



**OIL INDIA LIMITED**  
**(A Government of India Enterprises)**  
**PO: Duliajan – 786602**  
**Assam (India)**

TELEPHONE NO: (91-374) 2808793  
Email: [Adarsh.Padhy@oilindia.in](mailto:Adarsh.Padhy@oilindia.in); [erp\\_mm@oilindia.in](mailto:erp_mm@oilindia.in)

**TENDER NO. SSG3461P20/01**

**DATE: 02.01.2020**

**INVITATION TO e-BID UNDER SINGLE STAGE TWO BID SYSTEM**

Dear Sirs,

OIL invites Bids for the supply of **100 KM of 5.1/2" (139.70 mm), API 5CT, N-80, Type-1/ Type-Q BTC Casing through E-Procurement**. The details of the tender are as under:

1. Details of items with specification, quantity and special notes are given in Technical Rfx → External area → Tender documents as Annexure – IA.
2. General terms and Conditions of the tender are as per attached document No. MM/GLOBAL/E-01/2005-July2012.
3. The prescribed Bid Forms for submission of bids are available in the tender document folder. Technical Checklist and Commercial Checklist vide Annexure IV must be filled-up and submitted along with the technical bid. BEC/ BRC as per Annexure CCC must be complied and submitted with the technical bid.
4. Type of Tender : International Competitive Bidding
5. Type of Bidding : **SINGLE STAGE TWO BID SYSTEM**
6. Tender Fee : NA
7. Bid Security Amount : **INR 32,20,640.00 OR USD 45,360.00**  
**(Or equivalent amount in any currency)**
8. Performance Security : **Applicable @10% of Order Value. (excluding taxes & duties)**
9. Bid Closing/ Opening Date : 26.02.2020
10. Bid Validity : Bid should be valid for 120 days from bid opening date.
11. Bid Bond Validity : Bid Bond should be valid upto 23.09.2020  
**(Bid bond format has been changed. Please submit bid bond as per revised format failing which offer will be rejected)**
12. Integrity Pact : Applicable

### **Special Note:**

- 1.0 The tender will be governed by “General Terms & Conditions” for e-Procurement as per Booklet NO. MM/GLOBAL/E-01/2005-July2012 for E-procurement (ICB Tenders) including Amendment and Addendum. Special attention of the bidders is drawn to Section – E of the document.
- 2.0 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 CGM 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) **Detailed Catalogue.**
  - 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.
- 3.0 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.
- 4.0 OIL INDIA LIMITED (OIL) has upgraded its E-tender Portal. As part of the new system, the intending bidder must have Encryption Certificate along with Digital Signature Certificate (DSC) of Class III [with Organization name]. The date for implementation of new system is 12th April 2017 and the requirement of the new DSC will be applicable for the tenders floated on 12th April 2017 onwards. All our current and prospective esteemed bidders are therefore requested to acquire Class III DSC [with Organization name] along with Encryption Certificate issued by any of the Licensed Certifying Authorities (CA) operating under Controller of Certifying Authorities (CCA) of India as per Indian IT Act 2000. Guideline for getting Digital Signature and other related information are available on the e-tender website [www.oilindia.com](http://www.oilindia.com). The bid signed using any other digital certificate or digital certificate without organization name of the bidder, will be liable for rejection.
- 5.0 Encryption certificate is mandatorily required for submission of bid. In case bidder created response using one certificate (using encryption key) and bidder subsequently changes the digital signature certificate then the old certificate (used for encryption) is required in order to decrypt his encrypted response for getting the edit mode of his response. Once decryption is done, the bidder may use his new DSC certificate for uploading and submission of his offer. It is the sole responsibility of the bidder to keep their DSC certificate properly. In case of loss of DSC certificate, Oil India Limited is not responsible.
- 6.0 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 concessional rate of GST against Essentiality Certificate wherever applicable, as per Notification No.3/2017 – Integrated/ Central Tax (Rate) dated 28th June, 2017/ Deemed Export Benefit against this purchase.

Details of Deemed Export are furnished vide Addendum to MM/GLOBAL/01/2005 enclosed.

7.0 Bid must be submitted electronically only through OIL's e-procurement portal. Bid submitted in any other form will be rejected.

8.0 Please refer to the **"New Vendor Manual (effective 12.04.2017)"** available in the login Page of the OIL's E-tender Portal.

9.0 Bidders to take special note of the following conditions:

- a) **Bidders without having E-tender Login ID and Password should complete their online registration at least seven (7) days prior to the scheduled bid closing date and time of the tender. For online registration, Bidder may visit the OIL's E-tender site <https://etender.srm.oilindia.in/irj/portal>.**
- b) **Necessary Login ID & Password will be issued by OIL only after submitting the complete online registration by the Bidder. In the event of late registration/ incomplete registration by Bidder, OIL INDIA LIMITED shall not be responsible for late allotment of User ID & Password and request for bid closing date extension on that plea shall not be entertained by Company.**
- c) **MSEs Units (manufacturers/ Service Providers only and not their dealers/ distributors) who are already registered with District Industry Centres or Khadi & Village Industries Commission or Khadi & Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts & Handloom or any other body specified by Ministry of MSME are exempted from payment of Bid Security (EMD) irrespective of monetary limit mentioned in their registration, provided they are registered for the item they intend to quote/participate.**
- d) **For availing benefits under Public Procurement Policy (Purchase preference & EMD exemption), the interested MSE Bidders must ensure that they are the manufacturer/ service provider of tendered item(s) and registered with the appropriate authority for the said item(s). Bids without EMD shall be rejected, if the technical offer does not include a valid copy of relevant MSE Certificate issued by appropriate authority specifying the item as per tender. Therefore, it is in the interest of such MSE Vendors to furnish a copy of complete certificate to the concerned tender handling officer of OIL at least seven (7) days prior to the scheduled Bid Closing Date of the tender; seeking clarification/ confirmation as to whether their registered item is eligible for EMD exemption or not. Late communications in this regard and request for bid closing date extension on that plea shall not be entertained by Company.**
- e) **Against Bid Security/EMD/Performance Bank Guarantee–Only payments through online mode or Submission of Bank Guarantee/ LC will be acceptable. No DD/ Cheques/ Cashier Cheque or any other mode will be acceptable.**

10.0 OIL INDIA LIMITED (OIL) has upgraded its E-tender Portal. All the bidders are requested to go through the following two documents before uploading their bid. These documents are also uploaded as part of NIT.

10.1 Guidelines to Bidders for participating in OIL.

10.2 Instruction to bidder for submission.

11.0 Please refer **Annexure-CCC** for BEC/ BRC applicable against this tender. Please ensure compliance to BEC/ BRC and submit requisite documentation, failing which offer may be liable for rejection.

- 12.0 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 must be received on or before the deadline given by the company, failing which the offer will be summarily rejected.
- 13.0 The prices of the items should be quoted as per **Annexure -P** uploaded separately under the tab “Notes & Attachment”.
- 14.0 In view of implementation of GST w.e.f. 01.07.2017 and PPLC Policy to provide Purchase Preference (linked with local content) by notification no. Ref. O-27011/44/2016-ONG-II/FP dtd. 25.04.2017, bidders are to take note of **Annexure-GST&PPLC** and to submit their offers accordingly wherever applicable.
- 15.0 **FURNISHING FRAUDULENT INFORMATION/ DOCUMENT:** If it is found that a Bidder has furnished fraudulent document/information, the Bid Security/Performance Security shall be forfeited and the party will be debarred for a period of 3(three) years from date of detection of such fraudulent act, besides the legal action. In case of major and serious fraud, period of debarment may be enhanced. **In this regard, bidders are requested to submit an Undertaking as per ANNEXURE-K along with their offer failing which their offer shall be liable for rejection.**
- 16.0 **ONLINE VIEWING OF PRICE BY BIDDERS:** For convenience of the qualified Bidders and to improve transparency, the rates/costs quoted by bidders against OIL’s e-tenders shall be available for online viewing by such Bidders whose price bids are opened by Company. A Bidder can view item-wise rates/costs of all other such peer bidders against the tender immediately after price bid opening, if the e-tender is floated by Company with PRICE CONDITION. In case the Price-Bid is invited by Company through attachment form under “Notes & Attachment” (i.e., NO PRICE Condition), Bidders must upload their detailed Price-Bid as per the prescribed format under “Notes & Attachment”, in addition to filling up the “Total Bid Value” Tab taking into account the cost of all individual line items and other applicable charges like freight, tax, duties, levies etc. Under NO PRICE Condition (i.e., Price Bid in attachment form), the “Total Bid Value” as calculated & quoted by the Bidder shall only be shared amongst the eligible bidders and Company will not assume any responsibility whatsoever towards calculation errors/omissions therein, if any. Notwithstanding to sharing the “Total Bid Value” or the same is whether filled up by the Bidder or not, Company will evaluate the cost details to ascertain the inter-se-ranking of bidders strictly as per the uploaded attachment and Bid Evaluation Criteria only. Online view of prices as above shall be available to the Bidders only upto seven days from the date of Price-Bid opening of the e-tender.

Yours Faithfully  
Sd-  
(A.R. PADHY)  
SR.PURCHASE OFFICER (FS)  
FOR GM-MATERIALS

OIL INDIA LIMITED  
(A Govt. of India Enterprise)  
P.O. Duliajan-786602, Assam  
E-mail: Adarsh.Padhy@oilindia.in

**Tender No. & Date : SSG3461P20/05 02.01.2020**

Tender Fee : INR 0.00 OR USD 0.00  
Bid Security Amount : INR 3,220,640.00 OR USD 45,360.00  
(or equivalent Amount in any currency)

**Bidding Type : Two Bid**

Bid Closing On : 26.02.2020 at 11:00 hrs. (IST)

Bid Opening On : 26.02.2020 at 14:00 hrs. (IST)

Performance Guarantee : Applicable

OIL INDIA LIMITED invites Global tenders for items detailed below:

Item No./ Mat. Code	Material Description	Quantity	UOM
<b>10</b> 01010376	CASING, API, SEAMLESS STEEL, SCREWED & COUPLED, WITH API MONOGRAM, IN RANGE 3 LENGTH BUT MAXIMUM LENGTH OF EACH JOINT SHALL BE RESTRICTED TO 12.19 MTRS. (40 FT.) FITTED WITH PRESSED STEEL OR ELASTOMER-CUM-METALLIC (COMPOSITE) THREAD PROTECTOR. Casing O.D. : 139.7 mm (5.1/2"), Weight : 29.79 Kg/Mtr. (20.00 Lbs/Ft.), Grade : N-80 Type-1 or N-80 Type-Q Colour Code : Red for Grade : N-80 Type-1 or Red & Green for Grade : N-80 Type-Q in conformance with API 5CT Thread : Buttress	100000	M

**Note description for item no./nos. : 10**

1. The colour coding (to assist weight identification at site) shown above to be applied to each length of casing near the centre of joint in the form of 2" wide band for each colour specified.
2. Third party inspection is required.
3. Elastomer-cum-metallic (composite) protector for pin and box and of casing should be extra strong closed end and of Drilltech make or it's suitable equivalent. The protector should be designed in such a way in order to cover the full length of casing threads as well as casing coupling threads. It should have steel shell and elastomer to reduce impact design, to stop corrosion, to eliminate stripping and to keep thread compound active.

**Standard Notes:** 1) The tender is invited under SINGLE STAGE TWO BID SYSTEM. In Technical Bid opening, only Technical Rfx will be opened. 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. 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 bid of the items should be uploaded as an attachment under Notes & Attachments tab as per ANNEXURE-P. No price should be given in above Technical Rfx otherwise the offer will be rejected.**

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2) All the Bids must be Digitally Signed using "Class 3" digital certificate with "Organisation name" (e-commerce application) 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 or digital certificate without organization name of the bidder will be liable for rejection.

**3) Bid should be valid for minimum 120 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-July 2012).

4) The original bid security (Amount is mentioned above and also in Rfx Parameters of the tender in OIL's e-portal) should reach us before bid closing date and time of the technical bid. 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- July 2012). **The bid security shall be valid up to 23.09.2020.**

5) Performance Security @10% of order value (excluding taxes & duties) 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) 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 calculated on pro-rata basis and the same will be binding on the bidder.

7) 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.

8) Price Bids of only those bidders will be opened whose offers are found techno-commercially acceptable. The techno-commercially acceptable bidders will be informed before the opening of the "price bid".

9) Bidder's response to all NIT stipulations shall clearly be defined. Bidder shall furnish specific details/ specifications of all major components, systems with Make & Model, etc. Generalised response like-'As per NIT Specifications/ Technical Leaflet', 'Noted', 'and Accepted' or in any similar fashion is not acceptable.

10) Bidders to note that Govt. of India under Micro, Small and Medium Enterprises Development (MSMED) Act 2006, has proclaimed the Public Procurement Policy, 2012 with effect from 1st April, 2012 in respect of procurement of goods and services, produced and provided by micro and small enterprises, by its Ministries, Departments and Public Sector Undertakings for promotion and development of Micro and Small Enterprises. A new Clause on applicability of Public Procurement Policy for procurement of goods from Micro and Small Enterprises (MSE) in the tender is furnished vide Amendment to General Terms and Conditions for Global Tender (MM/GLOBAL/E-01/2005-JULY2012). Bidders are requested to take note of the same and to submit their offers accordingly.

11) Bidders to note that Ministry of Petroleum & Natural Gas, Government of India implemented PPLC Policy to provide Purchase Preference (linked with local content) by notification no. Ref. O-27011/44/2016-ONG-II/FP dtd.25.04.2017. A new Clause on applicability of Purchase Preference (linked with local content) policy in the tender is furnished vide Annexure-PPLC. Bidders are requested to take note of the same and to submit their offers accordingly wherever applicable. Bidders seeking benefits, under Purchase Preference Policy (linked with Local

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Content) (PP-LC) shall have to comply with all the provisions of the referred policy and shall have to submit all undertakings/ documents applicable for this policy.

12) Bidders to note that Ministry of Steel, Government of India implemented the Revised Policy for providing Preference to domestically manufactured Iron & Steel Products in Government Procurement vide Gazette Notification No. 324 dated 29.05.2019. Bidders are requested to take note of the same and to submit their offers accordingly wherever applicable. Bidders seeking benefits, under the Revised Policy for providing Preference to domestically manufactured Iron & Steel Products shall have to comply with all the provisions of the referred policy and shall have to submit all undertakings/ documents applicable for this policy in the technical bid.

13) In addition to BRC criteria vide section -D of General Terms & Conditions for Global tenders (MM/GLOBAL/E-01/2005-JULY 2012), the BEC/ BRC vide Annexure-CCC will be applicable against the tender failing which offer will be rejected.

14) 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 pro forma has been duly signed by OIL's competent signatory. The pro forma has to be uploaded by the bidder (along with the technical bid) duly signed by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. The names of the OIL's Independent External Monitors at present are as under:

- i) Shri Rajiv Mathur, IPS (Retd.)  
Former Director (IB) Govt. of India  
E-Mail Id: rajivmathur23@gmail.com
- ii) Shri Satyananda Mishra, IAS(Retd.)  
Former Chief Information Commissioner &  
Ex-Secretary, DOPT, Govt. of India  
e-Mail Id: satyanandamishra@hotmail.com
- iii) Shri Jagmohan Garg,  
Ex-Vigilance Commissioner, CVC  
E-Mail id: jagmohan.garg@gmail.com

15) 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 (a) Validity shorter than the validity indicated in tender and/ or (b) Bid security amount lesser than the amount indicated in the tender.
- iv. In case the party refuses to sign the Integrity Pact.

16) **CONFIRMATION OF BID SECURITY/ PERFORMANCE SECURITY:** The following clause is applicable for bid security/ performance security submitted in the form of bid bond/ LC. Bidders are requested to strictly comply to this clause:

The bank guarantee issued by the bank must be routed through SFMS platform as per following details:

- (i) "MT 760 / MT 760 COV for issuance of bank guarantee
- (ii) MT 767 / MT 767 COV for amendment of bank guarantee

The above message/ intimation shall be sent through SFMS by the BG issuing bank branch to HDFC Bank, Duliajan Branch, IFS Code-HDFC0002118; SWIFT Code-HDFCINBBCAL.  
Branch Address: HDFC Bank Limited, Duliajan Branch, Utopia Complex, BOC Gate, Jayanagar, Duliajan, Dibrugarh, PIN-786602."

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17) **FURNISHING FRAUDULENT INFORMATION/ DOCUMENT:** If it is found that a Bidder has furnished fraudulent document/ information, the Bid Security/ Performance Security shall be forfeited and the party will be debarred for a period of 3(three) years from date of detection of such fraudulent act, besides the legal action. In case of major and serious fraud, period of debarment may be enhanced. **In this regard, bidders are requested to submit an Undertaking as per ANNEXURE-K along with their offer failing which their offer shall be liable for rejection.**

18) Revision, clarification, addendum, corrigendum, time extension etc to the tender will be hosted on OIL website only. No separate notification shall be issued. Bidders are requested to visit OIL website regularly to keep them updated.

**Special Notes : 1) TENTATIVE DELIVERY REQUIREMENT:**

Deliver is required in two (02) equal lots as under:

- i) 1st lot of 50 KM in the month of December, 2020
- ii) 2nd lot of 50 KM in the month of April, 2021

**2) ANTI-DUMPING DUTY:**

Anti-Dumping duty is applicable against this tender.

The Clause No. 3.0 in Section-'E' (Special Terms & Conditions for Tubulars) of General Terms & Conditions for Global Tender (MM-GLOBAL/E-01-2005-July 2012) on Anti-Dumping Duty stands deleted. In its place the following clauses on "Anti-Dumping Duty" shall be applicable-

- a. The Anti-Dumping Duty, if any, shall be applicable as per the latest Govt. guideline and will be payable by the bidder. Bidders are requested to note the same and quote accordingly.
- b. Anti-Dumping Duty shall be borne by the bidder as mentioned above. A categorical confirmation in this regard is required from the bidders along with their offer, otherwise their offer will not be considered for further evaluation.
- c. All bidders must categorically mention the country of origin of the products offered by them in their offers. In the event categorical mention of country of origin of their offered products is not made in their offer, the offer will be summarily rejected.
- d. In case of the indigenous bidders, they should note that OIL will not be liable to reimburse any amount on account of Anti-Dumping duty for the materials imported by them from People's Republic of China for execution of the contract and any Anti-Dumping Duty payable against import by them from People's Republic of China shall be to their account. Indigenous bidders are required to categorically confirm acceptance of the same in their Technical bids failing which offers will be liable for rejection.

3) **Safe Guard Duty:** Safe Guard Duty if any, shall be applicable as per the latest Govt. Guideline and will be payable by the bidder. Bidders are requested to note the same and quote accordingly.

4) Indigenous Bidder must indicate handling charge to the nearest Rail Head. If any Indigenous Bidder does not indicate the handling charge to the nearest rail head, their offer will be liable for rejection.

5) **Reverse Auction:** Reverse Auction shall not be applicable in this tender. Bidders to quote their firm price only.



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**GENERAL NOTES FOR CASING****1.0 SPECIFICATION:**

1.1 Casings must be manufactured as per API Spec. 5CT, latest edition and must bear API monogram. A copy of valid API Spec. 5CT certificate from the manufacturer shall be submitted along with the offer.

1.2 The Casings shall be brand new, unused, and of prime quality.

1.3 Casings shall be seamless, threaded and fitted with power tightened couplings as per API Spec. 5CT (latest edition).

1.4 Range: All casings shall be supplied in range III length. However, length of each joint should be restricted to 12.19 mtrs (40 ft.) max.

1.5 Coupling: Couplings shall be as specified in API Spec. 5CT (latest edition) and must be manufactured by API approved mills.

1.6 Coating: Coating shall be done as per API Spec. 5CT (latest edition) and adequately oiled to withstand sea voyage.

1.7 Pipe ends: Ends must be prepared as per relevant API specifications including clear triangle mark in case of Buttress thread. Suitable pressed steel / Elastomer-cum-metallic (Composite) thread protectors at both ends as specified in API 5CT (latest edition) shall be used to protect the ends.

**Note:** Elastomer-cum-Metallic (Composite) thread protectors for pin and box end of the casing should be extra strong, closed end & of Drilltech make or its suitable equivalent. The protector should be designed in such a way that it covers the full length of casing threads as well as casing coupling threads. It should have steel shell and elastomer to reduce impact design, to stop corrosion, to eliminate stripping and to keep thread compound active.

1.8 The offer must contain detailed description of the materials giving details of size, weight/wall thickness, grade, length range, type of end, API Std., end protectors etc. Insufficient description will lead to rejection of the offer.

1.9 THE OFFER MUST CONTAIN THE VARIOUS PERFORMANCE PROPERTIES OF THE OFFERED PRODUCT VIZ. COLLAPSE RESISTANCE, INTERNAL YIELD PRESSURE, PIPE BODY YIELD STRENGTH & JOINT STRENGTH (THESE PROPERTIES SHOULD NOT BE LESS THAN THOSE STIPULATED BY API, BUL 5C2, LATEST EDITION IN ANY CASE). FAILURE TO COMPLY WITH THE ABOVE MAY LEAD TO REJECTION OF THE OFFER.

**2.0 MILL INSPECTION, TESTING & CERTIFICATION:**

2.1 The following tests and inspections shall be carried out as per API spec. 5CT (latest edition) and results thereof furnished to OIL along with the supply. Mill Test certificates are to be submitted to OIL in Original.

i) Testing of Chemical Composition.

ii) Testing of Mechanical Properties.

iii) Hydrostatic Tests.

iv) Dimensional testing (wall thickness, drift test, length, weight, determination and straightness).

v) Visual Inspection.

vi) Non-Destructive Inspection.

The manufacturer shall furnish a certificate of compliance stating that the material has been

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manufactured, sampled, tested and inspected in accordance with API Spec. 5CT (SR-15), latest edition. The above certificate should be submitted to OIL in Original.

2.2 End threading, gauging, thread inspection and certification shall be carried out as per API Std. 5B (latest edition).

### **3.0 IDENTIFICATION MARKING:**

3.1 Marking is to be done on each joint strictly as per Appendix D of API Spec. 5CT.

3.2 Additionally, 'OIL' logo/mark and the purchase order number shall be die stamped or paint stenciled on each joint.

3.3 Colour coding: The colour coding shall be done as per API Spec. 5CT (latest edition). The colour band shall be 50.8 mm (2") wide and shall be encircling the pipe at a distance not greater than 2 ft. from the coupling or box with entire paint on the outside surface of coupling.

3.4 For Buttress threaded casings a 1" wide by 24" long longitudinal white paint stripe shall be placed adjacent to the triangle mark on the field end; additionally, a 1" wide by 4" long longitudinal white paint stripe shall be placed adjacent to the triangle mark on the mill end.

### **4.0 THIRD PARTY INSPECTION:**

4.1 Inspection by an independent third party to cover the following shall be required against all casings.

- (i) Material Identification.
- (ii) Stage inspection at random visit basis during manufacturing.
- (iii) Audit and endorsement of all chemical analysis and physical test reports.
- (iv) Witness dimensional checks.
- (v) Witness mechanical tests.
- (vi) Witness NDT.
- (vii) Witness hydrostatic tests
- (viii) Visual inspection for imperfections.
- (ix) Longitudinal defect identification.
- (x) Transverse defect identification.
- (xi) Wall thickness measurement.
- (xii) Grade comparison.
- (xiii) End area defect identification.
- (xiv) Thread inspection.
- (xv) Check and verify length of each joint.
- (xvi) Issue of certificate.

**Note:** Proper Tally sheet (in Original) indicating length of each joint of Casing with heat number of the joint should be furnished to OIL. The Tally sheet should be duly signed & stamped by the Manufacturing Mill and will be endorsed (certified) by the third party inspection agency.

4.2 The third party inspection is to be carried out by an internationally reputed inspection Agency. Bidders must indicate the availability of such a Third Party Inspection Agency in their area furnishing following information.

- (i) Name of the Inspecting Agency (OIL's clearance has to be obtained prior to engagement except M/s. Lloyds, M/s Bureau Veritas, M/s. RITES, M/s. I.R.S., M/s. Tuboscope Vetco and M/s DNV.)
- (ii) All inclusive charges for Third Party Inspection per metre (to be indicated separately).