



TENDER NO. SSG9136P16/01

DATE: 03.11.2015

INVITATION TO e-BID UNDER SINGLE STAGE 2-BID SYSTEM

Dear Sirs,

OIL invites Bids for the supply of **5,000 PSI X-MASS TREE ASSY.** through **INTERNATIONAL COMPETITIVE BIDDING - SINGLE STAGE TWO BID SYSTEM** in its e-Procurement site. The bidding documents and other terms and conditions are available at Booklet No.MM/GLOBAL/E-01/2005. The prescribed Bid Forms for submission of bids are available in the tender document folder.

The general details of tender can be viewed by opening the RFx [Tender no.] under RFx and Auctions page. The details of items tendered can be found under Item tab and details can be found under Technical RFX.

The tender is invited with firm price for the specified quantity. Further details of tender are given in Technical Rfx -> External Area - > Tender Documents as **ANNEXURE 1A.**

THE TENDER WILL BE GOVERNED BY:

- a) "General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005-July 2012 for E-procurement (ICB Tenders).
- b) Technical specifications, Quantity and General Notes for 5,000 PSI X-MASS TREE ASSY as per **Annexure – 1A.**
- c) The prescribed Bid Forms for submission of bids are available in the Technical Rfx -> External Area - > Tender Documents. Technical Checklist and Commercial Checklist vide **Annexure IV** must be filled-up and submitted along with the technical bid.
- d) The items covered by this enquiry 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 Benefit are furnished vide Addendum to MM/GLOBAL/E-01/2005 enclosed.

SPECIAL NOTE:

- 1.0 Please note that all tender forms and supporting documents are to be submitted through OIL's e-Procurement site only except following documents which are to be submitted manually in sealed envelope super scribed with tender no. and due date to **The Head Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam** on or before **13.00 Hrs. (IST)** on the Bid Closing Date mentioned in the Tender.

- a) **Original Bid Security.**
- b) **Details Catalogue with API Certificates of the mill.**
- c) **Any other document required to be submitted in original as per tender requirement**

All documents submitted in physical form should be signed on all pages by the authorised signatory of the bidder and to be submitted in triplicate.

- 2.0 Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the bid or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in the rejection of its offer without seeking any clarifications.
- 3.0 **All the Bids must be Digitally Signed using “Class 3” digital certificate (e-commerce application) with organisation name as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India.**
- 4.0 Bidders must ensure that their bid is uploaded in the system before the tender closing date and time. Also, they must ensure that above documents which are to be submitted in a sealed envelope are also submitted at the above mentioned address before 13.00 Hrs. (IST) on the bid closing date failing which the offer shall be rejected.
- 5.0 **TWO BID SYSTEM** shall be followed for this tender and only the priced bids of the bidders whose offers are commercially and technically acceptable shall be opened for further evaluation.
- 6.0 **Please ensure that Technical Bid / all technical related documents related to the tender are uploaded in the Technical RFx Response-> User - > Technical Bid only. The “TECHNO-COMMERCIAL UNPRICED BID” shall contain all techno-commercial details except the prices. Please note that no price details should be uploaded in Technical RFx Response.**
- 7.0 The “**PRICE BID**” must contain the price schedule and the bidder’s commercial terms and conditions. **The prices of the items should be quoted in “Conditions Tab”.**
- 8.0 **The Integrity Pact is applicable against this tender.** OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide **Annexure XII** of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL’s competent signatory. The proforma has to be returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder’s authorized signatory who sign the Bid

Yours Faithfully

Sd-
(S. K. SAHU)
SR.PURCHASE OFFICER (FS)
FOR HEAD-MATERIALS



ANNEXURE-IA

Tender No. & Date	: SSG9136P16/01	DATE: 03.11.2015
Tender Fee	: INR 4500.00	OR USD 100.00
Bid Security Amount	: INR 3,49,100.00	OR USD 5310.00 (or equivalent Amount in any currency)
Bidding Type	: SINGLE STAGE TWO BID SYSTEM	
Bid Closing on	: 06.01.2016 at 11.00 Hrs. IST	
Bid Opening on	: 06.01.2016 at 14.00 Hrs. IST	
Bid Validity date.	: Bid should be valid for 180 days from bid closing date.	
Bid Bond Validity	: Bid Bond should be valid up to 06.01.2017. (Bid bond format has been changed. Please submit bid bond as per revised format failing which offer will be rejected)	
Performance Guarantee	: Applicable @ 10% of order value.	

OIL INDIA LIMITED invites Global tenders for items detailed below:

TECHNICAL SPECIFICATIONS WITH QUANTITY

SL. NO. & MATERIAL CODE	MATERIAL DESCRIPTION	QUANTITY	UNIT
10 ----- 03566211	CHRISTMAS TREE Christmas Tree Assy., 351 Kg./Cm. Sq. (5000 psi) Working Pressure, 65.09 mm (2.9/16") x 52.39 mm (2.1/16"), Double Arm single string conforming to API specification 6A (latest edition), as detailed below: Material : Minimum 60 K API Cast Forged Alloy Steel Product specification level: PSL 1 Performance Rating : PR 1 Material Class : AA Temperature Rating : U Working Pressure : 351 Kg/Cm. sq.(5000 psi) Test Pressure : 526 Kg/Cm. Sq.(7500 psi)	35	NOS.

