

HAZARA UNIVERSITY, MANSEHRA



CHEMICALS/GLASSWARE/EQUIPMENT/UPS TENDER DOCUMENTS 2017-2018



HAZARA UNIVERSITY, MANSEHRA
OFFICE OF THE PROCUREMENT OFFICER
Phone No. 0997-414178, Fax No. 0997-414111

1. GENERAL

- i. Any bid without 2% earnest money of the total amount will not be entertained.
- ii. Bid for supply and installation of UPS only 2% earnest money of option No-3 of bill of quantity (BOQ) should be attached.
- iii. Conditional/incomplete/overwritten bid will not be entertained.
- iv. The prices quoted must be valid for at least 90 days from the date of tender opening for the evaluation of tender.
- v. The successful bidders will be required to supply the items up-to the end of financial year 2017-2018. The bid can be extended for further period as per KPPRA rules, if both the parties agree.
- vi. Telephonic/telexed/faxed/telegraphic quotations will not be entertained.
- vii. The bid must accompany the following:
 - a. Firm Registration Certificate with the Federal/Provincial Government.
 - b. National Tax Number
 - c. Sales Tax Registration Certificate Number.
 - d. Certificate to the effect that they have never been blacklisted by any Government/ Semi Government Organization.
 - e. Dealership Certificate from original manufacturer for Pakistan (where required)
 - f. All bids must be properly sealed and delivered through mail.
 - g. The provision of quoted rate in soft form is also required.

2. SCOPE OF SUPPLY

The bidder shall supply the items according to the prescribed specifications. Any deviation will cause rejection of the supply order.

3. BID PRICE

The bidder shall indicate in his offer, list of items with prescribed specifications, the unit price and total bid prices of the items. Taxes levied by the Government, if any, shall be recoverable from the bidder as per rules.

4. CURRENCY OF BID

The Price should be quoted in Pakistani Rupees.

5. BID VALIDITY

The bid should remain valid and open for acceptance of purchase for CFY 2017-18 from the date of opening of bids

6. BIDS PROPOSAL

The bid should comprise a single package containing two separate envelopes. Each envelop should contain separately the financial proposal and technical proposal. The envelopes shall be marked as “FINANCIAL PROPOSAL” and “TECHNICAL PROPOSAL" in bold letters. Initially the technical proposal will be opened whereas the financial proposal will be retained in the custody without being opened.

The committee will evaluate the technical proposals. The Technical proposal not confirming to the requirements of the university will be rejected, the financial proposal of bids found technically non-responsive will be returned un-opened to the respective bidders. Financial proposals of the technically responsive bids will be opened publicly at the time, date and venue which will be communicated well in time to the respective bidders.

The above stated standard evaluation criteria will be binding upon the bidders and will have no liability, on the University.

8. DEADLINE FOR SUBMISSION OF BIDS

All bids must reach and be received by the University on or before the prescribed deadline at 10.00 hours. The bids will be opened at 11.00 hours on the same day in the conference room, Hazara University in presence of the bidders or their authorized representatives, who wish to be present.

9. LATE BIDS

Any bid received in the university after the prescribed deadline shall not be entertained.

10. UNIVERSITY’S RIGHT TO ACCEPT OR REJECT ANY OR ALL BIDS

The University reserves the right to accept or reject any or all tenders fully or partially without assigning any reason whatsoever.

11. CANVASSING

Unsolicited advice / clarifications and any personal approached at any stage of evaluations of bids are strictly prohibited and may lead to disqualification.

12. DELIVERY

The bidders shall make delivery of the items within 30 days from date of issuance of supply order and for UPS delivery time is 15 days from the date of issuance of supply order. A penalty of 2% of the item price per day subject to the maximum of 10% may be charged after expiry of the delivery time till the supply of the items. The delivery of items, their installation, testing and commissioning, shall be made at Hazara University Mansehra by the suppliers, at their own expense, and transportation arrangements. .

13. MODE OF PAYMENT

No advance payment will be made as per Government rules. 90% of gross bill payment will be made to the supplier after inspection of supplied items by a committee of experts constituted by the University after the successful and complete supply, installation and functioning of the items. The remaining 10% will be kept as performance guarantee where applicable for one year and will be released after one year from the date of satisfactory supply of items.

14. PRICE

The price of items will be inclusive of transportation and all taxes etc. No separate payment will be made by the University on this account.

15. TAXES

All Government taxes shall be deducted at source according to the relevant rules.

