



हैदराबाद विश्वविद्यालय
University of Hyderabad

UNIVERSITY OF HYDERABAD

(A Central University established by an Act of Parliament, 1974)

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प्रतिष्ठित संस्थान
INSTITUTION OF EMINENCE
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CORRIGENDUM

Notice Inviting Tender No. UH/IoE/SoC/Upgradation of Laboratories

Tenders are invited in a sealed envelope for undertaking the work of **upgradation including supply, installation, testing and commissioning of existing chemistry laboratories** under a two-bid system from **reputed firms in INDIA** to the University of Hyderabad, Hyderabad.

*Sealed bids should reach the undersigned on or before
30th December 2022 4.00 PM*

University of Hyderabad, a premier institute engaged in teaching and research of various basic, engineering, medical and social sciences and humanities. Being one of the Institutes of Eminence (IoE) a recognition conferred by the Government of India, the University is in its path to augment its research facilities by restoring and upgrading the laboratories to facilitate the research and teaching activities of various science schools.

Important Dates

Date and Time of Publication of notice inviting tender	18-11-2022	
Date and time of Pre bid meeting at School of Chemistry, UoH	28-11-2022	11.00 AM
Last date and Time for submission of bids	30-12-2022	04.00 PM
Date of opening of sealed tenders	30-12-2022	04.30 PM
Place of Opening of Tenders	School of Chemistry, University of Hyderabad	

General Description:

The School of Chemistry, University of Hyderabad is in the process of upgrading the existing laboratory infrastructure. In this regard, the fume hoods, laboratory working spaces will be repaired and upgraded as per individual laboratory requirements. Consolidated item wise requirements are provided in the annexure 1. A pre-bid meeting is also arranged and interested firms shall confirm their participation through email to the Dean, School of Chemistry, University of Hyderabad (deansc@uohyd.ac.in). If any firm needs to have a site visit, please contact (deansc@uohyd.ac.in).

Terms & conditions

S. No.	Clause	Description
1	Reference Number	The Reference No UH/IOE/SoC/Upgradation of Laboratories of the Notice Inviting Tender dated 18-11-2022 should be clearly mentioned on all envelopes and any correspondence including e-mails with the University.
2	Mode of submission	Hand-written (manuscript) bids and bids submitted through e-mail shall not be accepted. All pages of the tender document must be signed by the authorised representatives of the bidder, in token of having accepted the terms and conditions incorporated in the tender notice.
3	Two Bid System	<p>The bids are required to be submitted in two parts as under:</p> <p><i>(i) Technical bid consisting of all technical details along with commercial terms and conditions; and</i></p> <p><i>(ii) Financial bid indicating item-wise price for the items mentioned in the technical bid.</i></p> <p>The technical bid and the financial bid should be sealed by the bidder in separate covers duly super-scribed and both these sealed covers are to be put in a bigger cover which should also be sealed and super-scribed.</p> <p>The technical bids are to be opened by the duly constituted committee at the first instance and evaluated by a duly constituted Purchase Committee. After such evaluation of technical bids, financial bids of only those firms/suppliers which are found technically suitable will be opened, for determining the lowest bid.</p>
4	Certificate from original manufacturers	If the bid is not from the original manufacturer, the suppliers/ dealers should submit an 'authorised agency certificate' from the manufacturer. Tenders received without Authorization Certificate from the original manufacturer will summarily be rejected.
5	Make and Model	The Vendor/Supplier is required to clearly mention the make, model, size and other specifications along with the unit price. Items with better specifications