	<p>1(a) <u>CROSS PIECE</u>: (Qty 01 no. per set)</p> <p>Cross Piece, full bore, double arm, 351 kg/Cm. Sq. (5000 psi) working pressure. Top & Bottom connection shall be studded/ flanged, 65.09 mm (2.9/16"), RX 27 ring grooved. Side connection shall be studded/ flanged, 52.39 mm(2.1/16"), RX 24 ring grooved. Cross piece shall be tapped 1/2" NPT in the center, plugged with suitable blind plug.</p> <p>1(b) <u>MASTER VALVE & TOP VALVE</u>:(Qty 02 nos. per set)</p> <p>Gate Valves (one master valve & one top valve),cast/ forged alloy Steel, 65.09 mm (2.9/16"), 351 Kg./Cm.Sq. (5000 psi) working pressure, flanged end, RX 27 ring grooved, full bore through conduit, complete with hand wheel.</p> <p><u>Internal construction</u>: Replaceable gate and seat assembly, parallel solid slab gate construction with floating seat, back seat arrangement on the stem, non-rising stem supported on two thrust bearings, with plastic packing and grease injection ports.</p> <p><u>Assembly Instruction</u>: One no. below cross piece {item 1(a)} and one no. above cross piece{item 1(a)}.</p> <p>1(c) <u>ADAPTER SPOOL</u>: (Qty 01 no. per set)</p> <p>Adapter spool, full bore, 351 Kg./Cm.sq. (5000 psi). Top connection shall be studded, 65.09 mm (2.9/16"), RX 27 ring grooved, complete with studs & nuts. Bottom connection shall be flanged, 79.38 mm (3.1/8"), RX 35 ring grooved.</p> <p><u>Assembly instruction</u>: Below the master valve {item 1(b)}</p> <p>1(d) <u>CHRISTMAS TREE CAP/ TOP CONNECTOR</u>: (Qty 01 no. per set)</p> <p>Christmas Tree cap, 65.09 mm (2.9/16") Nominal size, 351 Kg./Cm.sq. (5000 psi) working pressure, comprising of body, blanking plug and bonnet nut, compatible to top valve {item no.1(b)}. The body of Christmas tree cap shall have internal O ring, internal lift thread of 73.03mm (2.7/8") EUE 8TPI API Round threads, and bottom connection shall be flanged, 65.09 mm (2.9/16"), RX 27 ring grooved. The external connecting thread shall be 5.3/4" OD, 4TPI, ACME 2G screw thread. The blanking plug shall have O ring, 1/2" NPT bleed port at top, plugged with 1/2" NPT blind plug. The bonnet nut shall have wings and internal connecting threads shall be 5.3/4" OD, 4 TPI, ACME 2G screw thread.</p> <p><u>Assembly instruction</u>: Above the top valve {item 1(b)}</p> <p>1(e) <u>SIDE VALVE</u> : (Qty 02 nos. per set)</p> <p>Gate Valves, cast/forged alloy Steel, 52.39mm (2.1/16"), 351 Kg./Cm.sq. (5000 psi) working pressure, flanged end, RX 24 ring grooved, full bore through conduit, complete with hand wheel.</p> <p><u>Internal construction</u>: Replaceable gate and seat assembly, parallel solid slab gate construction with floating seat, back seat arrangement on the stem, non-rising stem supported on two thrust bearings, with plastic poacking and grease injection ports.</p> <p><u>Assembly instruction</u>: one no. in each side of the cross piece {item 1(a)}.</p> <p>1(f) <u>POSITIVE CHOKE ASSEMBLY</u>: (Qty. 02 nos. per set)</p>		
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	<p>Positive Choke assembly, full bore, 351 Kg./Cm.sq. (5000 psi) working pressure, complete with Honest John Bean adapter and cap for changing bean. Inlet connection shall be flanged, 52.39mm (2.1/16"), RX 24 ring grooved, compatible to side valve{item no.1(e)}. Outlet connection shall be screwed, 52.39 mm (2.1/16"), 2" Line Pipe internal threaded, compatible to nipple {item no. 1(g)}.</p> <p><u>Assembly instruction:</u> In between side valve {item 1(e)} and nipple {item 1(g)} in each arm of X Mass tree. The outlet of Positive choke assembly shall be pointing opposite to spindle of Side Valve {item 1(e)} so that the arms of the Christmas Tree will be at 90° angle to flow direction of Master Valve & Top Valve {item 1(b)}.</p> <p>1(g) NIPPLE: (Qty 02 nos. per set)</p> <p>Nipple, Line Pipe Threaded, 50mm (2") NB, 351 Kg./Cm.Sq (5000 psi) working pressure, tapped 1/2" NPT at the centre plugged with 1/2" NPT blind plug, length 304.8mm (12").</p> <p><u>Assembly Instruction:</u> After positive choke assembly {item 1(f)} in each arm of X Mass tree.</p> <p>1(h) <u>ARM VALVE</u>:(Qty 02 nos. per set)</p> <p>Gate Valve, cast/ forged alloy steel, 52.39mm (2.1/16"), 351 Kg./Cm.Sq (5000 psi)working pressure, Screwed end, 50mm (2") NB Line Pipe internal threaded, full bore through conduit complete with hand wheel.</p> <p><u>Internal Construction:</u> Replaceable gate and seat assembly, parallel solid slab gate construction with floating seat, back seat arrangement on the stem,non-rising stem supported on two thrust bearings with plastic packing and grease injection ports.</p> <p><u>Assembly Instruction:</u> One no. after the nipple {item 1(g)} in each arm of X Mass tree.</p> <p>1(i) <u>BULL PLUG</u>: (Qty 02 nos. per set)</p> <p>Bull plug, 2" Line pipe Threaded, 351 Kg./Cm.Sq (5000 psi) working pressure.</p> <p><u>Assembly Instruction:</u> After Arm Valve {item 1(h)} in each arm of X Mass tree.</p> <p>1(j) Stud with hexagonal nuts, of various sizes as required for assembling of X Mass Tree: (Qty requisite nos. per set).</p> <p>1(k)Ring Joint Gaskets, of varous sizes as required for assembling of X Mass Tree:(Qty. requisite nos. per set).</p> <p><u>2.ACCESSORIES/ SPARES</u></p> <p>2(a) Needle Valve, angled type, 12.70mm (1/2")X 351 Kg./Cm.Sq. (5000 psi) working pressure, 1/2" NPT pin & Box threads: (Qty. 02 nos. per set).</p> <p>2(b) Needle valve, Straight type, 12.70mm (1/2")X 351 Kg./Cm.Sq. (5000 psi) working pressure, 1/2" NPT Pin & Box threads: (Qty 02 nos. per set).</p> <p>2(c) Pressure Gauge, range: 0-5000 psi, bottom entry, 1/2" NPT Pin:(Qty 04 nos. per set).</p>		
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	<p>2(d)Flow Beans, Honest John type, of assorted sizes: 1.5mm,2.0mm,2.5mm,3.0mm, 3.5mm, 4.0mm, 4.5mm, 5.0mm, 5.5mm, 6.0mm, 6.5mm, 7.0mm, 7.5mm, 8.0mm, 8.5mm, 9.0mm, 9.5mm, 10.0mm, 11mm, 12mm (total 20 nos): (Qty 01 set. Per set).</p> <p>2(e) Bean & Bean Adapter Wrench: For Flow Bean {item no 2(d)} & Bean adapter installed in positive choke assembly {item 1(f)}: (Qty. 01 set per set).</p> <p>2(f) Ring Joint Gasket: API 6 B, Size- RX 35: (Qty.01 no. per set).</p> <p><u>NOTE :</u></p> <p>1. The Bidder shall confirm in their technical bid about compliance of all the points under technical specification and notes of the tender.</p> <p>2. The Bidder shall submit the relevant drawing and literature along with technical bid as given below-</p> <p>(a) Cross Sectional Drawing showing major dimensions. (b) Product Catalogue.</p> <p>3. Each item shall bear marking on name plate as follows:</p> <p>a) API Monogram. b) OIL's purchase order no. c) Equipment serial number. d) Manufacturer's name. e) Rated working pressure, bore size. f) Material of construction, PSL, PR & Trim designation. g) Year of manufacture.</p> <p>In addition to above, followings shall be embossed permanently on the body of each spool/valve:</p> <p>a) API Monogram. b) OIL's purchase order no. c) Equipment serial number. d) Manufacturer's name. e) Rated working pressure & bore size.</p> <p>4. Third Party Inspection shall be carried out by Oil India Ltd's approved Third Party Inspection Agency for API Specification 6A.</p> <p>The scope of inspection will cover the followings:</p> <p>a) General Design, b) Material, c) Welding(if any), d) Quality Control, e) Equipment Marking, f) Storing, Packaging & Shippings, g) Radiography test, wherever applicable, h) Any other aspects found necessary by TPIA.</p> <p>5. The TPI report shall be submitted along with the material supply.</p>		
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DELIVERY: Bidder to quote best delivery.

