



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

TELEPHONE NO: (91-374) 2808719

FAX NO: (91-374) 2800533

Email: [jyoti\\_sarkar@oilindia.in](mailto:jyoti_sarkar@oilindia.in); [erp\\_mm@oilindia.in](mailto:erp_mm@oilindia.in)

**FORWARDING LETTER**

Tender No. : SDI9963P19 DT: 07.12.2018  
Tender Fee : NIL  
Bid Security : Applicable  
Bidding Type : SINGLE STAGE COMPOSITE BID SYSTEM  
Bid Closing on : 10.01.2019 (11.00 HRS IST)  
Bid Opening on : 10.01.2019 (14.00 HRS IST)  
Performance Security : Applicable  
Integrity Pact : Not Applicable

**"The items covered by this enquiry shall be used by Oil India Limited in the PEL/ML areas which are issued/renewed after 01/04/99 and hence Nil Customs Duty during import will be applicable. However, concessional rate of GST @5% against Essentiality Certificate for invoice value 10 Lakh and above will be applicable.**

**In the event of order, OIL will issue Essentiality Certificate (EC), where concessional rate of GST @5% will be applicable. Supplier shall affect dispatch only on receipt of these certificates from OIL, failing which all related liabilities shall be to Supplier's account".**

OIL invites Bids for **SUPPLY, INSTALLATION & COMMISSIONING OF BATTERY BANK – 02 NOS** through its e-Procurement site under **SINGLE STAGE COMPOSITE BID SYSTEM**. The bidding documents and other terms and conditions are available at Booklet No. MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders. The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area -> Tender Documents. The general details of tender can be viewed by opening the RFx [ Tender] under RFx and Auctions. The details of items tendered can be **found in the Item Data and details uploaded under Technical RFx**.

**The tender will be governed by:**

- a) For technical support on various matters viz. Online registration of vendors, Resetting of Passwords, submission of online bids etc, vendors should contact OIL's ERP MM Deptt at following: Tel Nos = **0374-2807178** , 0374-2807171 , 0374-2807192 ., Email id = [erp\\_mm@oilindia.in](mailto:erp_mm@oilindia.in).

b) **OIL's office timings are as below:**

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

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) Bidders 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**

- a) Bidders who do not have E-tender Login ID and Password should complete their online registration **at least seven (7) days prior to the scheduled bid closing date** and time of the tender. For online registration, Bidder may visit the OIL’s E-tender site <https://etender.srm.oilindia.in/irj/portal>
- b) Necessary Login ID & Password will be issued by OIL only after submitting the complete online registration by the Bidder. In the event of late registration/incomplete registration by Bidder, OIL INDIA LIMITED shall not be responsible for late allotment of User ID & Password and request for bid closing date extension on that plea shall not be entertained by Company.
- c) MSEs Units (manufacturers only and not their dealers/distributors) who are already registered with District Industry Centers or Khadi & Village Industries Commission or Khadi & Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts & Handloom or any other body specified by Ministry of MSME are exempted from payment of Bid Security (EMD) irrespective of monetary limit mentioned in their registration, provided they are registered for the item they intend to quote/participate.
- d) For availing benefits under Public Procurement Policy (Purchase preference & EMD exemption), the interested MSE Bidders must ensure that they are the manufacturer of tendered item(s) and registered with the appropriate authority for the said item(s). Bids without EMD shall be rejected, if the technical offer does not include a valid copy of relevant MSE Certificate issued by appropriate authority specifying the item as per tender. Therefore, it is in the interest of such MSE Vendors to furnish a copy of complete certificate to the concerned tender handling officer of **OIL at least seven (7) days prior to the scheduled Bid Closing Date of the tender**, seeking clarification/confirmation as to whether their registered item is eligible for EMD exemption or not. **Late communication in this regard and request for bid closing date extension on that plea shall not be entertained by Company.**

#### **NOTE:**

**In case of MSE/PSUs/ Govt. Bodies / eligible institutions etc., they must apply to concerned tender handling officer, Materials Department, Oil India Limited, P.O. Duliajan, Assam-786602 for waiver of EMD 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 Bid Security/Earnest Money provided they are registered for the items they intend to quote. Bidders who are allowed to participate against the tender as MSEs must quote their own products failing which their bids will be rejected.**

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).**

15.0 Bidders should fill-up and submit alongwith their bid an **UNDERTAKING** towards **authenticity of information/documents** furnished by them, as per enclosed **ANNEXURE-K.**

16.0 The applicable GST on the Liquidated Damage if any, shall have to be borne by the seller. Accordingly, the Liquidated Damage shall be recovered from the seller along with applicable GST.

