

**ANNEXURE-I**

**OIL INDIA LIMITED**  
(A Government of India Enterprise)  
P.O. Duliajan-786602, Assam, India  
E-mail: [material@oilindia.in](mailto:material@oilindia.in)

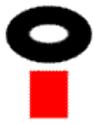
**INVITATION FOR BID**  
**NATIONAL COMPETITIVE BID**

OIL INDIA LIMITED invites National Competitive Bid (NCB) through its e-procurement portal <https://etender.srm.oilindia.in/irj/portal> for the following items:

<b>E-TENDER NO.</b>	<b>BID CLOSING / OPENING DATE</b>	<b>ITEM &amp; QTY.</b>
<b>SDI3130P17/P3</b>	<b>05.01.2017</b>	TRANSFORMER, Qty. – 2 Nos.
<b>SDI3158P17/P3</b>	<b>19.01.2017</b>	FIRE FIGHTING SYSTEM, Qty. – 1 No.
<b>SDI3159P17/P3</b>	<b>19.01.2017</b>	CRUDE OIL TANKER, Qty. – 4 Nos.
<b>SSI3105P17/P1</b>	<b>05.01.2017</b>	SPOTTING FLUID, Qty. – 20,000 Ltrs.
<b>SDI3161P17/P4</b>	<b>05.01.2017</b>	CABLES.

Tender fee (Non-refundable): Rs 1,000.00; Bid Closing/Opening Time: **(11 Hrs.) IST/(14 Hrs.) IST**; Period of sale of documents: **Till one week prior to bid closing date**. The complete bid documents and details for purchasing bid documents, participation in E-tenders are available on OIL's e-procurement portal <https://etender.srm.oilindia.in/irj/portal> as well as OIL's website [www.oil-india.com](http://www.oil-india.com).

**NOTE:** All addenda, Corrigenda, time extension etc. to the tenders will be hosted on above website and e-portal only and no separate notification shall be issued in the press. Bidders should regularly visit above website and e-portal to keep themselves updated.



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

TELEPHONE NO: (91-374) 2808719

FAX NO: (91-374) 2800533

Email: ranjan\_barman@oilindia.in ; erp\_mm@oilindia.in

**FORWARDING LETTER**

**Tender No.** : SDI3130P17 Dt. 29.11.2016  
**Tender Fee** : Rs 1,000.00  
**Bid Security Amount** : Applicable  
**Bidding Type** : SINGLE STAGE COMPOSITE BID SYSTEM  
**Bid Closing on** : As mentioned in the e-portal  
**Bid Opening on** : -do-  
**Performance Security** : Applicable  
**Integrity Pact** : Not Applicable

OIL invites Bids for **Installation, Testing & Commissioning of Transformer (Qty. – 02 Nos.)** through its e-Procurement site under **SINGLE STAGE COMPOSITE BID SYSTEM**. The bidding documents and other terms and conditions are available at Booklet No. MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders. The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area -> Tender Documents

The general details of tender can be viewed by opening the RFx [ Tender] under RFx and Auctions. The details of items tendered can be **found in the Item Data and details uploaded under Technical RFx**.

**The tender will be governed by:**

- a) For technical support on various matters viz. Online registration of vendors, Resetting of Passwords, submission of online bids etc, vendors should contact OIL's ERP MM Deptt at following: Tel Nos = 0374-2807171 , 0374-2807192. Email id = [erp\\_mm@oilindia.in](mailto:erp_mm@oilindia.in).
- b) OIL's office timings are as below:

	Time (in IST)
Monday – Friday	07.00 AM to 11.00 AM; 12.30 PM to 03.30 PM
Saturday	07.00 AM to 11.00 AM
Sunday and Holidays	Closed

Vendors should contact OIL officials at above timings only.

c) **OIL Bank Details :**

	<b>Bank Details of Beneficiary</b>	
<b>a</b>	Bank Name	STAE BANK OF INDIA
<b>b</b>	Branch Name	Duliajan
<b>c</b>	Branch Address	Duliajan, Dist-Dibrugarh
<b>d</b>	Banker Account No.	10494832599
<b>e</b>	Type of Account	Current Account
<b>f</b>	IFSC Code	SBIN0002053
<b>g</b>	MICR Code	786002302
<b>h</b>	SWIFT Code	SBININBB479
<b>i</b>	Contact No.	9435554859
<b>j</b>	Contact Person Name	Mr. K.L.K.Banik, AGM
<b>k</b>	Fax No.	0374-2802729
<b>l</b>	Email Id	<a href="mailto:sbi.02053@sbi.co.in">sbi.02053@sbi.co.in</a>