16. ARBITRATION

The decision of the University in all relevant matters will be final and unchallengeable in any court of law anywhere.

SPECIAL CONDITIONS OF THE CONTRACT

1. Inspection of Equipments/materials.

All Equipments/Glassware shall be subject to inspection and shall be approved by Hazara University Purchase committee/Technical Committee before the same are fabricated or installed in position. The committee may reject such materials as are considered by him to be below standard specifications, size or quality. The Contractor shall provide all labour at his own

expense for handling during inspection. Any materials rejected by the committee shall not be used and shall be removed from site by the Contractor.

2. **Work to be opened for inspection.**

All supply/works under or during the course of execution in pursuance of the Contractor, whether at site or at Contractor's workshop shall, all times, be opened for inspection and supervision of the Hazara University Purchase committee/Technical Committee at all times during the usual working hours, the contractor should either himself be present to receive the instructions or any responsible agent duly accredited in writing, present for this purpose. Instructions given to the Contractor's agent should be considered to have the same force as if these had been given to the Contractor himself.

3. **Responsibility against damages**

Before and up to the whole of the Supply/works are completed and have been finally handed over to the University and a proper completion certificate thereof obtained by the Contractor, the Contractor shall be responsible for all and any damage caused to the materials or installed works/equipments thorough accident, improper handling, transport or any other cause whatsoever and shall repair, remove or replace the same and compensate the University against all such losses.

4. **Specifications**

The work shall comply to the requirement/ specification laid down in the B.O.Q of the tender. Quality of each item should be supreme quality.

6. **Laboratory Test**

The Hazara University Purchase committee/Technical Committee has the power to order for conducting Equipments/material quality assurance test which he deems necessary and cost of such tests will be borne by the contractor. No claim in this regard will be entertained for payment.

7. For supply, installation, testing and commissioning of ups for server Genuine Principal's Authorization letter will be provided by the bidder regarding sole / official partner for sales and support services in Pakistan, which may be verified by the committee.
8. Smuggled, grey channel, refurbished and non-warranty UPS will not be accepted in any case.
9. Warranty period for UPS / Batteries is one year, preference will be given to the bidder offering extended warranty.
10. A complete data sheet showing operating voltage range etc must be attached in the technical bid for comparison of technical data.
11. Total number of batteries with each option having rating in AH must be mentioned with each option. Preference will be given to the bidder offering maximum batteries.

This information Must be kept in Technical proposal Envelop

To be filled by the bidders.

1. Name of bidders: -----

2. Address: -----

3. Phone: ----- Mobile -----

4. Fax No. ----- E-mail: -----

5. NIC Tax No. ----- Sales Tax No.: -----

6. Branches (if any):

i. -----

ii. -----

iii. -----

7. Type of Business:

i. -----

ii. -----

iii. -----

8. Facilities:

i. List of technical staff with qualification and experience

ii. Authorization of distribution / dealership -----

iii. Any other: -----

9. Previous Experience (name of organization where said or like equipment supplied/installed/
commissioned):

i.----- ii.-----

iii.----- iv.-----

v. ----- vi. -----

vii.----- viii. -----

Please enclose any supporting document

Name and signature: - ----- Date: -----

Seal:

1. EQUIPMENTS

S.#	Name of Equipment	Specifications	Qty	Price/Remarks
01	Vacuum Pump	<p>Specifications should be:</p> <p>Features:</p> <ul style="list-style-type: none"> • Chemically resistant vacuum pump • Very low noise emission, ideal for lab use. • Speed controlled. • Low level detection of receiving flask (optional) • Flow rate of 1.8 m³/h& vacuum of 5 mbar. • Seamless plug & play integration into R-300. <p>Technical Specifications Vacuum Pump</p> <p>Dimensions (WxHxD) Instrument V-300, silencer: Shipping box without secondary assembly: Shipping box with secondary assembly: Suction capacity: Number of steps (heads): Final vacuum (absolute): 5 mbar ± 2 mbar Connections: Power consumption: 180 W Power consumption, energy saving mode (80 %): 95 W Power consumption, energy saving mode (50 %): 60 W Connection voltage: 100 – 240 V, 50/60 Hz Nominal speed: n Sound level: 32–57 dBA</p> <p style="text-align: right;">OR Equivalent</p>	01	

