

**Government of India
Bhabha Atomic Research Centre
Radiation & Photochemistry Division**

Ref:- **BARC/MINOR/CFB/RPCD/533/2018/05** Date:- **07/06/2018**

Sub:- Fabrication and supply of autoclaves for hydrothermal synthesis

Sealed quotations are invited on behalf of President of India by Head, Radiation & Photochemistry Division, BARC, Trombay, as per Annexure-I from the eligible contractors having adequate experience in similar works with the units of DAE, NPCIL, or Public Undertakings.

Bidder shall quote for the **Fabrication and supply of autoclaves for hydrothermal synthesis**

The quotation must reach Head, Radiation & Photochemistry Division by **20th April, 2018, by 16.00 hrs** and must be sent in a sealed envelope. Sealed envelope should clearly indicate Name of work, Reference number & due date of submission. The address on the envelop should read as

The Head, Radiation & Photochemistry Division
Kind Attention- Biswajit Manna
Bhabha Atomic Research Centre, Trombay
Mumbai-400085

The offer should be valid for at least 60 days from the due date of the tender and quoted price shall remain firm during the period of execution of the work

The quotation should be submitted on printed letter head indicating all items separately such as: Material cost, fabrication cost, transport, installation, GST. The Service Tax registration No., PAN number of the firm should also be mentioned clearly.

Sealed quotation should be submitted only through registered post/speed post through Indian Postal Service.

Taxes, duties and other charges if any shall be quoted separately.

The work should be completed **within 60 days from the date of issue of the work order.**

Head, Radiation and Photochemistry Division, reserves the right to accept/reject any or all quotation without assigning any reason.

TERMS AND CONDITIONS:

The acceptance of tender shall rest with department which does not bind itself to accept the lowest tender and reserves to itself the authority to reject any or all of the tenders received, without assigning any reason. All tenders in which any of the prescribed conditions are not fulfilled or incomplete in any respect are liable to be rejected.

Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.



(P. D. Naik)
Head, RPCD, BARC

अध्यक्ष, विकिरण एवं फोटोरसायनिकी प्रभाग
Head, Radiation & Photochemistry Division
भा.प.अ.केंद्र, ट्रॉम्बे, मुंबई - ४०० ०८५.
B.A.R.C., Trombay, Mumbai - 400 085.

Annexure-I

Sr. No.	Detailed Specification	Quantity
1	<p>Glass filled teflon lined autoclave (Capacity =150 ml)</p> <p><u>Specification</u></p> <p>Material of Outside Jacket: Stainless steel, Thickness: ≥ 6.5 mm</p> <p>Material of inside reactor: Glass filled Teflon, Thickness: ≥ 5 mm, Volume =150 ml</p> <p>Maximum temperature range: $\geq 230^{\circ}\text{C}$</p> <p>Maximum Pressure sustainability: ≥ 3 MPa</p> <p>Reactor sealing type: screw sealing</p>	2 No.
2	<p>PPL lined autoclave (Capacity =150 ml)</p> <p><u>Specification</u></p> <p>Material of Outside Jacket: Stainless steel, Thickness: ≥ 6.5 mm</p> <p>Material of inside reactor: Glass filled Teflon, Thickness: ≥ 5 mm, Volume =150 ml</p> <p>Maximum temperature range: $\geq 260^{\circ}\text{C}$</p> <p>Maximum Pressure sustainability: ≥ 3 MPa</p> <p>Reactor sealing type: screw sealing</p>	1 No.

Biswajit Manna
Biswajit Manna

(I/O)