- d) “General Terms & Conditions” for e-Procurement as per Booklet No. MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders.
- e) Technical specifications and Quantity as per **Annexure – 1A**.
- f) The prescribed Bid Forms for submission of bids are available in the Technical RFx-> External Area - > Tender Documents.
- g) Amendments to the NIT after its issue will be published on OIL’s website only. Revision, clarification, addendum, corrigendum, time extension etc. to the tender will be hosted on OIL website only. No separate notification shall be issued in the press. Prospective bidders are requested to visit website regularly to keep themselves updated.
- h) 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 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).
- i) Bidder are advised to fill up the Technical bid check list (**Annexure EEE**) and Response sheet (**Annexure FFF**) given in MS excel format in Technical RFx -> External Area - > Tender Documents. The above filled up document to be uploaded in the **Technical RFX Response**.

## **Special Notes:**

**1.0 Vendors having OIL's User ID & password may pay Tender Fee on-line through OIL's electronic Payment Gateway upto one week prior to the Bid closing date (or as amended in e-portal).**

**Vendors who do not have OIL's User ID & password, may generate User ID & password online by the Vendor by using the link for supplier enlistment given in OIL's e-tender portal and then pay Tender Fee on-line through OIL's electronic Payment Gateway upto one week prior to the Bid closing date (or as amended in e-portal).**

**Alternatively application showing full address/email address with Tender Fee (Non-refundable) of Rs. 1,000.00 in the form of crossed "Payee Account only "Bank Draft/Bankers' Cheque drawn by Bank and valid for 90 days from the date of issue of the same or in the form of Indian Postal Orders payable to the OIL is to be sent to DGM-Materials, Oil India Limited, P.O. Duliajan, Assam-786602. Application shall be accepted only upto one week prior to the Bid closing date (or as amended in e-portal). The envelope containing the application for participation should clearly indicate "REQUEST FOR ISSUE OF USER ID AND PASSWORD FOR E TENDER NO ..." for easy identification and timely issue of user ID and password. On receipt of requisite tender fee, USER\_ID and initial PASSWORD will be communicated to the bidder (through e-mail) and will be allowed to participate in the tender through OIL's e- Procurement portal. No physical tender documents will be provided. Details of NIT can be viewed using "Guest Login" provided in the e-Procurement portal. The link to e-Procurement portal has been also provided through OIL's web site [www.oil-india.com](http://www.oil-india.com).**

### **NOTE:**

**In case of MSE/PSUs/ Govt. Bodies / eligible institutions etc., they shall apply to DGM-Materials, Oil India Limited, P.O. Duliajan, Assam-786602 for waiver of Tender Fee upto one week prior to the Bid closing date (or as amended in e-portal).**

**2.0** The tender is invited under SINGLE STAGE- COMPOSITE BID SYSTEM. The bidders are required to submit both the "TECHNO-COMMERCIAL UNPRICED BID" and "PRICED BID" through electronic format in the OIL's e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender.

**2.1** Please ensure that Technical Bid / all technical related documents related to the tender are uploaded in the Technical RFx Response-> User - > Technical Bid only.

**3.0** 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 **DGM- Materials, Materials Department, Oil India Limited, Duliajan - 786602, Assam** on or before the Bid Closing Date and Time mentioned in the Tender.

- a) **Original Bid Security**
- b) **Detailed Catalogue (if any)**
- 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 Duplicate.

**4.0 Benefits to Micro & Small Enterprises (MSEs) as per OIL's Public Procurement Policy for Micro and Small Enterprises (MSEs) shall be given. Bidders are requested to go through ANNEXURE – I of MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders for more details. MSE bidders are exempted from submission of Tender Fees and Bid Security/Earnest Money provided they are registered for the items they intend to quote.**

5.0 Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the NIT or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in rejection of its offer without seeking any clarifications.

6.0 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 the bid closing date and time failing which the offer shall be rejected.

