



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

Material : **SUPPLY AND TESTING OF SULPHUR CONDENSER**

Due Date:

Tender Enquiry No: **PROC/LF/PT/17295/18**

Bid Bond Value : RS.520,000/-

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 | SUPPLY, FABRICATION AND TESTING OF SULPHUR CONDENSOR AS PER DRAWINGS & TOR ATTACHED | 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 IN 06 MONTHS FROM LPO ISSUE TO DAKHNI FIELD, JAND. PAYMENT TERM 30% ADV AGST BANK GUARANTEE, 70% AFTER SUCCESSFUL TESTING & 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.



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Mandatory Checklist

Please confirm the compliance of the following mandatory information along with the bid(s) (failing which bids(s) will not be accepted)

| Documents | To be Attached with the Technical/Financial Bids | Compliance | |
|--|--|------------------------------|-----------------------------|
| | | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Original Bid Bond | Technical Bid | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Copy of NTN Certificate | Technical Bid | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Copy of GST Certificate | Technical Bid | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Confirmation that the Firm is appearing on FBR's Active Taxpayer List | Technical Bid | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Duly signed and stamped Annexure-A (Un-priced) | Technical Bid | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Duly filled, signed and stamped Annexure-B | Technical Bid | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Duly filled, signed and stamped Annexure-D | Technical Bid | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Duly filled, signed and stamped Annexure-L on Company's Letterhead | Technical Bid | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Duly signed and stamped Annexure-M on Company's Letterhead | Technical Bid | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Duly signed and stamped Annexure-N on Non-Judicial Stamp Paper duly attested by Notary Public | Technical Bid | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Duly filled, signed and stamped Annexure-A (Priced) | Financial Bid | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Duly filled, signed and stamped Annexure-C | Financial Bid | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Duly filled, signed and stamped Annexure-E | Financial Bid | Yes <input type="checkbox"/> | No <input type="checkbox"/> |

Scope: Supply, Fabrication and Testing of Complete Sulphur Condenser for Dakhni plant as per below specifications, drawings and TOR;

1- Specifications:

| | |
|----------------------|--|
| Design Code: | According to ASME VIII DIV 1 (latest edition) |
| U stamp: | Shell side only |
| Design Temperature | 343.33 °C (tube side) 176.66 °C (shell side) 398.88 °C (channel side) |
| Hydrotest Pressure | 216.798 psig (Shell side) |
| Stress relieving | Yes |
| Radiography | Full (shell side) Spot (Chanel side) |
| NACE MR 0175 | Yes (as per drawing) |
| Tubes Material | SA 210 Gr-A-1 (SMLS) 725 tubes of OD 38.1 mm at 57.15 pitch 53 tubes of OD 50.8 mm at 69.85 pitch Thickness 12 BWG (min) Length 6096 mm (follow drawing) |
| Tube Sheets | SA 516 Gr 70 |
| Shell/Channel barrel | SA 516 Gr 70 |
| Baffles | SA 36 |
| Tie Rod | SA 36 |
| Stud/Bolts | Compatible for corrosive environment |
| Insulation | Yes |
| Services | Unfired steam boiler (Shell side only) |
| Location: | Tehsil Jand, District Attock. |
| Tag # | E-1902 |



2- TERMS OF REFERENCES:

- i. Manufacturer should have at least 07 years of experience in manufacturing/fabrication of heat exchangers. Manufacturer having less than 07 years of experience will be not qualified.
- ii. Manufacturer should have supplied at least 5 complete heat exchanger units locally in Pakistan in last 7 years. Manufacturer having less than 05 nos. supply of heat exchangers will be not qualified.
- iii. Only 'U' stamp authorized manufacture are required. Manufacturer should have valid U (ASME) stamp certification since last 03 years. Manufacturer having less than 03 year "U" stamp certification will be not qualified. Certificate with manufacturer name itself will be considered only.
- iv. Verifiable documents, unpriced copy of contract / purchase order etc with name and full contact details of clients to be provided in technical bid so as to verify the experience & previous supply.
- v. Insulation of sulphur condenser is also in manufacturer scope.
- vi. Bidder/manufacture will provide complete details of origin and MTC of tube prior to its import for OGDCL approval. The tube manufacturer should be American, European or Japanese brand. All materials selection will be as per drawing.
- vii. Transportation of Sulphur Condenser from manufacturer works to OGDCL Dakhni plant Tehsil Jand is in bidder scope.
- viii. Contractor to provide complete time-activity chart for all the jobs including purchase of material and onsite services within 04 weeks after issuance of PO.
- ix. Proposed stage inspection schedule by OGDCL team:
 - 1st Inspection after receipt of shell and tube material at manufacturer works.
 - 2nd inspection during fabrication phase
 - 3rd inspection after completion of job and hydrotest at manufacturer works.
- x. All arrangement (like gaskets, pumps etc) for hydrotest will be in manufacturer scope at its site. Relevant documents to be provided during inspection.

- xi. All the expenditures/documentation/drawings/arrangements about ASME U stamping will be manufacturer scope.
- xii. Manufacturer to confirm Guarantee / warrantee for a period of 01 year after installation or 18 months after shipment, whichever completes earlier.
- xiii. Painting is in manufacturer scope.
- xiv. Refractory is in manufacturer scope.
- xv. Manufacturer will provide 01 extra set of gaskets used in all joints of sulphur condenser with supply of equipment.
- xvi. OGDCL will provide crane only at Dakhni for unloading but transportation for delivery of material to Dakhni plant is in manufacturer scope.
- xvii. Demister pads is in manufacturer scope.
- xviii. Drawings to be followed are 1029-09-04-DR-015 (07 SHEETS) & 1029-09-04-GA-015 (02SHEETS). Soft copies will be provided by OGDCL with tender.
- xix. OGDCL intends to have inspection windows in Sulphur Condenser. Proposed location for inspection windows is given on drawing # 1029-09-04-GA-015. Bidder to confirm its design and provision of inspection windows (08 nos.) in Sulphur Condenser.
- xx. Manufacturer to confirm all the specifications and requirements in technical bid. Only sign & stamp on OGDCL tender will not be acceptable.

3- **Delivery time:** 06 months after placement of order

