

**OIL INDIA LIMITED**  
(A Govt. of India Enterprise)  
P.O. Duliajan-786602, Assam.  
Fax No. 91-374-2800533, E-mail:material@oilindia.in

**Tender No. & Date : DFD5765L10/09                      06.11.2009**

Bid Security Amount : INR                      0.00 OR USD                      0.00  
(or equivalent Amount in any currency)

**Bidding Type : Single Bid (Composite Bid)**

Bid Closing On : 30.12.2009 at 13:00 hrs. (IST)  
Bid Opening On : 30.12.2009 at 13:00 hrs. (IST)

Performance Guarantee : Not Applicable

OIL INDIA LIMITED have issued Limited tenders to following parties for items detailed below. For General Terms & Conditions, please refer to Document No. MM/GLOBAL/01/2005 available in OIL's web site:

Item No./ Mat. Code	Material Description	Quantity	UOM
<b>10</b> 0C000378	<p><b>8 Inch (203.2 MM) DOWN HOLE MUD MOTOR, STEERABLE, SUITABLE FOR DRILLING 12.1/4" (311.15 MM) HOLE WITH ALL ACCESSORIES AS PER UNDERNOTED SPECIFICATION :-</b></p> <p>Mud Motor OD = 8" (203.2 MM) Lobe configuration = 5:6 (minimum) Stages = 4.0 or more Operating Temperature = up to 120 Degree C (248 Degree F) Motor flow rate = 300-900 GPM (1135-3407 LPM) Displacement = around 0.2 revolution per Gallon at 600 GPM (2271 LPM) Bit speed range = 80 - 180 RPM Bit Pressure Drop range = Between 700 PSI to 1500 PSI (49.2 kg/sq.cm. to 105.5 kg/sq.cm) Motor Diff. Pressure range (at full load) = Between 600 PSI to 900 PSI (42.18 kg/sq.cm. to 63.3 kg/sq.cm) Torque, Operating at differential pressure = not less than 6000 ft-lbs (830 kgf-m) at 600 PSI differential pressure. Torque, Full Load at Differential pressure = not less than 8400 ft-lbs (1161 Kgf-m) at 800 PSI differential pressure. Power output = not less than 200 HP (149 kW) Bit size range = 9.1/2" - 12.1/4" (241.30 MM - 311.15 MM) Setting angle range of adjustable bent housing (ABH) = 0 to 3 Degree (with industry standard sub divisions) Top thread connection = 6.5/8" (168.275 mm) API Reg. RH Box Bottom thread connection = 6.5/8" (168.275 mm) API Reg. RH Box Overall length = 9.00 mtrs. (maximum)</p> <p>* All bearings should be mud-lubricated, tungsten carbide type. * The dump valve section and straight housing should be integral to the motor and the joints should be power tightened. * Motor should be suitable for use (with water base mud) in soft to medium formations for both directional as well as performance drilling either with TCR (i.e. both mill tooth &amp; insert) or PDC bits. * Motor should be complete with elevator sub for lifting purpose. The elevator</p>	1	NO

	<p>sub should be suitable for use with 18-degree taper shouldered 5" OD drill pipe elevator.  * Motor should be complete with safety catch in order to prevent fishing operation on a broken motor in the well.  * Dump sub connections should preferably be 6.5/8" (168.275 mm) API Regular Box up x Pin down.</p> <p><b><u>Accessories for the above mud motor:</u></b>  8" (203.2 MM) OD universal bottom hole orientation sub having 168.275 mm (6.5/8") API regular right hand box up &amp; pin down connection, complete with sleeve, key, set screw &amp; orientation tool, suitable for landing Eastman Christensen's 44.54 mm (1.3/4") OD type single shot survey instrument.  Qty - 1 No.</p>	
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**NOTES FOR BIDDERS:**

- A01. Quotation must accompany relevant product catalogue, literature, drawing illustrating all components etc. along with performance curves of the mud motor. Bidders must specify the offered items in details. They should submit original company catalogue.
- A02. The bidder should forward Operation, service & maintenance manual (indicating assembling & disassembling procedures), drawing and spare parts book having illustrated drawings and exploded views of the items with part nos. One set must be forwarded with the quotation and three sets with the consignment.
- A03. Bidder should forward a list of recommended spares for 2 (two) years trouble free operations together with drawing of the parts indicating names and part number. However, the cost of these spares will **not be considered** for bid evaluation purpose.
- A04. All test certificates / report (including dynamometer test) for mud motor should be forwarded along with the consignment (bidder must confirm the same while quoting).
- A05. Items should be suitably coated with a protective coating both internally and externally to prevent corrosion and rusting during transit.
- A06. Bidders to quote their best delivery schedule indicating sea freight.
- A07. Bidder should indicate the name of manufacturer & country of origin.
- A08. All parts of the mud motor should be marked suitably for identification purpose. Additionally P.O. No. (in the event of order) should be die stamped on the motor.
- 1.0 In case the bidder is not Original Equipment Manufacturer (OEM), proper authorization certificate (in original) is required with a back up Warranty and Guarantee from the OEM to quote against this tender failing which the offer will be liable for rejection.
  - 1.1 Quotation must be submitted in triplicate.
  - 2.0 Bid Rejection Criteria (BRC) and Bid Evaluation Criteria (BEC) vide **Annexure II** shall be applicable to this Tender.
  - 3.0 Technical Check-List and Commercial Check-list vide **Annexure III** should be filled-up and submitted along with the offer.