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 The tender shall be governed by the Bid Rejection & Bid Evaluation Criteria given in enclosed **Annexure-CCC**. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (as per **Annexure-CCC**) contradict the Clauses of the tender and / or "General Terms & Conditions" as per Booklet No. MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders elsewhere, those in the BEC / BRC shall prevail.

9.0 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.

10.0 Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer.

11.0 If Bank Guarantee is submitted towards 'Bid Security', then bidders have to ensure that the Bank Guarantee issuing bank indicate the name and detailed address (including e-mail) of their higher office from where confirmation towards genuineness of the Bank Guarantee can be obtained.

**NOTE:**

**Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the terms and conditions of NIT.**

**Yours Faithfully**

**Sd-**

**(R. BARMAN)  
SR. MANAGER MATERIALS (IP)  
FOR DGM-MATERIALS**

Tender No &amp; Date: SDI3130P17 Dt. 29.11.2016

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

The following BRC/BEC will govern the evaluation of the bids received against this tender. Bids that do not comply with stipulated BRC/BEC in full will be treated as non responsive and such bids shall prima-facie be rejected. Bid evaluation will be done only for those bids that pass through the “Bid Rejection Criteria” as stipulated in this document.

Other terms and conditions of the enquiry shall be as per General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (BRC / BEC) contradict the Clauses of the tender or MM/LOCAL/E-01/2005 elsewhere, those in the BRC / BEC shall prevail.

<b><u>Criteria</u></b>	<b>Complied / Not Complied. (Remarks if any)</b>
<p><b>1.0 BID REJECTION CRITERIA (BRC):</b></p> <p>The bid shall conform generally to the specifications, terms and conditions given in this document. Notwithstanding the general conformity of the bids to the stipulated specifications, the following requirements will have to be particularly met by the Bidders without which the same will be considered as non-responsive and rejected.</p> <p><b>A) COMMERCIAL:</b></p> <p>i) Validity of the bid shall be minimum 90 days from the Bid Closing Date.</p> <p>ii) Bid security: The bid must be accompanied by Bid Security of <b>Rs 44,800</b> in OIL's prescribed format as Bank Guarantee or a Cashier's cheque or Demand Draft in favour of OIL. The Bid Security may be submitted manually in sealed envelope superscribed with Tender no. and Bid Closing date to Head Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam on or before the Bid Closing Date and Time mentioned in the Tender. <b>The Bank Guarantee towards Bid Security shall be valid for 6 months from Bid closing date. (i.e. upto <b>05.07.2017</b>). Cashier's cheque or Demand Draft shall be valid for minimum 90 days or as per RBI's guidelines, drawn on “Oil India Limited” and payable at Duliajan, Assam</b></p> <p><b>Bid Security may also be paid online on or before the Bid Closing Date and Time mentioned in the Tender.</b></p> <p><b><u>If bid security in ORIGINAL of above mentioned Amount and Validity is not received or paid online within bid closing date and time, the bid submitted through electronic form will be rejected without any further consideration.</u></b></p>	

For exemption for submission of Bid Security, please refer Clause No. 8.16 of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders.

**The format of Bank Guarantee towards Bid Security (Annexure – VII) has been amended to Annexure – VII (Revised) and bidders should submit Bank Guarantee towards Bid Security as per Annexure – VII (Revised) only.**

iii) Bids are invited under “Single Stage Composite Bid System”. Bidders have to submit both the “Techno-commercial Unpriced Bids” and “Priced Bids” 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 works and Technical specification of the tender and the priced bid as per the online Commercial bid format. For details of submission procedure, please refer relevant para of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders.

**iv) Experience and Financial Criteria:**

In addition to the general BRC/BEC, following Technical and Financial criteria shall be considered as on the original Bid Closing Date. **(Documentary evidence to be provided along with the bid in Technical RFx -> External Area -> Tender Documents failing which the offer shall be rejected).**

Criteria	Complied / Not Complied.  Documentary evidence submitted / not submitted
a) Bidder should have experience of successfully executing at least 1 (one) similar order Rs. 11.20 Lakh in preceding 5 (five) years.  Similar order means “11KV, 315KV, or higher rated transformer in any Central Govt./ Govt./PSU/Public Limited Company”.	
b) Annual Financial Turnover of the bidder during <b>any of preceding 03 (three) financial / accounting years from the original bid closing date</b> should be at least <b>Rs. 11.20 Lakhs</b>	
c) Net Worth of the firm should be Positive for preceding financial / Accounting year.	

