leak tightness	$< 1.0 \times 10^{-6}$ mbar ls-1
Electronics and controls	Integrated frequency converter
Other requirements	Vacuum region inside pump should be free from grease and lubricants. Bearing should be outside the vacuum region. Gas Ballast option should be adjustable with no leak.
Service Support	In case of servicing at places other than IUAC Delhi, it is vendor responsibility to make necessary arrangements to pick up the pump from IUAC within 10 days and deliver the repaired pump at IUAC within one month.

Specifications for electrically operated right angle valve

KF- 25 right angled valve	Single acting spring close, electrically operated right-angled isolation valve with position indicator switch.
Connection Type	KF 25
Sealing range	1000 mbar- 10 e ⁻¹⁰ mbar
Valve Body	Aluminium
O-ring	Fluro-elastomer/ Viton
Molecular conductance	10 l/s or better
Seal movement	Formed/ welded bellow type
Closing time	200 ms or better
Bellows reliability: MTTF	200000 cycles or more
Electrical indicator :	Micro switch

General Terms and conditions of tender:

1. Submission of Tender:

Tenders should be uploaded on CPP Portal in two parts; i.e. Technical Bid and Price Bid/BOQ.

2. Technical Bid:

In this bid, the bidder should **upload** following documents required for technical qualification:

- a) Documents showing the company profile and copies of successfully executed similar type of work orders for reputed laboratories/ institutes/organizations during the last seven years. Bidder must be the principal suppliers or their authorized agents.
- b) Certificate of analysis by Govt./Reputed organizations, test results, catalogues and other information of the items/products indicating its ability to meet the above mentioned specifications. Technical bids which are not conforming to the technical specifications will be disqualified.

3. Price Bid/BOQ:

In this bid, the bidder should upload his FOB prices in the format provided.

4. Validity of tender:
Tender shall be valid for our acceptance without any change in rates and NIT conditions for a period of 90 days from the date of opening the price bid.
5. Escalation/Deviation:
No escalation or deviation shall be allowed till execution of order.
6. Terms of Payment:
Sight draft or 100% payment will be made against shipping documents through Letter of Credit.
7. Delivery
The supplier needs to supply the items within 90 days after receiving the purchase order from IUAC.
8. Liquidate damages
In case of supply is delayed beyond the specified period for reason attributable to the bidder, deduction on account of liquidated damages @ 1% of the order value per week will be deducted subject to a maximum of 10% of the total work.
9. Guarantee: Minimum one year

PRICE BID/BOQ

(Price should be quoted separately)

NAME OF WORK/SUPPLY: SUPPLY OF SCROLL PUMP AND VALVES AS PER THE GIVEN SPECIFICATIONS

TENDER REFERENCE NO: IUAC/NIT/49/SRA/2018-19

NAME OF BIDDER: _____

Sl.No.	Description of items	Quantity required	Rate per Unit	Currency (USD/EURO/GBP/INR)	Total Price
1.	Scroll Pump as per the specifications	1			
2.	Right angle valve as per the specifications	1			
3.	Packing and forwarding charges, if any.				
4.	FOB charges if any.				
5.	Any other charges other than above				
6.	Total FOB price				

Name & Signature of tenderer
with Company seal