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 \*

Logon Problems? [Get Support](#)

[Supplier Enlistment for E-Tender](#)

[Important Note for New Portal Users:](#)

[Click here to View Competability Settings](#)

[General Guidelines to bidders](#)

[Click for User Manuals](#)

Click here for the New Manual & Instruction

© 2012 Oil India Limited. All rights reserved.

[Click for Terms of use, Privacy Policy, Refund Policy Docs](#)

**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-**

**(J SARKAR)**

**MM (IP)**

**FOR : GM-MATERIALS**

**Tender No & Date: SDI9963P19 DT: 07.12.2018**

**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.

<u>Criteria</u>	<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><b>1. Bidder should have the experience of successfully executing at least 1(one) Similar Order for quantity minimum 01(one) number in preceding 5 (five) years as on the original Bid Closing date.</b></p> <p><b>“Similar order” means “Successfully commissioned similar (400 AH) or higher AH capacity (Plante or VRLA) battery bank.”</b></p> <p><b>Note:</b> Documentary evidence in respect of the above should be submitted in the form of copies of relevant <b>Purchase Order / Contract along with</b> copies of any of the following documents in respect of satisfactory execution of each of those Purchase Orders, such as –</p> <ul style="list-style-type: none"> <li>(i) Satisfactory Inspection Report (OR)</li> <li>(ii) Satisfactory Supply Completion / Installation Report (OR)</li> <li>(iii) Consignee Received Delivery Challans (OR)</li> <li>(iv) Central Excise Gate Pass / Tax Invoices issued under relevant rules of Central Excise/VAT/GST (OR)</li> <li>(v) any other documentary evidence that can substantiate the satisfactory execution of each of the purchase orders cited above.</li> </ul> <p><b>Note:</b></p> <p><b>a) The Purchase Order date need not be within 5 (five) years preceding original bid</b></p>	

closing date of this tender. However, the execution of supply should be within 5 (five) years preceding original bid closing date of this tender.

b) Satisfactory supply/completion/installation report (if submitted) should be issued on client's official letterhead with signature and stamp.

## **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 23.16 Lakhs**.

b) Net Worth of the firm should be Positive for preceding financial / Accounting year. (FY=2017-2018)

**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.92,700.00** 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. 30.07.2019)**

**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 the following form :

**A Bank Guarantee in the prescribed OIL’s format valid for 90 days beyond delivery period and applicable warranty/guarantee period (if any).**

**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.**

**However, PBG will be applicable only if value of Purchase Order exceeds Rs 5(five) lakhs.**

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 :**

**(a) Party to complete, material supply, within 16 weeks from date of placement of P.O.**

**b) Installation and Commissioning to be completed within 15 days of intimation by OIL regarding readiness of site.**

**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,

## **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. The original Bid Closing Date shall be considered by OIL for evaluation of BRC criteria even in case of any extension of the original Bid Closing Date.