**Note -For (a): Documentary evidence in respect of the above should be submitted in the form of copies of relevant Purchase Orders along with copies of any of the documents in respect of satisfactory execution of each of**

**those Purchase Orders, such as – (i) Satisfactory Inspection Report (OR) (ii) Satisfactory Supply Completion / Installation Report (OR) (iii) Consignee Received Delivery Challans (OR) (iv) Central Excise Gate Pass / Tax, Invoices issued under relevant rules of Central Excise / VAT (OR) (v) any other documentary evidence that can substantiate the satisfactory execution of each of the purchase orders cited above.**

**Note -For (b) & (c): Considering the time required for preparation of Financial Statements, if the last date of preceding financial / accounting year falls within the preceding six months reckoned from the original bid closing date and the Financial Statements of the preceding financial / accounting year are not available with the bidder, then the financial turnover of the previous three financial / accounting years excluding the preceding financial / accounting year will be considered. In such cases, the Net worth of the previous financial / accounting year excluding the preceding financial / accounting year will be considered. However, the bidder has to submit an affidavit/undertaking certifying that ‘the balance sheet/Financial Statements for the financial year 2015/2016 have actually not been audited so far’.**

**Note: For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the bid:-**

**i) A certificate issued by a practicing Chartered Cost Accountant (with Membership Number and Firm Registration Number), certifying the Annual turnover & Net worth as per format prescribed in ANNEXURE-II.**

**OR**

**ii) Audited Balance Sheet along with Profit & Loss account.”**

v) Performance Security:

The successful bidder shall submit Performance Security @ 10% of PO value within 30 days of receipt of the formal purchase order failing which OIL reserves the right to cancel the order and forfeit the Bid Security. Bidders should undertake in their bids to submit Performance Security as stated above.

The Performance Security shall be in any one of the following forms :

(a) A Bank Guarantee in the prescribed OIL’s format valid for 3(three) months beyond the Warranty period indicated in the Purchase Order /contract agreement.

(b) A Cashier's cheque or Demand Draft with validity of minimum 90 days or as per RBI’s guidelines, drawn on “Oil India Limited” and payable at Duliajan, Assam.

The Performance Security for capital nature items like plant and machinery etc. shall be valid for 12 months from the date of commissioning plus 3(three) months or 18 months from the date of shipment/despatch plus 3(three) months whichever concludes earlier. However, for consumables like chemicals, cement, tubular etc. the Performance Security shall be valid for 12 months from the date of shipment/despatch plus 3(three) months.

**The validity requirement of Performance Security is assuming despatch within stipulated delivery period and confirmation to all terms and conditions of order. In case of any delay in despatch or non-confirmation to**

**all terms and conditions of order, validity of the Performance Security is to be extended suitably as advised by OIL.**

vi) The prices offered will have to be firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and rejected.

vii) Bids received after the bid closing date and time will be rejected. Similarly, modifications to bids received after the bid closing date & time will not be considered.

viii) All the Bids must be Digitally Signed using “Class 3” digital certificate with Organisation’s name (*e-commerce application*) 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 with Organisation’s Name” digital certificate, will be rejected.

ix) Price should be maintained in the “online price schedule” only. The price submitted other than the “online price schedule” shall not be considered.

**x). A bid shall be rejected straightway if it does not conform to any one of the following clauses:**

**(a) Validity of bid shorter than the validity indicated in the Tender.**

**(b) Original Bid Security not received within the stipulated date & time mentioned in the Tender.**

**(c) 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.**

**(d) Annual Turnover of a bidder lower than the Annual turnover mentioned in the Tender.**

**xi). DELIVERY : Maximum acceptable delivery is 09 months from the date of receipt of Purchase Order from OIL**

**xii). INSTALLATION & COMMISSIONING: 01 months from receipt of site clearance from OIL.**

**2.0 BID EVALUATION CRITERIA (BEC)**

The bids conforming to the terms and conditions stipulated in the tender and considered to be responsive after subjecting to the Bid Rejection Criteria as well as verification of original of any or all documents/ documentary evidences pertaining to BRC, will be considered for further evaluation as per the Bid Evaluation Criteria given below.

**A) TECHNICAL:**

i) The bids will be evaluated as per NIT specification.