NOTE:

- 1.0 A copy of valid API authorisation certificate/licence is to be forwarded.
- 2.0 Manufacturer must forward their Inspection Schedule in respect of above for inspection by Third Party Inspectorate Agency alongwith the offer. Bidders are required to forward the related Technical Brochure & Drawings showing all the major and critical dimensions alongwith the bids.
- 3.0 **Third Party Inspection is applicable against this tender.** All inclusive charges for Third Party Inspection must be indicated separately as shown in the Price schedule vide Annexure – IIA & IIB of Section of GENERAL TERMS AND CONDITION (MM/GLOBAL/01/2005). Offers without any mention about Third Party Inspection charges as specified above will be considered as inclusive of Third Party Inspection charges. When a bidder mentions Third Party Inspection charges as extra without specifying the amount, the offer will be loaded with maximum value towards Third Party Inspection charges received against the tender for comparison purposes. If the bidder emerges as lowest bidder after such loading, in the event of order on that bidder, Third Party Inspection charges mentioned by OIL on the Purchase Order will be binding on the bidder. Please refer clause 7.9 of SECTION - A OF GENERAL TERMS AND CONDITION (MM/GLOBAL/E01/2005).
- 4.0 OIL's approved Third Party Inspection Agencies are **M/s. Lloyds, M/s. Bureau Veritas, M/s. Rites, M/s. IRS, M/s Tuboscope Vetco and M/s. DNV**. Please refer clause 7.90 of Section - A of general terms and condition (MM/Global/E-01/2005-July2012)

AA. BID REJECTION CRITERIA

1.0 TECHNICAL:

- 1.1 In addition to BRC criteria vide section-D of General Terms and Conditions for Global Tender (MM/GLOBAL/E-01/2005-July2012), the following clauses will be applicable against this tender :

1.2 Bidder's Qualification

The bidder shall be a X-Mas tree manufacturer having valid API 6A license continuously for last 05 years from original bid closing date, copies of API 6A certificates shall be submitted along with bid document.

