

OIL INDIA LIMITED(A Govt. of India Enterprise)
P.O. Duliajan-786602, Assam.

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ANNEXURE-I**Tender No. : DFS4403L15/01****Tender Date : 28.07.2014**

Item No./ Mat. Code	Material Description	Quantity	UOM
10 03548380	<p>TUBING HEAD SPOOL</p> <p>Tubing Head Spool for Tubing Head Assembly, 228.6mm(9") x 279.4mm(11"), 352.1 kg/cm2 (5,000 psi) W.P., with provision for installation of SCSSSV, conforming to API specification 6A, latest edition.</p> <p>Tubing Head Spool, Straight Bore Bowl design with a landing shaller to accept mandrel type tubing hanger as described under Mat Code: 03548386. The tubing head spool shall be designed conforming to API specification 6A latest edition, API monogram shall be engraved on the body of the spool. It shall have the following minimum requirements & provisions:</p> <p>Material : Minimum 60 K API forged steel Product specification level : 2 Performance requirement ; PR1 Material Class / Fluid Service : AA Temperature Rating : U Working Pressure : 352.11 kg./cm2 (5,000 psi) Test Pressure : 528.2 kg./cm2 (7,500 psi) Top Connection :</p> <p>Type: Flanged RTJ API type 6 B Size: 228.6 mm (9 inch), RX 50 W.P : 352.11 kg.cm2 (5,000 psi) Top flange shall be provisioned for Tie-down Screws, to be designed with packing in front of the threads to prevent contamination of the threads by Well Bore Fluids and eliminate a buildup of solids behind the tie-down screws which might prevent retraction. These shall also be provided external oil seals on tie-down screws to protect the threads from atmospheric corrosion.</p> <p>Bottom Connection :</p> <p>Type : Flanged, RTJ, API type 6 B Size : 279.4 mm (11"); RX 54 W.P. : 352.11 kg./cm2 (5,000 psi) Bottom Preparation : Suitable preparation to accept removable type Bit pilot / Bit guide and plastic injection type secondary seal assembly as described under Mat Code: 03548383 injection testing port facilities including requisite port check valves installed with inner & outer plug for extra safety. Preparation shall be such that it retains the secondary seal assembly in place independently by means of snap or retainer ring without resting on the primary seal. The design of the secondary seal assembly shall be such that it must seal off the casing independently irrespective of make and type of primary seal assembly.</p> <p>Side Outlets: Two diametrically (180 ° apart) opposite side outlets to be provided as under:</p> <p>Type : Studded RTJ, API 6 B complete with Stud Bolts & Nuts made up. Size: 52.4 mm (2.1/16"); RX 24 ring groove Working Pressure: 352.11 kg./Sq.cm (5,000 psi) Both side outlets are to be provided with 1.1/2" V. R. Threads. Requisite nos. of studs & nuts shall be supplied</p>	2	NO

