



Government of India
Department of Atomic Energy
RAJA RAMANNA CENTRE FOR ADVANCED TECHNOLOGY

PO: RRCAT
Indore-452 013.(M.P.)

Sub: Invitation of quotation for “Fabrication and supply of vacuum vessel for distribution box”.

The above-mentioned item is required to be fabricated as per our specification and drawings. All drawings should be returned along with quotation. Please note that quotations received without drawings are liable to be rejected. Kindly send your quotation in duplicate by Monday, July, 16 2018 to the undersigned. Taxes as applicable may be mentioned separately in the quotations. In case of exempted from tax, a declaration on the letterhead may be submitted along with the quotation.

Please indicate your GSTN No. on quotation.

Kindly send your quotation to the following address:

**Shri P K Kush,
Director, TD&SG,
Raja Ramanna Centre for Advanced Technology,
Indore – 452 013**

Please mention the following reference number and due date on the envelope-

RRCAT/TD&SG/CECTS/2018/ MF/20, Due date and time: **Monday, July, 16 2018. 17:00 hr**

Technical specifications for Minor Fabrication Work

1.0	Scope: This specification lists the technical requirements for Fabrication and supply of vacuum vessel for distribution box			
2.0	Parts, quantities and material requirements: The required parts, quantities and scope of materials are given in Table 1.			
	Table-1			
	Sno.	Particulars	Material	Drawing No.
	1	Cover Flange	SS304	RRCAT/CECTS/DB/ Cover Flange
	2	Vessel End Flange	SS304	RRCAT/CECTS/DB/ Vessel End Flange
	3	Shell	SS304	RRCAT/CECTS/DB/Shell
	4	Bottom Plate	SS304	RRCAT/CECTS/DB/Bottom Plate
	Assembly of the vessel has shown in the drawing no. RRCAT/CECTS/D BOX ASSY of the vessel Job shall be carried out at :Supplier's Site			
2.1	Note on Source of raw Material: All the material is under supplier's scope.			
2.2	Qty. and Cost of Free Issue Material: Quantity : NIL _____Kg/Nos/___ and Cost of free issue material is Rs. -----. The supplier will be required to give insurance for covering the free issue material against theft or loss. The FIM will be issued only after receiving the insurance policy. Returnable Material Qty _____Kg/Nos/----- , _____% Returnable Wastage Qty _____ Kg/Nos.____, _____% Non-Returnable Wastage Qty _____Kg/Nos/____, _____% (Actual consumption statement to be submitted with settlement of bill).			
3.0	Applicable Documents: Drawings			
3.1	Applicable Drawings: As per attached drawings			
3.2	Applicable Standards/Codes: The applicable IS specifications / equivalent codes of latest edition shall be used for fabrication of concrete anchors, see Table 2. Table 2.			
	Standard/code	Title		
	IS:	Fabricated structural steel work shall be within the tolerances specified in drawing. if not specified in drawing than as per IS7215		
	IS 6911	Material SS 304 shall be as per IS 6911		
4.0	Fabrication process details: Rolling, Machining, Milling and drilling, Weld joint preparation. <u>Welding is not in the scope of supplier.</u> Tack weld has to be done for matching components as per drawings. Supplier has to supply the components with tack weld joints.			
5.0	Painting/Surface Protection (Retain if applicable): NA			

6.0	Testing and Acceptance criteria 6.1. Visual Inspection: 100% Visual shall be carried out. 6.3. Material certificates: Test certificates shall be provided for chemical and mechanical properties before starting fabrication. Test coupon for chemical test shall be taken in presence of RRCAT Representative. 6.4. Dimensional inspection shall be done and components should meet the requirements shown on the drawings. Report has to be submitted by the supplier.
7.0	Packing and Transport: The material shall be properly packed by the supplier before sending to RRCAT. The address for delivery is Stores Office, IRPU, DPS, RRCAT, Indore-452013.
8.0	Delivery period: The parts shall be delivered to RRCAT premises within 2 months of placement of work order..

Fabrication and supply of vacuum vessel for distribution box

RRCAT/TD&SG/CECTS/2018/ MF/20

Date: 14/06/2018

Sno.	Particulars	Material	Drawing No.	Quantity
1	Cover Flange	SS304	RRCAT/CECTS/DB/ Cover Flange	1 Nos.
2	Vessel End Flange	SS304	RRCAT/CECTS/DB/ Vessel End Flange	1 Nos.
3	Shell	SS304	RRCAT/CECTS/DB/Shell	1 Nos.
4	Bottom Plate	SS304	RRCAT/CECTS/DB/Bottom Plate	1 Nos.

Fabrication and supply of vacuum vessel for distribution box

Assembly of the vessel has shown in the drawing no. RRCAT/CECTS/DBOX ASSY of the vessel

Note: Drawings enclosed (04 nos) + 1 Assembly drawing