



**OIL INDIA LIMITED**  
(A Government of India Enterprise)  
P.O. Duliajan - 786602, Assam, India  
FAX: 91-0374-2800533; E-mail : [material@oilindia.in](mailto:material@oilindia.in)

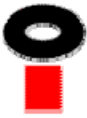
A) OIL INDIA LIMITED invites Indigenous Competitive Bid (e-tenders) through its e-Procurement portal : <https://etender.srm.oilindia.in/iri/portal> for following e-tender :

E-Tender No.	B.C Date	Material Description & Quantity
SDI5263P15 DT: 04.11.2014 (SINGLE STAGE COMPOSITE BID SYSTEM)	08.01.2015	SUPPLY OF PRESSURE CALIBRATOR/SOLDERING IRON STATION/PRECISION - STANDARD GAUGE
SDISDI5363P15 DT: 12.11.2014 (SINGLE STAGE COMPOSITE BID SYSTEM)	08.01.2015	TRANSFORMER – 3 NOS
SDI5364P15 DT: 12.11.2014 (SINGLE STAGE COMPOSITE BID SYSTEM)	08.01.2015	LT PANEL – 01 NOS
SDI5362P15 DT:12.11.2014 (SINGLE STAGE TWO BID SYSTEM)	08.01.2015	11 KV VCB PANEL – 05 NOS

Application showing full address/email address with Tender Fee (Non-refundable) of Rs. 1,000.00 (Excepting PSUs and SSI units registered with NSIC) in favour of M/s Oil India Limited and payable at Duliajan is to be sent to Head-Materials, Oil India Limited, P.O. Duliajan, Assam-786602. Application shall be accepted one week prior to Bid Closing date. 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:**

(Tender Fee may also be paid online upto one week prior to the bid closing date (or as amended in e-portal).



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

TELEPHONE NO. (91-374) 2808719

FAX NO: (91-374) 2800533

Email: tuhin\_roy@oilindia.in ; erp\_mm@oilindia.in

**FORWARDING LETTER**

**Tender No.** : SDI5362P15 DT: 12.11.2014

**Tender Fee** : Rs 1,000.00

**Bid Security Amount** : Rs 59,000.00

**Bidding Type** : SINGLE STAGE TWO BID SYSTEM

**Bid Closing on** : As mentioned in the e-portal

**Bid Opening on** : -do-

**Performance Security** : Applicable

**Integrity Pact** : Applicable

OIL invites Bids for **SUPPLY, INSTALLATION AND COMMISSIONING OF 11 KV RING MAIN UNIT PANEL WITH VCB** through its e-Procurement site under **SINGLE STAGE TWO 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) “General Terms & Conditions” for e-Procurement as per Booklet No. MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders.
- b) Technical specifications and Quantity as per **Annexure – 1A**.
- c) The prescribed Bid Forms for submission of bids are available in the Technical RFX -> External Area -> Tender Documents.
- d) In the event of receipt of only a single offer against the tender within B.C. date, OIL reserves the right to extend the B.C. date as deemed fit by the Company. During the extended period, the bidders who have already submitted the bids on or before the original B.C. date, shall not be permitted to revise their quotation.
- e) 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).

- f) 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 Note:**

**1.0 General Qualification Criteria:**

In addition to the general BRC/BEC, following criteria on Bidders' Experience and their financial capabilities shall be considered (**documentary evidence to be provided along with the bid in Technical RFX -> External Area -> Tender Documents**) as on the Bid Closing Date:

<b>Criteria</b>	<b>Complied / Not Complied. Documentary evidence submitted / not submitted</b>
a) Bidder should have experience of supply, installation and commissioning of 11KV RMU panel with VCB Rs 17.64 Lakhs during last 3 years.	
b) Annual financial turnover of the firm in any of the last 3 financial years or current financial year should not be less than <b>Rs 58.80 Lakhs.</b>	

**2.0 Application showing full address/email address with Tender Fee (Non-refundable) of Rs. 1,000.00 in favour of M/s Oil India Limited and payable at Duliajan is to be sent to Head-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:**

a) Tender Fee may also be paid online upto one week prior to the bid closing date (or as amended in e-portal).

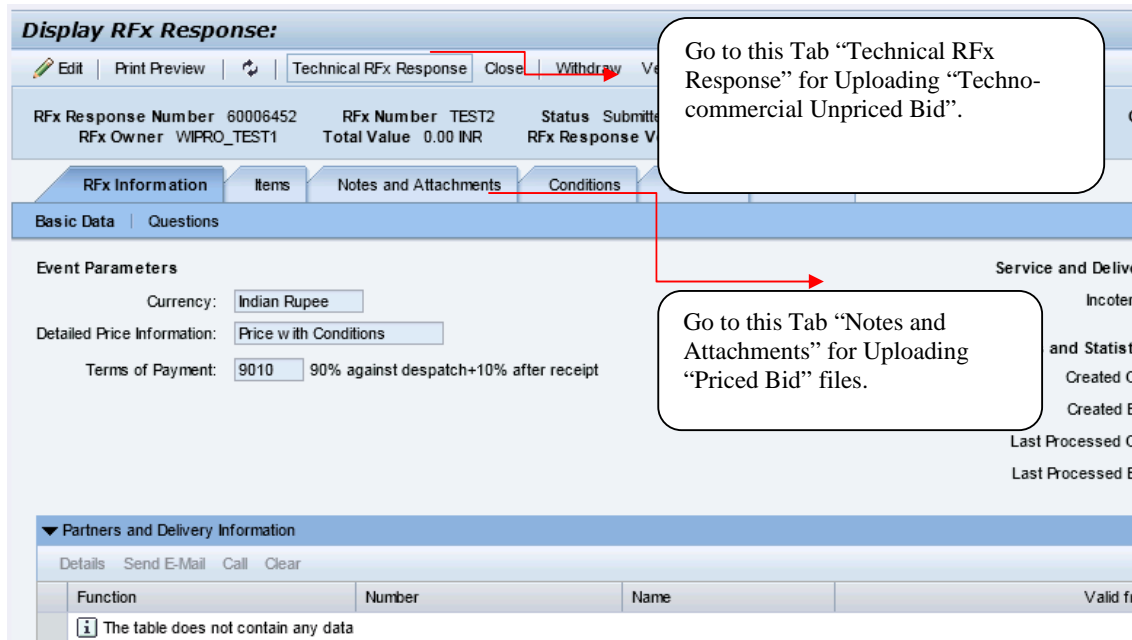
b) PSUs and SSI units are provided tender documents Free of Cost (as per govt guidelines), however they have to apply to OIL's designated office to issue the tender documents before the last date of sale of tender document mentioned in the tender.