### **A) TECHNICAL:**

i) The bids 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.**

-----XXXX-----

## TECHNICAL SPECIFICATIONS WITH QUANTITY

Tender No &amp; Date: SDI9963P19 DT: 07.12.2018

MATERIALS DESCRIPTION	Complied / Not Complied. (Remarks if any)
<p><b><u>ITEM NO. 10</u></b></p> <p><b><u>SUPPLY, INSTALLATION AND COMMISSIONING OF PLANTE LEAD ACID BATTERY BANK AT DULIAJAN POWER STATION. – QTY = 01 NO</u></b></p> <p>1.0 TECHNICAL SPECIFICATIONS FOR BATTERY BANK  Supply of vented 175 AH Plante lead acid battery bank of output 360 V DC (174 Nos x 2 V/cells) in transparent SAN containers with Plante positive plates, negative plates, lids, vent plugs, separators bolts &amp; nuts, cell insulators, Electrolyte, Battery stands, inter-cell connectors/fasteners, etc. conforming to IS 1652-2013/ IEC 896-1995 /DIN 40738 as per following details:</p> <p>a) Application : UPS system of Power plant control system  b) Type of cell : Plante lead acid  c) Total No of cells: 174 Nos  d) Individual Cell Voltage: 2 volts /cell  e) Battery bank voltage: 360 V DC  f) Nominal Capacity of cell: Capacity in AH at C10 discharge to final voltage not below 1.80 V = 175 AH  g) Cell Positive Electrode: <math>\geq 99.99\%</math> pure lead  h) Cell Container: Transparent SAN container with Electrolyte High / Low level marking and SAN cover.  i) Trickle charging voltage/cell: 2.20 V to 2.25 V  j) Boost charging voltage/cell: <math>\leq 2.75</math> Volts.  k) Operating Temperature range: +8 to +40 deg C  l) Cell self discharge rate: <math>&lt; 5\%</math> in 26 days at <math>27 \pm 2</math> Deg C or <math>&lt; 4\%</math> in 30 days at 20 Deg C  m) Cell Design life: <math>&gt; 20</math> Years  n) Cell Standard: Conforming to IS 1652-2013/ IEC 896-1995 /DIN 40738  o) Inter cell Connector &amp; Vent Plug: Anti-corrosive highly conductive interconnectors, Bolts, nuts, washers etc. and Vent plugs  p) Electrolyte: Battery grade sulphuric acid conforming to relevant standard diluted with distilled water to specific gravity 1.2 appx at 25 Deg C.  q) Battery Stand: Free standing, acid resistant paint/coated, porcelain/plastic insulators between stand and floor, number plate to designate each cell of battery, provision for clamping outgoing cable on the rack. Adequate size to ensure cell placement in row and tier formation with adequate clearance between adjacent cells.  r) Accessories: 2 Nos Cell Testing Voltmeter of range 3-0-3 Volts and 1 No. Mercury Glass Thermometer Range : 0-100°C.  s) SPARE CELL: Party to provide minimum 10 (ten) spare cells of same capacity along with the battery bank.</p>	

## 2.0 SPECIFICATION OF EXISTING UPS (Provided for reference)

The existing UPS will be used for charging the 175 AH, 360 V DC (174 Nos x 2 V/cells) battery bank. Technical details of the UPS is provided for reference

- a) 2X25 KVA,
- b) Input Voltage: 415  $\pm$ 10%, 3 phase , Frequency =50 Hz $\pm$ 6% ,
- c) Out put Voltage : 240 V, 1 phase
- d) DC link Voltage range: 305 V DC to 409 V DC.
- e) Inverter Efficiency: 90 %

Under normal conditions, Power to the load will be met from the UPS and battery bank kept under float or boost charging condition. In the event of failure of incoming power to UPS the battery bank shall be used to cater to the load. The load mainly comprises of

- a) Gas Turbine Control System (Mark VI).
- b) DCS System for Balance of plant.
- c) HMI for Mark VI and DCS.
- d) Generator Relay Panel.
- e) Gas Turbine emission monitoring system.
- f) CCTV system.
- g) DM Water Plant PLC etc

## 3.0 PACKING AND DELIVERY

- a) Packaging of the battery bank & its auxiliary components shall be adequate enough to avoid any transit damage.
- b) The lead acid batteries shall be supplied in dry condition.
- c) Adequate diluted sulphuric acid shall be supplied in separate non-returnable acid & corrosive proof jar/drum.

## 4.0 TECHNICAL DATA SHEET/DRAWINGS AND MANUAL

I. Following shall be provided along with the offer

- a) Technical Data Sheet of Plante Cell
- b) Dimensional drawings & Catalogue of Plante Cell giving all relevant information as required as per NIT
- c) Copy of Standard Type test and Routine test certificates of similar/higher Plante Cell manufactured/supplied elsewhere as per relevant IS/IEC/DIN standard.
- d) General Arrangement drawing including dimensional drawing of Battery Stand showing layout of battery bank on the stand

II. Following shall be provided after placement of P.O

- a) Supplier to submit General Arrangement (GA) drawing with dimension and cross sectional view of one cell, GA drawing of placement of cells in stand and layout of racks with details of component at OIL's premises within 2 weeks from the date of the PO for OIL's approval before manufacturing. Room dimension along with existing battery banks is attached as annexure-A.
- b) Supplier to provide Manual containing Instruction for Preservation, steps for commissioning, Guidelines for operation & maintenance.
- c) Supplier to include approved GA drawings of cell and approved layout in their Manuals.
- d) Supplier to provide 6 (six) copies of manual containing (sl no b & c above) along with the supply.