Or the bidder shall be an authorized dealer/ authorized distributor of X-Mas tree manufacturer having above qualification. A valid copy of authorization letter/ dealership certificate with proper guarantee/warranty back up on the supplied products from the original X-mas tree manufacturer (the principal) shall be submitted along with technical bid.

1.3 Bidder's Experience

- 1.3.1 **In case the bidder is an API licensee X-mas tree manufacturer**, the bidder shall have the credentials of supplying minimum 10 nos. or 40% of the **Tender quantity** (rounded off to the next integer) of X-Mas tree assembly whichever is lower, of same or higher pressure rating / PSL than the tendered item against multiple (minimum **02 nos.** & maximum **05 nos.**) orders in **last 05 years** from the original bid closing date to any reputed E & P Company. Documentary evidence of bidder's past supply experience in the form of copies of successfully executed purchase order/ contract order, invoice & bill of landing shall be submitted along with the technical bid.

- 1.3.2 **In case the bidder is an authorized dealer/ authorized distributor** of X-mas tree manufacturer who meets the qualification & experience criteria in para 1.2 & 1.3.1 above, the bidder shall have the experience of execution of **minimum 1(one) order** for supplying X-Mas tree assembly (manufactured by the principal) in **last 03 years** to any reputed E & P Company from the date of technical bid. In addition to the documentary evidence of the principal's qualification & experience criteria, authorized dealer/ distributor shall also submit documentary evidence of its past supply experience in the form of copy of purchase/ contract order, invoice & bill of landing along with the technical bid.
- 2.0 OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide **Annexure XII** of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who sign the Bid.

BB. Standard Notes:

- 1.0 **The tender is invited under SINGLE STAGE-TWO BID SYSTEM.** The bidder has to submit both the "TECHNO-COMMERCIAL UNPRICED BID" and "PRICED BID" bid through electronic form in the OIL's e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender. The "TECHNO-COMMERCIAL UNPRICED BID" is to be submitted as per Scope of Work & Technical Specification of the tender and "PRICED BID" as per the **Online Price Bid format.**
- 2.0 In Technical Bid opening, only Technical Rfx will be opened. Therefore, the bidder should ensure that "TECHNO-COMMERCIAL UNPRICED BID" should contain details as mentioned in the technical specifications as well as BEC/ BRC and upload the same in the Technical RFx Response-> User - > Technical Bid. No price should be given in above Technical Rfx otherwise the offer will be rejected. Please go through the help document in details before uploading the document and ensure uploading of technical bid in the Technical RFx Response-> User - > Technical Bid only. The "PRICE BID" must contain the price schedule and the bidder's commercial terms and conditions. **The prices of the items should be quoted in "Conditions Tab".**
- 3.0 **Offers should be valid up to 180 days from Bid Closing Date**, failing which offer shall be rejected. Therefore, please ignore the minimum validity mentioned in the General Terms and Condition of Global Tender (MM/GLOBAL/E-01/2005).
- 4.0 The original bid security (Amount is mentioned above and also in Rfx Parameters of the tender in OIL's e-portal) should reach us on or before **13.00 Hrs. IST** on the bid closing date. Bid without original Bid Security will be rejected. The bidders who are exempted from submitting the Bid Bond should attach documentary evidence in the Technical RFx Response-> User - > Technical Bid as per clause 9.8 of Section A General Terms and conditions for Global Tender (MM/GLOBAL/E-01/2005). **The bid security shall be valid up to 06.01.2017.**
- 5.0 **Performance Security is applicable against this tender.** Please refer clause 10.0 of Section A of General Terms and conditions for Global Tender (MM/GLOBAL/E-01/2005- July2012).

