

**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:

E-Tender No.	Bid Closing / Opening Date	Item
SDI5064P18	28.12.2017	PROCUREMENT OF STORAGE SHELVING SYSTEM-02 NOS
SDI5993P18	28.12.2017	PROCUREMENT OF VARIOUS GASES FOR GAS CHROMATOGRAPH
SDI6340P18	04.01.2018	PRINTERS -08 NOS
SDI6418P18	04.01.2018	DEGAUSSER - 2 NOS
SDI6421P18	04.01.2018	LASER SHAFT ALIGNMENT TOOL-1 NO
SDI6422P18	04.01.2018	AIR COMPRESSOR-1NO
SDI6429P18	04.01.2018	FEEDER PILLAR - 05 NOS
SDI6430P18	04.01.2018	SUPPLY, INSTALLATION AND COMMISSIONING OF PRE FABRICATED SUBSTATION -01 NO
SDI6432P18	04.01.2018	STORE ROOM - 12 NOS
SDI6433P18	04.01.2018	TANK RECTANGULAR – 07 NOS
SDI6449P18	21.12.2017	SUPPLY INSTALLATION AND COMMISSIONING OF SPARES, CONSUMABLES AND INSULATION (OF EXISTING DUCTS SYSTEM) OF THREE (3) NUMBERS 2 X 11 TR CAPACITY PACKAGE OF BLUE STAR MAKE AIR CONDITIONERS.
SSI5759P18	21.12.2017	SODIUM ACID PYROPHOSPHATE-15MT
SSI5760P18	21.12.2017	LINE PIPE-4000 M
SSI6111P18	21.12.2017	MS-BASE PLATE -200 NOS. (EXCLUSIVELY FROM MSEs)
SSI6173P18	21.12.2017	BATHROOM AND SANITARY FITTINGS-1040 NOS (EXCLUSIVELY FROM MSEs)
SSI6215P18	04.01.2018	ELECTRICAL ITEMS- 10 ITEMS (EXCLUSIVELY FROM MSEs)

SSI6228P18	21.12.2017	BACTERICIDE-TYPE-II-10MT
SSI6230P18	21.12.2017	EGMBE-30 MT
SSI6231P18	21.12.2017	BACTERICIDE-TYPE-I-10MT
SSI6327P18	04.01.2018	SWAN TIMBER-2200 NOS.
SSI6353P18	04.01.2018	ELECTRICAL CABLES-4000 METRES
SSI6450P18	28.12.2017	RATE CONTRACT FOR BATHROOM AND SANITARY FITTINGS-12 ITEMS

**Kind Attention:** E-Tender No. SDI5634P18 which was advertised in Press through Notification dated 07.09.2017 and E-Tender SSI5240P18 which was advertised in Press through Notification dated 15.07.2017 has been cancelled. In lieu, e-tenders nos. SDI6449P18 and SSI6450P18 have been floated respectively

Tender fee (Non-refundable): Rs 1,000.00 (to be paid online only); 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: ranjanbarman@oilindia.in ; erp\_mm@oilindia.in

**FORWARDING LETTER**

**Tender No.** : SDI6430P18 DT: 17.11.2017

**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 **SUPPLY AND INSTALLATION & COMMISSIONING OF PREFABRICATED SUBSTATION – 01 NO** 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 = 0374-2807178 , 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 Attachment**. For details please refer “Vendor User Manual” / “NEW INSTRUCTIONS”

## **Special Notes:**

**1.0 Vendors having OIL's User ID & password to 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).**

**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-> Technical Attachment only. **For details please refer "NEW INSTRUCTIONS" . Please refer Annex-BB for price schedule.**

**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.
- 12.0 Bidders are requested to refer to the enclosed **Annexure – BBB** for the Taxes and Duties clauses under GST regime.

**13.0 Delivery/collection Instructions in cases where transportation is in OIL's scope:**

(i) the suppliers shall be required to deliver the Sundry consignments of weight less than 3 (Three) Tons at the godown/office/collection point of OIL's authorized transporter in various cities.

(ii) consignments weighing more than 3(Three) Tons shall be collected from the supplier's premises/loading points by OIL's authorized transporter.

(iii) the names of OIL's current authorized transporters are:

- a) M/s Western Carriers (India) Ltd.
- b) M/s DARCL Logistics Limited

**Bidder's are requested to note the above delivery/collection instructions while submitting their offers.**

- 14.0 While submitting the offers bidders are requested to refer to the enclosed **Annexure – BB (Price Bid Format and Evaluation Criteria)**.