**3.0 The tender is invited under SINGLE STAGE-TWO 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.**

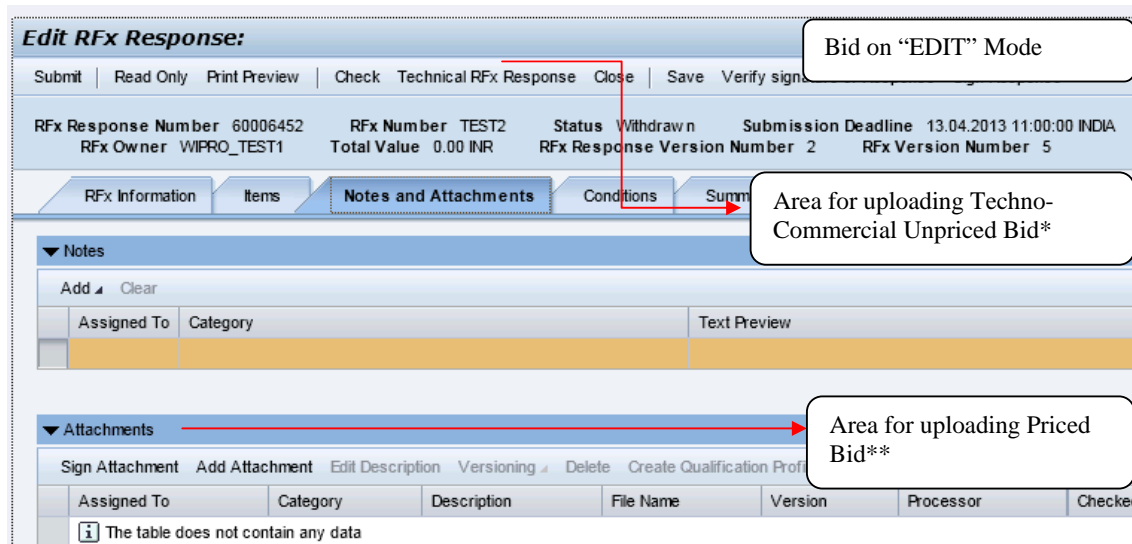
**3.1 Please ensure that Technical Bid / all technical related documents related to the tender are uploaded in the Technical RFx Response-> User - > Technical Bid only. The “TECHNO-COMMERCIAL UNPRICED BID” shall contain all techno-commercial details except the prices. Please note that no price details should be uploaded in Technical RFx Response.**

**3.2 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”. Details of prices as per Bid format / Commercial bid can be uploaded as Attachment under the attachment option under “Notes & Attachments”.**

**3.3 A screen shot in this regard is given below. Offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in Annexure-CCC.**



**On “EDIT” Mode- The following screen will appear. Bidders are advised to Upload “Techno-Commercial Unpriced Bid” and “Priced Bid” in the places as indicated above:**



**Note :**

\* The “Techno-Commercial Unpriced Bid” shall contain all techno-commercial details **except the prices.**

\*\* The “Price bid” must contain the price schedule and the bidder’s commercial terms and conditions. For uploading Price Bid, first click on Sign Attachment, a browser window will open, select the file from the PC and click on Sign to sign the Sign. On Signing a new file with extension .SSIG will be created. Close that window. Next click on Add Attachment, a browser window will open, select the .SSIG signed file from the PC and name the file under Description, Assigned to General Data and click on OK to save the File.

4.0 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 **Head 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 triplicate.

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 **SINGLE STAGE 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.

9.0 **a) 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-DDD** 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. Any bid not accompanied by Integrity Pact Proforma duly signed (digitally) by the bidder shall be rejected straightway. 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.

**b) The name of the OIL’s Independent External Monitors at present are as under:**

- i) **SHRI N. GOPLASWAMI, I.A.S. (Retd.),**  
**Former Chief Election Commissioner of India**  
**E-mail Id : [gopaldaswamin@gmail.com](mailto:gopaldaswamin@gmail.com)**
- ii) **SHRI RAMESH CHANDRA AGARWAL, IPS (Retd.)**  
**Former Director General of Police**  
**E-mail Id : [rcagarwal@rediffmail.com](mailto:rcagarwal@rediffmail.com)**

10.0 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 (LCB Tenders) elsewhere, those in the BEC / BRC shall prevail.

11.0 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.

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

**NOTE:**

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

**Yours Faithfully**

**Sd-**  
**(R BARMAN)**  
**SR. MANAGER MATERIALS (IP)**  
**FOR : HEAD-MATERIALS**

Tender No &amp; Date: SDI5362P15 DT: 12.11.2014

**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 LCB 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.

<u>Criteria</u>	Complied / Not Complied. (Remarks if any)
<p><b>1.0 BID REJECTION CRITERIA (BRC):</b></p> <p>The bid shall conform generally to the 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 120 days from the Bid Closing Date.</p> <p>ii). Bid security: The bid must be accompanied by Bid Security of <b>Rs 59,000.00</b> in OIL's prescribed format as Bank Guarantee or a Bank Draft/Cashier cheque 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 10 months from Bid closing date. (i.e. upto 08.11.2015).</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. 8.8 of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement LCB 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.