- 6.0 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.
- 7.0 All the Bids must be Digitally Signed using “Class 3” digital certificate (*e-commerce application*) with organisation name only as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than “Class 3” digital certificate, will be liable for rejection.
- 8.0 Price should be maintained in the “online price schedule” only. The price quoted in the “online price schedule” only will be considered.
- 9.0 API Specification 6A latest edition certificate is to be submitted along with the offer.
- 10.0 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/E01/2005 enclosed.
- 11.0 **PRICED BIDS OF ONLY THOSE BIDDERS WILL BE OPENED WHOSE OFFERS ARE FOUND TECHNICALLY ACCEPTABLE. THE TECHNICALLY ACCEPTABLE BIDDERS WILL BE INFORMED BEFORE OPENING OF THE "PRICED BID".**
- 12.0 OIL reserves the right to allow Small Scale Sectors registered with NSIC purchase preference facility as admissible as per existing Government Policy. The bidders are requested to check the latest position on the subject on their own and OIL does not accept any liability whatsoever, on this account.
- 13.0 **The Integrity Pact is applicable against this tender.** Therefore, please attach the Integrity Pact document duly signed along with your quotation as per BRC. The name of the OIL’s Independent External Monitors at present are as under :
1. SHRI RAGHAW SHARAN PANDEY, IAS (Retd.),
 2. SHRI RAJIV MATHUR, IPS (Retd.),
- Their email ids are furnished in OIL’s website, www.oil-india.com
- 14.0 The following points are deemed as “non-negotiable” and offer shall be rejected straightaway without seeking clarification in case of the following :
- i. Validity of bid shorter than validity indicated in the tender.
 - ii. Original Bid Security not received within the stipulated date and time mentioned in the tender.
 - iii. Bid security with (i) Validity shorter than the validity indicated in tender and/or (ii) Bid security amount lesser than the amount indicated in the tender.
 - iv. In case the party refuses to sign the Integrity Pact.

CC: CHECK LIST TECHNICAL FOR X-MAS TREE :

Bidder should fill up the check list and submit with the offer.

S N	PARAMETERS	BIDDER’S REMARK
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(Bid bond format has been changed. Please submit bid bond as per revised format failing which offer will be rejected)

Performance Guarantee : Applicable @ 10% of order value.

OIL INDIA LIMITED invites Global tenders for items detailed below:

TECHNICAL SPECIFICATIONS WITH QUANTITY

SL. NO. & MATERIAL CODE	MATERIAL DESCRIPTION	QUANTITY	UNIT
10 ----- 03566211	<p>CHRISTMAS TREE</p> <p>Christmas Tree Assy., 351 Kg./Cm. Sq. (5000 psi) Working Pressure, 65.09 mm (2.9/16") x 52.39 mm (2.1/16"), Double Arm single string conforming to API specification 6A (latest edition), as detailed below:</p> <p>Material : Minimum 60 K API Cast Forged Alloy Steel Product specification level: PSL 1 Performance Rating : PR 1 Material Class : AA Temperature Rating : U Working Pressure : 351 Kg/Cm. sq.(5000 psi) Test Pressure : 526 Kg/Cm. Sq.(7500 psi)</p> <p>1(a) <u>CROSS PIECE</u>: (Qty 01 no. per set)</p> <p>Cross Piece, full bore, double arm, 351 kg/Cm. Sq. (5000 psi) working pressure. Top & Bottom connection shall be studded/ flanged, 65.09 mm (2.9/16"), RX 27 ring grooved. Side connection shall be studded/ flanged, 52.39 mm(2.1/16"), RX 24 ring grooved. Cross piece shall be tapped 1/2" NPT in the center, plugged with suitable blind plug.</p> <p>1(b) <u>MASTER VALVE & TOP VALVE</u>:(Qty 02 nos. per set)</p> <p>Gate Valves (one master valve & one top valve),cast/ forged alloy Steel, 65.09 mm (2.9/16"), 351 Kg./Cm.Sq. (5000 psi) working pressure, flanged end, RX 27 ring grooved, full bore through conduit, complete with hand wheel.</p> <p><u>Internal construction</u>: Replaceable gate and seat assembly, parallel solid slab gate construction with floating seat, back seat arrangement on the stem, non-rising stem supported on two thrust bearings, with plastic packing and grease injection ports.</p> <p><u>Assembly Instruction</u>: One no. below cross piece {item 1(a)} and one no. above cross piece{item 1(a)}.</p> <p>1(c) <u>ADAPTER SPOOL</u>: (Qty 01 no. per set)</p> <p>Adapter spool, full bore, 351 Kg./Cm.sq. (5000 psi). Top connection shall be studded, 65.09 mm (2.9/16"), RX 27 ring grooved, complete with studs & nuts. Bottom connection shall be flanged, 79.38 mm (3.1/8"), RX 35 ring grooved.</p> <p><u>Assembly instruction</u>: Below the master valve {item 1(b)}</p>	35	NOS.