- 4.0 The items shall be brand new, unused & of prime quality. The manufacturer shall warrant (in the event of an order) that the product supplied will be free from all defects & fault in material, workmanship & manufacture and shall be in full conformity with ordered specifications. This clause shall be valid for 18 months from date of shipment or 12 months from date of commissioning of the items. The defective materials, if any, rejected by us shall be replaced by the supplier at their own expense. Bidders must confirm the same in their quotations.
- 5.0 To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be summarily rejected.
- 5.1 The items covered by this tender shall be used by Oil India Limited in the PEL/ML areas which are issued/renewed after 01/04/99 and hence Nil Customs Duty during import will be applicable. Indigenous bidder shall be eligible for Deemed Export Benefit against this purchase. Details of Deemed Export are furnished vide Addendum to MM/GLOBAL/01/2005 enclosed.
- 5.2 Other terms and conditions of the tender shall be as per General Terms and Conditions for Global Tender (Document MM/GLOBAL/01/2005). However, if any of the Clauses of the Bid Rejection Criteria (BRC) / Bid Evaluation Criteria (BEC) mentioned here contradict the Clauses in the General Terms & Conditions of Global Tender of the tender and/or elsewhere, those mentioned in this BEC / BRC shall prevail.
- 5.3 The following clause to be added as para 34.0 of Section A of General terms and Condition for Global Tender (MM/GLOBAL/01/2005).  
*Clause 34.0* SET-OFF - Any sum of money due and payable to the contractor (including Security Deposit refundable to them) under this or any other contract may be appropriated by Oil India Limited and set-off against any claim of Oil India Limited (or such other person or persons contracting through Oil India Limited) for payment of a sum of money arising out of this contract or under any other contract made by the contractor with Oil India Limited (or such other person or persons contracting through Oil India Limited).

**BID REJECTION CRITERIA (BRC)/BID EVALUATION CRITERIA (BEC)**

**I) BID REJECTION CRITERIA (BRC)**

The bids must conform to the specifications, terms, and conditions given in the NIT. Bids shall be rejected in case the items offered do not conform to the required minimum / maximum parameters stipulated in the technical specifications and to the respective international / national standards wherever stipulated. Notwithstanding the general conformity of the bids to the stipulated specifications and terms and conditions, the following requirements shall have to be particularly met by the bidders, without which the offer will be considered as non-responsive and rejected:

**(A) TECHNICAL :**

1. Bidders / Manufacturers who have not supplied the offered make of MUD MOTOR to OIL INDIA LIMITED in the past must have an experience of supplying at least three (3) Nos. MUD MOTORS of offered make in the last 3 years prior to the Bid Closing date. They must enclose the details of past supplies and Performance Certificate from at least two (2) end users along with the offer.
2. The OD of MUD MOTOR should be 8".
3. The minimum lobe configuration of MUD MOTOR should be 5:6 (with at least 4 stages).
4. The MUD MOTOR should be suitable for operation in temperature range up to 120 degree C.
5. The MUD MOTOR should be capable of handling flow rate of 300-900 GPM (1135-3407 LPM)
6. The MUD MOTOR should have a bit speed of 80-180 RPM.
7. The MUD MOTOR differential pressure at full load should be within 600 to 900 psi (42.18 kg/sq.cm. to 63.3 kg/sq.cm).
8. The torque (at full load) of MUD MOTOR should not be less than 8400 ft-lbs (1161 kg-m) at 800 PSI differential pressure.
9. The MUD MOTOR should be capable of delivering a minimum power of 200 HP (149 kw).
10. The MUD MOTOR should be suitable for use with bit sizes ranging from 9.1/2" - 12.1/4" (i.e. TCR & PDC bits).
11. The MUD MOTOR should have adjustable bent housing (for setting angle between 0 to 3 degree) with industry standard sub divisions.
12. The top & bottom connections of MUD MOTOR should be 6.5/8" (168.275 mm) API Reg. RH Box.
13. The overall length of MUD MOTOR should not be more than 9.00 Mts.
14. All bearings of MUD MOTOR should be mud-lubricated.
15. The MUD MOTOR should have a safety catch as indicated in the specification.
16. Bottom Hole Orientation sub should be exactly as per the specification indicated.

**(B) COMMERCIAL :**

Commercial Bid Rejection Criteria will be as per Section D of General Terms & Conditions of Global Tender (MM/GLOBAL/01/2005) with following Special Bid Rejection Criteria.

- 1.0 Bids are invited under **Composite Bid System**. Bidders shall quote accordingly under **Composite Bid System**. Any offer not complying with the above will be rejected straightway.
- 2.0 Bid security – Not applicable.
- 3.0 Validity of the bid shall be minimum 4 months (120 days) from the date of bid opening. Bids with lesser validity will be rejected.

4.0 Bidders must confirm that Goods, materials or plant(s) to be supplied shall be new of recent make and of the best quality and workmanship and shall be guaranteed for a period of eighteen months from the date of shipment/dispatch or twelve months from the date of commissioning whichever is earlier against any defects arising from faulty materials, workmanship or design. Defective goods/materials or parts rejected by OIL shall be replaced immediately by the supplier at the supplier's expenses at no extra cost to OIL.

5.0 Performance Bank Guarantee – Not applicable.

6.0 **Bidders are required to submit the summary of the prices in their commercial bids as per bid format ( Summary ), given below :**

(i) **Commercial Bid Format ( SUMMARY ) for Foreign Bidders :**

- (A) Total material cost of the Mud Motors
- (B) Packing & FOB Charges
- (C) Total FOB Port of Shipment value, ( A + B ) above
- (D) Ocean Freight Charges upto Kolkata, India
- (E) Insurance Charges
- (F) Total CIF Kolkata value, ( C + D + E )
- (G) Total value in words :
- (H) Gross Weight :
- (I) Gross Volume :

(ii) **Commercial Bid Format ( SUMMARY ) for Indigenous Bidders :**

- (A) Total material cost of the Mud Motors
- (B) Packing and Forwarding Charges
- (C) Total Ex-works value, ( A + B ) above
- (D) Excise Duty with Education Cess, (Please indicate applicable rate of Duty)
- (E) Sales Tax, (Please indicate applicable rate of Tax)
- (F) Total FOR Despatching station price, ( C + D + E ) above
- (G) Road Transportation charges to Duliajan
- (H) Insurance Charges
- (I) Assam Entry Tax
- (J) Total FOR Duliajan value, ( F + G + H + I ) above
- (K) Total value in words :
- (L) Gross Weight :
- (M) Gross Volume :

**NOTE :** The item covered under this enquiry will be used by OIL in the PEL/ML areas issued/renewed after 01/04/99 and hence applicable Customs Duty for import of goods shall be ZERO. Indigenous bidders shall be eligible for Deemed Export. Excise Duty under Deemed Export exempted.

## **II) BID EVALUATION CRITERIA (BEC):**

Bids conforming to the specifications, terms and conditions stipulated in the tender and considered to be responsive after subjecting to the Bid Rejection Criteria will be considered for further evaluation as per the Bid Evaluation Criteria mentioned in Section D of General Terms & Conditions of Global Tender (MM/GLOBAL/01/2005).

CHECK LIST**(A) TECHNICAL CHECK LIST**

THE CHECK LIST MUST BE COMPLETED AND RETURNED WITH YOUR OFFER. PLEASE ENSURE THAT ALL THESE POINTS ARE COVERED IN YOUR OFFER. THESE WILL ENSURE THAT YOUR OFFER IS PROPERLY EVALUATED. PLEASE TICK MARK 'YES' OR 'NO' TO THE FOLLOWING QUESTIONS, IN THE RIGHT HAND COLUMN.

Sl#	REQUIREMENT	COMPLIANCE
1.	Whether the OD of offered MUD MOTOR is 8" & is suitable for drilling 12.1/4" hole size?	YES/NO
2.	Whether the offered MUD MOTOR is having the flow rate of 300-900 GPM (1135-3407 LPM)?	YES/NO
3.	Whether the torque (at full load) of offered MUD MOTOR is more than or equal to 8400 ft-lbs (1161 kgf-m)?	YES/NO
4.	Whether the top & bottom connections of offered MUD MOTOR are 6.5/8" (168.275 mm) API Reg. RH Box respectively?	YES/NO
5.	Whether the offered MUD MOTOR is with adjustable bend housing (0 to 3 degree)?	YES/NO
6.	Whether the length of offered MUD MOTOR is less than or equals to 9.00 Mtrs?	YES/NO
7.	Whether the bearings of offered MUD MOTOR is mud-lubricated?	YES/NO
8.	Whether the offered MUD MOTOR is furnished with elevator sub for lifting purpose & suitable for use with 18 degree taper shoulder 5" OD drill pipe elevator?	YES/NO
9.	Whether the offered universal bottom hole orientation sub is exactly as per the specification?	YES/NO
10.	Whether relevant Catalogue, Drawing, Literature & installation, maintenance, operation & service manual (with illustrated drawings & exploded views) along with performance curves enclosed?	YES/NO
11.	Whether the list of recommended spares for MUD MOTOR is enclosed indicating quantity & price?	YES/NO
12.	Whether the name of manufacturer & country of origin indicated?	YES/NO
13.	Whether the authorization from OEM together with warranty back-up enclosed?	YES/NO

Offer Ref ..... Dated .....

