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Trombay, Mumbai-400 085

**Government of India
BHABHA ATOMIC RESEARCH CENTRE
Glass and Advanced Materials Division**

**Rajath Alexander
Scientific Officer D**

Ref: BARC/GAMD/RA/2021/P-18053

Date: 10/12/2021

Online

Sub: Invitation of Quotation for Minor Fabrication of vacuum assisted resin transfer per the specification given in Annexure 1.
Due date: 20th December 2021

Dear Sir,

For & On behalf of the President of India, quotations are invited by the undersigned for following service work.

Description of work
Fabrication of vacuum assisted resin transfer per the specification given in Annexure 1.

The quotation should be sent in a sealed envelope. The envelope shall *clearly be superscribed* with the reference no., due date and with the words “**Quotation: not to be opened**”. It should be addressed to following person and should reach him/her on or before the date mentioned. The quotation must be send by *speed post only*.

Rajath Alexander Glass and Advanced Materials Division, Materials Group, BARC Mumbai 400085	On or before 20 th December 2021
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Instructions to the tenderer :

1. The contractor **should contact the undersigned** (contact no 022-25594917, Email : alexander@barc.gov.in) and discuss and scope of the work, failing to which they are not eligible for tendering process and hence their quotation will not be opened.
2. The quotations are to be in printed letter head/ quotation format which should consist of GST Registration Number, PAN number of the firm. Quotations received without signature, over-writing, summation errors etc. will be construed as invalid and thus rejected.
3. The tenderer should write in words as well as figures, the rate(s) quoted by him. All corrections must be attested by the dated initials of the tenderer.
4. Income-Tax and surcharge on income-tax as applicable shall be deducted from the bill. The payment for the work done shall be paid by our Accounts Division only on satisfactory completion of the work within one month.
5. The acceptance of the tender rests upon the undersigned with a right to reject the tender without assigning any reason.



वैज्ञानिक अधिकारी / Scientific Officer
उच्च एवं प्रगत पदार्थ प्रभाग
Mass and Advanced Materials Division
भारत सरकार / Government of India
भाभा परमाणु अनुसंधान केंद्र
Bhabha Atomic Research Centre
ट्राम्बे, मुंबई / Trombay, Mumbai - 400 085.

Rajath Alexander
SO/D, GAMD

Annexure 1

Technical Specification for Fabrication of vacuum assisted resin transfer General Specification:

Note:

- Supplier must demonstrate the integration of all the components of the vacuum resin transfer molding system
- Supplier must provide training to 4 person and demonstrate the fabrication of composite by VARTM.

Sl.No	Material	per	Units requirements
1	Composites Vacuum Pump with ¼ Turn Valve and Hosetail Barb Fitting	unit	2
2	Resin Catch Pot for epoxy	unit	3
3	Through Bag Connector with ¼ Turn Valve and Hosetail Barb Fitting	unit	10
4	Vacuum Hose for epoxy	m	125
5	Resin Infusion Connector	unit	125
6	Vacuum Bagging Film	sqm	125
7	Infusion Mesh	sqm	125
8	Breather Fabric	sqm	125
9	Perforated Release Film	sqm	125
10	Peel Ply	sqm	125
11	Bag Sealing Tape, 15 m Roll	roll	50
12	Spiral Feed Tube	m	500
13	Epoxy handling Nitrile Gloves	pair	150
14	Elbow	unit	250
15	Low viscous Epoxy	kg	25
16	FAST CURING Epoxy	kg	25
17	Cf Fabric 200 GSM Unidirectional	sqm	5
18	Cf 200 GSM Bidirectional Plain Weave Fabric	sqm	5
19	200 GSM – Bidirectional Plain Woven Aramid Fabric	m	5
20	Epoxy weight measuring Balance with adapter (5 Kg max, 1g minimum)	unit	2
21	Epoxy Stirring Cup	unit	200
22	Wooden epoxy mixing stick	unit	200
23	Clamp of holding tube and maintaining vacuum	unit	10