**In case of extension of Bid Closing date against the tender where a bidder has already submitted his bid with requisite bid security validity within the original B.C. Date, such bidders will extend validity of bid security covering the extended period of the bid closing date.**

iii). Bids are invited under “Single Stage Two 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 LCB Tenders. Any offer not complying with the above shall be rejected straightway.

iv). Performance Security:

a) The successful Bidder will have to provide 1<sup>st</sup> Performance Security @ 10% of total cost of Equipment + Installation & Commissioning + Training. The Performance Security must be valid for one year from the date of successful commissioning of the equipment or 18 months from the date of despatch whichever is earlier.

b) The successful Bidder will have to provide 2<sup>nd</sup> Performance Security @ 10% of total cost of AMS for 4 years prior to expiry of the 1st Performance Security. The Performance Security must be valid for 4 years.

**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.**

For exemption for submission of Performance Security, please refer Clause No. 9.12 of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders.

v). *The Bank Guarantee should be allowed to be encashed at all branches within India.*



- 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). Technical RFX Response folder is meant for Technical bid only. Therefore, No price should be given in Technical RFX Response folder, otherwise the offer will be rejected.
- x). Price should be maintained in the “online price schedule” only. The price submitted other than the “online price schedule” shall not be considered.

xi). Integrity Pact :

OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide **Annexure DDD** 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. **Any bid not accompanied by Integrity Pact Proforma duly signed (digitally) by the bidder shall be rejected straightway.** 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.

**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:**

1. Offer shall be complete in all respect to meet the technical specifications and general notes of the NIT.

**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) 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".

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 NIT terms and conditions of NIT.**

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**Tender No & Date: SDI5362P15 DT: 12.11.2014**

	<b>Complied / Not Complied. (Remarks if any)</b>
<p><b><u>ITEM NO. 10</u></b></p> <p><b><u>SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF 11KV EXTENSIBLE 4-WAY SF6 INSULATED RING MAIN UNIT WITH VCB. – QTY = 05 NOS</u></b></p> <p>1.0 SCOPE            This specification covers supply, installation, testing and commissioning of 11kV extensible SF6 insulated Ring Main Unit with VCB at site. The RMU shall be outdoor type comprise of two (02) Nos Load Break Switch and two (02) Nos VCB and should be tested in accordance to IS/IEC 62271 or equivalent standards. It should be ready for operation on delivery. The RMU to be supplied against this specification are required for vital installations where continuity of service is very important. The design, materials and manufacture of the equipment shall, therefore, be of the highest order to ensure continuous and trouble-free service over the years.</p> <p>2.0 APPLICABLE CODES AND STANDARDS            The latest revision / amendments of the following codes and standards shall be applicable for the equipment:            IS/IEC 62271-part 100: High-voltage alternating-current circuit breakers.            IS/IEC 62271-part 102: Alternating current disconnectors (isolators) and earthing switch.            IS/IEC 62271-part 200: AC metal-enclosed switchgear and controlgear for rated voltage above 1 kV and up to and including 52 kV.            IEC 60376: Specification and acceptance of new sulphur hexafluoride.            IEC 60529: Classification of degree of protection provided by enclosures.</p> <p>DESIGN AND CONSTRUCTION REQUIREMENTS</p> <p>3.1 General            3.1.1 The ring main unit shall consist of the following configurations:            (i) 2 Nos. ring switches (Isolators) for through feed and 2 Nos. circuit breakers for tee-off according to manufacturer's type-tested configuration.            (ii) 2 Nos. 630A, 11kV Incoming Load Break Switches with integral Earth Switch            (iii) 2 Nos. 630A, 11kV Feeder Vacuum Circuit Breakers with microprocessor based IDMT 3 O/C + E/F numerical relays.            (iv) 1 Nos. Bus PT module, 11kV/110V, burden 50VA Class 1P&amp;3P cast resin type. PT should be equipped protection HRC Fuse on HT side &amp; MCB/Fuses on LT side.            (v) Fault passage indicator (FPI) in all Load Break Switch modules having S/C and E/F : Make: Electrotech/Siemens or equivalent            (vi) Voltage presence indicating system (VPIS) in all modules: Make: Electrotech/Siemens or equivalent            (vii) Digital Multifunction meter showing voltage, current, frequency, watt &amp; VAR (with or without RS485 port - as per requirement) along with cast resin CT ratio 100/1 Amp, Class 1 metering, Burden 2.5VA, protection Class 5P10, 2.5VA on each Outgoing breaker feeder</p>	

(viii) 110V/ 24V Power pact with 24Volt battery for auxiliary power supply, Make: Allen Bradley or equivalent

3.1.2 The terminals of the switches shall be suitable for installation of XLPE cable sizes of 3C 11kV 240 sqmm.

3.1.3 All live parts of the switchgear and busbars assembly shall be grouped together and SF6 gas insulated in a gas-tight stainless steel chamber, and sealed for life.

### 3.2 Foundation

3.2.1 The party shall develop foundation designs for the RMU based on the information/drawing furnished by the manufacturer of the RMU.

### 3.3 Shed construction

The party shall construct shed for RMU panel with the following specification:

3.3.1 Foundation: posts/columns shall be grouted with 1:2:4 concrete to form a block of 600x600x900 mm

3.3.2 Structure: Pitched roof truss 1:3 slope made with MS tubular sections of suitable sizes including columns/posts. All steel sections shall be painted with synthetic enamel over a coat of red-oxide primer.

3.3.3 colour coated galvalume / zinalume 0.50 mm thick profile sheet.

3.3.4 Flooring (surrounding area): 75 mm thick trowel finished 1:2:4 concrete floor over a layer of flat brick soling over compacted earth.

3.3.5 The successful bidder shall obtain drawing approval from OIL for design & construction of shed for RMU Panel

### 3.4 System Characteristics

The ring main unit shall be suitable to operate under system parameters.

Electrical and mechanical strength of ring main unit shall be designed to operate in a system to withstand a short circuit current of 21 kA for 3 second or more at 11 kV nominal voltage.

### 3.5 Current Rating

The continuous current rating of the unit shall be in accordance with relevant IS/IEC standards:

Load break switches (Isolator): 630 A, 11kV

Circuit Breaker : 630 A, 11kV

Bus Bar : 630 A, 11kV

3.6 Two (02) Nos Vacuum Circuit Breakers complete with motorised spring charging with breaker ON/OFF operating mechanism, power pact with battery for auxiliary power, numerical type O/C, S/C, E/F protection relay with associated Current Transformers shall be used for control and protection of Transformer. An integral cable earthing switch with full making capacity shall be provided.

