



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

Material : **COOLING TOWER PUMPS**

**Due Date:**

Tender Enquiry No: **LE-PT-P&P-18305**

Bid Bond Value : RS.77,000/-

EVALUATION WILL BE CARRIED OUT ON FULL

Attachment(if any) : T&CS

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	Horizontal Centrifugal Cooling Water Pump Flow: 700 US GPM Head: 80 Ft. Suction DN125 PN16, Discharge DN100 PN16, (Bronze Impeller, Gland Packing, SS/Chrome Steel Shaft), As per TOR's. Motor Specs: 18.5KW/25HP/4 Poles, 1479rpm IE3 Motor (VTS)	4		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.
- MATERIAL TO BE DELIVERED AT QADIRPUR PLANT, WITHIN 120 DAYS FROM THE DATE OF ISSUANCE OF LPO. PAYMENT WILL BE MADE AFTER DELIVERY. BID VALIDITY IS 120 DAYS AFTER TECHNICAL BID OPENING.



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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 <b>Annexure-A (Un-priced)</b>	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped <b>Annexure-B</b>	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped <b>Annexure-D</b>	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped <b>Annexure-L</b> on Company's Letterhead	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly signed and stamped <b>Annexure-M</b> on Company's Letterhead	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly signed and stamped <b>Annexure-N</b> 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 <b>Annexure-A (Priced)</b>	Financial Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped <b>Annexure-C</b>	Financial Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped <b>Annexure-E</b>	Financial Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>



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For the Vendors/Contractors who opt to submit Bank Draft/Call Deposit/Pay order against Bid Bond/Performance Bond, our Accounts Department has finalized an arrangement for online payment to such Vendors/Contractors, which will be processed through (IBFT & LFT) for which following information is required:

i.	IBAN No. (International Bank Account Number 24 Digits)	
ii.	Vendor Name as per Title of their Bank Account	
iii.	Contact No.of Company's CEO/ Owner (Mobile & Landline)	
iv.	Bank Name.	
v.	Bank Branch Name and Code	

Name, Sign and Stamp of the authorized official of the Bidder(s) \_\_\_\_\_

## Terms of reference (TOR), QP – 11498

### Scope of Supply:

1. Supply of cooling tower pumps for cooling water circuit of Power house Gensets. (Quantity: 04 Nos.) for Qadirpur plant.
2. The OEM/Supplier should provide 03 set of operation and maintenance / instruction / parts manuals (Hard copy and soft copy) along with all general arrangement drawings, mechanical / instrument / electrical drawings, quality plan, list of recommended Spare, lubricants & installation drawings etc.
3. Two years recommended spare parts with list for each pump (The recommended spare parts list should be item wise, fully detailed with part nos. & quantity). However, selection of spares and required quantity will be purely OGDCL's choice based on unit rates.

### Code and Standards:

- a. AISI (Case, Impeller, Wear Rings, Impeller casing, Inner case parts)
- b. ISO
- c. IEEE
- d. ANSI
- e. ASME
- f. IEC

### Site Conditions:

- a. Location = Qadirpur, OGDCL
- b. Max. Ambient temperature = 50 °C
- c. Minimum Ambient temperature = 06 °C
- d. Altitude (above mean sea level) = 72 m
- e. Average barometric pressure= 1003 mbar
- f. Relative Humidity (Max-Min) = (90%-08%)

### Technical Detail / Specification:

- I. Centrifugal pump, horizontal, Single Stage, Continuous Duty, Flexible coupling, Capacity: 700 US GPM min., Skid Mounted. Quantity: 04 Nos.
- II. The motor should be capable of developing sufficient horse power to drive the pump at full load at maximum site ambient conditions.
- III. Suction Nozzle of pump 5", 150lb / DN 125 PN 16, RF, ASME/ANSI, Discharge Nozzle of pump 4", 150lb / DN 100 PN 16, RF, ASME /ANSI. Matting flanges to be supplied with pumps.

IV. **Operating Conditions**

Sr. No.	Description
1.	Capacity = 700 US GPM @ 80 ft. Min. = 700 GPM Normal = 700 GPM Rated = 700 GPM Service = Continuous Duty
2.	Liquid Type = Clean Water Viscosity = 0.890 cP at 25°C Density = 997 kg/m <sup>3</sup>
3.	Suction Pressure = Atmospheric Discharge Pressure = 30 Psi
4.	Speed = 1479 RPM (Motor) Vendor to specify (VTS)
5.	NPSH Available = 3.75 Ft.

V. **Specifications of Motor:**

Rated Output	Pref. Rating: 18.5 KW / 25 HP Vendor to Specify	Number of Phases	3
Rated Voltage	415 V	Rated Current	27.5 A
Number of Poles	4	Speed at Full Load	1479 RPM (VTS)
Rated Frequency	50 Hz	Service Factor	1.15 @ 40°C
Frame Size	160L	Mounting	B3 (Foot Mounted)
Insulation Class	F	Temp. Rise at full load (by resistance method) at 1.0 Service Factor	Approx. 80 °C
Duty Type	Continuous (S1)	Method Of Cooling	FC (IC411)
Applicable standard	IEC, ATEX, NEMA, KS	Enclosure (Protection)	IP55 (Totally Enclosed)

**General Terms & Conditions/ Eligibility Criteria:**

The following information should be submitted along with technical Bid;

- A. OEM Should be ISO 9000~2000 Certified.
- B. Provide Data Sheets of equipment.
- C. Authorization Letter from manufacturer for Bidder.

- D. QA/QC procedures of your organization should be provided.
- E. OEM must have min 05 years of manufacturing experience for identical pumps. Evidence should be provided along with technical bid which may include un-priced PO copies of the same unit as a proof of supplies.
- F. OEM Previous proof of supply for identical pumps in E&P / Petrochemical / Fertilizer / Power Plant sector. Provide list of Companies with verifiable details where the quoted brand is being used along with technical bid.
- G. Provide all MTC and performance test report of the unit with supply.
- H. Statement from OEM that goods are "Brand New" and Quoted Model/ Spares shouldn't be obsolete at least (10) Ten years after supply.
- I. Delivery Period: 120 days on FOR basis.
- J. Test run will be performed at OEM works before delivery of the pumps and report to be shared prior to delivery. OGDCL may depute official or Third Party Inspection at OGDCL cost. However, all other expenses related to perform test run (arrangements, documentation) will be on bidder's part.

**Financial Bid Format:**

Sr. #	Scope	Qty.	Unit Price	Total Price
1.	Horizontal Centrifugal Cooling Water Pumps Flow: 700 US GPM, Head: 80 Ft., Suction 5", 150lb / DN 125 PN 16, Discharge 4", 150lb / DN 100 PN 16, (Bronze Impeller, Gland Packing, SS/Chrome Steel Shaft) along with matting flanges and commissioning spares.  Motor Specifications: 18.5 KW / 25 HP/ 4 Poles, 1479 RPM IE3 Motor, Vendor to Specify	04 Nos.		
2.	02 years Spare parts, Selection of Spares is Optional.			

Financial evaluation will be on the basis of Sr. # 01.

Selection of spares and required quantity will be purely OGDCL's choice based on unit rates.