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		may also be offered / quoted and the decision of the University in this regard is final. Appropriate brochures / pamphlets / literature (original and not photo copies) for each item providing full technical details must be attached to enable their verification.
6	Bidder Details	The bidder's complete correspondence address, phone numbers and e-mail ids, and website details (if any), must be clearly mentioned in the technical bid documents. (Pamphlet / Brochure depicting the profile and organisation structure may be enclosed.) The details of PAN, GSTIN, EPF, ESIC, Registered License Certificate, Labour License etc., may be mentioned and supporting documents shall be enclosed along with the technical bid.
7	Validity of bids	Prices quoted in the bid (financial bid) shall be valid for a minimum period of 120 days from the date of opening of the financial bids. No upward revision of the prices will be permitted during the said validity period.
8	Basic Price	The bidder should clearly indicate price per unit on FOR, UoH, Hyderabad basis. In respect of imported items, the prices should be quoted on the basis of CIP / CIF Hyderabad. <i>If the bidder quotes nil charges / consideration in respect of service contracts, the bid shall be treated as unresponsive and will not be considered.</i>
9	Taxes: GST & Customs Duty	The bidder should clearly indicate all applicable taxes separately for each item along with HSN Code and then arrive at a total price of all the items indicated in the Notice Inviting Tender. GST at applicable rates as per HSN code against each item. The School may increase or decrease the requirement and scope of work at the time of execution.
10	Other costs / charges	The bidder should clearly indicate all applicable other charges, if any, separately viz., transportation, packing, loading, unloading, insurance, installation, commissioning, testing, training, etc.,
11	Earnest Money Deposit (EMD) / Bid Security	The bidders should furnish bid security for Rs. 14,00,000 (Rupees Fourteen Lakhs only) along with their technical bid in the form of Account Payee Demand Draft / Banker's Cheque from any of the Commercial Banks in an acceptable form, drawn in favour of Finance Officer, University of Hyderabad, payable at Hyderabad. If the bidder furnishes a Fixed Deposit Receipt / Bank Guarantee, the same shall be issued in favour of the Finance Officer, University of Hyderabad, payable at Hyderabad and shall be valid for a period of 135 days from the date of opening

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		<p>technical bids.</p> <p>The MSE units registered with MSME and certificates obtained from NSIC under the Single Point Registration Scheme (SPRS) shall be exempted from payment of Earnest Money Deposit (EMD) on production of requisite proof in respect of valid certification from NSIC.</p>
12	Warranty	<p>The bidders should offer a minimum period of THREE years comprehensive warranty for item against S.Nos.1-10 and standard warranty for item against S.Nos.11-47 as per the annexure 1.</p> <p>The Annual Maintenance charges for subsequent years (i.e., 4th, 5th...) shall be quoted separately for consideration of the University of Hyderabad.</p>
13	Agreement	<p>An Agreement in the format prescribed by the University of Hyderabad is required to be entered into by the Suppliers or their authorised Representative with the University in respect of purchase of Goods / Services valuing Rs. 10 lakh and above, within a period of 15 days from the date of issue of Purchase Order / Work Order.</p> <p>In cases of works awarded by the University Works Department, a template of agreement finalised by the Internal Audit Office, UoH is to be adopted.</p>
14	Performance Security / Performance Bank Guarantee	<p>Successful bidder should submit a Performance Security (in all cases of purchases valuing above Rs.10 lakh in the form of Performance Bank Guarantee for an amount equivalent to 3% of the total basic price of the Goods / Services (exclusive of taxes and duties) within a period of 15 days from the date of issue of Purchase Order/ Work Order.</p> <p>Performance Security should remain valid for the entire warranty period plus additional (grace) period of 60 days, from the date of successful installation of the equipment/item.</p> <p>Performance Security shall be submitted in the form of Account Payee Demand Draft / Fixed Deposit Receipt / Banker's Cheque / Bank Guarantee from any of the Commercial Banks in an acceptable form, drawn in favour of Finance Officer, University of Hyderabad, payable at Hyderabad.</p>
15	Payment	<p>97% of the total cost will be released after delivery, satisfactory installation, commissioning, testing and training (if any), against submission of valid TAX Invoice (with HSNcode) with GSTIN number of the supplier. The remaining 3% will be released on submission of a Performance Bank Guarantee (PBG) for an equivalent amount.</p>
16	Delivery and work Location	<p>School of Chemistry, University of Hyderabad, Gachibowli, Hyderabad - 500 046, India.</p>