3.7 The Load Break Switch, Bus bars should be mounted inside a welded sealed for life, stainless steel tank of not less than 2.5 mm thick. The tank should be filled with SF6 gas at adequate pressure. The degree of protection for gas tank should be IP67. There shall be provision for filling the SF6 gas at site. The Stainless Steel Gas Tank shall conform to the sealed pressure system as per IS/IEC and ensure the gas leakage to 0.1 % per year as per IS/IEC.

3.8 The VCB is required to control 11 kV Feeder/Transformer Feeder protection and shall be selected accordingly.

3.9 Breaking & Making Capacity: The Load Break Cable Switches shall be capable for

breaking rated full load current. The same along with its earthing switch shall also be suitable for full making capacity of the system as specified. The complete switchgear shall be suitable for breaking capacity of 20kA symmetrical at 11000 volts three phase.

3.10 Busbar: Switchgear shall be complete with all connection, bus-bars etc. Copper bus bars continuous rating shall be 630 Amps. The bus bars should be fully encapsulated by SF6 gas inside the steel tank.

3.11 Protection: The Circuit breaker shall be fitted with numerical type relay. The same shall be used in conjunction with 100/1 CT's and Tripping Coil for fault tripping of the Circuit Breakers.

3.12 Cable Termination: Each Cable compartment shall be provided with three bushings of adequate sizes to terminate the incoming outgoing 11kV 3 Core XLPE cables of 240 mmsq. There shall be enough height from the base of the mounted switchgear so that the cables can be bent and taken vertically up to the bushings. The Cable termination shall be done by Heat shrinkable Termination method so that adequate clearances shall be maintained between phases for Termination. Access to all the cables should be possible from the front of RMU. Cable Termination boots shall be supplied by the switchgear manufacturer.

#### 4.0 TECHNICAL SPECIFICATIONS:

##### 4.1. Switchgear Data

- a) Service : Outdoor
- b) Type : Metal enclosed
- c) Number of Phases : 3
- d) System Voltage : 11kV
- e) Rated Frequency : 50 Hz
- f) Rated Current : 630 Amps
- g) System earthing : Solidly earthed

##### 4.2. Load Break Switches (Isolators)

- a) Type : Load breaking and fault making
- b) Rated Current : 630 Amps
- c) Rated Breaking capacity (kA rms): 20 kA (min.)
- d) Fault making capacity (kA peak) : 50 kA (min.)
- e) No. of poles : 3
- f) Operating mechanism: Operating handle with ON, OFF, Earth positions with arrangement for padlocking in each position.
- g) SF6 Chamber : With SF6 gas pressure guage indicator and filling arrangement.

##### 4.3 Vacuum Circuit Breaker

- a) Type : Fixed Type
- b) Rated Voltage : 12kV
- c) Rated Current : 630A
- d) Breaking current : 20kA for 3 Seconds.
- e) Making current : 50kA
- f) Short time rating : 20kA for 3 Sec.
- g) Impulse flashover withstand voltage: 75kV peak
- i) Power frequency withstand voltage : 28kV(rms)
- j) No. of poles : 3
- k) Operating mechanism: Trip free & free handle type with mechanically operated indication &

pad locking.

#### 4.4 Busbars

a) Material : Copper

b) Rated Current : 630 Amps

c) Breaking Current for 3 sec. : 20 kA

d) Insulation of Busbars: Heat shrinkable sleeve insulation of 11KV voltage grade should be provided on busbar, its risers & connections and shall be marked in different colour codes for identification of three different phases(R, Y, B). Thickness of busbar sleeve shall be 3 mm and shall be made of Raychem RPG 11 kV grade or similar type

#### 4.5 Load break switch (Isolator)

The LBS offered shall conform to IS/IEC: 62271-102 as amended to date. The LBS shall be triple pole, spring assisted, hand operated, non-automatic type with quick break contacts. The operating handle shall have three positions 'ON', 'OFF' and 'EARTH' which shall be clearly marked with suitable arrangement to padlock in any position. A safety arrangement for locking shall be provided by which the isolator operation shall be prevented from 'ON' position to 'EARTH' position or vice versa.

#### 4.6 Switchgear:

4.6.1 Sealed for life, the enclosure shall meet the "sealed pressure system" criteria in accordance with IS/IEC: 62271-200. In addition, manufacturer shall confirm that maximum leakage rate is lower than 0.1% per year. It shall provide full insulation, making the switchgear insensitive to the environment. Thus assembled, the active parts of the switchgear unit shall be maintenance free.

4.6.2 The switchgear & switchboard shall be designed so that the position of different devices is visible to the operator on the front of the switchboard. The switchboard shall be designed so as to prevent access to all live parts during operation without the use of tools.

4.6.3 RMU should be tested for internal arc fault test as per the latest IS/IEC 62271-200 for 20KA/0.1 sec. This test shall be performed in cable compartment as well as the stainless steel HV enclosure and the valid type test reports shall be submitted for technical evaluation.

4.6.4 The cable compartment cover must be interlocked with the switch position and the operator should get access only once the feeders is switched OFF & EARTHED.

#### 4.7 Circuit Breaker:

The Unit shall consists of two (02) Nos of 630A Tee-off spring assisted, three pole Vacuum circuit breakers, with combined disconnecter for earthing. The function shall be naturally interlocked to prevent the main & earth switch from being switched 'ON' at the same time & the CB not allowed to trip in 'Earth On' position. The selection of the main/earth switch lever on the panel, which is allowed to move only if the main or earth switches in the off position. The lever shall be able to pad locked in either the main or earth position.

#### 4.8 Protection Relay :

Numerical type relay having O/C, S/C and E/F Protection with Low set (Time Delay) and High-

set (Instantaneous) Elements (50/51,50N/51N) suitable for solidly grounded system.

4.8.1 The degree of protection of the relay enclosure shall be of class IP 54 or better.

Relay shall be suitable for outdoor installations in extreme heat and dusty conditions without affecting its normal performance.

