



Purchase & Store Department
Liaquat University of Medical & Health Sciences,
Jamshoro.

Phone # 022-9213350
Exch. 022-2771240, Ext. 122
Issued to:

Issued to:

Requirement of Items for Water Testing & Surveillance
Laboratory, LUMHS, Jamshoro.

Terms & Condition

1. Supplier will have to quote their rates against each category separately.
2. Supplier will have to provide call deposit at the cost of 5% of bid amount which ever is higher in the favor of Liaquat University of Medical & Health Sciences, Jamshoro, in case of failure the tender document will not be entertained (Total Amount of call deposit will be re-fixed at 5% at the time supply order).
3. Income tax at deductible as per Government Rules applicable.
4. Before supply of the material (in case supply order is issued) samples will have to be approved by the concerned Department.
5. Quantity of any time can be increased / decreased or even deleted at any time.
6. The Supplier will have to produce evidence in respect of their registration with Income Tax and Sales Tax Department.
7. In case of failure on the part of supplier to supply the material as per specification or within the stipulated time without getting extension, penalty of 3% of the supply order per month or part thereof up to maximum limit of 10% will be imposed on the supplier.



Purchase & Store Department
Liaquat University of Medical & Health Sciences,
Jamshoro.

8. The Successful bidders will be bound to supply the Items / Equipments / Carry out job work within specific period given in the supply order, failing which his earnest money shall be forfeited.
9. The rates should be given the GST & Income Tax inclusive.
10. Dealers should mentioned the make and Model of items.
11. Tender with any cutting, over writing and erasures shall not be accepted.
12. Samples of every items for which the rates quoted should be produced physically before Central Purchase Committee at the time of opening of Tender, otherwise the Committee reserve the right to reject the offer.
13. All those contractors who have been blacklisted by any Government Department shall not issued Tender documents.
14. Contractors must produce eligibility as per PPRA rules in case of non-production of eligibility Tender forms will not be issued.
15. Conditional Tenders will not be accepted.
16. Payment will be made on availability of funds, if delayed due to any reason, no extra interest / mark-up will be accepted / paid.
17. Rejected consignment shall be returned back to dealers / suppliers at their own cost.

Purchase & Store Officer,
LUMHS, Jamshoro.

abide my self of the terms and
Condition.

Name of Firms & Signature
With stamp



Purchase & Store Department
Liaquat University of Medical & Health Sciences,
Jamshoro.

**Requirement of Items for Water Testing & Surveillance
Laboratory, LUMHS, Jamshoro.**

*(Bill of Quantity will be informed lateron)
(Such quantity can be Reduced / Increased at any time)*

S.#	Name of Item / Description	Unit	Price	Rate of Items
1-	<p><u>Flam Photometer to estimate minerals (Na, Ca, K,Mg).</u></p> <p>Range for Laboratory Research: 0.0ppm to Maximum Limit of Detection of Na, K, Mg, Ca, Ba, Li Reproducibility: Flame failure safety system Electronic Ignition Fine & Coarse Sensitivity Control</p>	1	No.	
2-	<p>Multi functional fluoride meter.</p> <p>1.Fluoride Electrode With TISAB SOLUTION FOR FLUORIDE DETECTION.</p> <p>2.DO Concentration Range 0.00 to 20.0 mg/L Resolution 0.01, 0.1 mg/L Relative Accuracy ± 0.1 mg/L up to 8 mg/L;± 0.2 mg/L from 8 to 20 mg/L % Saturation Range 0.0 to 200% Resolution 0.1, 1% Relative Accuracy $\pm 2\%$ Barometric Pressure Correction 450 to 850 mm Hg, automatic or manual Calibration Features Water saturated air, air saturated water, manual (Winkler) and zero point Probe Type RDO optical</p> <p>3.Temperature (with RDO probe)</p>	1	No.	



Purchase & Store Department
Liaquat University of Medical & Health Sciences,
Jamshoro.

	<p>Range 0 to 50 °C Resolution 0.1 °C Relative Accuracy ± 0.3 °C</p> <p>4.pH Range -2.000 to 19.999 Resolution 0.1, 0.01, 0.001 Relative Accuracy ± 0.002</p> <p>5.mV, Rel mV, ORP Range ± 1999.9 mV Resolution 0.1 mV Relative Accuracy ± 0.2 mV or 0.05% of rdg, whichever is greater</p> <p>6. Temperature (when RDO probe is not used) Range -5 to 105 °C Resolution 0.1 up to 99.9 °C, 1.0 over 99.9 °C Relative Accuracy ± 0.1 °C</p> <p>7. Conductivity Range 0.000 to 3000 mS/cm, auto resolution, cell constant dependent Resolution 4 significant digits down to 0.001 μS/cm, cell constant dependent Relative Accuracy 0.5 % ± 1 digit or 0.01 μS/cm, whichever is greater Cell Constants 0.001 to 199.9 cm⁻¹</p> <p>8. Resistivity Range 0.0001 to 100 Megohm Resolution Automatic Relative Accuracy 0.5 % ± 1 digit</p> <p>9. Salinity Range 0.1 to 80 ppt NaCl equivalent, 0.1 to 42 ppt practical salinity Resolution 0.1ppt Relative Accuracy $\pm 0.1 \pm 1$ digit</p> <p>10. TDS Range 0 to 19999 mg/L Resolution 1 mg/L Relative Accuracy $\pm 0.5\% \pm 1$ digit</p>		
3-	Oven 0 to 250C°	1	No.