OIL's Tender No..... Signed .....

For & on behalf of .....Designation .....

**( B ) COMMERCIAL CHECK LIST**

Sl#	REQUIREMENT	Compliance
1.0	Whether bid submitted under Composite Bid System?	YES/NO
2.0	Whether quoted as manufacturer?	YES/NO
2.1	Whether quoted as Supply House / Distributor. To Specify-	YES/NO
2.2	If quoted as Supply House / Distributor,	
	(a) Whether submitted valid and proper authorization letter from manufacturer confirming that bidder is their authorized Supply House for the product offered?	
	(b) Whether manufacturer's back-up Warranty/Guarantee certificate submitted?	YES/NO
3.0	Whether offered firm prices?	YES/NO
3.1	Whether quoted offer validity of 4 months from the date of closing of tenders?	YES/NO
3.2	Whether quoted a firm delivery period?	YES/NO
3.3	Whether agreed to the NIT Warranty clause?	YES/NO
3.4	Whether Price submitted as per Price Schedule(refer Para 6.0 of BRC vide Annexure – II)	YES/NO
3.5	Whether cost of Recommended Spares for 2 years of operations quoted?	YES/NO
3.6	Whether quoted as per NIT (without any deviations)?	YES/NO
3.61	Whether quoted any deviation?	YES/NO
3.62	Whether deviation separately highlighted?	YES/NO
3.7	Whether indicated the country of origin for the items quoted?	YES/NO
3.71	Whether technical literature / catalogue enclosed?	YES/NO
3.72	Whether weight & volume of items offered indicated?	YES/NO
4.0	For Foreign Bidders - Whether offered FOB / FCA port of despatch including sea / air worthy packing & forwarding?	YES/NO
4.1	For Foreign Bidders – Whether port of shipment indicated. To specify:	YES/NO
4.2	Whether Indian Agent applicable?	YES/NO
	If YES, whether following details of Indian Agent provided?	YES/NO
	(a) Name & address of the agent in India – To indicate	
	(b) Amount of agency commission – To indicate	
	(c) Whether agency commission included in quoted material value?	
5.0	For Indian bidders – Whether indicated the place from where the goods will be dispatched. To specify :	YES/NO
5.1	For Indian bidders – Whether road transportation charges up to Duliajan quoted?	YES/NO
5.2	For Indian Bidders only - Whether offered Ex-works price including packing/forwarding charges?	YES/NO
5.3	For Indian Bidders only - Whether indicated import content in the offer?	YES/NO
5.4	For Indian Bidders only - Whether offered Deemed Export prices?	YES/NO
5.5	For Indian Bidders only – Whether all applicable Taxes & Duties have been quoted?	
6.0	Whether all BRC/BEC clauses accepted?	YES/NO

Offer Ref ..... Dated .....

OIL's Tender No..... Signed .....

For &amp; on behalf of .....Designation .....

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**Tender Date** : 06.11.2009  
**Bid Closing On** : 30.12.2009 at 13:00 hrs.(IST)  
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**Tender issued to following parties only:**

Slno	V_Code	Vendor Name	City/Country
1	100068	SMITH INTERNATIONAL INC	TEXAS - 77032
2	100098	DRESSER INDUSTRIES INC	WISCONSIN
3	100117	NATIONAL OILWEL VARCO	CANADA - T6E5P4
4	100234	CHINA PETROLEUM TECHNOLOGY AND	
5	100457	WEATHERFORD OIL TOOL MIDDLE-EAST LT	DUBAI
6	100714	HALLIBURTON EXPORT INC	DUNCAN
7	100846	BICO DRILLING TOOLS INC	TEXAS 77032
8	100849	DRILEX PRODUCTS DIVISION	TEXAS
9	100921	R B ENERGY SERVICES	
10	100964	FORUM OILFIELD TECHNOLOGIES INC	SAN ANTONIO, TX
11	101104	ABSOLUTE INTERNATIONAL HOLDINGS LTD	CANADA T6L 6Z5
12	101261	NEOGENERATIONS, DEVICES & TECHNOLOG	NEW YORK
13	101263	PRECISION DRILLING TECHNOLOGY SERVI	ALBERTA, CANADA T6E 5L4
14	101384	CAVO DRILLING MOTORS	HOUSTON