School of Physics, University of Hyderabad
Hyderabad – 500 046, INDIA

Oct 14, 2026

NOTICE INVITING QUOTATION

Ref. No. UoH/SoP/CARS-SDD-G /Prem/PUR/2026–2027/Equipment /Trolley mounted Vacuum Chamber with accessories

Dear Sir/Madam:

University of Hyderabad invites quotation for supply and installation of Trolley Mounted Vacuum Chamber with accessories as mentioned below as per Terms & Conditions of University of Hyderabad Purchase Policy. The quotations must reach to the official email of **Dr. P. Prem Kiran,** School of Physics, University of Hyderabad (email id: prem@uohyd.ac.in) **at the earliest on or before 13 Nov 2026**. The file size should be between 10-15 MB. Technical specifications of some of the critical features of the items are specified below:

S. No.	Description/Specifications	Quantity
1	SS 304 Cylindrical chamber with ports as below (Dia 700mm Length-500mm approx) CF 100 port for pumping, CF 63 port- 8 nos CF 300 port- 3 nos, CF 35 port- 4 nos KF 25 port- 2 nos KF 25 Pressure relief valve – 1 no Nuts bolts for all flanges (1 set) Base Vacuum of 1×10^{-7} Torr to be demonstrated before shipping at the vendor facility. A team from UoH will be visiting the vendor facility for Pre-Dispatch Inspection.	1
2	255-260 ltr/sec or better Turbomolecular pump with 6 m^3/h dry backing scroll pump (oil-free, hermetic) to achieve the required vacuum of the chamber & FPM sealed compact full range vacuum gauge on CF 35 with display	1
3	Frame for mounting the vacuum chamber, pumps, gauges with wheels and legs (MS Powder coated, Castor wheels, Levelling legs)	1
4	Lifter for dome. Hydraulic/Motorised lift and swivel	1
5	2D Vacuum stage with 50 mm translation (X-50 Z-50) & Rotation 360° with vacuum compatible motor and controller. The load capacity for translation stages must be ~ 100 N (Centered load), ~ 50 N (Axial load) For rotation stage the load capacity ~ 50 – 100 N (Normal load)	1
6	Copper gasket for all flanges (1 set) CF 100 1 no, CF 63 8 nos, CF 35 4 nos,	1
7	ETP copper gaskets or Teflon or Aluminium gaskets for CF 300 ports – 6 Nos	1
8	CF63 feedthrough flange of DB25 feed through to control the translation stages inside the vacuum chamber. Similar to P/N IFDGG251056X along with air side P/N FTADD25A and vacuum side PEEK P/N FTADD25 connectors.	1
9	Design, Testing & Shipping	1

All systems should be robust enough to permit shifting from one lab to another without warranting elaborate procedures for system realignment/optimization. The laboratory, where the system will be housed, may or may not be provided with air conditioning and humidity is expected to be in the range of 50%-70%. It is expected that the whole system will perform satisfactorily under such lab conditions. Dust level also cannot be controlled to classify the lab as either class 1000/10000.

Terms & Conditions:

1) Equipment offered should form a complete system. Plea that an item essentially required to form a complete operational system but not quoted since not specifically asked for in the Tender will not be accepted. An incomplete offer is liable to be rejected on that ground.
2) Bidder should be OEM of vacuum components with inhouse design and machining capability.
3) Bidder must produce certificate from Government Funded Institutions/Labs where a similar chamber with vacuum better or equal to 1×10^{-7} Torr is demonstrated.
4) The vendor must design the entire unit and submit the design along with the quotes.
5) Pre-Dispatch Inspection is essential: A team from UoH will be visiting the vendor facility for Pre-Dispatch Inspection.
6) Installation and on-site training to user, if any, should be free of cost.
7) Service support available for on-site service of equipment must be provided. Details of the service staff (for the item quoted) with the manufacturer must be provided.
8) The products quoted must be new and refurbished products will not be acceptable under any circumstances.
9) **Technical clarifications**: Technical clarifications, if any, may be sought from us through our email prem@uohyd.ac.in, before submission of the formal quotation.
10) **Prices:** Separately indicate, basic cost of individual components, taxes, duties, packing & forwarding charges, transport & Insurance charges etc. wherever applicable.
11) **Discount**: Educational discounts and concessions, if any, should be clearly indicated in the quotation. Ours is an educational institution, please quote your best lowest price.
12) **Validity:** The rates quoted should be valid for a period of 120 days from the date of opening technical bids.
13) **Payment:** Within 30 days after satisfactory supply and installation.
14) The resultant contract will be interpreted under Indian Laws.
15) Bidders are not permitted to alter or modify their bids after the deadline for receipt of bids.
16) **Delivery**: To be delivered at O/o Dr. P. Prem Kiran, School of Physics, University of Hyderabad, Gachibowli, Hyderabad – 500046, Telangana, India.
17) **Warranty/Guaranty**: Warranty details for at least ***3 years*** (5 years preferred) on the entire vacuum chamber system with accessories from the date of installation must be provided with terms & conditions of warranty. If any component of the equipment quoted is not covered by the warranty, the same must be specified.
18) The original airway bill for any/all imported items should be submitted for verification.
19) **Liquidated Damages**: The supplier shall pay to the University @ 1% of the total cost of the system/equipment/material per week of delay in delivery of the system which in no case shall exceed 5% of the total cost.
20) **The purchase policy of University of Hyderabad is applicable for the entire procurement**.

P. Prem Kiran

Dr. P. PREM KIRAN / डॉ. पि. प्रेम किरण
Professor / प्रोफेसर
School of Physics / भौतिकी संकाय
University of Hyderabad / हैदराबाद विश्वविद्यालय
Hyderabad-46. / हैदराबाद-४६. Bharat / भारत

(Dr. P. Prem Kiran)

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1	2026_UoH_854122	UoH/SoP/CARS-SDD-G / Prem/2026-2027/Vacuum Chamber	14-Oct-2026 09:55 AM	Open Tender		
2	2026_UoH_853390	UH/CPU/2026/Pharmacy-II/1877	07-Oct-2026 11:58 AM	Open Tender		
3	2026_UoH_845741	UH/CPU/Health Centre/ Pharmacy-I/2026/1752	22-Jul-2026 03:11 PM	Open Tender		
4	2026_UoH_842738	UH/CPU/2026/1701	24-Jun-2026 12:44 PM	Open Tender		
5	2026_UoH_838951	UH/Chem/Stores/2026/ Immersion Cooler-PKP/03	21-May-2026 04:19 PM	Open Tender		
6	2026_UoH_836612	UH/CPU/2026/1633	30-Apr-2026 11:55 AM	Open Tender		
7	2026_UoH_834552	UH/Chem/Stores/Centrifan/02	08-Apr-2026 12:16 PM	Open Tender		
8	2026_UoH_834461	UH/Chem/Stores/2026/ Immersion Cooler-PKP/01	07-Apr-2026 03:15 PM	Open Tender		
9	2026_UoH_834455	UH/Chem/Stores/2026/ Immersion Cooler-PKP/01	07-Apr-2026 03:01 PM	Open Tender		
10	2026_UoH_833213	UH/CPU/2026/1610	24-Mar-2026 11:08 AM	Open Tender		
11	2026_UoH_830563	UH/CPU/Chemicals Reagents,Glassware/2026/1565	26-Feb-2026 12:26 PM	Open Tender		
12	2026_UoH_828312	UH/DIA-CoE/UWD/2025-26/01	09-Feb-2026 02:18 PM	Open Tender		
13	2025_UoH_823066	UoH/SEST/VGK/DST-AMT/ HiPIMS	19-Dec-2025 06:25 PM	Open Tender		

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Cover Details (No. of Covers 1)

Cover No	Cover Type	Document Type	Description
1	Fee/PreQual/Technical/ Finance	.pdf	Trolley mounted Vacuum Chamber with accessories as described in the NIQ

NIT Documents

S.No	Document	Size (in KB)	Description
1	NIT	315.04	University of Hyderabad invites quotation for supply and installation of Trolley Mounted Vacuum Chamber with accessories as mentioned in the attched document

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