

OIL INDIA LIMITED

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ANNEXURE-I**Tender No. : KID5433P08/03****Tender Date : 05.06.2007**

Item No./ Mat. Code	Material Description	Quantity	UOM
10 99029340	Fire tube for 5000 Bbls capacity 2.0 m OD x 9.25 m long Emulsion Treaters as per OIL drawing No. 1583/B (item 3) enclosed herewith.	18	NO

- Special Notes** :
1. Bidder to note that the drawing supplied by us are purely to give guidance for making final working drawing by them. These drawings should in no case, be treated as final fabrication drawing. Manufacturer's working drawing should be sent for approval to Duliajan prior to the fabrication of the fire tube within 15 days of placement of order.
 2. The fire tube should be fabricated out of seamless pipe conforming to ASTM A53 Gr. B as per approved drawing.
 3. Post and pre-heat treatment of the fire tubes should be carried out as per ASME section VIII
 4. All the welding are to be done as per IS: 813-1961. Bidders are to certify that all the welding jobs are done by welders who are qualified under ASME Boiler and pressure vessel code section IX regulation.
 5. All welded joints of the fire tube are to be X-rayed with 100% radiography & stress relieved.
 6. Flanges should be fabricated out of Boiler quality plates.
 7. Fire tubes should be hydraulically tested as per API standard, 12L.
 8. X-ray plates on radiographic test should be produced to third party inspector while inspecting and subsequently to be forwarded to our Duliajan office for record.
9. INSPECTION:
- (I) Inspection by OIL registered 3rd party agencies i.e. M/s IRS, M/s Lloyds, M/s Rites, M/s Bureau Veritas, M/s DNV and M/s Tuboscope Vetco will be required for fabrication as per specification and standard mentioned against each item. No TPI agencies other than those mentioned above will be acceptable to OIL.
 - (II) Final inspection of the materials at the supplier's works will be carried out by OIL's Engineer along with third party at the time of Hydraulic testing of the same. Relevant test certificates regarding raw materials used and hydraulic test should be forwarded along with dispatch documents.
10. Please arrange to return the Drawing alongwith your offer.
 11. TPI charges must be quoted separately clearly indicating the applicable tax.