**ITEM NO. 20**

**SUPPLY, INSTALLATION AND COMMISSIONING OF PLANTE LEAD ACID BATTERY BANK – 01 AU (Activity Unit)**

INSTALLATION & COMMISSIONING

1.0 General

- a) Installation and commissioning to be carried out at OIL INDIA LIMITED, Duliajan Power Station, Assam-786602.
- b) OIL will intimate Supplier for installation scheduled date minimum 2 (two) weeks ahead. Schedule date will be provided by OIL as per their planned shutdown. Supplier to deploy accordingly for Installation and commissioning of the Battery bank.
- c) OIL will arrange shutdown of the system to facilitate installation and commissioning activity.
- d) It is the responsibility of the Supplier to dismantle the existing VRLA battery bank Exide Powersafe, UPST 165AH, 380 V, 174 Nos along with stand.
- e) Supplier to arrange for taking back the existing battery bank as per buy back scope from OIL' site of their own cost. OIL will arrange requisite gate pass in this regards.
- f) Supplier to deploy their experienced personnel for execution and supervision of Installation and commissioning activity at OIL's premises.
- g) Expenses for to and fro travel, accommodation and fooding of person(s) assigned by the Supplier for Installation and Commissioning will be in the account of the Supplier.
- h) OIL will provide gate pass for the job requirement on submission of relevant documents.

2.0 Installation job primarily includes:

- a) Dismantling of existing battery Bank of UPS.
- b) Removal of existing Battery Bank from Battery Room to Supplier's designated disposal facility.
- c) Placement and fixing of newly supplied battery stand/rack,
- d) Placement of supplied batteries as per approved layout plan,
- e) Inter-Connection of individual cells as per connection scheme
- f) Handling of electrolyte and placement of electrolyte as per requirement.

3.0 Commissioning job primarily includes:

- a) Charging/discharging of Battery bank as per OEM recommendations
- b) Supplier to demonstrate battery Discharge Test as per Capacity of the Battery bank at OIL's site.
- c) Commissioning will be considered completed on successful demonstration of battery discharge test at site and completion of PO terms in all respect.

4.0 PENALTY:

Supplier to deploy their Installation and Commissioning personnel as per schedule failing which there will be penalty of 0.5% per week upto 5% (max) of Installation and Commissioning.

**ITEM NO. 30**

**Supply, Installation and Commissioning of Plante Lead Acid Battery Bank 125 V at Duliajan Power Station (GT#3). – QTY = 01 NO**

## 1.0 TECHNICAL SPECIFICATIONS FOR BATTERY BANK

Supply of vented 425 AH Plante lead acid battery bank of output 125 V DC (61 Nos x 2.05 V/cells) in transparent SAN containers with Plante positive plates, negative plates, lids, vent plugs, separators bolts & nuts, cell insulators, Electrolyte, Battery stands, inter-cell connectors/fasteners, etc. conforming to IS 1652-2013/ IEC 896-1995 /DIN 40738 as per following details:

- a) Application : For safe shutdown of Gas Turbine of BHEL Frame V
- b) Type of cell : Plante lead acid
- c) Total No of cells: 61 Nos
- d) Individual Cell Voltage: 2 volts /cell
- e) Battery bank voltage: 125 V DC
- f) Nominal Capacity of cell: Capacity in AH at C10 discharge to final voltage not below 1.80 V = 425 AH
- g) Cell Positive Electrode:  $\geq 99.99\%$  pure lead
- h) Cell Container: Transparent SAN container with Electrolyte High / Low level marking and SAN cover.
- i) Trickle charging voltage/cell: 2.20 V to 2.25 V
- j) Boost charging voltage/cell:  $\leq 2.75$  Volts.
- k) Operating Temperature range: +8 to +40 deg C
- l) Cell self discharge rate:  $< 5\%$  in 26 days at  $27 \pm 2$  Deg C or  $< 4\%$  in 30 days at 20 Deg C
- m) Cell Design life:  $> 20$  Years
- n) Cell Standard: Conforming to IS 1652-2013/ IEC 896-1995 /DIN 40738
- o) Inter cell Connector & Vent Plug: Anti-corrosive highly conductive interconnectors, Bolts, nuts, washers etc. and Vent plugs
- p) Electrolyte: Battery grade sulphuric acid conforming to relevant standard diluted with distilled water to specific gravity 1.2 appx at 25 Deg C.
- q) Battery Stand: Free standing, acid resistant paint/coated, porcelain/plastic insulators between stand and floor, number plate to designate each cell of battery, provision for clamping outgoing cable on the rack. Adequate size to ensure cell placement in row and tier formation with adequate clearance between adjacent cells.
- r) Accessories: 2 Nos Cell Testing Voltmeter of range 3-0-3 Volts and 1 No. Mercury Glass Thermometer Range : 0-100°C.
- s) SPARE CELL: Party to provide minimum 6 (six) spare cells of same capacity along with the battery bank.

## 2.0 SPECIFICATION OF EXISTING SYSTEM (Provided for reference)

2.1 The existing Charger (HBL Make) will be used for charging the 425 AH, 125 V DC (61 Nos x 2.05 V/cells) battery bank. Technical details of the Charger is provided for reference

- a) Charger Type : 125TP 75 FC & 125 TP 150 FCBC with DVR; Quantity=1
- b) Input Voltage:  $415 \pm 10\%$ , 3 phase, 4 wire, Frequency =  $50 \text{ Hz} \pm 5\%$  ,
- c) Out put Voltage Nominal : 125 Volt DC  
Float : 141.75 V  
Boost: 144.9 V
- d) Efficiency:  $\geq 80\%$  at Full Load

## 2.2 Load Data of the system:

- a) DC Emergency Lube OilPump Motor : 7.5 KW,

- b) DC Hydraulic Ratchet pump motor : 0.56 KW
- c) Starting Diesel Engine Starter Motor:7.5 KW
- d) Lighting Load: 0.2 KW

**3.0 PACKING AND DELIVERY**

- a) Packaging of the battery bank & its auxiliary components shall be adequate enough to avoid any transit damage.
- b) The lead acid batteries shall be supplied in dry condition.
- c) Adequate diluted sulphuric acid shall be supplied in separate non-returnable acid & corrosive proof jar/drum.

**4.0 TECHNICAL DATA SHEET/DRAWINGS AND MANUAL**

I. Following shall be provided along with the offer

- a) Technical Data Sheet of Plante Cell
- b) Dimensional drawings & Catalogue of Plante Cell giving all relevant information as required as per NIT
- c) Copy of Standard Type test and Routine test certificates of similar/higher Plante Cell manufactured/supplied elsewhere as per relevant IS/IEC/DIN standard.
- d) General Arrangement drawing including dimensional drawing of Battery Stand showing layout of battery bank on the stand

II. Following shall be provided after placement of P.O

- a) Supplier to submit General Arrangement (GA) drawing with dimension and cross sectional view of one cell, GA drawing of placement of cells in stand and layout of racks with details of component at OIL's premises within 2 weeks from the date of the PO for OIL's approval before manufacturing. Room dimension along with existing battery banks is attached as annexure-A.
- b) Supplier to provide Manual containing Instruction for Preservation, steps for commissioning, Guidelines for operation & maintenance.
- c) Supplier to include approved GA drawings of cell and approved layout in their Manuals.
- d) Supplier to provide 6 (six) copies of manual containing (sl no b & c above) along with the supply.

**ITEM NO. 40**

**Installation and Commissioning of Plante Lead Acid Battery Bank – QTY = 01 AU (Activity Unit)**

**INSTALLATION & COMMISSIONING**

**1.0 General**

- a) Installation and commissioning to be carried out at OIL INDIA LIMITED, Duliajan Power Station, Assam-786602.
- b) OIL will intimate supplier for installation scheduled date minimum 2 (two) weeks ahead. Schedule date will be provided by OIL as per their planned shutdown. Supplier to deploy accordingly for Installation and commissioning of the Battery bank.
- c) OIL will arrange shutdown of the system to facilitate installation and commissioning activity.
- d) It is the responsibility of the supplier to dismantle the existing VRLA battery bank Exide Powersafe, UPST 415AH, 125 V, 61 Nos along with stand.
- e) Supplier to arrange for taking back the existing battery bank as per buy back scope from OIL' site of their own cost. OIL will arrange requisite gate pass in this regards.
- f) Supplier to deploy their experienced personnel for execution and supervision of Installation



and commissioning activity at OIL's premises.

g) Expenses for to and fro travel, accommodation and fooding of person(s) assigned by the supplier for Installation and Commissioning will be in the account of the supplier .

h) OIL will provide gate pass for the job requirement on submission of relevant documents.

