Inquiry Form

D. No. 74 /Poly.

OFFICE OF THE PRINCIPAL
UNIVERSITY POLYTECHNIC
A.M.U., ALIGARH

Dated: 28-09-2013

Dear Sirs,

Sealed quotations/tenders are invited for the following articles on the terms and conditions printed over-leaf.

Quotation should reach this office on or before 19-10-2013 by 1:30 p.m. positively.

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Approx. quantity</th>
<th>Name of Equipment</th>
<th>Specifications</th>
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</table>
| 01.    | 01 No.          | Rotameter calibration Test Rig with Venturimeter & Orificemeter attachments | 1) Sump tank with flow - 1000 mm x 1000 mm x 300 mm  
2) Measuring tank - 400 mm x 600 mm x 250 mm  
3) Mercury Manometers (Differential) (atleast 01)  
4) Each line provided with flow control value for setting of different flow rates.  
5) Pressure tubes of different pipe lines connected to common manometer through cocks.  
6) Easy to operate and replacement of Venturimeter & Orificemeter.  
7) Flow control value at the end of each line.  
8) 0.5 H.P. Motor Pump for recirculation. |
| 02.    | 01 No.          | Bernoulli’s Apparatus                           | 1) 02 Tanks of suitable size approx. 150 mm x 150 mm x 600 mm mounted on stand.  
2) Flow channel of variable depth of 750 mm length made out of perplex sheets connecting two tanks.  
3) Piezometer tubes atleast 14 No. equispaced.  
4) Measuring tank of size 600 mm x 400 mm x 300 mm.  
5) Stop watch.  
6) Sump tank of size 1250 mm x 600 mm x 300mm.  
7) Suitable pump for recirculation. |
| 03. 01 No. | **Reynolds's Apparatus (Flow transition Visualization Apparatus)** | (1) Storage tank with flow - 400 mm x 400 mm x 700 mm  
(2) Measuring Flask - 1 ltr.  
(3) Dye bottle tank - 170 mm x 170 x 300 mm long  
(4) Transparent tube - 1 meter long with 25 mm I.D.  
(5) Stand to mount glass tube  
(6) Potassium Paramagnet provided as dye.  
(7) Sump Tank for Recirculation - 1250 mm x 600 mm x 300 mm  
(8) Pump for recirculation |
|---|---|---|
| 04. 01 No. | **1 H.P. Centrifugal Pump Test Rig (Rated Speed Type With A.C. Motor)** | 1) Centrifugal Pump – 1HP with AC motor & Pulley Type  
2) Sump tank - 1000 x 700 x 300 m height,  
3) Measuring tank - 600 x 400 x 250 mm height.  
**MEASUREMENT & CONTROLS:**  
a) Energy meter.  
b) Pressure and vacuum gauges.  
c) Stop clock.  
d) Adequate turn pipes and control arrangement |
| 05. 01 No. | **Reciprocating Pump Test Rig (Variable Speed)** | 1) Reciprocating pump set suitable for pump test at variable speeds size 1/2" x 3/4" to discharge 220 GPH at 40 m. head (approx.)  
2) Electric motor of capacity 1 HP D.C. three phase at 440 V  
3) Drive from the motor to pump given by a variable reduction pulley belt drive  
4) Pressure gauge, Vacuum gauge, foot valve,  
5) Energy meter, Switch, starter, and stop watch.  
6) Measuring tank of size 600 mm x 400 mm x 250 mm with scale Fitting and 1” drain valve  
7) Sump Tank of 1000mm x 700mm x 300mm |

**NOTE:** **The following information must be submitted**

1. The firm should be registered at the Central Purchase Office, A.M.U., Aligarh.
2. The validity of the quotation should not be less than 90 days
3. Please give the our inquiry no. on the envelope
2. Goods will be supplied in the name of the PRINCIPAL, UNIVERSITY POLYTECHNIC, Aligarh Muslim University, Aligarh.
3. The Department has the right to accept the rates of some or all the articles required.
4. The Department reserves the right to reject any or all the quotations without assigning any reason or to allot full or part of the supply to one or more firms.
5. Payment shall be made against bill.
6. In case goods are not according to the specifications, the cost of returning them shall be borne by the supplier.
7. The goods have to be supplied within 30 days
8. The period of validity of the rates offered may be specified.
9. The quotations containing uncalled for remarks are likely to rejection.
10. The firm registered with the Sales-Tax Authority should mention Sales-Tax Registration No. Wherever applicable.
11. The discount/rebate admissible if any may be quoted.
12. The rate of Sales-Tax including Surcharge alongwith concession admissible to educational Institution may be specified.
13. Other incidental charges such as packing, forwarding Insurance etc. may be indicated clearly.
14. In case of out-station supplies the documents be sent through bank

Principal
University Polytechnic
A.M.U., Aligarh.
Dated: 28-09-2013

Copy to:
1. Director, Computer Centre with the request please upload the above inquiry at the University website.