	<p>1(d) <u>CHRISTMAS TREE CAP/ TOP CONNECTOR</u>: (Qty 01 no. per set)</p> <p>Christmas Tree cap, 65.09 mm (2.9/16") Nominal size, 351 Kg./Cm.sq. (5000 psi) working pressure, comprising of body, blanking plug and bonnet nut, compatible to top valve {item no.1(b)}. The body of Christmas tree cap shall have internal O ring, internal lift thread of 73.03mm (2.7/8") EUE 8TPI API Round threads, and bottom connection shall be flanged, 65.09 mm (2.9/16"), RX 27 ring grooved. The external connecting thread shall be 5.3/4" OD, 4TPI, ACME 2G screw thread. The blanking plug shall have O ring, 1/2" NPT bleed port at top, plugged with 1/2" NPT blind plug. The bonnet nut shall have wings and internal connecting threads shall be 5.3/4" OD, 4 TPI, ACME 2G screw thread.</p> <p><u>Assembly instruction</u>: Above the top valve {item 1(b)}</p> <p>1(e) <u>SIDE VALVE</u> : (Qty 02 nos. per set)</p> <p>Gate Valves, cast/forged alloy Steel, 52.39mm (2.1/16"), 351 Kg./Cm.sq. (5000 psi) working pressure, flanged end, RX 24 ring grooved, full bore through conduit, complete with hand wheel.</p> <p><u>Internal construction</u>: Replaceable gate and seat assembly, parallel solid slab gate construction with floating seat, back seat arrangement on the stem, non-rising stem supported on two thrust bearings, with plastic poacking and grease injection ports.</p> <p><u>Assembly instruction</u>: one no. in each side of the cross piece {item 1(a)}.</p> <p>1(f) <u>POSITIVE CHOKE ASSEMBLY</u>: (Qty. 02 nos. per set)</p> <p>Positive Choke assembly, full bore, 351 Kg./Cm.sq. (5000 psi) working pressure, complete with Honest John Bean adapter and cap for changing bean. Inlet connection shall be flanged, 52.39mm (2.1/16"), RX 24 ring grooved, compatible to side valve{item no.1(e)}. Outlet connection shall be screwed, 52.39 mm (2.1/16"), 2" Line Pipe internal threaded, compatible to nipple {item no. 1(g)}.</p> <p><u>Assembly instruction</u>: In between side valve {item 1(e)} and nipple {item 1(g)} in each arm of X Mass tree. The outlet of Positive choke assembly shall be pointing opposite to spindle of Side Valve {item 1(e)} so that the arms of the Chrismas Tree will be at 90° angle to flow direction of Master Valve & Top Valve {item 1(b)}.</p> <p>1(g) <u>NIPPLE</u>: (Qty 02 nos. per set)</p> <p>Nipple, Line Pipe Threaded, 50mm (2") NB, 351 Kg./Cm.Sq (5000 psi) working pressure, tapped 1/2" NPT at the centre plugged with 1/2" NPT blind plug, length 304.8mm (12").</p> <p><u>Assembly Instruction</u>: After positive choke assembly {item 1(f)} in each arm of X Mass tree.</p> <p>1(h) <u>ARM VALVE</u>:(Qty 02 nos. per set)</p> <p>Gate Valve, cast/ forged alloy steel, 52.39mm (2.1/16"), 351 Kg./Cm.Sq (5000 psi)working pressure, Screwed end, 50mm (2") NB Line Pipe internal threaded, full bore through conduit complete with hand wheel.</p> <p><u>Internal Construction</u>: Replaceable gate and seat assembly,</p>		
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	<p>parallel solid slab gate construction with floating seat, back seat arrangement on the stem, non-rising stem supported on two thrust bearings with plastic packing and grease injection ports.</p> <p><u>Assembly Instruction:</u> One no. after the nipple {item 1(g)} in each arm of X Mass tree.</p> <p>1(i) <u>BULL PLUG</u>: (Qty 02 nos. per set)</p> <p>Bull plug, 2" Line pipe Threaded, 351 Kg./Cm.Sq (5000 psi) working pressure.</p> <p><u>Assembly Instruction:</u> After Arm Valve {item 1(h)} in each arm of X Mass tree.</p> <p>1(j) Stud with hexagonal nuts, of various sizes as required for assembling of X Mass Tree: (Qty requisite nos. per set).</p> <p>1(k) Ring Joint Gaskets, of various sizes as required for assembling of X Mass Tree: (Qty. requisite nos. per set).</p> <p><u>2.ACCESSORIES/ SPARES</u></p> <p>2(a) Needle Valve, angled type, 12.70mm (1/2")X 351 Kg./Cm.Sq. (5000 psi) working pressure, 1/2" NPT pin & Box threads: (Qty. 02 nos. per set).</p> <p>2(b) Needle valve, Straight type, 12.70mm (1/2")X 351 Kg./Cm.Sq. (5000 psi) working pressure, 1/2" NPT Pin & Box threads: (Qty 02 nos. per set).</p> <p>2(c) Pressure Gauge, range: 0-5000 psi, bottom entry, 1/2" NPT Pin: (Qty 04 nos. per set).</p> <p>2(d) Flow Beans, Honest John type, of assorted sizes: 1.5mm, 2.0mm, 2.5mm, 3.0mm, 3.5mm, 4.0mm, 4.5mm, 5.0mm, 5.5mm, 6.0mm, 6.5mm, 7.0mm, 7.5mm, 8.0mm, 8.5mm, 9.0mm, 9.5mm, 10.0mm, 11mm, 12mm (total 20 nos): (Qty 01 set. Per set).</p> <p>2(e) Bean & Bean Adapter Wrench: For Flow Bean {item no 2(d)} & Bean adapter installed in positive choke assembly {item 1(f)}: (Qty. 01 set per set).</p> <p>2(f) Ring Joint Gasket: API 6 B, Size- RX 35: (Qty. 01 no. per set).</p> <p><u>NOTE :</u></p> <p>1. The Bidder shall confirm in their technical bid about compliance of all the points under technical specification and notes of the tender.</p> <p>2. The Bidder shall submit the relevant drawing and literature along with technical bid as given below-</p> <p>(a) Cross Sectional Drawing showing major dimensions. (b) Product Catalogue.</p> <p>3. Each item shall bear marking on name plate as follows:</p> <p>a) API Monogram. b) OIL's purchase order no. c) Equipment serial number. d) Manufacturer's name. e) Rated working pressure, bore size. f) Material of construction, PSL, PR & Trim designation.</p>		
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	<p>g) Year of manufacture.</p> <p>In addition to above, followings shall be embossed permanently on the body of each spool/valve:</p> <p>a) API Monogram. b) OIL's purchase order no. c) Equipment serial number. d) Manufacturer's name. e) Rated working pressure & bore size.</p> <p>4. Third Party Inspection shall be carried out by Oil India Ltd's approved Third Party Inspection Agency for API Specification 6A.</p> <p>The scope of inspection will cover the followings:</p> <p>a) General Design, b) Material, c) Welding(if any), d) Quality Control, e) Equipment Marking, f) Storing, Packaging & Shippings, g) Radiography test, wherever applicable, h) Any other aspects found necessary by TPIA.</p> <p>5. The TPI report shall be submitted along with the material supply.</p>		
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DELIVERY: Bidder to quote best delivery.

NOTE:

- 4.0 A copy of valid API authorisation certificate/licence is to be forwarded.
- 5.0 Manufacturer must forward their Inspection Schedule in respect of above for inspection by Third Party Inspectorate Agency alongwith the offer. Bidders are required to forward the related Technical Brochure & Drawings showing all the major and critical dimensions alongwith the bids.
- 6.0 **Third Party Inspection is applicable against this tender.** All inclusive charges for Third Party Inspection must be indicated separately as shown in the Price schedule vide Annexure – IIA & IIB of Section of GENERAL TERMS AND CONDITION (MM/GLOBAL/01/2005). Offers without any mention about Third Party Inspection charges as specified above will be considered as inclusive of Third Party Inspection charges. When a bidder mentions Third Party Inspection charges as extra without specifying the amount, the offer will be loaded with maximum value towards Third Party Inspection charges received against the tender for comparison purposes. If the bidder emerges as lowest bidder after such loading, in the event of order on that bidder, Third Party Inspection charges mentioned by OIL on the Purchase Order will be binding on the bidder. Please refer clause 7.9 of SECTION - A OF GENERAL TERMS AND CONDITION (MM/GLOBAL/E01/2005).
- 5.0 OIL's approved Third Party Inspection Agencies are **M/s. Lloyds, M/s. Bureau Veritas, M/s. Rites, M/s. IRS, M/s Tuboscope Vetco and M/s. DNV**. Please refer clause 7.90 of Section - A of general terms and condition (MM/Global/E-01/2005-July2012)

AA. BID REJECTION CRITERIA

1.0 TECHNICAL:

- 1.4 In addition to BRC criteria vide section-D of General Terms and Conditions for Global Tender (MM/GLOBAL/E-01/2005-July2012), the following clauses will be applicable against this tender :

1.5 Bidder's Qualification

The bidder shall be a X-Mas tree manufacturer having valid API 6A license continuously for last 05 years from original bid closing date, copies of API 6A certificates shall be submitted along with bid document.

Or the bidder shall be an authorized dealer/ authorized distributor of X-Mas tree manufacturer having above qualification. A valid copy of authorization letter/ dealership certificate with proper guarantee/warranty back up on the supplied products from the original X-mas tree manufacturer (the principal) shall be submitted along with technical bid.

1.6 Bidder's Experience

- 1.6.1 **In case the bidder is an API licensee X-mas tree manufacturer**, the bidder shall have the credentials of supplying minimum 10 nos. or 40% of the **Tender quantity** (rounded off to the next integer) of X-Mas tree assembly whichever is lower, of same or higher pressure rating / PSL than the tendered item against multiple (minimum **02 nos.** & maximum **05 nos.**) orders in **last 05 years** from the original bid closing date to any reputed E & P Company. Documentary evidence of bidder's past supply experience in the form of copies of successfully executed purchase order/ contract order, invoice & bill of landing shall be submitted along with the technical bid.

- 1.6.2 **In case the bidder is an authorized dealer/ authorized distributor** of X-mas tree manufacturer who meets the qualification & experience criteria in para **1.2 & 1.3.1** above, the bidder shall have the experience of execution of **minimum 1(one) order** for supplying X-Mas tree assembly (manufactured by the principal) in **last 03 years** to any reputed E & P Company from the date of technical bid. In addition to the documentary evidence of the principal's qualification & experience criteria, authorized dealer/ distributor shall also submit documentary evidence of its past supply experience in the form of copy of purchase/ contract order, invoice & bill of landing along with the technical bid.

- 2.0 OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide **Annexure XII** of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who sign the Bid.

BB. Standard Notes:

- 15.0 **The tender is invited under SINGLE STAGE-TWO BID SYSTEM.** The bidder has to submit both the "TECHNO-COMMERCIAL UNPRICED BID" and "PRICED BID" bid through electronic form in the OIL's e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender. The "TECHNO-COMMERCIAL UNPRICED BID" is to be submitted as per Scope of Work & Technical Specification of the tender and "PRICED BID" as per the **Online Price Bid format.**

- 16.0 In Technical Bid opening, only Technical Rfx will be opened. Therefore, the bidder should ensure that "TECHNO-COMMERCIAL UNPRICED BID should contain details as mentioned in the technical specifications as well as BEC/ BRC and upload the same in the Technical RFX Response-> User - > Technical Bid. No price should be given in above Technical Rfx otherwise the offer will be rejected. Please go through the help document in details before uploading the document and ensure uploading of technical bid in the Technical RFX Response-> User - > Technical Bid only. The "PRICE BID" must contain the price schedule and the bidder's commercial terms and conditions. **The prices of the items should be quoted in "Conditions Tab".**
- 17.0 **Offers should be valid up to 180 days from Bid Closing Date**, failing which offer shall be rejected. Therefore, please ignore the minimum validity mentioned in the General Terms and Condition of Global Tender (MM/GLOBAL/E-01/2005).
- 18.0 The original bid security (Amount is mentioned above and also in Rfx Parameters of the tender in OIL's e-portal) should reach us on or before **13.00 Hrs. IST** on the bid closing date. Bid without original Bid Security will be rejected. The bidders who are exempted from submitting the Bid Bond should attach documentary evidence in the Technical RFX Response-> User - > Technical Bid as per clause 9.8 of Section A General Terms and conditions for Global Tender (MM/GLOBAL/E-01/2005). **The bid security shall be valid up to 06.01.2017.**
- 19.0 **Performance Security is applicable against this tender.** Please refer clause 10.0 of Section A of General Terms and conditions for Global Tender (MM/GLOBAL/E-01/2005- July2012).
- 20.0 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.
- 21.0 All the Bids must be Digitally Signed using "Class 3" digital certificate (*e-commerce application*) with organisation name only as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than "Class 3" digital certificate, will be liable for rejection.
- 22.0 Price should be maintained in the "online price schedule" only. The price quoted in the "online price schedule" only will be considered.
- 23.0 API Specification 6A latest edition certificate is to be submitted along with the offer.
- 24.0 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/E01/2005 enclosed.
- 25.0 **PRICED BIDS OF ONLY THOSE BIDDERS WILL BE OPENED WHOSE OFFERS ARE FOUND TECHNICALLY ACCEPTABLE. THE TECHNICALLY ACCEPTABLE BIDDERS WILL BE INFORMED BEFORE OPENING OF THE "PRICED BID".**

- 26.0 OIL reserves the right to allow Small Scale Sectors registered with NSIC purchase preference facility as admissible as per existing Government Policy. The bidders are requested to check the latest position on the subject on their own and OIL does not accept any liability whatsoever, on this account.
- 27.0 **The Integrity Pact is applicable against this tender.** Therefore, please attach the Integrity Pact document duly signed along with your quotation as per BRC. The name of the OIL's Independent External Monitors at present are as under :
1. SHRI RAGHAW SHARAN PANDEY, IAS (Retd.),
 2. SHRI RAJIV MATHUR, IPS (Retd.),
- Their email ids are furnished in OIL's website, www.oil-india.com
- 28.0 The following points are deemed as "non-negotiable" and offer shall be rejected straightaway without seeking clarification in case of the following :
- v. Validity of bid shorter than validity indicated in the tender.
 - vi. Original Bid Security not received within the stipulated date and time mentioned in the tender.
 - vii. Bid security with (i) Validity shorter than the validity indicated in tender and/or (ii) Bid security amount lesser than the amount indicated in the tender.
 - viii. In case the party refuses to sign the Integrity Pact.

CC: CHECK LIST TECHNICAL FOR X-MAS TREE :

Bidder should fill up the check list and submit with the offer.

S N	PARAMETERS	BIDDER'S REMARK			
16.	Size, WP, Test pr., PSL, PR, Material Class, temperature class & trim of the offered X-mas tree assembly	(to confirm)			
17.	List of offered materials / components of x-mas tree assembly with bill of materials & quantity (to enclose)	(to mention document nos.)			
18.	Drawing of individual components and whole assembly showing all critical dimensions & suitably indicating all the components (to enclose)	(to mention drawing nos.)			
19.	Quality Assurance Plan, if any (to enclose)	(to mention document nos.)			
20.	Whether product catalogue submitted	(yes / no)			
21.	API 6A License Certificate no. with validity date (copy to enclose)	(to confirm)			
22.	Name of third party inspection agency	(to confirm)			
23.	Compliance with the scopes of third party inspection	(yes / no)			
24.	Permanent marking of <i>Manufacturer's name & unique equipment no., API Monogram, OIL's PO no., Pr. rating & PSL</i> on body of X-mas tree (preferably die-stamped / stenciled)	(to confirm)			
25.	Painting / finishing & shipping as per relevant standard	(to confirm)			
26.	Guarantee / warranty as per the enquiry	(to confirm)			
27.	Best possible delivery from date of firm order	(to confirm)			
28.	If the bidder is an authorized dealer / distributor of X-mas tree, valid authorization letter / dealership certificate no. with proper back-up guarantee / warranty from the original manufacturer (copy to be enclosed)	(to mention document nos.)			
29.	Any other document submitted along with bid	(to furnish detail)			
30. Supporting documents for past supply experience as per the BRC / BEC clauses of the enquiry (copies of purchase order, bill of lading (BoL), Invoice etc. to be enclosed)					
PO no., Qty & date		Specification of supplied material	Client's name & address	BoL / Invoice No.	Any other relevant document
PO # 6					

PO # 7					
PO # 8					
PO # 9					
PO # 10					

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