

Our Fax No. 022 2826 2057

Our Ref : WROL/ 4 : 51

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**Subject : Muffle Furnace for Sulphated Ash  
for samples of UPVC Pipes in Mechanical Lab**

24 March 2006

To,

Manufacturers & Suppliers of Lab Muffle Furnaces and display as per attached list

Dear Sirs,

Quotations are invited in duplicate for the supply of **Muffle Furnace, 1 No.**, with Technical Specification mentioned in the Schedule attached hereto and as per terms and conditions noted hereunder:

1. Quotations in a sealed cover superscripted "**Supply of Muffle Furnace for Mechanical Lab as per the enclosed schedule**" should reach the undersigned latest **by 1500 h on 18 April 2006** and the same shall be opened at 1530 h on the same day in the presence of such tenders or their duly authorized representative who may like to attend.
2. Unless stated otherwise, quotations shall be deemed to be for delivery at 'MANAKALAYA' E-9 MIDC, Andheri (E) , Mumbai 400 093 .
3. The Bureau gives first preference in its purchases to goods bearing BIS Standard Mark and second preference to those which conform to the relevant Indian Standard Specification
4. Supply should be arranged within 30 days of receipt of order. If, however, it is not possible for you to effect delivery during working hours by that date, you should specify the date by which you can guarantee delivery. Quotations qualified by such vague and indefinite expressions as 'subject to immediate acceptance', 'subject to prior sale', etc and incomplete quotations are liable to be summarily rejected.
5. All quotations shall remain open for acceptance for a period of 60 days from the date of opening of quotations specified in Para 1 above.
6. The rate quoted shall include all charges such as packing and forwarding, freight, insurance etc. If the rates quoted do not include Excise duty, Sales Tax, Octroi or any other taxes or charges, the same should be specifically stated. In the absence of any such stipulations, it will be presumed that the prices include all such charges and taxes and no claim for the same shall be entertained.

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7. All goods shall be received subject to approval on inspection. The decision of our Inspecting Officer shall be final and binding. Rejected items/goods/stores shall be removed by the supplier at his own cost and risk, within 30 days of receipt of notice for the removal of such goods, and no liability whatsoever on the Bureau shall be attached for rejected/disapproved goods/items/stores.
8. The Bureau reserves the right of accepting the whole or any part of the quotations(s) or portion of the quantity offered and the successful tenderer shall supply the same at the rate quoted.
9. The Bureau reserves the right to accept or reject summarily any or all quotations(s) in whole or in part without assigning any reason whatsoever.
10. The Bureau takes no responsibility for delay, loss or non-receipt of quotations after dispatch.
11. In case of non-compliance with the contract, the Bureau reserves its right to:
  - a) Cancel/rescind/revoke the order and
  - b) Impose penalty up to 5 percent of the value of the order.
12. Payment will be made only after approval of the material.

Yours faithfully,

(P.K.Shilotri)  
Sc 'F' & Head WRO Lab  
Bureau of Indian Standards  
Manakalaya,  
E-9, M.I.D.C., Road No. 8,  
Andheri (East)  
MUMBAI 400 093

Encl: Schedule

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### **SPECIFICATIONS OF TEST EQUIPMENT**

**1. Name of the equipment : Muffle Furnace, Qty : 1 No.**

**2. Description :** Suitable for Ashing samples of UPVC (Unplasticised Poly Vinyl Chloride) Pipes in Ceramic – Silica or Platinum Crucibles at  $850^{\circ} \pm 50^{\circ}$  C.  
The samples are known to emit copious, corrosive and at times toxic fumes

**3. Specification :**

- Size : Chamber Dimensions : 23 cm x 10 cm x 10 cm with appropriate vent arrangement for copious fumes emitted during process of ashing of UPVC (Unplasticised Poly Vinyl Chloride) material

Working chamber temperature:  $900^{\circ}$  C maximum, Least Count:  $1^{\circ}$  C  
With digital display of temperature, PID Controller and facility to connect Temperature Recording Arrangement, whenever required.

The outer body of the furnace should not become hot by more than  $50^{\circ}$  C even when the furnace has remained operational for more than 12 hours at a stretch and yet the furnace should be light weight.

Should operate at 240 V AC, 50 Hz supply

**Please indicate gross weight of furnace, power rating and Guarantee/Warranty period**

**Applicable taxes, if any, must be quoted separately**

N.D.Deshmukh  
OIC (Mechanical Lab)