4.8.2 The relay shall be suitable for 5A or 1A CT secondary current and 24Volt auxiliary power supply powered with powerpack with battery.

4.8.3 Phase fault over current protection shall have IDMT features so as to coordinate with upstream IDMT and definite time delay relay. The selectable minimum pickup setting shall be 0.1 In.

4.8.4 Ground fault protection shall have definite time characteristics features and shall have:

Selectable pickup setting.

Time setting range of 0.1 to 1.0s.

4.8.5 The relay and CTs should be compatible with each other and the relay shall impose low burden on CTs.

Make: ABB(REF 615)/Seimens(type Siprotec 7SJ80/ Areva T&D India Ltd (type Micomp122)/Micom Alstom p40

4.9 Voltage Indicator Lamps (VPIS)

The RMU shall be equipped with a LED voltage indication lamps with sensor as per IEC 601958 to indicate whether or not there is voltage on the cables.

4.10 Fault Passage Indicators (FPI):

The Fault Passage Indicator (FPI) with self-contained type requiring no auxiliary power supply shall be integral part of RMU.

4.11 Name Plate / Rating Label

Ring main unit shall be provided with Aluminum /Stainless steel / Brass nameplate showing the following information indelibly marked in English:

- o Manufacturer's Name
- o Type/Model
- o OIL's Purchase Order No. & date
- o Manufacturer's Serial Number
- o Year of Manufacture
- o Voltage Rating, kV
- o Current Rating, Amps
- o BIL, kV
- o Short Circuit Rating / Duration, kA / Sec
- o Rated Frequency, Hz
- o Rated Making Current, kA
- o Rated Breaking Current, kA
- o Gross Weight, kg

4.12 Danger Plates

Danger plate shall be provided and installed at the front of the ring main unit using M5 hot dipped galvanized /stainless steel / brass fasteners (oval head rounded neck bolts with nuts and

external tooth lock washers) not removable / accessible from the front i.e. without opening the door / front cover.

#### 4.13 Type Tests:

The offered RMU should have been successfully type tested at NABL approved laboratories in India or equivalent international laboratories in line with the relevant standard and technical specification, within the last 5 (five) years from the date of offer. The bidder shall be required to submit complete set of the type test reports along with the offer.

#### 4.14. GUARANTEED TECHNICAL PARTICULARS:

The technical particulars as per IS shall be guaranteed and Guaranteed Technical particulars as per Annexure-I shall be furnished by the Bidder along with the bid.

#### 5.0 DOCUMENTS/ SUBMITTALS:

5.1 The following documents shall be submitted with the offer

- i. GA drawing of the prefabricated RMU showing dimensional details
- ii. RMU foundation detailed drawing
- iii. Type Test certificates for tests conducted earlier on similar equipment shall be furnished.

5.2. The successful bidder shall obtain approval for the following drawings, documents. All electrical details shall be submitted within 45 days of placement of order. OIL shall require minimum 30 days time for approval of drawings. The approval time may increase depending upon clarifications required from the bidders.

- i. GA drawing showing all details, including constructional detail, foundation detail and component layout of the prefabricated RMU.

5.3. Four sets of the following documents shall be submitted with the supply

- i. Approved GA drawing showing all details, including constructional detail and component layout for panels
- ii. Technical specification of all equipment
- iii. Bill of materials with catalogues of various components.
- iv. Type test certificates of individual components of the RMU i.e. Isolators, Breaker, Relay etc as per relevant IS/IEC.
- v. Guarantee Certificate
- vi. List of recommended spare parts with part no. for two year

#### 6.0 SPECIAL NOTES:

6.1 Bidder shall confirm in the bid that:

6.1.1 The installation, testing & commissioning of 11KV SF6 outdoor type RMU will be carried out under supervision of experienced supervisor certificate of competency for carrying out 11kv works valid for operating in Assam.

6.1.2 All electrical works shall be carried out by person having valid supervisor certificate of competency for operating in Assam.

6.1.3 Services of specialist Engineer from manufacturer shall be required at site for commissioning of the RMU with testing of numerical relay.

6.1.4 Manufacturer of prefabricated 11KV outdoor type RMU shall have the testing facilities to



carry out the routine tests of the RMU in their manufacturing works.

#### 7. TEST AND INSPECTION:

7.1 The RMU shall be inspected by OIL engineer at manufacturer's work prior to dispatch.

7.2 Routine tests on the RMU including primary & secondary injection tests of relays in accordance with IS/IEC shall be carried out at the manufacturers works which shall be witnessed by OIL engineer.

7.3 The supplier shall give 15 days' advance intimation to OIL regarding inspection for deputing Engineer.

#### 8. WARRANTY:

The equipment shall be of best quality and workmanship. The RMU with all electrical equipments shall be guaranteed for 12 (Twelve) months from the date of commissioning against defects arising due to material, workmanship or design.

Make of 4-Way RMU : ABB / Siemens / Schneider/CG-Lucy

Make of CT & PT: same as manufacturer of RMU

#### Annexure- I

Guaranteed Technical Particular for 4-way Ring Main Unit-11kV extensible RMU (outdoor type)

#### 1.0 SWITCHGEAR ASSEMBLY

1.1 Make

1.2 Type

1.3 Reference Standards

1.4 Voltage (Normal/Max.) kV

1.5 Phase (Nos.)

1.6 Frequency (HZ)

1.7 Short Circuit rating

a) Breaking Symmetrical (KA)

b) Breaking Asymmetrical (KA)

c) Short time for 1 Sec. (KA)

d) Short time for 3 Sec. (KA)

1.8 Insulation Level

a) Impulse withstand (KV peak)

b) 1 Minute 50 Hz. Voltage withstand (KV rms)

1.9 Metal Clad Construction Yes/No

1.10 Degree of protection

1.11 Switchgear completely wire and tested at factory: Yes/No

#### 2.0 CONSTRUCTION

2.1 Overall Dimensions

a. Breaker

i) Length (MM)

ii) Breadth (MM)

iii) Height (MM)

