

Our Fax No. 022 2826 2057

Our Ref : WROL/ 4 : 38

Mumbai

Subject : Equipment (Assembly) for Carbon Black Content  
Determination in HDPE Pipes as per Cl. 10 of IS 2530

2006 04 28

To,

Manufacturers & Suppliers of Equipment (Assembly) for Carbon Black Content  
Determination in HDPE Pipes and display as per attached list

Dear Sirs,

Quotations are invited in duplicate for the supply of Equipment (Assembly) for Carbon Black Content Determination in HDPE Pipes, **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 Equipment (Assembly) for Carbon Black Content Determination in HDPE Pipes for Mechanical Lab as per the enclosed schedule”** should reach the undersigned latest **by 1500 h on 23 May 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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## SCHEDULE

### Technical Specification

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An assembly suitable for Carbon Black Content Determination in High Density Polyethylene (HDPE) Pipes as per Cl. 10 of IS : 2530 - 1963, comprising of **Tubular Furnace** to accommodate **Silica / Quartz tube** of 30 mm outer diameter and 400 mm  $\pm$  50 mm length, suitable upto 600°C, fitted with **digital temperature controller and temperature sensor** having least count of 1°C, **Gas Flow Meter** capable of controlling and measuring Nitrogen flow rate within  $1.7 \pm 0.3$  Litres per minute, **Gas Bubbling Bottles (Gas Washing Bottles)**, **“U” Tube, Rubber Corks fitted with Glass Tube for fitting into both ends of Silica / Quartz Tube, Gas Absorbers for Carbon Dioxide, Steel Scoop** for inserting and removing porcelain /silica boat from the Silica / Quartz Tube accommodated in turn in the tubular furnace. The Quartz Tube should be able to accommodate **porcelain or silica boat** having dimensions of 75 mm length, 9 mm width and 8 mm height.

(N.D.Deshmukh)  
Sc. E & Director (Mech Lab)