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20 03548383	<p>ACCESSORIES FOR TUBING HEAD SPOOL</p> <p>BIT PILOT / GUIDE AND EXTERNALLY ENERGIZED, REMOVABLE TYPE SECONDARY SEAL ASSEMBLY, 7" OD CASING for Tubing Head Assembly, 228.6mm(9") x 279.4mm(11"), 352.1 kg/cm² (5,000 psi) W.P., with provision for installation of SCSSSV, conforming to API specification 6A, latest edition.:</p> <p>Bit Pilot to be used in conjunction with secondary seal assembly for installation in tubing head spool as described under Mat Code: 03548380 and held in place by snap / retainer ring. The bit pilot shall be such that it prevents casing & secondary seal assembly from getting damaged during running in of any down hole tools.</p> <p>Removable, externally energized Secondary Seal Assembly, 5,000 psi W.P. to suit bottom preparation of tubing head spool as described under Mat Code: 03548380 and to seal off 177.8 mm (7") OD casing complete with requisite quantity of packing sticks, snap / retainer rings and other related accessories. The design of the Secondary Seal shall be such that when it is housed in the bottom flange of the tubing head spool, it shall be held in place by snap / retainer ring and must be capable of sealing off the casing independently without resting on primary seal.</p> <p>Redress kit: One set of complete redress kit shall be supplied with each seal assembly comprising of all seal rings/elastomers, snap/retainer rings.</p>	1	NO
30 03548386	<p>TUBING HANGER, SUSPENSION MANDREL TYPE, 3.5" VAM TOP for Tubing Head Assembly, 228.6mm(9") x 279.4mm(11"), 352.1 kg/cm² (5,000 psi) W.P., with provision for installation of SCSSSV, conforming to API specification 6A, latest edition.</p> <p>Tubing hanger single completion, suspension mandrel type with extended seal necks complete with additional upper seal rings to be energized by pack off adapter flange as described under Mat Code: 03548390 and lower seal rings to be energized by the tubing weight. The hanger shall be threaded with VAM Top box threads at both top & bottom for lifting & hanging 88.90 mm (3.5 inch) OD, 13.69 kg/m (9.2 ppf) tubing. The hanger shall be provisioned for the following:</p> <p>i) B.P.V. threads for installing 76.2 mm (3.0 inch) back pressure valve.</p> <p>ii) Two diametrically (180° apart) opposite ports of suitable size through tubing hanger with 12.7 mm (1/2 inch) NPT end preparation to receive 6.35 mm (1/4 inch) continuous control lines to operate down hole SCSSSV.</p> <p>iii) All metal to metal seals.</p> <p>The tubing hanger shall be made out of forged steel meeting at least API 60K grade materials, PSL-2, U-AA, PR-1. The working pressure shall to 352 kg/cm² (5,000 psi). The hanger shall be fitted with requisite numbers of seal rings and suitably protected to prevent from transit damage.</p> <p>Redress kit: One set of complete redress kit shall be supplied with each hanger comprising of all seal rings/elastomers.</p>	1	NO
40 03548390	<p>PACK-OFF ADAPTER FLANGE, 3.1/8" X 9", 5000 PSI for Tubing Head Assembly, 228.6mm(9") x 279.4mm(11"), 352.1 kg/cm² (5,000 psi) W.P., with provision for installation of SCSSSV, conforming to API specification 6A, latest edition.</p>	1	NO

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Item No./ Mat. Code	Material Description	Quantity	UOM
	<p>Pack-off Adapter Flange, API monogrammed, to fit over extended seal neck tubing hanger as described under Mat Code: 03548386 to provide a secondary seal and to be installed over the tubing head spool as described under material code 03548380. The adapter flange shall have two diametrically (180 ° apart) opposite suitably designed exit ports for surface controlled subsurface safety valve continuous control line of 6.35 mm (1/4 inch) received through the tubing hanger as described under Mat Code: 03548386. The exit ports shall have 12.7 mm (1/2" NPT) connection for operation of SCSSSV. The pack-off Adapter Flange shall have the following features:-</p> <p>Materials: Forged, Steel, Minimum API 60 K, PSL-2, U-AA, PR-2. Top: Studded, RTJ, API 6 B Size: 79.38 mm (3.1/8"), 5,000 psi W.P., RX 35. Bottom: Flanged, RTJ, API 6 B Size: 228.6 mm (9"), 352 Kg/cm2, (5,000 psi) W.P. RX 50 One no. Rx50 RTJ gasket and requisite nos. of studs & nuts shall be supplied.</p>		
50 03548395	<p>TOOLS & ACCESSORIES FOR for Tubing Head Assembly, 228.6mm(9") x 279.4mm(11"), 352.1 kg/cm2 (5,000 psi) W.P., with provision for installation of SCSSSV, conforming to API specification 6A, latest edition.</p> <p>Tools and Accessories for above mentioned Tubing head assembly (comprising of items with material codes 03548380, 03548383, 03548386 & 03548390)as per quantities mentioned below:</p> <p>a) One no.3" NB, 5000 psi BPV. b) One no.1.1/2" NB V.R. Plug, 5000 psi. c) Two set of Allen Wrench and one no. of plastic Insertion gun.</p>	2	SET