**B) COMMERCIAL:**

i). To evaluate the inter-se-ranking of the offers, Assam Entry Tax on purchase value will be loaded as per prevailing Govt. of Assam guidelines as applicable on bid closing date. Bidders may check this with the appropriate authority while submitting their offer.

ii) A job executed by a bidder for its own organization / subsidiary cannot be considered as experience for the purpose of meeting BEC.

iii) 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.

**NOTE:**

**Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the terms and conditions of NIT.**

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## TECHNICAL SPECIFICATIONS WITH QUANTITY

Tender No &amp; Date: SDI3130P17 Dt. 29.11.2016

	Complied / Not Complied. (Remarks if any)
<p><b>ITEM NO. 10: TRANSFORMER, (QTY. – 2 NOS.)</b></p> <p>TECHNICAL SPECIFICATIONS OF TRANSFORMER</p> <p><b>Item No 1.</b></p> <p>315 KVA, 11kV/ 433V, 3 Phase, 50 Hz, double winding, copper conductor, Oil filled, natural cooled distribution transformer with off circuit Tap switch for outdoor use &amp; conforming to IS: 1180 with latest amendments, as per following specifications:</p> <p><b>A. GENERAL:</b></p> <ol style="list-style-type: none"> <li>1. Applicable Indian Standard : IS: 1180 with latest amendments.</li> <li>2. Service : Continuous.</li> <li>3. Quantity required : 2</li> <li>4. Installation : Outdoor.</li> <li>5. Auxiliary power supply : 230V AC <math>\pm</math> 10 %</li> <li>6. Control Voltage : 110V DC <math>\pm</math> 10 %</li> </ol> <p><b>B. SITE CONDITION:</b></p> <ol style="list-style-type: none"> <li>1. a) Maximum Ambient air temperature : 40.0 ° C</li> <li style="padding-left: 20px;">b) Minimum Ambient air temperature : 6.0 ° C</li> <li>2. Maximum humidity at site ( at 40 ° C) : 95 %</li> <li>3. Surrounding atmospheric condition : Humid</li> <li>4. Site altitude : 120</li> <li>5. Rainfall : High</li> </ol> <p><b>C. RATING AND GENERAL DATA:</b></p> <ol style="list-style-type: none"> <li>1. Rating : 315kVA</li> <li>2. No. of phases : 3.</li> <li>3. Frequency : 50 <math>\pm</math> 4 %</li> <li>4. Type : Mineral oil filled.</li> <li>5. Type of cooling: ONAN</li> <li>6. Winding: Copper</li> <li>7. Installation: Outdoor</li> <li>8. Vector group : Dyn 11(Conforming to IS: 2026)</li> <li>9. Percentage impedance As per IS :2026</li> <li>10. Nominal system voltage: 11KV/ 433 kV</li> <li>11. Type of neutral earthing : solidly grounded neutral.</li> <li>12. Symmetric short circuit withstands capacity: As per IS-2026.</li> <li>13. Rated short duration power frequency withstand voltage: As per IS 2026.</li> </ol>	

14. Rated lightning impulse withstand voltage: As per IS 2026.

15. a) Permissible Temperature rise in windings : 45 ° C

b) Permissible Temperature rise in top oil : 40 ° C

c) Temperature rise of cores, metallic parts, and adjacent materials: The temperature shall in no case reach a value that will damage the cores itself, other parts or adjacent materials.

16. a) Temperature Losses at 50 % Load (Max): 1.1 KW (max) as per IS 1180.

b) Temperature Losses at 100 % Load (Max): 3.275 KW (max) as per IS 1180.

17. Class of Insulation: A or higher

18. Insulation Level:

i.) HV ( KVp/ KVrms): 75/ 28

ii.) LV ( KVp/ KVrms): --/ 3

19. TAP CHANGER:

Type : OFF Circuit.

Total tapping range : + 5 to – 10 %

Tapping steps : In steps of 2.5 %.

20. TERMINAL ARRANGEMENT:

HV winding line end : Cable box

LV winding line end : Cable box

LV winding neutral end : Bushing

One neutral bushing inside and the one outside the cable box.