Purchase & Store Department
Liaquat University of Medical & Health Sciences,
Jamshoro.

Specification:			
Capacity : 56 litres. Heater : 1.5 kW. Temperature range : Ambient + 50 C to 250 C. Temperature accuracy : ± 1.0 C. Temperature uniformity : ± 3.0 C at 120 C. Convection: Natural convection. Controller : PID Multi-Function controller, alarm, auto tuning. Timer : Automatic timer 0-99 min., 99 hr, continuous. Inner material : Stainless steel (SUS304). Outer material : Steel with epoxy powder coating. Shelves : Adjustable 2 or 3 shelves. Insulation : Glass wool. Electric supply : 110 V 60 Hz or 220 V 50/60 Hz with solid schuko plug exclusive over temperature protector, power breaker. Dimension (IN) : 400 x 350 x 400, (OUT) 545 x 500 x 770 (WxDxH) mm.			

NOTE: No China made only European made.

- Stabilizer with all equipments along with other accessories.

Name of Firm & Signature with Stamp

Purchase & Store Officer



Purchase & Store Department
Liaquat University of Medical & Health Sciences,
Jamshoro.

No. LUMHS/Main/Central Store/-

Dated:

Notice Inviting Tender

**Supply of Items for Water Testing & Surveillance Laboratory,
LUMHS, Jamshoro.**

Tender are invited under sealed cover from authorized Dealers / Distributors for Supply of Documentary Film for Liaquat University of Medical and Health Sciences, Jamshoro according PPRA rules -2010.

S.No.	Name of Items / Description	Prescribed tender proforma along with terms & Conditions can be downloaded / obtained with effect from 22 nd August, 2011.	Date of opening tender bid on 13 th September, 2011.
01.	i) Flam Photometer to estimate minerals (Na, Ca, K,Mg). ii) Multi functional fluoride meter. iii) Oven 0 to 250C°		

NOTE:-

Specifications are mentioned in the tender documents.

Prescribed tender proforma along with terms & conditions can be obtained personally from Purchase & Store Officer / download from Website www.lumhs.edu.pk on payment of Rs. 500/= (Rupees five hundred only) in the shape of Pay Order / D.D (Non-refundable) in favour of Vice Chancellor Liaquat University of Medical & Health Sciences, Jamshoro attached with tender form within Due Date.

- 1) Latest Income Certificate (NTN).
- 2) Valid GST Registration Certificate
- 3) Certified copy of Authorized dealership certificate.



Purchase & Store Department
Liaquat University of Medical & Health Sciences,
Jamshoro.

- The bidding shall be on single stage two envelope procedures, 1st envelope should contain **Technical Proposals** only & be clearly marked technical proposals.
- Second envelope should contain **Financial Proposals** (rates) alongwith the earnest money, 5% of quoted rates whichever is lower in the shape of pay order / demand draft (refundable to un-successful bidders) the envelope be clearly marked as financial proposals.
- Both envelope should be sealed separately and placed in the third envelope. The name of the bidder be clearly marked on all envelopes.

Tender should be dropped in the Tender Box kept in the office of Registrar / Chairman Central Purchase Committee, LUMHS, Jamshoro before 11:00AM on **13th September, 2011.**

The Technical Proposals of the bids shall be opened publicly at 11:30 AM on same day in the presence of bidders or their nominated representative, who wish to attend.

After the evaluation & approval of the technical proposal on the basis of the documents drawings, feature of the machine described in the catalogue and instrumentations, the LUMHS shall at a time within the bid validity of minimum of 120 days publicly opened the financial proposals of the technically accepted bids only on the date and time communicated later by this university to the technically approved bidders. The financial proposals of bids found technically non-acceptable shall be returned without opening Financial Proposals to the respective bidders.

The Central Purchase Committee may cancel / delete any item or decrease or increase quantity as per requirement. Tenderer who do not fulfill the terms & conditions will not be entertained. The Procuring Agency may reject any or all Bids subject to relevant provisions of PPRA Rules.

Government notified black listed firms /suppliers shall not be entertained. In case of Unscheduled Holiday, Tenders will be opened on the Next Working Day.

**Registrar / Chairman
Central Purchase Committee
LUMHS, Jamshoro.**