



NOTICE INVITING TENDERS

Mehran University invites sealed tenders for procurement of **Chemicals, Glassware and Equipments (COD reactor and BOD measurement system)** from manufactures / general order suppliers, who have not been black listed by any procuring authority/ agency of the country and are tax payers and having valid registration of Income/ Sales tax with Federal Board of Revenue.

Blank tenders may be obtained on the payment of Rs. 1,000 (non-refundable) only through Challan (deposited in HBL Mehran University, Jamshoro Booth) from Purchase Section up to **12-10-2011 till 12-00 Noon**. The sealed tenders will be received back at 12-30 pm and opened at 12-30 pm on the same date by the relevant committee in presence of Bidders or their authorized representative who wish to be present. Eligibility conditions for intending participants are as under:

01. The bidders should submit valid Income Tax/ Sales Tax registration certificates and copy of C.N.I.C.
02. The bidders should submit 2% earnest money of the bid amount in shape of call deposit in favor of the Director Finance, Mehran University of Engineering & Technology, Jamshoro.
03. The bidders should submit affidavit to the effect that the firm / contractor have not been black listed previously by any executing/ procuring agency and all documents / particulars / information furnished are true & correct.
04. Taxes including Income tax/ sales tax, stamp duty will be recovered as per rules.
05. The Procuring Agency may reject all or any bids subject to relevant provisions of PPRA Rules.

M. A. M. Khan

Director Finance
Mehran University of Engineering
& Technology, Jamshoro

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M. A. M. Khan
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SPPRA INWARD
No. 2479
Dated: 24/9/11
Sindh Public Procurement
Regulatory Authority Govt. of Sindh

A copy is forwarded with compliments to :-

01. The Secretary Information Technology Government of Sindh, 1st Floor Sindh Secretariat No: 6, Karachi along with soft / hard copy of N.I.T for favor of information and placing them on the website of Sindh Government.
02. The Director (CB), Government of Sindh Public Procurement Regularly Authority, Services, General Administration & Coordination Department Karachi along with hard copy of N.I.T (soft already send by email at manager.cb@pprasindh.gov.pk) for favor of information and placing them on the website. It is stated that the estimated cost of the tender is below 1 Million.
03. The Administrator, ICPC, MUET, Jamshoro with the request to place the same on University's web site immediately.
04. Copy to notice Board.



Director Finance
Mehran University of Engineering
& Technology, Jamshoro

**MEHRAN UNIVERSITY of ENGINEERING &
TECHNOLOGY, JAMSHORO.**

List of Chemicals, Glassware and Equipments

Glassware						
S.No	Type of glass ware	Size (Capacity)	Quantity	Manufactur -er	Unit	Amount
1.	Condensers	NS 24/29 250mm	12			
2.	Round Bottom flask	NS 24/29 250mL	12			
3.	Round Bottom flask	NS 24/29 100mL	6			
4.	Measuring Cylinder	(10 ml)	10			
		(50 ml)	5			
		(100 ml)	5			
		(500 ml)	2			
		(1000 ml)	2			
5.	Beakers	(25 ml)	10			
		(50 ml)	10			
		(100 ml)	10			
6.	Conical flask	(100 ml)	10			
		(250 ml)	10			
7.	BOD Bottles	(300 ml)	24			
8.	Culture tube	(15X100 mm)	100			
9.	Test Tubes	(12X100mm)	50			
		(16X150mm)	50			
10.	Burette	(25 ml)	5			
		(50 ml)	5			
11.	Pipette Filler (Wheel type)		10			
	Pipette Filler (Rubber type)		10			
12.	Pipette	(1 ml)	5			
		(2 ml)	5			
		(5 ml)	5			
		(10 ml)	5			
13.	Micro pipette	variable volume				
14.	Measuring jug Plastic	250 ml	5			
		500 ml	5			
		1000 ml	5			
15	Filter Paper 45 micron	100 No.				
16	Lab Hand gloves	100 No.				

Equipments					
S.No	Type of Equipment	Size (Capacity)	Quantity	Manufacturer	Amount
1	COD reactor complete set with Electro photometer with varying temperature (100, 120 and 150 °C)				
2	BOD Measurement System complete unit with 6 sensor heads and control unit with batteries - Inductive stirring unit with power supply - 6 sample bottles - 6 rubber gaskets - 6 magnetic stirring rods - 1 overflow flask, 157 ml - 1 overflow flask, 428 ml - 1 bottle, 50 ml potassium hydroxide solution - 1 bottle, 50 ml nitrification inhibitor solution - Instruction manual - Test set, BOD CM test tablets, box with 8 tablets - Data transfer cable				

DIRECTOR, IEEM

S.No	Chemical/Reagent	Name of Chemical	Quant.	Manufac - turer	Rate in Rs.	Unit	Amount in Rs
1	$K_2H_2PO_4$	Potassium dihydrogen Phosphate	1kg				
2	$Na_2HPO_4 \cdot 7H_2O$	Sodium Monohydrogen Phosphate heptahydrate	1kg				
3	NH_4Cl	Ammonium chloride	1kg				
4	$MgSO_4 \cdot 7H_2O$	Magnesium Sulfate Heptahydrate	1kg				
5	$CaCl_2$	Calcium Chloride	1kg				
6	$FeCl_3 \cdot 6H_2O$	Ferric Chloride	1kg				
7	$NaOH$	Sodium Hydroxide	1kg				
8	$C_6H_{12}O_6$	Glucose	1kg				
9	$C_5H_9NO_4$	Glutamic acid	50gm				
10	$K_2Cr_2O_7$	Potassium dichromate cryst.	1 kg				
11	H_2SO_4	Sulfuric acid (98% concentrated)	5L				
12	Ag_2SO_4	Silver Sulfate	50 gm				
13	$FeSO_4 \cdot 7H_2O$	Ferrous sulphate heptahydrate	1 Kg				
14	$C_{12}H_8N_2 \cdot H_2O$	Ferrioin indicator(Phenonthroline monohydrate)	10gm				
15	$Fe(NH_4)_2 (SO_4)_2 \cdot 6H_2O$	Ferrous Ammonium Sulfate	1kg				
16	$HgSO_4$	Mercuric sulphate	100gm				
17	H_3NSO_3	Sulfamic acid (To eliminate interference of nitrites)	1kg				
18	$HOOC C_6H_4 COOK$	Potassium Hydrogen Phthalate (KHP Standard)	500gm				
19	$NaCl$	Sodium chloride	1kg				
20	$C_{23}H_{26}N_2O_4)_2 \cdot H_2SO_4 \cdot 7H_2O$	Brucine Sulfate	5gm				
21	$NH_2C_6H_4SO_3H \cdot H_2O$	Sulfanilic acid	500gm				
22	HCl	Hydrochloric acid	2.5L				
23	$CHCl_3$	chloroform	2.5L				
24	CH_3COOH	Acetic acid	2.5L				
25	Na_2SO_4	Sodium Sulfate	1kg				

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