Please do refer "NEW INSTRUCTION TO BIDDER FOR SUBMISSION" for the above two points and also please refer " New Vendor Manual (effective 12.04.2017) " available in the login Page of the OIL's E-tender Portal.



## Oil India Limited e-Procurement

User ID \*

Password \*

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[Supplier Enlistment for E-Tender](#)

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the New  
Manual &  
Instruction

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### 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)  
SMM (IP)  
FOR GM-MATERIALS**

**Tender No & Date: SDI6430P18 DT: 17.11.2017****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) TECHNICAL:</b></p> <p>1. Bidder should have the experience of successfully executing at least 1(one) similar order for <b>Rs 21.55 Lakhs</b> in preceding 5(five) years as on the original Bid Closing Date.</p> <p><b>Similar works means: Supply, Installation, Testing &amp; Commissioning of either:</b></p> <p>a) <b>HT Panel with VCB, 11 KV/415V (or higher) 500KVA (or higher) rated dry type transformer and 415V (or higher) PCC/PMCC/LT panels with ACB/MCCB</b></p> <p><b>OR</b></p> <p>b) <b>HT panel and transformer of 11 KV/415V (or higher) 500KVA (or higher) rated dry type transformer</b></p> <p><b>OR</b></p> <p>c) <b>11kV/415V Pre-fabricated substation [with RMU, VCB, Transformer, LT panel (with ACB/MCCB)]</b>  <b>to Central Govt/State Govt/PSUs/Public Limited companies.</b></p>	



**Note:** 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 Receipted Delivery Challans (OR)
- (iv) Central Excise Gate Pass / Tax Invoices issued under relevant rules of Central Excise/VAT/GST (OR)
- (v) any other documentary evidence that can substantiate the satisfactory execution of each of the purchase orders cited above.

## **B) FINANCIAL**

a) Annual Financial Turnover of the bidder during **any of preceding 03 (three) financial / accounting years from the original bid closing date** should be at least **Rs. 21.55 Lakhs**.

b) Net Worth of the firm should be Positive for preceding financial / Accounting year. (FY=2016-2017)

**Note -For (a) & (b):** 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..... (As the case may be) has actually not been audited so far’.

### **Notes:**

a) 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-J

**OR**

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

b) In case the bidder is a Central Govt. Organization/PSU/State Govt. Organization/Semi-State Govt. Organization or any other Central/State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and the Central Government, their certificates may be accepted even though FRN is not available. However, bidder to provide documentary evidence for the same.

### C) COMMERCIAL:

i) Validity of the bid shall be minimum 90 days from the Bid Closing Date.

ii) Bid security:

The bid must be accompanied by Bid Security of **Rs. 86,200.00** in OIL's prescribed format as Bank Guarantee in favour of OIL. The Bid Security may be submitted manually in sealed envelope superscribed with Tender no. and Bid Closing 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. **The Bank Guarantee towards Bid Security shall be valid for 6 months from Bid closing date. (i.e. upto 04.07.2018).**

**Bid Security may also be paid online on or before the Bid Closing Date and Time mentioned in the Tender.**

**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.**

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

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.**

v) 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.

vi) 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.

vii) 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.

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

**ix) 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.**

**x) DELIVERY : The bidder shall confirm that the supply of USS shall be completed within 10 months after issue of purchase order.**

**Installation and commissioning shall be completed within 2 months after getting the site clearance.**

**NOTE: FOR CLAUSE NOS. C(ii) & C(iv) OF BID SECURITY/EMD AND PBG**

**The bidders/successful bidders are requested to advise the Bank Guarantee issuing bank to comply with the following and ensure to submit, the receipt of**

the copy of SFMS message as sent by the issuing bank branch, along with the original bank guarantee in Oil's tender issuing office:

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

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

The above message/intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Duliajan Branch, IFS Code - UTIB0001129, Branch Address - AXIS Bank Ltd, Duliajan Branch, Daily Bazar, Jyotinagar, Duliajan, District - Dibrugarh, PIN- 786602

## **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 bid will be evaluated strictly as per NIT specification, terms & conditions.

