Department of Aerospace Engineering
Indian Institute of Technology Madras
Chennai – 600 036, India

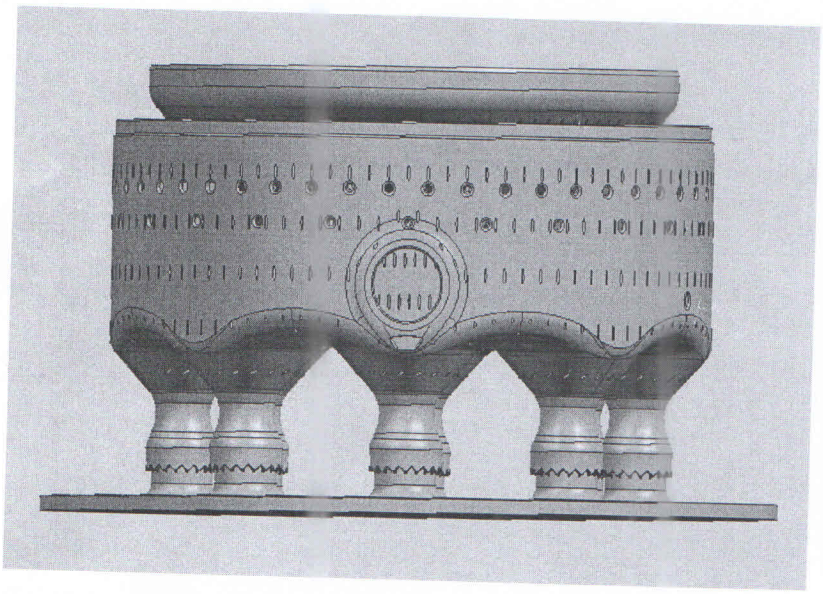
TenderRef. No. ASE1617136MUAYSRCH015 **Dated: 25.05.2018.**
Duedate:08THJUNE2018at 2.30.p.m.
Item name: 3D PRINTED COMPONENTS (specification and drawing)
Qty. 3 components

1. Tenders (**single bid system**) are invited in duplicate for the items shown overleaf (in Annexure I). The quotations duly sealed and superscribed on the envelope with reference no. and due date, should be addressed to the undersigned so as to reach on or before the due date mentioned above.
2. The quotations should be valid for sixty days from the due date and the period of delivery required should also be clearly indicated (refer specification for delivery)
3. The total cost of the equipment in terms of CIP Chennai should be clearly mentioned.
4. Terms of warranty and guarantee should be explicitly mentioned (refer technical specification)
5. Packing and delivery charges, customs and clearance duty should be clearly stated.
6. Goods shall not be supplied without an official supply order.
7. Local firms : Quotations should be for free delivery to this institute. If quotations for ex-godown delivery charges should be indicated separately.
8. Firms outside Chennai: Quotations should be for F.O.R. Chennai. If F.O.R. consignor station, freight charges by passenger train / lorry transport must be indicated. If ex-godown, packing, forwarding and freight charges must be indicated.
9. The rate of sales / general taxes and the percentage of such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done, no claim for sales / general taxes will be admitted at any stage and on any ground whatsoever. The taxes leviable should take into consideration that we are entitled to have 5% Concessional Sales Tax (GST) applicable to non-government educational institutions run with no profit motive for which a concession sales tax certificate will be issued at the time of final settlement of the bill.
10. Payment : Specify the mode of payment and if advanced payment has to be made. Every attempt will be made to make payment within 30 days from the date of receipt of bill / acceptance of goods, whichever is later.
11. IIT Madras is exempt from payment of excise duty and is eligible for concessional rate of customs duty. Necessary certificate will be issued on demand.
12. IIT Madras has the right to accept the whole or any part of the tender or portion of the quantity offered or reject it in full without assigning any reason.
13. **The sealed quotation may be sent to**
    The Manager,
    Purchase and accounts section.
    NCCRD Building
    Behind Aerospace Engineering Dept., IIT Madras
    Chennai – 600036
    Ph. (O) +91-44-22579863

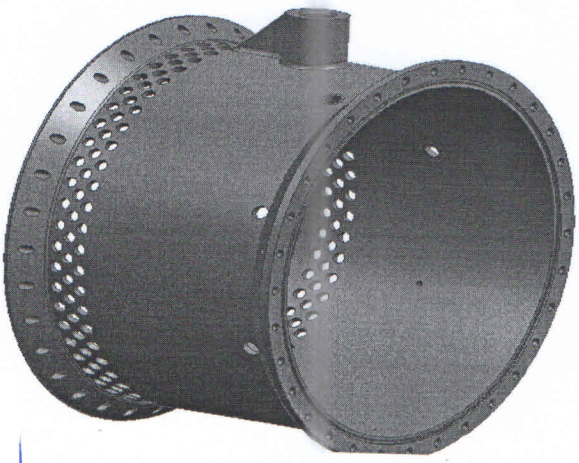
Major Requirements for 3D Printed Component:

1. The component shall be printed as per the attached 3D Model (Files attached in NX format)
2. Powder/Metal for printing :- Hast-X
3. Post Processing required for Printed Parts :-
    a. Heat treatment as part of stress relieving
    b. Machining of Flange surface with surface finish ~ 125 RA
4. Report to be generated for the Printed parts:-
    a. 3D scan reports with all the major dimension details
    b. CMM measurement details for flange and any critical dimension

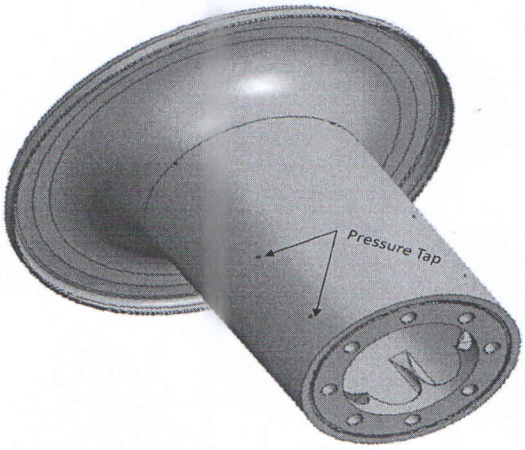
Component-1



Component-2



Component-3



Additional requirements:

1. One -year onsite warranty should be provided.
2. Vendors will be called to visit and give presentation/demonstration on the equipment after the supply. They need to provide the approximate date for this presentation.
3. Vendors must provide detailed documentation for the equipment.

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