21. BUSHING:

Voltage Class: As per IS: 2099

22. CABLE BOX:

i) HV cable box should be suitable for termination of 1 no 3 Cx240 sq. mm XLPE armoured, Aluminum conductor cable with heat shrink type cable termination. The bottom plate shall be detachable type and 1 no. heavy duty single compression cable glands suitable for 3Cx240 sqmm XLPE armoured cables shall be fitted. Cable Box standard should be as per IP-55.

ii) LV cable box should be suitable for termination of 3 nos. of 3 ½ C x 240 sp mm. XLPE armoured, Aluminum conductor cable with heat shrink type cable termination. The bottom plate shall be detachable type and 3 nos. heavy duty single compression cable glands suitable for 3 ½ Cx240 sq mm. XLPE armoured cables shall be fitted. Cable Box standard should be as per IP-55.

iii) HT and LT cable boxes shall be bottom entry type and Bottom detachable gland plates made from 3.0mm thick MSCR sheet shall be provided for all cable entries, suitable cable gland shall be provided for the above cables.

23. TRANSFORMER CORE:

i.) Material: High grade cold rolled grain oriented silicon steel.

ii.) Structure: Secondary grounded and sharp corners avoided.

iii.) Lamination: Treated and coated with suitable insulations.

24. TRANSFORMER WINDING:

- i.) Permanent joints: Welded/ brazed.
- ii.) Threaded connection: Provided with locking devices.
- iii.) Drying: Circulating air oven and vacuum impregnated.

25. TANK AND FITTINGS:

- i.) Tank roof : Slopping type to prevent accumulation of water.
- ii.) Tank construction: Quality grade low speed carbon steel.
- iii.) Inspection hole should be provided.
- iv.) Cooling tubes: detachable type with ON/OFF regulating valve.
- v.) Grounding terminals: 2 nos. for connecting earthing bar.

26. INSULATING OIL:

Mineral insulating oil as per IS: 335. First filling should be done by the supplier.

27. Painting of Body Outside: Powder coated Epoxy

28. LIST OF FITTINGS AND ACCESSORIES:

- i) HV bushings – Inside the cable box: 3 nos.
- ii) LV bushings - Inside the cable box: 4 nos. ; outside the cable box: 1 no.
- iii) Conservator with oil filling hole cap and drain plug. Oil level indicator with minimum and maximum marking should be fitted in the conservator.
- iv) Thermometer pocket – 1 no.
- v) 6" dial type thermometer with max. temperature indicating pointer for oil temperature and alarm contact. – 1 no. Contacts should be wired up to a TB inside the external marshalling box.
- vi) Air release plug - 1no.
- vii) Lifting lugs as required.
- viii) Tank top filter valve: 1 no.
- ix) Tank drain valve: 1 no.
- x) Bottom filter valve –1 no.
- xi) Breather with silica gel – 1 no.
- xii) Earthing terminals – 2 nos.
- xiii) Explosion vent – 1 no.
- xiv) Jacking lugs as required.
- xv) Double float Buchholz relay with alarm and trip contact – 1 no. Relay contacts should be wired up on a TB inside the external marshalling box.
- xvi) Inspection cover.
- xvii) Base channels with bi-directional rollers. – 2 nos.

**29. Following Spares to be supplied with per transformer. Cost of same to be included with main item.**

3 nos. 11KV bushing shall be supplied as spare for item No1

3 nos. LT bushing (phase) shall be supplied as spare for item No1

2 nos. LT bushing (Neutral) shall be supplied as spare for item No1

**ITEM NO. 20: INSTALLATION & COMMISSIONING OF ITEM NO. 10,  
(QTY. – 1 AU)**

Installation, Testing and Commissioning of 2 nos. of 315 KVA Transformers for Duliajan Power Station

**GENERAL NOTES ON COMMISSIONING:**

1. The bidder shall confirm that the jobs shall be carried out under the direct supervision of an Engineer/an electrical supervisor holding a valid Electrical Supervisor's Certificate of Competency. The copy of certificate of competency should be submitted prior to the commencement of the commissioning jobs.

2. The vendor shall obtain permit to work from OIL's Engr.-in-charge before taking up commissioning works.

3. All tools & instruments for commissioning shall be arranged / provided by the vendor. The bidder shall depute their commissioning team and commission the transformer within 30 days after getting the Commissioning call from OIL.

4. Testing & Commissioning of transformer shall be carried out by specialist /engineer from manufacturer. All pre commissioning testing of transformer like magnetic balance test, vector group test, IR test etc. are required to be carried out by party at site before energisation of the transformer.