02	<p>Rotavapor with Manual lift & water bath</p>	<p>Rotary Technical data</p> <p>Instrument Dimension (WxHxD): 400 x 615 x 320 mm</p> <p>Shipping box Dimension (WxHxD): 700 x 605 x 590 mm</p> <p>Weight: 13.5 kg (electronic lift) 13.0 kg (manual lift)</p> <p>Connection voltage: 100 – 240 VAC Power consumption: 100 W Frequency: 50/60 Hz Immersion angle adjustable: 40 ° Stroke distance: 220 mm End stop position adjustment range: 170 mm (electronic lift) 100 mm (manual lift) Rotation speed: 10 – 280 rpm Maximum flask load: 3 kg</p> <p>Water bath specification</p> <p>Dimension (WxHxD): 307 x 202 x 275 mm Weight: 4.2 kg Operation voltage (according to order code): 100 – 120 V 220 – 240 V Frequency: 50 – 60 Hz Power consumption: 1500 W Heating Power: 1300 W Maximum flask size: 5000 mL Heating media: water / oil</p> <p>OR Equivalent</p>	01	
03	<p>Recirculating Chiller</p>	<p>Specifications should be:</p> <p>Features:</p> <p>Cooling range: From -10°C to 25°C</p> <p>Sufficient cooling for: One Rotavapor at 10°C, one Multivapor at 10°C, one Soxhlet Extraction unit, one Kjeldahl system</p> <p>Integration with vacuum controller: Complete integration with Buchi evaporators and vacuum controllers promotes higher efficiency.</p> <p>Display: Digital display; resolution 0.1 K</p> <p>Energy conservation: This reduces heat emissions to an absolute minimum.</p> <p>Technical Specifications F-105</p> <p>Voltage: 50/60Hz</p> <p>Temperature range: -10°C to 25°C</p> <p>Working range: 5°C to 25°C</p>	01	

		Coolant: Pump capacity: Power consumption: max. 850 W Cooling capacity: 500 W at 15°C W x H x D (cm): 28 x 40 x 50 Ambient temperature: 15°C to 32°C Tank volume: 3 liter Weight: 29 kg OR Equivalent		
04	Aspirator for Rotavapor	General description Safely aspirates corrosive and volatile solvents without cold or chemical traps. Vapors are condensed and diluted in an internal 19 L PP reservoir for easy disposal. Maximum pump speed of 19 L/min at 20°C achieves a vacuum of 23.3 mbar (2338 Pa) at a water temperature of 20°C. Pumping method is pressed recirculation by water-jet pump. Use with rotary evaporators, distillation or filtration apparatus, and electrophoresis gel driers. OR Equivalent	01	
05	UV Hand Lamps	Specification Should be: <ul style="list-style-type: none"> • Power supply: 230 V / 50 W. • Plastic-coated light metal casing. • Mains operation 220 V (other voltages on request). • Short wave (254 nm) or long wave (366 nm). • Multiple waves with switch for required wavelength. • Stand is optionally available. OR Equivalent	01	
06	Water distillation plant	Specifications Should be: <ul style="list-style-type: none"> <> Compact construction suitable for bench and wall mounting. <> Distillate Output: 4liters (\pm 1 liter) per hour single distilled. <> Power supply requirement: 220/240V, 50/60 Hz, Single Phase or Equivalent		
07	Hot Plate with Magnetic Stirrer	Technical Data: Stirring quantity (H ₂ O): 20 l Motor rating input / output: 16 / 9 W Speed display: digital Speed range: 50 to 1500 min ⁻¹ Max. magnetic bar (L x Ø): 80 x 10 mm Temperature display: digital	01	

		Heat output: 600 W Temperature range: RT to 310 °C Setting accuracy: ± 1 K Adjustable safety circuit: 50 to 360 °C Control accuracy with sensor: PT 1000 / ± 1 K ETS-D5 / ± 0.5 K Plate Ø: aluminium alloy, 135 mm Dimensions (W x D x H): 160 x 270 x 85 mm Protection class acc. to DIN EN 60529: IP 42 OR Equivalent		
08	Analytical balance	Technical Data: Dimensions of weighing plate: Ø 91 mm Overall dimensions (W x D x H): 210 x 340 x 325 mm Weighing space (W x D x H): 174 x 162 x 227 mm Permissible ambient temperature: 10 to 30 °C Reproducibility: 0.2 mg Linearity: ± 0.3 mg OR Equivalent	01	
09	Refrigerator for lab chemicals	Guaranteed compressor High energy efficiency Digital display Dual cooling Inverter compressor Capacity 611 L OR Equivalent	01	

2. CHEMICALS

S. No.	Name of Equipment	Qty	Price/Remarks
1	2-Mercapto-5-nitrobenzimidazole		
2	5-Methoxy-2-benzimidazolethiol		
3	Acetic anhydride		
4	Sulfuric acid		
5	Glacial Acetic acid		
6	2-Nitrobenzenesulfonyl chloride		
7	4-Nitrobenzenesulfonyl chloride		
8	2-Methyl-5-nitrobenzenesulfonyl chloride		
9	3-Nitrobenzenesulfonyl chloride		
10	2-Chloro-5-Nitrobenzenesulfonyl Chloride		
11	3,5-Dichloro-2-hydroxybenzenesulfonyl chloride		
12	4-Hydroxybenzenesulfonyl chloride		
13	6-Chloro-2-hydroxy-1H-benzimidazole-5-		

	sulfonyl chloride		
14	2-Hydroxy-6-methyl-1H-benzimidazole-5-sulfonyl chloride		
15	Polystyrene sulfonyl chloride		
16	2-Nitrobenzenesulfonyl chloride		
17	4-Nitrobenzenesulfonyl chloride		
18	2-Methyl-5-nitrobenzenesulfonyl chloride		
20	2-Methoxy-4-nitrophenyl isothiocyanates		
21	4-Fluorophenyl isothiocyanates		
22	2-Methoxy-5-methylphenyl isothiocyanates		
23	Phenyl isothiocyanate		
24	2,6-Difluorophenyl isothiocyanates		
25	4-Hydroxybenzyl isothiocyanates		
26	3-Nitrophenyl isothiocyanate		
27	3-Carboxyphenyl isothiocyanate		
28	Tetrahydrofurfuryl isothiocyanate		
29	4-(Ethoxycarbonyl)phenyl isothiocyanate		
30	4-Methyl-2-nitrophenyl isothiocyanate		
31	Benzoyl chloride		
32	4-(Dimethylamino)benzoyl chloride		
33	4-(Methylthio)benzoyl chloride		
34	4-(2-thienyl)benzoyl chloride		
35	4-(4-Morpholinylsulfonyl)benzoyl chloride		
36	4-(1,2,3-thiadiazol-4-yl)benzoyl chloride		
37	4-(1H-Pyrazol-1-yl)benzoyl chloride		
38	4-Nitrobenzoyl chloride		
39	3-Chlorobenzoyl chloride		
40	3-Nitrobenzoyl chloride		
41	4-Bromobenzoyl chloride		
42	3,5-Dinitrobenzoyl chloride		
43	2-Bromobenzoyl chloride		
44	3-Bromobenzoyl chloride		
45	2,4-Dimethoxybenzoyl chloride		
46	4-Methyl-3-nitrobenzoyl chloride		
47	4-Ethylbenzoyl chloride		
48	4-Chloro-3-nitrophenyl isothiocyanate		
49	4-Methoxy-2-nitrophenyl isothiocyanate		
50	3-(4-Morpholinyl)propyl isothiocyanate		
51	2,4-Dinitrophenyl thiocyanate		
57	Acetyl bromide		

3. GLASSWARE

S.No.	Name of Equipment	Quantity	Price
1	Round bottom flask; 50 ml; 20x		
2	Round bottom two neck flask; 100 ml; 5x		
3	Round bottom flask; 100 ml; 20x		
4	Reflux condenser; 5x		
5	Adapter; 20x		
6	Capillary tubes; 5 packets		
7	Conical flask; 100 ml; 10x		
8	Round bottom flask stands; 6x Round bottom flask supporter 20x		
9	Buchner flask 250 mL 6x		
10	<i>Miscellaneous glassware</i>		
Preference will be given to high quality glassware			

4. SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF UPS FOR SERVER

S. No	Option	Description	Unit Price
01	Option-I	6 KVA/ 4.8 KWATT true online double conversion pure sine wave single phase AC voltage operated frequency 50hz imported having European origin or equivalent having standard backup, with proper box for batteries	
02	Option-II	6 KVA/ 4.8 KWATT true online double conversion pure sine wave single phase AC voltage operated frequency 50hz imported having European origin or equivalent with one hour backup at 70% load with proper box for batteries	
03	Option-III	6 KVA/ 4.8 KWATT true online double conversion pure sine wave single phase AC voltage operated frequency 50hz imported having European origin or equivalent with three hours backup at 70% load with proper box for batteries	