

IMPORTANT NOTE

BID DOCUMENT HAS BEEN DISPLAYED BELOW TO UNDERSTAND THE REQUIREMENT ONLY. PARTIES INTERESTED TO PARTICIPATE AGAINST THIS TENDER SHALL HAVE TO PURCHASE THE TENDER DOCUMENT FROM ANY OF OIL'S DESIGNATED OFFICES MENTIONED IN THE TENDER NOTIFICATION. PROOF OF PURCHASE OF TENDER DOCUMENT MUST BE SUBMITTED ALONG WITH THE OFFER FAILING WHICH OFFERS SHALL BE TREATED AS UNSOLICITED.

OIL INDIA LIMITED

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Tender No. & Date : KID0776P09/08 20.10.2008

Tender Fee : INR 1,000.00
 Bid Security Amount : INR 66,000.00

Bidding Type : Single Bid (Composite Bid)

Bid Closing On : 12.12.2008 at 14:00 hrs. (IST)
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Performance Guarantee : Applicable

OIL INDIA LIMITED invites Press tenders for items detailed below:

Item No./ Mat. Code	Material Description	Quantity	UOM
10 0C000452	<p>FORMATION WATER DISPOSAL PUMP SET WITH MOTOR Electric motor driven pump set, mounted on common base plate, coupled by flexible coupling, complete with coupling guards foundation bolts & nuts and necessary maintenance tools. PUMP DETAILS :- Type : Centrifugal, Multistage No. of Stage : 7 (seven) Capacity : 7 litres/sec at rated RPM Delivery head : 200 mtrs. Speed : 2900 rpm Liquid to be handled : Formation water</p> <p>Specific speed of the pump should not be less than 19 (considering all parameters in metric units).</p> <p>Dynamic balancing of the impellers assembly is required.</p> <p>Heavy duty double bearing should be provided at the non-driving end (NDE) with oil/grease lubrication (Make of the bearing : SKF/FAG).</p> <p>MATERIALS OF CONSTRUCTION :- Impeller : 2 - 2.5 5 Ni Cast Iron Casing : 2 - 2.5 % Ni Cast Iron Diffuser : 2 - 2.5 % Ni Cast Iron Shaft & key : Stainless steel AISI 410 Shaft Sleeve : AISI 410 H Stuffing box : Ni Cast Iron, packed with split V-type teflon packings. Studs for gland flange of stuffing box : SS AISI 410</p> <p>DETAILS OF MOTOR :- Make : Kirloskar/Crompton/Siemens/Bharat Bijilee only H.P. 40 (Forty), Voltage : 415 +/- 10%, 50 Hz AC, 3 Phase</p>	21	NO

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Item No./ Mat. Code	Material Description	Quantity	UOM
	<p>RPM : 2900 Class of Insulation : Class 'F' but temperature rise limited to that of class 'B' Rating : continuous Type of enclosure : Totally enclosed fan cooled (TEFC) with I.P. - 55 protection Maximum permissible temperature rise of the motor : As per IS 325/1961 Type of motor : Squirrel cage Induction motor. Mounting : Horizontal, Foot mounted Drive : Direct coupled with flexible coupling Method of Starting : Star-Delta Shaft extension : To match the driven pump</p> <p>PARTICULARS OF TERMINAL :- 6 terminal cable termination box with 6 brought out terminals suitable for terminating 2 nos. of 3 x 16 sq. mm PVCA/ Alluminium cable. Cable glands to be provided along with the box. Earthing stud : Two Nos. Lifting eye : 1 No.</p> <p>CHARACTERISTICS OF FORMATION WATER TO BE HANDLED :- pH : 7.2 to 8.3 Dissolved salt content : 900 to 10,000 PPM Iron content : 01 to 7.0 PPM Calcium content : 3 to 128 PPM Suspended solids : Traces Temperature of formation water : 10 Deg to 50 Deg C</p> <p>CLIMATIC CONDITIONS :- The motor shall be suitable for operation in the following climatic conditions :- Altitude : 150 m above mean sea level Max. relative humidity : at 21 Deg C - 100 % : at 35 Deg C - 95 % : at 40 Deg C - 70 % Avg. rainfall : 343 cms.</p>		

Special Notes :

The bids must conform to the specifications given above. In case the specifications offered do not conform to the required parameters stipulated in the technical specification, the bids may be liable for rejection. Notwithstanding with the general conformity of the stipulated specifications, the following requirement shall have to be particularly met by the bidders, without which the offer shall be considered as non-responsive and rejected.

1.0 Quotation must be accompanied with the following:

- i) Detailed cross sectional/dimensional drawing of pump and motor
- ii) Characteristics / Performance curves of the pump.

2.0 Bidder must furnish every details of pump and motor as specified in the enquiry.

3.0 Bidder to confirm that the pump and motor shall be supplied in unitized condition.

4.0 The bidder must mention specifically about the Dynamic balancing of the impeller and

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provide necessary details thereof.

5.0 The bidder must have min. 5 yrs. Experience in manufacturing and supplying similar pumps and must submit performance report from the clients, last purchase order executed etc. in support of their past experience. Offer from bidders not having 5 years experience in manufacturing similar pumps will be outrightly rejected

6.0 Bidder must submit complete list of spares of pump indicating materials of construction of each component along with their quotation. The spares list must include part no. so that the spares can be procured in future, by indicating part numbers. "SKF" no. of bearing and SAE No. of #O# rings are to be indicated in the spares list if these happened to be component of the quoted pump .

7.0 Bidder must submit foundation drawing and operation/maintenance manual in the event of order.

8.0 They shall confirm that test and guarantee certificate of motor and pump will be forwarded along with the materials.

9.0 Material Test Certificates of components like Casing, Impellers, Pump Shaft and diffusers etc. must be submitted along with despatch documents.

10. Supplier should emboss permanently the followings on every pumpset supplied:

i)O.I.L. P.O. No.& date

ii)'Manufactured for O.I.L.'