



WEB TENDER DOCUMENTS

TENDER ENQUIRY NO: TE/DKN/M/19/22

**REBUILDING OF THE COMPLETE CASING & ASSEMBLING OF
BARE UNIT OF MULTI STAGE CENTRIFUGAL PUMP OF
DAKHNI PLANT**

**INCHARGE MECHANICAL
DAKHNI GAS PROCESSING PLANT
(LOCAL PROCUREMENT)**

OIL & GAS DEVELOPMENT COMPANY LIMITED

ISSUING DATE: 09-09-2022

BID SUBMISSION DATE: 08-October-2022

OGDCL SALES TAX REGISTRATION

NO. 07-02-2802-001-55

INVITATION FOR BIDS

BIDDING DOCUMENT

TENDER NO. TE/DKN/M/19/22

TOR (TE/DKN/M/19/22)

| Sr. No. | Item Description and Specifications | Quantity | U/ Price |
|----------------|---|-----------------|-----------------|
| Item 1. | <p><u>REBUILDING OF THE COMPLETE CASING & ASSEMBLING OF BARE UNIT OF MULTI STAGE CENTRIFUGAL PUMP OF DAKHNI PLANT</u></p> <p><u>SCOPE OF WORK</u></p> <ol style="list-style-type: none">1. Pump top/bottom casing Re-building/ Refilling with argon welding (E308L rod).2. Casing machining, line boring as per required sizes and prepare the profile as per deigned to achieve the required pressure at pump discharge.3. Complete re-facing of Pump top and bottom casing.4. Preparation of gasket as per casing profile.5. Balancing of the shaft and removal of runout.6. Balance of the impellers and wear rings.7. Assembling of rotor (impellers, casing wear rings, impeller wear rings, bearings etc.)8. Dynamic balancing of the rotor assembly upto 2nd critical speed. Balancing report to be shared before final boxup.9. Repairing/ rebuilding of journal bearings and tilting pad bearings.10. Re-assembling of the pump with proper torqueing of the bolts. Anti-seize compound to be applied (Bolts).11. Checking the condition of the journal bearings.12. Refurbishment of the Mechanical Seal & its installation.13. MPI testing DPT testing. | | |

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|-----------------------------|--|--|--|
| | <p>14. Hydro-testing of the pump after completion of assembly.</p> <p>15. High Temperature resistant Paint to be applied before shipment.</p> <p>16. Supervision during startup/commissioning of the refurbished bare unit.</p> <p><u>Specification of the Pump:</u></p> <ol style="list-style-type: none"> 1. 10 stages centrifugal pump 2. Pump Make: David Brown, UK. 3. Pump Type: MSD. 4. Pump Capacity: 960 USGPM. 5. Pump Head: 2890 feet. 6. Motor HP: 1012. 7. RPM: 2980. | | |
| Price Without GST | | | |
| GST | | | |
| Total Price with GST | | | |

TERMS AND CONDITIONS:

1. The scope of work is tentative, it can be increase or decrease. So bidders are requested, kindly visit to the Dakhni Plant for actual estimation of the scope of work as the pump parts are available at Dakhni.
2. The Service period is 12 weeks from the date of issuance of the Service order.
3. The bidder must have 15~20 years similar experience in repairing of Multi Stage Centrifugal Pump within different locations of Oil & Gas Sector, Power & fertilizer sector within Pakistan.
4. The bidder must have his own workshop since last 10~15 year, with well-equipped miscellaneous machines. Which must include dynamic balancing machine, block line

boring machine, head surface grinding machine, honing machine, lathe machine, milling machine, vertical boring machine, drill machine, and welding plant for the timely completion of all the jobs.

5. The bidder must have qualified welders for the argon welding job and qualified machinists for the miscellaneous machining job on multi stage centrifugal pumps.
6. The bidder will submit a bid bond amounting to Rs. 40,000/- without bid bond bid will not be evaluated.
7. OGDCL Representative will witness balancing of the rotor and Hydrotest of the pump at bidder's workshop.
8. Single stage, Single envelop bidding will take place for the bid evaluation.
9. 01-year warranty/guarantee for the services must be provided.
10. Bidder should submit complete/clean acceptance of OGDCL TOR.
11. Payment will be made through cross Cheque only after completion of work and on submission of the Annexure-C.
12. Bidder must have valid NTN and register with FBR.
13. Transportation of pump is in OGDCL scope.
14. Boarding lodging for supervision of installation and commissioning of the refurbished pump will be in OGDCL Scope.
15. OGDCL reserves the right to annul the case without assigning any reason thereof.