### **B) COMMERCIAL:**

- i) To evaluate the inter-se-ranking of the offers, all Taxes / Levies will be considered as per prevailing Govt. guidelines as applicable on the bid opening date. Bidders may check this with the appropriate authority before 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: SDI6430P18 DT: 17.11.2017

	Complied / Not Complied. (Remarks if any)
<p>11kV-3.3kV/415V,500 KVA Unitised Substation for WSS</p> <p>1.0. SCOPE:</p> <p>This specification covers supply, installation, testing and commissioning of outdoor type prefabricated substation. The prefabricated substation combines 11kV-3.3kV/415V,500 KVA dry type transformer, 11 kV RMU and LV distribution panel in a single transportable unit ready for operation on being fixed in position on prepared concrete foundation and connected to the power system. The substation to be supplied against this specification is 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 STANDARDS:</p> <p>The latest revision of the following Codes and Standards listed shall be applicable for the Equipment / materials covered in this specification.</p> <p>IS: 11171 &amp; 2026 Distribution Transformer Up to 33kV  IS: 8623 Low Voltage Distribution Panel  IS: 8828 Low Voltage Moulded Case Circuit Breakers  IS: 7098 11kV XLPE Insulated Power Cables  IS/IEC 60947/ IS/IEC 62271-201:2006 SF6 Ring Main Unit  IEC 62271-200 AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV  IEC 61330/IEC 62271-202 High-voltage / low-voltage prefabricated substation  IEC 60529 Classification of degree of protection provided by enclosures</p> <p>3.0 Ambient Condition  Maximum ambient air temperature: 50°C  Max. daily average ambient temp: 45°C  Minimum ambient temperature: -5°C</p> <p>4.0 DESIGN AND CONSTRUCTION REQUIREMENT</p> <p>(i)The pre-fabricated Compact substation shall be Factory assembled, Factory Tested &amp; Transported as one Unit without any onsite assembly of equipment.  (ii)Prefabricated substation shall be designed so that normal service, inspection maintenance can be carried out safely.  (iii)RMU should be tested for internal arc fault test as per the latest 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.  (iv)Sealed for life, the enclosure shall meet the “sealed pressure system” criteria in accordance with IEC: 62271-200. In addition, manufacturer shall confirm that maximum leakage rate is lower than 0.1% per year.</p> <p>4.1 Earthing</p> <p>An earthing conductor shall be provided to be connected to each component of the prefabricated substation. Components to be connected to the earthing circuit shall include:</p> <ul style="list-style-type: none"> <li>• The enclosure of the prefabricated substation</li> <li>• The enclosure of the high-voltage switchgear and control gear from the terminal provided for the purpose;</li> </ul>	

- The metal screens and the high-voltage cable earth conductors;
- Metal frame of dry type transformers;
- The frame and/or enclosure, if metallic, of the low-voltage switchgear and control gear.

#### 4.2 Nameplate

Prefabricated substation shall be provided, with a durable and clearly legible nameplate which shall contain at least the following information:

- Manufacturer's name or trademark;
- Type designation;
- Serial number;
- Number of IS/IEC standards;
- Year of manufacture.
- OIL's Order No.& Date

#### 4.3 Degree of protection

##### 4.3.1 Degree of protection

The minimum degree of protection of the enclosures of the prefabricated substation shall be IP54 or higher.

##### 4.3.2 Protection of the prefabricated substation against mechanical stress

The enclosure of a prefabricated substation shall have sufficient mechanical strength and shall withstand loads and impacts as per IS 14786.

#### 4.4 General Requirement:

4.4.1 Interconnection between RMU and Transformer HT shall be done by 3X1CX240sqmm 11kV AL XLPE cable and Transformer secondary and LT panel by copper busbar (with heat shrinkable PVC sleeves)

4.4.2 The enclosure shall be made of 2 mm thick CRCA sheet .The base frame material shall be hot dipped galvanised iron of 4mm thickness.

4.4.3 Covers and doors shall be part of the enclosure. When closed, they shall provide the degree of protection specified for the enclosure.

4.4.4 The doors shall open outwards at an angle of at least 90 degree and be equipped with a device able to maintain them in an open position. All doors shall be provided with locking facilities.

4.4.5 Ventilation openings shall be so arranged or shielded that the same degree of protection as that specified for the enclosure is obtained.

4.4.6 The degree of protection of the partitions between different compartments shall be specified by the manufacturer according to IEC 529.

4.4.7 Accessibility to the high-voltage cable-boxes or cable test point should be possible in order to perform dielectric tests on the cables.