5. The commissioning of the transformer shall be considered as complete with the submission of the commissioning test records, operating & maintenance manuals, spares list of the transformer etc to OIL.

**TECHNICAL NOTES ON COMMISSIONING:**

**(A) Commissioning**

1. OIL will prepare the civil foundation as per approved drawing and installed the transformer at site

2. Any other materials not specified in the NIT but required for commissioning, item shall be supplied by party.

**(B)PRE-COMMISSIONING CHECKS:**

After completion of installation of the transformer at the specified site, prior to energizing of the transformer, the following checks and tests shall be carried out on transformer.

i) Assembly, check as per manufacturer's drawings and instructions.

ii) Physical inspection for damages, external defects and remedial actions, if any.

iii) Check for proper fixing on foundation, leveling and tightness of foundation bolts.

iv) Check for proper tightness of transformer & its control devices, accessories, cables and earth connections.

v) Check meters, if any.

## GENERAL TERMS AND CONDITIONS

1. The copy of the Type test and Temperature test certificates carried out on a similar or higher rating oil type transformer should be furnished along with the offer.
2. Dimensional drawing of complete transformer including radiator, conservator tank etc. should be furnished along with the offer.
3. Wiring diagram including cable box (both HV and LV), Marshalling Box, tap changer etc. should be furnished along with the offer.
4. Offer must be complete with catalogue/ literature and drawings; otherwise the offer will be rejected..
5. Manufacture's routine test certificates for all the components should be submitted to us on placement of order and before despatch of the materials.
6. The transformer should be offered for pre-despatch inspection and all routine tests should be carried out in presence of OIL engineer.
7. 3 sets of instruction manuals for commissioning, operation and maintenance are to be provided along with the materials.
8. The transformer should be guaranteed for a period of 12 months after commissioning at site and the guarantee certificate duly signed by the party should be submitted along with the transformer.
9. Party should get the drawings approved from OIL before the start of manufacturing the transformer.
10. Transformer should be dispatched filled with transformer oil to the required level or filled with Nitrogen Gas at the desired pressure so that the windings does not absorb the moisture.
11. Packing should be adequate to avoid transit damage and ingress of water.
12. In case of offer made by dealer, valid authorized dealership certificate should be enclosed with the offer otherwise the offer will be liable for rejection.
13. The bidder shall offer separately for supply & Installation & Commissioning of the transformer.
14. The job shall be treated as complete only after supply of the materials and successful installation and commissioning of both the transformers at site.
15. The bidder or their OEM should have successfully completed supply, installation and commissioning of minimum 1 nos, 11 KV, 315KVA or higher rated transformer in any central Govt. /Govt. PSU/Public Limited Companies during the last 5 years. Relevant documents (Purchase order/ performance certificate) shall be submitted along with the offer.
16. The two transformer are to be operated in parallel. So, they should be with matching impedance of other electrical parameter.

**Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the terms and conditions of NIT.**

**Technical Bid Checklist****Annexure-EEE**

Tender No.			
Bidder's Name :			
		<b>Compliance by Bidder</b>	
Sl. NO.	BEC / TENDER REQUIREMENTS	Indicate 'Confirmed' / 'Not Confirmed' / Not applicable	Indicate Corresponding page ref. of unpriced bid or Comments
1	Confirm that validity has been offered as per NIT.		
2	Confirm that Bid Security / Earnest Money has been submitted as per NIT (Wherever Applicable) ?		
3	Confirm that you shall submit Performance security (in the event of placement of order) (Wherever Applicable) ?		
4	Confirm that duly signed Integrity Pact has been submitted as per NIT (Wherever Applicable) ?		
5	Confirm that you have submitted documentary evidence of successfully executing one Purchase order as stipulated in NIT in any of the preceding 5 financial years (*)		
6	Confirm that you have submitted Balance Sheet and Profit and Loss Account of any of the preceding 3 financial years certified by a chartered accountant.		
7	Confirm that the bid has been signed using Class 3 digital certificate with Organisation's Name as per NIT.		
8	Confirm that you have not taken any exception/deviations to the NIT .		

NOTE: Please fill up the greyed cells only.

