



OIL & GAS DEVELOPMENT COMPANY LIMITED
PROCUREMENT DEPARTMENT (LOCAL), ISLAMABAD
SCHEDULE OF REQUIREMENT

Material : **SHELL & TUBE HEAT EXCHANGER (PRE-CHILLER)**

Due Date:

Tender Enquiry No: **PROC/LF/PT/17116/17**

Bid Bond Value : RS.60,000/-

EVALUATION WILL BE CARRIED OUT ON FULL

Attachment(if any) : YES

Sr No	Description	Quantity	Make/Brand offered	Unit	Unit Price (PKR) Inclusive Of All Taxes Except GST	Unit Price (PKR) Inclusive of GST	Total Price (PKR) Inclusive of GST	Delivery Period Offered	deviation from Tender Spec. If Any
1	Pre-Chiller, Shell & Tube Heat Exchanger, Shell material: A-106 Gr. B, Tube material: A-179, Tag # E-105, as per drawing # PP-CHA-250 and attached Terms & Conditions	1		Number					

Special Note:- The prospective bidders also download the master set of Tender Document

- The prospective bidders may keep in touch with OGDCL web site for downloading the clarifications/amendments (if any) issued by OGDCL.
- DELIVERY 04 MONTHS FROM LPO TO CHANDA PLANT SHAKARDARA, DISTT.KOHAT.30% ADV. AGAINST BANK GUARANTEE,70% AFTER SUCCESSFUL HYDROTEST & DELIVERY AT SITE.

Discount (if any) shall only be entertained on Schedule of Requirement of Bidding Document (Financial Proposal). If the discount is mentioned elsewhere in the bid, the same shall not be entertained.

TERMS OF REFERENCES FOR FABRICATION AND SUPPLY OF SHELL & TUBE HEAT
EXCHANGER (PRE-CHILLER, E-105)

1. All the specifications / dimensions should be as per attached drawing # PP-CHA-250.
2. Applicable code: ASME SEC VIII div. 1 (SUMMER 85) TEMA "R".
3. Only U-stamp authorized manufacturers will be considered for technical evaluation. Documents to be provided to prove validity.
4. U-stamping is required. All the scope of U-stamping i.e. Design Calculation, documentation, inspection etc will be in bidder scope.
5. Bidder should have experience of 05 years for fabrication of high pressure vessels and must submit a list of his clients to which equipment of similar nature has been supplied most recently.
6. Tube material should be of American / European / Japanese origin (valid with ISO 9001 certifications) and MTC to be provided during fabrication phase.
7. Stage inspections may be carried out at manufacturer site by OGDCL representative(s) and bidder will inform to OGDCL, at following stages;
 - a) After shipment of material and during fabrication.
 - b) After completion of fabrication of Tube Bundle and Shell.
 - c) Hydrotesting of equipment.
8. All the BOQ mentioned in the drawing is included in the scope of work / supply of bidder.
9. All the above terms & conditions should be clearly confirmed in technical bid and any non-compliance with the above terms and conditions should also be clearly mentioned in the bid.
10. Guarantee / warrantee for the equipment for a period of 01 year after being taken into service or 18 months after shipment, whichever completes earlier.
11. Delivery period: 4 months after issuance of LPO.

SPECIFICATIONS FOR PRE-CHILLER, E-105

Design Specifications		
	Shell Side	Tube Side
Working Pressure	998 PSI	928 PSI
Design Temperature	150 deg F	315 deg F
Test Pressure	1750 PSI	1392 PSI
Fluid	GAS	GAS
Corrosion Allowance	3.2 mm	3.2 mm
Radiography	Spot	Spot
Welding Efficiency	0.85	0.85
All other specifications as per drawing no. PP-CHA-250		