4.4.8 Adequate space should be provided for keeping of accessories inside the substation.

4.4.9 The width of an operation aisle inside a prefabricated substation should be adequate for performing any operation or maintenance. The width of such an aisle shall be minimum 800 mm or greater. Doors of switchgear and control gear inside the prefabricated substation shall either close in the direction of the exit or rotate such that they shall not reduce the width of the aisle.

4.4.9 Labels for warning, manufacturers' instructions, etc. and those according to local standards and regulations shall be durable and clearly legible.

4.4.10 Cooling of the prefabricated substation shall be by natural ventilation.

4.4.11 Lifting hooks shall be provided for lifting of the prefabricated substation. All measures shall be taken in order to avoid any case of deformation which could be caused by transport or handling when carried out according

to the manufacturer's instructions.

4.4.12 Size of the prefabricated substation shall not exceed 4.1mX2.4mX2.5m.

4.4.13 Both outgoing and incoming cables of compact substation shall have bottom entry.

4.4.14 Space heater with isolating switch and thermo state shall be provided on LT side of the cubicle.

4.4.15 Emergency push button to trip VCB shall be provided inside a weather proof box on the outer side of compact substation.

4.4.16 Electro static or Powder painting shall be acceptable.

4.4.17 There shall be arrangement for internal lighting activated by door operated switch for HV, Transformer and LV compartment separately. For illumination, auxiliary supply, etc. refer to IEC 364-4-41 or IEC 439-1, as appropriate.

## 5.0 COMPONENTS OF OUTDOOR TYPE PREFABRICATED SUBSTATION:

### 5.1 Ring Main Unit (3 ways):

The Ring Main Unit shall consist of 2 Nos. load break isolators and 1 No. Vacuum Circuit Breaker for a nominal voltage of 12kV using SF6 gas as insulating medium and Vacuum as arc quenching medium. Extensive interlocking shall be provided as per IE regulations to prevent mal-operation.

#### 5.1.1. 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

#### 5.1.2. Load Break Switch (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. Also independent manual operation with mechanically operated indicator.
- g) SF6 Chamber : With SF6 gas pressure gauge indicator and filling arrangement for prevention of moisture inside the unit.

#### 5.1.3 Vacuum Circuit Breaker with metering.

- 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
- h) Power frequency withstand voltage : 28kV (rms)
- i) No. of poles : 3
- j) Rating of CT & PT  
CT: 200-100/5 Amp, 10VA, 5P10, Class-1, Epoxy Cast resin, 3 Phase  
PT: 11kV/3.3kV/110 V, 100VA, Class-0.5, 3 Phases, Epoxy Cast resin, draw-out type, with HT fuses on HT side and MCB on LT side of PT.
- k) Operating mechanism: Closing and tripping:
  - i. Manually: Spring charging, closing and tripping
  - ii. Electrically: Motorized Spring charging, closing and shunt tripping.

- l) Auxiliary contacts: 6 NO + 6NC
- m) Operation counter: minimum 4 digits.
- n) High mechanical endurance: 10,000 (minimum) operations.
- o) Following indications to be provided:
  - Mechanical ON/OFF indication.
  - Spring FREE/ CHARGED indication.
  - Position indicator: SERVICE/ TEST/ ISOLATE.
- p) Manual ON and TRIP button.
- q) Operating sequence: O -0.3 sec - CO - 3 min - CO.
- r) Shunt trip coil, closing coil: 24V DC rated. Closing and tripping coil shall operate at voltage between 85% and 110% of rated voltage.
- s) VCB shall be equipped with over current, short circuit & earth fault protection with arrangement of auxiliary power supply, numerical relay.

5.1.4 11kV/3.3kV metering should be provided in VCB i.e. 1 No. 3 Phase Digital Voltmeter and Ammeter; Make: AEI/ Conzerv with inbuilt selector switch of size (96×96) mm shall be provided. Anti-pumping auxiliary relay should be provided to prevent the closing of breaker in fault condition.

5.1.5 Power Pack: Power pack consists of transformer, rectifier, inductance and capacitance of suitable rating of input voltage of 240 V AC and output voltage 24V DC. This DC voltage shall be used as a auxiliary power supply for tripping & closing of VCB and also for LED for indication circuit and auxiliary power supply of numerical relay and meters. The power pack shall be designed in such a way that after power failure 5 times breaker can be closed and tripped. 2 Nos, 10 amps MCB should be provided with incomer of power pack for protection of the same.

#### 5.1.6 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

#### 5.2 Transformer Compartment:

500 kVA, 11kV-3.3kV/415 Volts, 3 Phase, 50 Hz, double winding, copper conductor, Dry type, natural air cooled transformer for indoor installation complying to IS: 11171 and IS:2026 with latest amendments. Off circuit tapings shall be provided on HV windings for switching between 11kV & 3.3kV. Tap changing shall be done by means off circuit links.

Brief technical data:

- 5.2.1 Rating: 500 KVA
- 5.2.2 Frequency: 50 Hz
- 5.2.3 No. of Phases: 3
- 5.2.4 Rated Voltage
- 5.2.5 HT: 3300/11000 Volts with +6% & -9% tolerances
- 5.2.6 LT: 415 Volts
- 5.2.7 Winding Connection
- HT: Delta
- LT: Star
- 5.2.8 Vector Group: Dyn11
- 5.2.9 Class of Insulation: H
- 5.2.10 Seismic Design: Zone V
- 5.2.11 Maximum ambient air temperature: 50°C
- 5.2.12 Max.daily average ambient temp: 45°C
- 5.2.13 Minimum ambient: - 5°C (As per IS 11171)
- 5.2.14 Allowable Max. Temp. temp. rise of windings: 115°C (As per the specification)
- 5.2.15 Tapping: +5% to -5% in steps of 2.5% on HT side through off circuit tap links
- 5.2.16 %Impedance voltage: 5% at principal tap.
- 5.2.17 Service: Outdoor
- 5.2.18 Other Service Condition: As Per IS11171



5.2.19 Type of Cooling: AN

5.2.20 Terminal arrangement

HT: 3X1CX240sqmm, 11KV XLPE cable

LT: Copper Bus bars connecting transformer LT to LT PCC with bus duct arrangement.

5.2.21 Sound Level in Transformer: 65dB at 1 mtr. ( measured as per standards IEC 60076-11 or NEMA TR-1

5.2.22 System voltage

(i) HT side

a) Nominal system voltage: 11KV

b) Highest system voltage: 12KV

(ii) LT side

a) Nominal system voltage : 415

b) Highest system voltage : 477

5.2.23 System earthing: Solidly grounded system neutral

5.2.24 System Fault Level: 20KA for 1 sec. at 11kV

5.2.25 Insulation Withstand Voltage

a. Impulse: 75KV(Peak)

b. Power Frequency(HT): 28KV(RMS)

c. Power Frequency(LT) : 3KV(RMS)

Temperature sensor & winding temperature indicators (WTI):

a) Temperature sensors: Two (2) numbers, reputed make simplex type (Platinum) PT100 shall be provided in each phase at suitable place for measuring hot spot temperature of the winding.

b) A multi-channel digital winding temperature indicator shall be provided to display the temperature of the windings.

c) The indicating instrument shall be provided with four adjustable electrically independent ungrounded contacts brought out to separate terminals for winding temperature alarm and trip. The WTI shall be compatible to 230V, 50Hz, AC auxiliary supplies.

5.3 LT Compartment:

The panel shall broadly have the following compartments / sections.

i. Incomer section

ii. Bus chamber

iii. Outgoing section

iv. Cable chamber / cable alley

A) INCOMER SECTION:

1 No. 1000Amps, 50kA, 415 Volt EDO Four Pole Air Circuit Breakers housed in a sheet steel enclosure with O/C, S/C & E/F protection with microprocessor based release with LED type indicators for specific faults.

SPECIFICATIONS OF AIR CIRCUIT BREAKERS:

The air circuit breaker shall comply with the following specifications:

i) Type: Indoor, horizontal isolation, horizontal draw out type.

ii) Mounting: In cassette type enclosure

iii) Insulation Medium: Air.

iv) Rated operational voltage of circuit Breaker: 415 V

v) Rated insulation voltage: 1000 V.

vi) System earthing: Effectively earthed.

vii) No of poles: Four.

viii) Rated frequency: 50 Hz

ix) Rated current: 1000 A for incomers

x) Rated making current: 105 kA

xi) Rated short time withstand capacity: 50 kA for 1 sec at 415 V

xii) Ultimate rated breaking capacity: 50 kA at 415 V

xiii) Spring Charging: Motorized as well as manual.

xiii) Method of closing: Through closing coil as well as Manual.

- xiv) Closing coil voltage: 230 V AC
- xv) Method of tripping:
  - a) Shunt trip, coil voltage: 230 V AC
  - b) Manual with mechanical open button.
- xvi) Auxiliary Switch: 4NO+4NC
- xvii) Mechanical indication:
  - a) Breaker ON/OFF
  - b) Position SERVICE/TEST/ISOLATED

#### Incoming Feeder Instruments:

Incoming feeder shall comprise the following instruments in an instrument panel complete with all necessary interconnections; fine 2.5 sqmm copper stranded wiring and duly tested:

1. Three phase digital Multifunction Energy meter with maximum, minimum and average value for voltage, current, power values, Max Demand, KWH, frequency, power factor and THD;  
Voltage range: 0-500V, current range:0-1000A, SIF-96, class of accuracy 0.5 with 1000/5 rated CT.

Auxiliary power supply of digital multifunction energy meter shall be 230V and shall be connected with separate HRC fuse and link system.

Qty: 1 set.

2. HRC Instrument Fuse Holders fused 4 Amps, SM type.

Qty: As per circuit

3. LED type Indication Lamps for 'Phase Healthy' indication in Red, Yellow and Blue in colour,

Qty: 3 nos.

#### B) BUS CHAMBER

Bus bar shall be rectangular in cross section and made from electrolytic grade electro tinned copper having 99.99% high conductivity. Current rating of bus bar sections shall be 1250 amps suitable for 415 V AC, 50 Hz system.

Neutral bar shall be of same size as phase bus. The bus-bar shall be insulated with heat shrinkable PVC sleeves and shall be supported at required intervals with non- hygroscopic, non-deteriorating, and non-inflammable SMC / FRP supports having adequate mechanical strength and a high tracking resistance, to withstand short circuit fault levels up to 50 kA for 1 sec.

#### C) OUT GOING SECTION

2 nos of 400 Amps, 2 nos of 250 Amps, 2 nos of 160 Amps and 2 nos of 63 Amps, Four pole MCCB with adjustable OL protection, Short Circuit protection & EF protection through inbuilt electronic trip unit in MCCB with individual indication for earth fault, short circuit and overload.

#### Outgoing feeders Instruments:

Each outgoing feeder shall comprise the following instruments in an instruments panel complete with all necessary interconnections; fine 2.5 sqmm stranded copper wiring and duly tested:

1. Three phase digital ammeter (with inbuilt selector switch) of required range, SIF-96, class of accuracy 1.0, 600/400/5 Amps rated CT operated.

Auxiliary power supply of digital ammeter shall be 230V and shall be connected with separate HRC fuse and link system.

Qty: As per requirement.

2. HRC Instrument Fuse Holders fused 4 Amps

Qty: As per circuit.

3. LED type Indication Lamps for 'Feeder ON' indication in Red and 'Feeder OFF' indication in Green colour &

yellow for 'Feeder Trip'.

Qty: 3 nos.

Note: ACB, MCCB, MCB shall be of same make only.

#### D) CABLE CHAMBER / CABLE ALLEY

Suitable cable chamber/cable alleys shall be provided in between sections of the panel with brought out terminals to drive the cables. Supports as required shall be provided along the cable alleys for supporting the cables / wires.

#### 6.0 DOCUMENTS:

1. The following documents shall be submitted with the offer:

- i. GA drawing of the prefabricated substation showing dimensional details.
- ii. Type test certificate of the prefabricated substation from reputed test house accredited by National Accreditation Board for testing and calibration Laboratories (NABL), India for tests mentioned in clause 6 of IS 14786/KEMA, Netherlands as per relevant IEC
- iii. Type test certificates of individual components of the substation i.e. transformer, RMU and LT panel as per relevant IS.
- iv. Deviation of offer from tender specifications with justification and backup documents from principal wherever required. All deviations subject to acceptance by OIL in writing.

2. The successful bidder shall obtain approval for the following drawings, documents.

- i. GA drawing showing all details, including constructional detail and component layout of the prefabricated substation.
- ii. Bill of materials with Make of the various components.

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 substation i.e. transformer, RMU and LT panel as per relevant IS.
- v. Guarantee Certificate
- vi. List of recommended spare parts with part no. for two year

#### 7.0 SPECIAL NOTES:

Bidder shall confirm in the bid that

- The installation, testing & commissioning of prefabricated 11KV-3.3kV outdoor type Pre-fab substation will be carried out under supervision of experienced supervisor certificate of competency for carrying out 11kv works valid for operating in Assam.
- All electrical works shall be carried out by person having valid electrical license.
- Services of specialist Engineer from manufacturer s shall be required at site for commissioning of the prefabricated 11KV-3.3kV outdoor type pre-fab. substation with testing of numerical relay.
- Manufacturer of prefabricated 11KV-3.3kV outdoor type substation shall have the testing facilities to carry out the routine tests of the prefabricated substation in their manufacturing works.

#### 8.0 Spare Parts:

Party shall supply the following materials along with supply of prefabricated substation

- 11 KV HRC fuse for PT: 6 Nos.
- Closing Coil for ACB: 6 Nos.
- Tripping Coil for ACB: 6 Nos.
- 400A MCCB: 1 No.
- 250A MCCB: 1 No.
- 160A MCCB: 1 No.
- 63A MCCB: 1 No

The cost of above materials shall be included in the supply of prefabricated substation

#### 9.0 TEST AND INSPECTION:

9.1 The prefabricated substation shall be inspected by OIL engineer at manufacturer's premises prior to dispatch.

9.2 Routine tests on the individual components and on the assembled substation including primary & secondary injection tests of relays in accordance with IS shall be carried out at the manufacturers works which shall be witnessed by OIL engineer.

9.3 The supplier will give 15 days' advance intimation to enable depute OIL representative for witnessing the acceptance and routine tests.

#### 10.0 Warranty:

The goods/ equipment shall be of best quality and workmanship. The equipment shall be guaranteed for 12 (Twelve) months from the date of commissioning against defects arising due to material, workmanship or design. Relay will also be included in this guarantee.

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#### Annexure-I: Acceptable Make with Specification

##### A. For 415V, AC equipment:

Digital Multifunction meter, Current Transformer, LED, HRC fuses, Trip- neutral-close selector switch, Air Circuit Breaker, MCCB and MCB:

##### 1. Digital Multifunction Meter:

Make:

- i. Schneider Power logic PM200 series, HPL -Socomec (Diris A41), Siemens PAC3200.

##### 2. Digital Ammeter with inbuilt selector switch:

Make:

- i. Schneider electric, HPL, LT, Siemens, Indoasian

##### 3. Current Transformer:

Make:

- i. Kappa, Precise Electrical, Pragati Electrical, Siemens, L&T, Schneider electric, Indoasian

##### 4. LED:

Make:

- i. Binay, Tecnic, L&T, Siemens

##### 5. HRC Fuses:

Make:

- i. GE, Siemens, L&T, Schneider, Cooper Bussman, Indoasian

##### 6. Trip-Neutral-Close Selector Switch:

Make:

- i. Kaycee, Salzar, Schneider, L&T, Siemens, Indoasian

7. Air Circuit Breaker: ACB with minimum LSIG Protection EDO type, fault level 50 kA or above at 500 VAC. Electrically and manually operated with O/c, S/c, instantaneous and earth fault protection. Spring charging shall be motorized with 230 Vac as well as manual.

Make:

- i. Schneider Electric (Merlin Gerin) of NW series with micro logic

P/6.0H or above.

- ii. Siemens India-WL Series with electronic trip unit ETU 76B release.
- iii. GE India- Entelli guard SL. ACB with electronic trip unit ( GTH)
- iv. ABB india- Emax series with electronic trip unit having PR 121P
- v. Legrand- model DMX3-N with electronic relase- micro processor based protection unit MP4 LSIg.
- vi. L&T Air Circuit Breaker, Type U- Power omega with matrix protection and control unit MTX4.5

8. MCCB: 415 volt, fault level 36kA and above with O/C, S/C and Earth fault protection (for distribution application with 4 sets of spreaders for cable connection)/ 25 kA for 100/160/63 Amps MCCB with LSIg protection

Make:

- i. Schneider Electric (Merlin Gerin): model compact NSX with electronic trip unit with micro logic- 6.0A or above.
- ii. ABB – Tmax T6 with PR 222.
- iii. Siemens India Ltd: Sentron VL MCCB, model VL standard with electronic release and microprocessor based ETU.
- iv. Legrand: Model- DPX/DPX3 with LSIg release-Sg type.
- v. GE India: Record Plus, FG with electronic trip unit SMR2.
- vi. L&T: Model Dsine DN3 MTX 2.0 with LSIg release
- vii. Indoasian X-Tec Series with X5 LSIg release

9. Stainless steel single compression cable gland:

Make:

Dowell/gland make/Jainson/Baliga

11: sweating socket:

Make

- i. Dowell
- ii. 3M

12. Modular switches/ socket:

Make:

- i. Legrand/ Crab tree/L&T/Indoasian

14. 1.1 KV grade XLPE/PVC cable :

Make:

- i. Polycab/ Nicco/ Crystal/ RPG/NECAB/Prestige

15. Auxiliary contactor:

Make:

- i. Siemens/ ABB/ Schneider electric/Indoasian

B. 11KV, AC HT equipment:

1. Ring Main Unit-

Make:

Seimens/ ABB/ Schneider/ Crompton Greaves

2. HT Current transformer-

Make:

- i. Kappa/Precise Electricals/ Intrans Electro Components Pvt Ltd/Pragati Electricals/Same as the make of the VCB.

<p>3. Voltage transformer -</p> <p>Make: i. Kappa/Precise Electricals/Intrans Electro Components Pvt Ltd/Pragati Electricals/Same as the make of the VCB.</p> <p>4. Numerical protection relay</p> <p>Make: Siemens(Type Siprotec 7SD80)/SEL(Type SEL-751)/Areva T&amp;D India Ltd(Schneider Group,type Micom-p14N)/Merlin-GERin(Schneider Group, type Sepam Series S-84)/ EASUN-Argus-1</p> <p>5. 11KV, Vacuum circuit breaker:</p> <p>Make: Siemens/ ABB/ Schneider/ Crompton greaves</p> <p>6. 11KV Interrupter:</p> <p>Make: Siemens/ ABB/ Schneider/ Crompton greaves</p> <p>7. Dry type Transformer:</p> <p>Make: Siemens/Voltamp/ABB/Raychem RPG/PETE-Hammond</p>	
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**Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the NIT terms and conditions of NIT.**

**ANNEXURE - Technical Evaluation Sheet**

Sr. No.	Clause no. of Technical Specification	Description (refer to PR for detailed description)	Bidders Remarks Complied/ Not Complied/ Deviation	Bidder to indicate Relevant Page No. /Document No. Of their Bid to support the Remarks/ Compliance
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**Annexure -Bid Rejection Criteria (BRC)**

1.	(i)		Bidder shall be a manufacturer/channel partner/ authorized dealer of manufacturer of prefabricated HT outdoor type substation. Bidders quoting on behalf of OEM shall submit copy of valid dealership certificate /authorization letter/certificate of channel partnership from the OEM along with the bid.		
2.	(ii)		<p>The bidder should have experience of successfully executing minimum 1 No. of similar works in any Central Govt. / State Govt./Public Limited Companies/Govt. PSU in last five year as on original bid closing date of this tender.</p> <p><b>Similar Works means:</b> SITC of either (i) Compact Substation having RMU with VCB, dry type transformer &amp; LT Panel with ACB as incomer and MCCBs as outgoing feeder or (ii) 11 KV switchgear panels.</p>		
3.	(iii)		The bidder shall submit documentary evidence such as purchase order with invoice copy /completion certificate /performance certificate or any other documents which substantiate successful execution of each of the purchase order cited above along with their bid.		

**Annexure- Item Description**

6.	Clause 1.0		<b>SCOPE</b>		
7.	Clause 2.0		<b>STANDARDS</b>		
8.	Clause		<b>AMBIENT CONDITIONS</b>		

	3.0				
9.	Clause 4.0		<b>DESIGN AND CONSTRUCTION REQUIREMENT</b>		
10.		Sub Clause 4.1	Earthing		
11.		Sub Clause 4.2	Nameplate		
12.		Sub Clause 4.3	Degree of protection		
13.		Sub Clause 4.4	General Requirement		
14.	Clause 5.0		<b>COMPONENTS OF OUTDOOR TYPE PREFABRICATED SUBSTATION</b>		
15.		Sub Clause 5.1	Ring Main Unit (3 ways)		
16.		Sub Clause 5.2	Transformer Compartment		
17.		Sub Clause 5.3	LT Compartment		
18.	Clause 6.0		<b>DOCUMENTS</b>		
19.	Clause 7.0		<b>SPECIAL NOTES</b>		
20.	Annexure-I: Acceptable Make with Specification				
21.	For 415V, AC equipment				
22.	11KV, AC HT Equipment				



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

Tender No.			
Bidder's Name :			
BEC / TENDER REQUIREMENTS		Compliance by Bidder	
SL. NO.		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 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 execution of the purchase order cited above.

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

Tender No.
Bidders Name

**Bidders Response Sheet**

SI 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 LETTER 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.