- b. Isolator
  - i) Length (MM)
  - ii) Breadth (MM)
  - iii) Height (MM)
- c. Total Non Extensible 3 Way RMU
  - i) Width (W) (mm)
  - ii) Depth (D) (mm)
  - iii) Height (mm)
- 2.2 Weight
  - a) Breaker (Kg)
  - b) Isolator (Kg)
  - c) Extensible 3 Panel RMU (Kg)
- 3.0 Bus bar
  - 3.1 Make
  - 3.2 Material & Grade
  - 3.3 Reference Standard
  - 3.4 a) Cross sectional area (mm<sup>2</sup>)
    - b) Size (mm<sup>2</sup>)
  - 3.5 Continuous Current
    - a) Standard
    - b) At site conditions and within cubicle
  - 3.6 Maximum temperature rise over ambient (c)
  - 3.7 Short time current for 1 Sec. (KA rms)
  - 3.8 Minimum clearance from bare bus bar connection
    - a) Phase to phase (mm)
    - b) Phase to Earth (mm)
  - 3.9 Bus Bar provided with
    - a) Insulation Sleeve
    - b) Phase barriers
    - c) Cast Resin shrouds for joints
  - 3.10 Bus bar connection
    - a) Silver Plated
    - b) Made with anti-oxide grease
  - 3.11 Bus Bar support spacing (mm)
  - 3.12 Bus support insulators
    - a) Make
    - b) Type
    - c) Reference Standard
    - d) Voltage Class (KV)
    - e) Minimum creepage distance (mm)
    - f) Cantilever strength Kg/mm<sup>2</sup>
    - g) Net Weight (Kg)
  - 3.13 SF<sub>6</sub> gas pressure (filing pressure at 20 deg. C)
- 4.0 Vacuum CIRCUIT BREAKER
  - 4.1 Make
  - 4.2 Type
  - 4.3 Reference Standard
  - 4.4 Rated Voltage
  - 4.5 Rated Frequency
  - 4.6 No. of Poles

- 4.7 Rated Current
  - a) Normal (Standard) Amps
  - b) Rated (Site) Amps
- 4.8 Maximum temperatures rise over ambient.(deg. C)
- 4.9 Rated operating Duty
- 4.10 Rupturing capacity at rated voltage (MVA)
- 4.11 Breaking Capacity at rated voltage & operating duty
  - a) Symmetrical (KA rms)
  - b) Asymmetrical (KA rms)
- 4.12 Rated making current (KA peak)
- 4.13 a) Short time current for 1 Sec.(KA rms)
  - b) Short time current for 3 Sec.(KA rms)
- 4.14 Transient Recovery Voltage
  - a) Rate of rise (KV/ms)
  - b) Peak Voltage (KV)
- 4.15 Insulation Level
  - a) Impulse Voltage with stand on 1/50 full wave
  - b) 1 minute 50Hz voltage withstand
- 4.16 Maximum over voltage factor when switching off
- 4.17 Opening time Maximum No load condition (ms)
- 4.18 Opening and closing time under SF6 gas loss or vacuum loss condition (ms)
- 4.19 At 100% Breaking capacity
  - a) Opening time max (ms)
  - b) Arcing time max (ms)
  - c) Total break time (ms)
- 4.20 At 60% Breaking capacity
  - a) Opening time max (ms)
  - b) Arcing time max (ms)
  - c) Total break time (ms)
- 4.21 At 30% Breaking capacity
  - a) Opening time max (ms)
  - b) Arcing time max (ms)
  - c) Total break time (ms)
- 4.22 At 10% Breaking capacity
  - a) Opening time max (ms)
  - b) Arcing time max (ms)
  - c) Total break time (ms)
- 4.23 a) Make time (max)(ms)
  - b) Total closing time (ms)
- 4.24 Number of breaks per pole
- 4.25 Total length of breaks per pole (mm)
- 4.26 Total length of contact travel (mm)
- 4.27 Speed of break (100% Short Circuit Current) m/sec
- 4.28 Rate of Contact travel
  - a) At tripping M/sec.
  - b) At closing M/sec.
- 4.29 No of breaker operations permissible without requiring inspection replacement of contacts and other main parts.
  - a) At 100% rated current
  - b) At 100% rated breaking current
- 4.30 Type of contacts

- a) Main
- b) Arcing
- 4.31 Material of contacts
  - a) Main
  - b) Arching
  - c) Whether contacts silver plated
  - d) Thickness of silver plating
- 4.32 Contact pressure at no load
- 4.33 Type of arc control device provided
- 4.34 Operating mechanism- closing
  - a) Type
  - b) No of breaker operations stored
  - C) Trip free or fixed trip
  - d) Anti pumping features provided
  - e) Earthing for operating mechanism and metal parts furnished
  - f) Earth terminal size and material
- 4.35 Operating mechanism- tripping
  - a) Type
  - b) No of breaker operations stored
  - c) Trip free or fixed trip (V)
  - d) Anti pumping features provided (%)
  - e) Earthing for operating mechanism and metal parts furnished
  - f) Earth terminal size and material
- 4.36 Spring charging mechanism
  - 2) Make
  - 3) Type
  - 4) Size
  - 5) Rating
- 4.37 Tripping coil
  - a) Voltage
  - b) Permissible voltage variation (%)
  - c) Tripping current at rated voltage (A)
  - d) Power at rated voltage (W)
  - e) 2-Over current trip and 1-earth fault furnished as specified
- 4.38 Breaker /Accessories such as control switch indication Lamps etc. furnished as specified  
:(please attach separate sheet giving details of all accessories, inter locks and safety shutters)
  - a) Mechanical safety Interlock
  - b) Automatic Safety Interlock
  - c) Operational Interlock
  - d) Emergency manual trip
  - e) Operation counter
  - f) Charge /discharge indicator
  - g) Manual spring charging facility
- 4.39 Impact load foundation design (to include dead load plus impact value On opening at maximum interrupting rating) (KG)
- 5.0 Isolators
  - 5.1 Make
  - 5.2 Type
  - 5.3 Reference standard
  - 5.4 Rated voltage (KV)
  - 5.5 Rated Frequency HZ

5.6 No. Of poles (No)  
5.7 Rated current  
) Normal (Standard) Amps  
j) De-rated (site) Amp  
5.8 Maximum temperature rise over ambient Deg. C  
5.9 Rated operation duty  
5.10 Rupturing Capacity at rated voltage MVA  
5.11 Rated making current KA peak  
5.12 Short time current  
a) For 1 sec KA rms  
b) For 3 sec KA rms  
5.13 Impulse voltage withstand on 1/50 full wave  
5.14 Maximum over voltage factor when switching off  
a) Loaded feeder cable  
5.15 Minimum SF6 Gas pressure required?  
5.16 No of isolator operation permissible without requiring inspection, replacement of contacts and other main parts  
At 100% rated current  
At 100% rated breaking current  
5.17 Isolator provided with the following  
Mechanical safety  
Mechanical ON, OFF, CABLE EARTH indicators  
Operation counter  
Manual spring charging facility  
6.0 CURRENT TRANSFORMER  
6.1 Make  
6.2 Type & voltage level  
6.3 Reference standard  
6.4 C.T. ratio as specified  
6.5 Rated frequency  
6.6 Short circuit withstand  
i) Short time current for 1 sec. KA rms  
j) Short time current for 3 sec. KA rms  
k) Dynamic current KA peak  
6.7 Class of insulation  
6.8 Temperature rises over ambient. Deg. C  
6.9 Basic insulation level  
6.10 For tripping  
CT RATIO  
Class of accuracy  
Rated Burden VA

**SPECIAL TERMS AND CONDITIONS**

1 The bidder shall be panel manufacturer of 11kV outdoor type RMU or authorized dealer of manufacturer of 11KV outdoor type RMU. In case of authorized dealer, valid dealership certificate must be submit along with bid  
2 The bidder must quote for both (a) supply of prefabricated 11KV outdoor type RMU (b) installation, testing and commissioning of prefabricated 11KV outdoor type RMU without which the offer will be rejected  
3. The Bidder shall have experience of supply, installation, testing and commissioning of minimum 1 set of HT Switchgear in any Central Govt/ State Govt/ PSU in last five year from

bid due date. Experience of the manufacture will also be considered for the bidder if the bidder is an authorised dealer.

4. The manufacturer shall have designed, engineered, manufactured, tested and supplied in the last five years at least one set of prefabricated 11KV outdoor type 11KV, RMU with VCB of 630A. And also must have proven track record for operating satisfactorily at least a period of one year as on bid due date.

5. The bidder shall submit documentary evidence in support of their offer like purchase order/ works order with detailed scope of work and completion certificate, performance certificate along with bid for 3,4 of above

6. The offered prefabricated 11KV outdoor type RMU must have been type tested as per IS/IEC 62271. The bidder shall have above type test certificate for offered RMU and copy of the same shall be submitted along with offer

**ITEM NO. 20**

**INSTALLATION AND COMMISSIONING – QTY = 01 AU**

**Installation, Testing & Commissioning of the above 5 nos of 11kV, SF6 4-Way Ring Main Unit**

1) Shall be carried out by specialist engineer required from manufacturer for testing of RMU. A person holding the certificate of competency of supervising and skilled technician is required at the time of energizing of panel.

2) Tools and tackle should be provided by supplier for testing of the panel.

3) Secondary injection testing of VCB are required to be carried out by party at site before energisation of the panel and relevant test of RMU shall be carried out by party at the site. IR value of the panel shall be checked before energizing. Earth resistance value shall also be checked before energizing of prefabricated RMU.

4) Earthing : Earthing of the prefabricated RMU shall be in the scope of supplier. All the materials required for earthing shall be brought by the supplier. The entire earth electrode should be connected together and resistance of earth should be less than 5 ohm. Earth electrode shall be connected with 50mm×6mm GI Strap.

**NOTE:**

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

**Annexure- DDD**

**INTEGRITY PACT**

Between

Oil India Limited (OIL) hereinafter referred to as "The Principal"

And

( **Name of the bidder** ).....hereinafter referred to as "The Bidder/Contractor" |

**Preamble :**

The Principal intends to award, under laid down organizational procedures, contract/s for Tender No. **SDI5362P15** The Principal values full compliance with all relevant laws and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder/s and Contractor/s.

In order to achieve these goals, the Principal cooperates with the renowned international Non-Governmental Organisation "Transparency International" (TI). Following TI's national and international experience, the Principal will appoint an external independent Monitor who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

**Section 1 - Commitments of the Principal**

- (1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-
1. No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for him/herself or third person, any material or immaterial benefit which he/she is not legally entitled to.
  2. The Principal will, during the tender process treat all Bidders with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidders the same information and will not provide to any Bidder confidential/additional information through which the Bidder could obtain an advantage in relation to the tender process or the contract execution.
  3. The Principal will exclude from the process all known prejudiced persons.
- (2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the relevant Anti-Corruption Laws of India, or if there be a Page 2 of 6 substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

## **Section 2 - Commitments of the Bidder/Contractor**

- (1) The Bidder/Contractor commits itself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
1. The Bidder/Contractor will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or immaterial benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
  2. The Bidder/Contractor will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, Subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelisation in the bidding process.
  3. The Bidder/Contractor will not commit any offence under the relevant Anticorruption Laws of India; further the Bidder/Contractor will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
  4. The Bidder/Contractor will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- (2) The Bidder/Contractor will not instigate third persons to commit offences outlined above or be an accessory to such offences.

## **Section 3 - Disqualification from tender process and exclusion from future Contracts**

If the Bidder, before contract award has committed a transgression through a violation of Section 2 or in any other form such as to put his reliability or credibility as Bidder into question, the Principal is entitled to disqualify the Bidder from the tender process or to terminate the contract, if already signed, for such reason.

1. If the Bidder/Contractor has committed a transgression through a violation of Section 2 such as to put his reliability or credibility into question, the Principal is entitled also to exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressions within the company hierarchy of the Bidder and the



amount of the damage. The exclusion will be imposed for a minimum of 6 months and maximum of 3 years.

2. The Bidder accepts and undertakes to respect and uphold the Principal's Absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining independent legal advice.
3. If the Bidder/Contractor can prove that he has restored/recouped the Damage caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion prematurely.
1. A transgression is considered to have occurred if in light of available evidence no reasonable doubt is possible.

#### **Section 4 - Compensation for Damages**

1. If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover from the Bidder liquidated damages equivalent to 3 % of the value of the offer or the amount equivalent to Earnest Money Deposit/Bid Security, whichever is higher.
2. If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/Performance Bank Guarantee, whichever is higher.
3. The bidder agrees and undertakes to pay the said amounts without protest or demur subject only to condition that if the Bidder/Contractor can prove and establish that the exclusion of the Bidder from the tender process or the termination of the contract after the contract award has caused no damage or less damage than the amount or the liquidated damages, the Bidder/Contractor shall compensate the Principal only to the extent of the damage in the amount proved.

#### **Section 5 - Previous transgression**

1. The Bidder declares that no previous transgression occurred in the last 3 years with any other Company in any country conforming to the TI approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

#### **Section 6 - Equal treatment of all Bidders/Contractor/Subcontractors**

1. The Bidder/Contractor undertakes to demand from all subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.

2. The Principal will enter into agreements with identical conditions as this one with all Bidders, Contractors and Subcontractors.
3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

#### Section 7 - Criminal charges against violating Bidders/Contractors/ Subcontractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor, which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

#### Section 8 - External Independent Monitor/Monitors (three in number depending on the size of the contract) (to be decided by the Chairperson of the Principal)

1. The Principal appoints competent and credible external independent Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the Chairperson of the Board of the Principal.
3. The Contractor accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder/Contractor/Subcontractor with confidentiality.
4. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or heal the violation, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
6. The Monitor will submit a written report to the Chairperson of the Board of the Principal within 8 to 10 weeks from the date of reference or intimation to him by the 'Principal' and, should the occasion arise, submit proposals for correcting problematic situations.

7. If the Monitor has reported to the Chairperson of the Board a substantiated suspicion of an offence under relevant Anti-Corruption Laws of India, and the Chairperson has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.
8. The word 'Monitor' would include both singular and plural.

**Section 9 - Pact Duration**

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the respective contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made/ lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by Chairperson of the Principal.

**Section 10 - Other provisions**

1. This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. New Delhi.
2. Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
3. If the Contractor is a partnership or a consortium, this agreement must be, signed by all partners or consortium members.
4. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

R BARMAN  
**SR. MANAGER MATERIALS (IP)**

-----  
 For the Principal

-----  
 For the Bidder/Contractor

Place. Duliajan.

Witness 1 : .....

Date 13.11.2014 .

Witness 2 : .....

**Bidders Response Sheet****Annexure-FFF**

<b>Tender No.</b>	
<b>Bidders Name</b>	

<b>Sl No.</b>	<b>Description</b>	<b>Remarks</b>
1	Name of Bidder	
2	Whether tender document purchased from OIL's offices.	
3	Place of Despatch	
4	Whether Freight charges have been included in your quoted prices	
5	Whether Insurance charges have been included in your quoted prices	
6	Make of quoted Product	
7	Offered Validity of Bid as per NIT	
8	Delivery Period in weeks from placement of order	
9	Complied to Standard Payment Terms of OIL or not.	
10	Bid Security Submitted (if applicable)	
11	Details of Bid Security Submitted to OIL (if applicable)	
	a) Bid Security Amount (In Rs):	
	b) Bid Security Valid upto:	
	c) Name and Full Address of Issuing Bank:	
12	Confirm that the Bid Security submitted (In case of Bank Guarantee) is in toto as per format provided in the tender.	
13	Bid Security if Not submitted reasons thereof	
14	Whether you shall submit Performance Security in the event of placement of order on you (if applicable)	
15	Integrity Pact Submitted (if applicable)	
16	Confirm that the Integrity Pact submitted is in toto as per format provided in the tender.	
17	Whether submitted documents in support of General Qualification criteria of NIT	
18	If bidder is Small scale unit whether you have quoted your own product	
19	If bidder is Small scale unit whether you are eligible for purchase preference (as per Govt guideliness)	
20	Whether filled up the bank details for online payment as per Annexure GGG	

NOTE: Please fill up the greyed cells only.

**Technical Bid Checklist**

**Annexure-EEE**

<b>Tender No.</b>			
<b>Bidder's Name :</b>			
		<b>Compliance by Bidder</b>	
<b>SL. NO.</b>	<b>BEC / TENDER REQUIREMENTS</b>	Indicate 'Confirmed' / 'Not Confirmed' / Not applicable	Indicate Corresponding page ref. of unpriced bid or Comments
1	Bidder to confirm that he has not taken any exception/deviations to the bid document .		
2	Confirm that the product offered strictly conform to the technical specifications.		
3	Confirm that the Offer has been made with Bid Bond / Bank Guarantee / Earnest Money along with the offer (Wherever Applicable) ?		
4	Confirm unconditional validity of the bid for 120 days from the date of opening of techno-commercial bid.		
5	Confirm that the prices offered are firm and / or without any qualifications?		
6	Confirm that all relevant fields in the on-line bidding format been filled in by the bidders for the items quoted by them.		
7	Confirm that the the price bid is in conformity with OIL's online bidding format ?		
8	Confirm that the Bid comply with all the terms & conditions ?		
9	Confirm that the offers and all attached documents are digitally signed using digital signatures issued by an acceptable Certifying Authority (CA) as per Indian IT Act 2000.		
10	CONFIRM THAT YOU HAVE SUBMITTED THE DULY SIGNED INTEGRITY PACT DOCUMENT (Wherever Applicable)		
11	CONFIRM THAT YOU HAVE SHALL SUBMIT PERFORMANCE BANK GUARANTEE AS PER NIT IN THE EVENT OF PLACEMENT OF ORDER ON YOU (Wherever Applicable)		
12	CONFIRM THAT YOU HAVE SUBMITTED DOCUMENTS AS PER GENERAL QUALIFICATION CRITERIA		

NOTE: Please fill up the greyed cells only.

**(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 incorrec 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.**