S. No.	Clause	Description
17	Delivery Period	The supplier should be able to complete the entire scope of work i.e. upgradation/renovation, supply the items followed by installation, testing and commissioning within 120 days from the date of issue of the purchase/work order.
18	Liquidated damages for late Delivery	In the event of delay in delivery beyond stipulated period indicated in the Purchase Order, liquidated damages @ 1% per each week of delay subject to a maximum of 5% of the cost of the order will be levied and collected by the University, by way of deduction from the payments due to the vendor/supplier.
19	Risk Purchase Clause	If the Supplier fails to deliver the ordered materials within the stipulated delivery period specified in the Purchase Order, the University may resort to procure such items and in such a manner as deemed appropriate, goods or services similar to those undelivered, and the Supplier will be liable to reimburse the University for any excess costs for such similar goods or services.
20	Right to reject	The University reserves the right to reject any or all the bids or accept a part of the quotation without assigning any reasons therefore. The decision of the University in this regard is final and binding on all the suppliers.
21	Resolution of Disputes	Any disputes arising out of this contract shall be referred to the University, and if any of the parties hereto is dissatisfied with the decision, the dispute shall be referred to the decision of the Arbitrator, who should be acceptable to both the parties, to be appointed by the Vice-Chancellor of the University. The decision of such Arbitrator shall be final and binding on both the parties.
22	Jurisdiction of Courts	Disputes, if any, arising during the course of execution of the order are to be settled within the jurisdiction of Hyderabad / Ranga Reddy District Courts only.
23	Opening of tenders / bids	<p>The bids will be opened in the office of <u>the Dean, School of Chemistry, University of Hyderabad, Hyderabad on 30-12-2022, 4.30 PM</u> as mentioned in the opening page of this tender document, in the presence of bidders or their authorised representatives.</p> <p>The authorised representative shall bring the authorisation letter and submit the same to the University before opening of bids. On failure to do so, the Representative loses the right to participate in the bid opening process.</p>
24	Delay in submission	The University will not in any way be responsible for any postal / courier delay. Bids received beyond the stipulated date and time of submission are summarily rejected. Tenders incomplete in any respect will be summarily rejected.
25	Due date of submission of bids	<p>Sealed Bids should be submitted to <u>the Dean, School of Chemistry, University of Hyderabad, Gachibowli, Hyderabad - 500 046 on or before 30-12-2022, 4.00 PM</u>.</p> <p>Bids received thereafter shall not be considered.</p>

S. No.	Clause	Description
26	Other conditions	Only those bidders whose bids have been technically found acceptable will be invited for participation in the price bid. Those bidders who do not receive any communication for participation in price bid opening meeting may presume that their bid has not been accepted by the university.

Additional Terms

Enclose undertaking

1. The firm has to guarantee technical support for the entire supply and works executed and for supply of spares for a minimum period of 10 years from the date of installation.
2. Service response time must be less than 48 hours.

Enclose a copy supporting the following.

3. During the preceding three years, the firm must have at least three installations worth of Rs.50 lakhs each or six installations worth of Rs.30 lakhs each of similar nature within India to establish that the agency/firm is capable of undertaking the work related to upgradation/renovation of chemistry laboratories.
4. During the preceding three years, the firm must have an aggregate turnover of Rs.1 crore. Audited account statements for the last three years ending 31st March 2022 should be submitted.
5. List of users with copies of installation report and contact details (address and phone number) of the users, where the similar items have been supplied or similar work have been carried out in the last three years ending 31st October 2022 should be provided.
6. A detailed compliance statement indicating point-wise response of the vendor to every item in the specifications, optional items as well as terms should be provided.
7. Price-bid should contain prices of each item mentioned in the technical bid in appropriate units of measurement.
8. Ensure mentioning.
 - a. Bank details of the beneficiary and PAN number /TAN number
 - b. Full name and address of the beneficiary on whom order has to be placed
 - c. Whether any export / import licence is required from the respective government, if so, please confirm with details - Country of origin of the goods is to be mentioned.

Conditional offer will be summarily rejected.

ANNEXURE -1

Notice Inviting Tender No. UH/IOE/SoC/Upgradation of Laboratories

REQUIREMENT

S. No	Description	Quantity	Units	Preferred make *
	Repair and upgradation of existing fume hoods in the School of Chemistry. Following/General Information: Total number of existing fume hoods requiring repair and upgradation = 126 Nos Specific requirements and approximate nos. are mentioned.			
1	Fume Hood sash door alignment (numbers)	80	Nos.	A
2	Fume Hood damage cabinet replacement (numbers)	50	Nos.	A
3	Fume Hood acid storage cabinet	115	Nos.	A
4	Fume Hood cabinet doors repair with hinges & handles	60	Nos.	A
5	Fume hood lattice	60	Nos.	A
6	Fume hood ceiling enclosure	110	Nos.	A
7	Blower (The blower motor rating /capacity should be as per site requirement)	10	Nos.	Crompton, Bajaj, Havells or equivalent
8	Duct repair & FRP coating.	50	Sq. Mtr.	A The FRP coating should match with existing or better than existing coat to bring in uniformity
9	Dampers	10	Nos.	A
10	Gas needle valves for N ₂ , Ar (two valves) per Fume Hood with fine control. (Stainless steel ¼” pipe line provisioning has to be made from side of fume hood to the fume hood as per site requirement (measurement in metres). With a terminal flexible hose to connect to gas cylinders.	252	Nos. and mts for ss provisioning	Inlet pressure 5 - 300 Psi Outlet pressure 5 - 125 Psi Preferred Make: Broen/ Water Saver or equivalent
11	Vacuum Line needle valve per Fume Hood (Stainless steel ¼” pipe line provisioning has to be made from side of fume hood to the fume hood as per site requirement (measurement in metres). The terminal near the vacuum pump should have a nipple arrangement enabling it to connect to the high vacuum pump through a flexible vacuum tube.	126	Nos. and mts for ss provisioning	Fine control valve. Preferred Make: Broen/ Water Saver or equivalent

S. No	Description	Quantity	Units	Preferred make *
12	Number of zero Air provision in workbench with valve Stainless steel ¼” pipe line provisioning has to be made from side of fume hood to the fume hood as per site requirement (measurement in metres)	40	Nos. and mts for ss provisioning	Preferred Make: Broen/ Water Saver or equivalent
13	Fume hood cabinet exhaust 50 mm duct pipe & suitable flexible hose with suitable control lever balancing the suction in the cabinet - connected to already existing duct.	110	Nos. / Mts	A
14	Spot extractor (ceiling mounted) with duct connection. To be placed above the working bench.	75	Nos.	Made in India or better
15	Fume Hood electrical Starter (1 per outgoing exhaust duct i.e. motor)	5	Nos.	A Preferred Make: Legrand / L & T / Crompton or equivalent
16	Fume Hood electrical MCB (1 per fume hood) (Also to ensure all the existing MCB's are functional and replace defective as per site conditions.) The rating of MCB should be matched with the load.	5	Nos.	A Preferred Make: Legrand / L & T / Crompton or equivalent
17	Fume Hood electrical switch & /socket. (Each fume hood should have at least six electrical sockets or as per site requirement.	110	Nos.	A Preferred Make: Legrand / L & T / Crompton or equivalent
18	Fume hood led light, circular, centrally placed inside the fume hood, if one LED light is placed or equally distributed if two LED lights are placed. The final lumens after installing LED lights should be above 2400. Rated lifetime (h) - 50000 hrs Warranty - Five years Colour temperature : 4000 K or better Lumens : 2400 or better	110	Nos.	A Preferred Make: Legrand / L & T / Crompton or equivalent
19	Lab paint (fume hood & island table & wall table, storage rack, sitting table & shelves)	~ 2500	Sq. Mts.	A
20	SS air foil / Baffle (Should be compatible with the existing fume hoods)	110	Nos.	A
21	Replacement of access panel	25	Nos.	A

S. No	Description	Quantity	Units	Preferred make *
22	<p>Air flow monitor with sensor</p> <p>Should be operational when fume hood is running, Air Velocity Range detection: 0.15 – 20.0 m/s (30-4,000 fpm)</p> <p>Velocity Repeatability: 1% (NSF 49 Requirement) with a response Time of < 1 Second.</p> <p>Adjustable Alarm Volume: 0 – 85 dB</p> <p>Whole-screen background colorization to indicate current state, augmented by flashing red LED while in alarm state</p> <p>wide operating temperature range</p> <p>Volume and tone control</p> <p>Air temperature sensing included and displayed on-screen</p> <p>Push button function</p>	126	Nos.	TEL / AFA or equivalent
23	Centre table electrical connections repair & modification (existing - 6 points) including any minor wiring.	250	Nos.	A Preferred Make: Legrand / L & T / Crompton or equivalent
24	Granite table alignment	50	Nos.	A
25	<p>Lab chair with backrest and without side arms.</p> <p>Frame Material - Stainless Steel Colour, Black and Silver, 5 Wheel, adjustable seat height (gas lift), standard height 3 Feet, SS seat with foam.</p>	230	Nos.	Made in India
26	<p>Cabinet repairs & locks installation</p> <p>(two sets of keys to be provided for each lock and each lock/key should be unique)</p>	600	Nos.	A
27	Eye washer (suitably placed near sink with retractable hose). Includes requisite plumbing as well.	40	Nos.	Broen / water Saver / NOVA or equivalent
28	Goose neck water tap single head, swivel model with lever type open/close valve in Sink without backflush control	150	Nos.	Water Saver / Broen or equivalent
29	PP sink new or replacement including the drain duct.	60	Nos.	A
30	Wall table cabinet & drawer replacement	25	Nos.	A

S. No	Description	Quantity	Units	Preferred make *
31	Sink drain repair (50 mm HDPE Pipe). The work is distributed across various locations.	100	Mts.	A
32	Peg board on top of washing sink with drain tube leading to sink or sewer pipe. With 56 number of pegs, Durable plastic	40	Nos.	Made in India
33	Wall table electrical connections with race way & 6/16 amp. The wires should be fireproof. 1.5 Sq Mm. (12 gauge) copper.	250	Nos. / Mts.	Electrical Raceway and wires in Mts. Plugs/sockets in Nos. Preferred make: Havells, Finolex or equivalent. Installation will be as per site requirement. For example, wall side or centre table.
34	Wall mount storage cabinets (600mm x 400mm x 600mm (l x d x h)) quote for with and without locks.	125	Nos.	A
35	Solvent storage cabinet with exhaust connection (750 mm x 600 mm x 2100 mm (l x d x h))	25	Nos.	Suitably placed in the laboratory The exhaust connection will be linked to the blower duct.
36	Wall exhaust fan (noise free) 400 mm	80	Nos.	Crompton Greaves / Havells / Bajaj or any equivalent make
37	Ceiling fan new requirement (noise less)	35	Nos.	Crompton Greaves / Havells / Bajaj or any equivalent make
38	LED Ceiling lights (600 x 600 mm) Rated lifetime (h) - 50000 hrs Warranty - Five years Colour temperature > 4000 K or better Lumens > 4500 or better	300	Nos.	Wipro / Philips or equivalent make
39	Storage rack with glass door/closed door (900 l x 2000 h x 350 / 400 d)	25	Nos.	A
40	Table (movable) cabinets (with 4 wheels) 740 h x 500 l x 560 d	10	Nos.	A
41	Wall table with 2 doors, 1 drawer with 20 mm granite top with electrical raceway and sockets 2 nos for each mtr.	60	Nos.	A
42	Office table glass (1800 x 900 x 6 mm-toughened glass)	12	Nos.	Made in India

* The quote should specifically indicate the make, model and other specifications as deemed fit. The prices quoted should be per unit.

A) Should be compatible/similar in quality with the existing make and model in the School of Chemistry. The models and make may vary from laboratory to laboratory within school or laboratory.