Note description for item no./nos. : 10, 20, 30, 40, 50**COMMON NOTE:**

1. Materials shall be new unused and free from any defect; bidder to confirm to provide guarantee of same while quoting. The guarantee shall be valid for 18 months from the date of shipment or 12 months from date of commissioning of the materials at site whichever is earlier.
2. Bidder to provide detail list of offered items with quantity, detailed drawings, product catalogues, storing procedures & redressing procedures for Tubing Hanger/ Secondary Seal assembly etc. along with the bid.
3. A copy of manufacturer's valid API6A Authorization Certificates shall be submitted along with technical bid.
4. The materials shall be inspected by any of OIL'S Approved Third Party Inspection Agency (viz. M/S Lloyds or M/S Bureau Veritas or M/S RITES or M/S DNV or M/S IRS only) covering the following aspects to ensure conformance to ISO 10423 / API 6A Standard.
 - a. Design & Performance.
 - b. Metallurgy.
 - c. Welding (if any).
 - d. Quality Control.
 - e. Equipment Marking.
 - f. Packaging & shipping.
- 4.1. Inspection report / materials release note and all the relevant documents verified by the TPI agency shall be supplied to OIL along with the materials.

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4.2. However, in case of non availability of OIL approved TPI agency supplier obtain grant OIL's prior approval for the same. OIL reserves the right to accept / reject other TPI agency.

5. Equipment Marking: Manufacturer's name, API Monogram, rated working pressure, bore sizes, service conditions, PSL, PR, Assembly Serial Number, OIL's purchase order no. & year of manufacture are to be marked permanently (embossed, die-stamped or stenciled) on the body as well as on the nameplate.

6. Items with material codes 03-54-8380, 83, 86, 90 & 95 shall be procured from the same source for reason of compatibility.

Special Notes : 1.0 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 Custom 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-July2012 enclosed.

2.0 Bidders are required to quote with minimum validity of 120 days from the Bid Closing Date as per NIT requirement. BIDS with lesser validity shall be rejected.

3.0 Bidders have to indicate the minimum FOB/FCA charges in case of partial order for reduced quantity/items. In case this is not indicated specifically, the charges quoted would be prorated calculated and the same will be binding on the bidder.

4.0 Bidders are required to mention the weight of each item individually. QUOTATION must be submitted in **TRIPLICATE** with original company catalogues as well as necessary certificates.

5.0 Please mention clearly in your quotation the Net. Weight, Gross Weight & Volume, Indian Agent's Name and its Commission, Payment Terms, Ocean Freight/Air Freight Charges, Port of Loading, Delivery period, Country of origin with manufacturer's name, etc.

6.0 Bidders who have successfully executed OIL's Purchase Order for the items in the tender are eligible to bid against this tender. However, the bidder must fulfill the criteria under clause 1.0 of "General Terms & Conditions" (Document No. MM/GLOBAL/01/2005-July2012).

Tender No. : DFS4403L15/01
Tender Date : 28.07.2014
Bid Closing On : 17.09.2014 at 13:00 hrs.(IST)
Bid Opening On : 17.09.2014 at 13:00 hrs.(IST)

Tender issued to following parties only:

Slno	V_Code	Vendor Name	City/Country
1	100457	WEATHERFORD OIL TOOL MIDDLE-EAST LT	DUBAI
2	100626	VETCO GRAY (PTE) LTD	SINGAPORE
3	101612	FMC TECHNOLOGIES SINGAPORE PTE. LTD	SINGAPORE
4	102893	AKER SOLUTIONS SINGAPORE PTE LTD.,	SINGAPORE
5	102894	DRIL-QUIP HOUSTON	TEXAS,HOUSTON
6	200011	BHARAT HEAVY ELECTRICALS LIMITED	NEW DELHI
7	201975	JVS ENGINEERS	VADODARA
8	210095	AKER MH (INDIA) PVT LIMITED	MUMBAI