(\*) Purchase Orders along with copies of any of the documents in respect of satisfactory execution of the Purchase Orders should be submitted – (i) Satisfactory Inspection Report (OR) (ii) Satisfactory Supply Completion / Installation Report (OR) (iii) Consignee Received Delivery Challans (OR) (iv) Central Excise Gate Pass / Tax , Invoices issued under relevant rules of Central Excise / VAT (OR) (v) any other documentary evidence that can substantiate the satisfactory execution of the purchase order cited above.

**Response Sheet**

Annexure-FFF

Tender No.
Bidders Name

**Bidders Response Sheet**

Sl No.	Description	Remarks
1	Place of Despatch	
2	Whether Freight charges have been included in your quoted prices	
3	Whether Insurance charges have been included in your quoted prices	
4	Make of quoted Product	
5	Offered Validity of Bid as per NIT	
6	Bid Security Submitted (if applicable)	
6	Details of Bid Security Submitted to OIL (if applicable)	
	a) Bid Security Amount (In Rs):	
	b) Bid Security Valid upto:	
7	Whether you shall submit Performance Security in the event of placement of order on you (if applicable)	
8	Integrity Pact Submitted (if applicable)	
9	Whether you have submitted documentary evidence of successfully executing one Purchase order as stipulated in NIT in any of the preceding 5 financial years (*)	
10	Whether you have submitted Balance Sheet and Profit and Loss Account of any of the preceding 3 financial years certified by a chartered accountant.	
11	Delivery Period in weeks from placement of order	
12	Complied to Payment terms of NIT (if applicable) otherwise to Standard Payment Terms of OIL or not.	
13	If bidder is MSE whether you have quoted your own product	
14	If Bid security submitted as Bank Guarantee, Name and Full Address of Issuing Bank including Telephone, Fax Nos and Email id of branch manager	

**NOTE: Please fill up the greyed cells only.**

(\*) Purchase Orders along with copies of any of the documents in respect of satisfactory execution of the Purchase Orders should be submitted – (i) Satisfactory Inspection Report (OR) (ii) Satisfactory Supply Completion / Installation Report (OR) (iii) Consignee Receipted Delivery Challans (OR) (iv) Central Excise Gate Pass / Tax , Invoices issued under relevant rules of Central Excise / VAT (OR) (v) any other documentary evidence that can substantiate the satisfactory

**(TO BE FILLED UP BY ALL THE VENDOR IN THEIR OWN LETER HEAD)  
(ALL FIELDS ARE MANDATORY)**

Tender No. :.....  
Name of Beneficiary :M/s.....  
Vendor Code :.....  
Address :.....  
.....  
Phone No. (Land Line) :.....  
Mobile No. :.....  
E-mail address :.....  
Bank Account No. (Minimum  
Eleven Digit No.) :.....  
Bank Name :.....  
Branch :.....  
Complete Address of your  
Bank :.....  
IFSC Code of your Bank  
a) RTGS :.....  
b) NEFT :.....  
PAN :.....  
VAT Registration No. :.....  
CST Registration No. :.....  
Service Tax Registration No. :.....  
Provident Fund Registration :.....

I/We confirm and agree that all payments due to me/us from Oil India Limited can be remitted to our above mentioned account directly and we shall not hold Oil India Limited responsible if the amount due from Oil India Limited is remitted to wrong account due to incorrect details furnished by us.

Office Seal

.....  
Signature of Vendor

Counter Signed by Banker:  
Seal of Bank:

Enclosure: Self attested photocopies of the following documents-

- 1) PAN Card
- 2) VAT Registration Certificate
- 3) Service Tax Registration
- 4) CST Registration
- 5) Provident Registration Certificate
- 6) Cancelled cheque of the bank account mentioned above (in original).
- 7) Bank Statement not older than 15 days on the date of submission.

**CERTIFICATE OF ANNUAL TURNOVER & NET WORTH**

**TO BE ISSUED BY PRACTISING CHARTERED ACCOUNTANTS' FIRM ON THEIR  
LETTER HEAD**

**TO WHOM IT MAY CONCERN**

This is to certify that the following financial positions extracted from the audited financial statements of M/s..... (Name of the Bidder) for the last three (3) completed accounting years up to..... (As the case may be) are correct.

<b>YEAR</b>	<b>TURN OVER In INR (Rs.) Crores</b>	<b>NET WORTH In INR (Rs.) Crores</b>

Place:

Date:

Seal:

Membership No.:

Registration Code:

Signature: