

**GOVERNMENT OF INDIA  
BHABHA ATOMIC RESEARCH CENTRE  
WASTE MANAGEMENT DIVISION  
WASTE MANAGEMENT FACILITY - TROMBAY**

Ref No.: BARC/WMD/DSK/SM/2017/194295

Date: 06/11/2017

**Tender Enquiry**

Sub: Fabrication of 16mm thk static mixer using SS304L plate as per technical specification in annexure no. BARC/WMD/DSK/SM/2017.

Dear Sir,

Quotations are invited for fabrication of 16mm thk static mixer using SS304L plate as per technical specification in annexure no. BARC/WMD/DSK/SM/2017.

The quotation shall be received on or before **14/11/2017 up to 13.00 hrs** at following address. The Sealed quotations will be opened on the same day at 1400 hrs in the divisional Office. Quotations shall be received by speed post only. You may contact following address for further details of drawing and specification of the work.

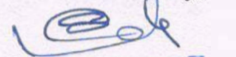
Address: Shri D. S. Khade, SA/F  
WMD,WIP, BARC, Trombay,  
Mumbai-400085.  
Ph-022-25591278/1020 mail:dinkar@barc.gov.in

Note :

1. Contractors shall have qualified welders with experience of doing similar job.
2. Contractors shall have machining facility required for the job.
3. Quotation shall be on printed letter head with GST no. PAN no .etc.
4. Your offer shall be valid for minimum 45 days from the date of opening and quoted price
5. shall remain firm during the period of execution of the order.
6. Taxes etc., if any, shall be clearly mentioned.
7. Work shall be completed within 60 days of release of work order.
8. Payment will be made after of successful completion of work.
9. You should give 12 month guarantee certificate for workmanship.

Thanking You.

Yours faithfully,



06/11/2017

(D. S. KHADE)

Scientific Assistant-F

Annexure no. : BARC/WMD/DSK/SM/2017.

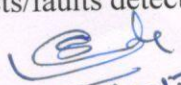
Scope of the Work:

1. Fabrication of 50 nos. static Mixer shall be carried out using 16 mm thk SS304L plate as shown in drawing. Machining work of the job shall be carried out on CNC machine. The dimension shown in drawing shall be strictly followed. Deviation in dimension shall not be more than  $\pm 0.02$  mm.
2. The job involves, cutting of 50 Nos pieces of approved dimension from existing SS304L plate of size- 1320mm x 1230mm mm x 16 mm thk plate, drilling and machining work on CNC machine, assembly work and welding work . Before starting the cutting job, contractor shall prepare cutting diagram and submit for approval
3. The welding shall be carried out by GTAW process using argon gas having purity level of 99.995% and shall be carried out by qualified welder.
4. The CONTRACTOR shall be responsible for qualifying the weld procedure, performance of welders and welding operators and all such works shall in general conform to ASME Section-IX.
5. The contractor should submit 2 sets of as built isometric drawing along with QA folder. Before starting the work, pre fabrication drawing along with QAP should be submitted by the contractor.
6. Stage wise inspection shall be carried out during the fabrication work. The entire weld joint will be checked for fit-up, root and final weld pass D.P. test etc. Necessary rectification shall be carried out for the joints which do not pass in D.P. testing.
7. Surfaces to be machined/welded shall be clean and free from foreign material such as grease, oil, lubricants and marking paints for a distance of at least 25 mm from the weld preparation area.
8. The CONTRACTOR shall maintain record for all inspections, which shall cover dimensional accuracy, surface finish, fit and alignment, workmanship and completeness.
9. FREE ISSUE OF MATERIAL (FIM). Following material shall be issued as FIM.

Sr.no.	Item Description	Qty.
1	SS304L plate , Size - 1320mm x 1230mm mm x 16 mm thk	01 Nos
2	SS304L plate 500 mm x 500mm x 3 mm thk.	01 Nos
3	SS304L Seamless pipe , 20NB sch. 40	5 Mtrs.
4	SS304L Seamless pipe OD – 6 mm X 1 mm thk.	24 Mtrs.
5	Filler wire 308L , dia-1.6 mm	2 kg

It is contractor's responsibility to check the FIM and collect the material..

10. Before taking out the FIM , Contractor shall submit Insurance copy in original of Rs. 125000.00 (Rs. One Lakh Twenty Five Thousand Only) and shall be valid up to completion of work .
11. The contractor shall nominate a group leader for overall administrative and supervisory requirements. The group leader thus nominated shall have sound knowledge of working procedures.
12. The item shall be delivered at Zonal Store, WIP, BARC, Trombay , Mumbai-400085 within **60 days** from issue of work order ,
13. GUARANTEE: The job covered by the above specification shall be guaranteed for **one year** for its effective functioning. During the guarantee period the supplier shall rectify the defects/faults detected from time to time at no extra cost to the purchaser.

  
06/11/2017  
(D. S. KHADE)  
Scientific Assistant-F

**Format for Quotation**

Sr. No	Job Description	Qty.	Rate in Rs	Total Cost in Rs.
1	Fabrication of 16mm thk static mixer using SS304L plate as per technical specification in annexure no. BARC/WMD/DSK/SM/2017.	50 Nos.		
	GST @ _____ %			
	Grand Total Cost in Rs.			