2.0 Installation job primarily includes:

a) Dismantling of existing battery Bank.

b) Removal of existing Battery Bank from Battery Room to supplier's designated disposal facility.

c) Placement and fixing of newly supplied battery stand/rack,

d) Placement of supplied batteries as per approved layout plan,

e) Inter-Connection of individual cells as per connection scheme

f) Handling of electrolyte and placement of electrolyte as per requirement.

3.0 Commissioning job primarily includes:

a) Charging/discharging of Battery bank as per OEM recommendations

b) Supplier to demonstrate battery Discharge Test as per Capacity of the Battery bank at OIL's site.

c) Commissioning will be considered completed on successful demonstration of battery discharge test at site and completion of PO terms in all respect.

4.0 PENALTY:

Supplier to deploy their Installation and Commissioning personnel as per schedule, failing which there will be penalty of 0.5% per week upto 5% (max) of Installation and Commissioning.

### **SPECIAL NOTES (FOR ITEM NO. 10 & 20)**

1.0 Supply, Installation and Commissioning of 360 V Plante Battery Bank & Buy Back of existing VRLA battery bank for UPS of 20 MW Gas Turbine #3 of Duliajan Power Station.

#### **2.0 BUY BACK:**

**a) Bidder to categorically quote for buy back of the existing battery bank- Exide Powersafe, UPST 165AH, 380 V , 174 Nos along with the battery stand in their offer.**

**b) OIL will hand over the existing battery bank to the Bidder "as is where is basis".**

**c) Offered Buy Back amount (including GST) will be deducted from the quoted price FOR destination (with GST) against Supply of Battery bank for arriving at Techno-commercially Lowest bidder.**

3.0 Item(s) to be procured only from Original Equipment Manufacturer (OEM) or their Authorized dealers.

4.0 In case of Dealer, Bidder must submit copy of their valid Authorization certificate, along with the offer, without which offer shall not be considered for evaluation.

5.0 Bidder must quote for all the items against the tender without which the offer will be rejected.

6.0 The bidder shall provide along with the offer: technical literature/ Catalogue of offered item for technical scrutiny, failing which the offer will be liable for rejection.

7.0 The Bidder shall submit record of successfully commissioned similar (175 AH) or higher AH capacity (Plante or VRLA) battery bank in last 5 (five) years from bid closing date.

8.0 The Bidder shall provide routine test certificates along with the supply of the item.

09.0 Warranty: The items shall be warranted for a period of 18 months from the date of supply or 12 months from the date of commissioning at Duliajan Power Station whichever is earlier.

10.0 Bidder shall confirm in the bid that test & warrantee certificate of equipments will be forwarded along with the material.

11.0 Bidder is strongly advised to visit the site for assessment of the job involvement before submission of the bid.

12.0 Packing shall be adequate to avoid any transit damages.

13.0 Bidder must confirm every detail of items as specified in the enquiry. Any deviations must be clearly mentioned which shall be securitized for acceptability. The bidders shall summarize the deviations /modifications separately in their offer document with a heading "Deviations /Modifications" otherwise it will be taken for granted that the offer is made in conformity with the specification.

14(a) Party to complete, material supply, within 16 weeks from date of placement of P.O.

b) Installation and Commissioning to be completed within 15 days of intimation by OIL regarding readiness of site.

### **SPECIAL NOTES (FOR ITEM NO. 30 & 40)**

1.0 Supply, Installation and Commissioning of 125 V Plante Battery Bank & Buy Back of existing VRLA battery bank for Gas Turbine #3 of Duliajan Power Station.

### **2.0 BUY BACK:**

**a) Bidder to categorically quote for buy back of the existing VRLA battery bank -Exide Powersafe, UPST 415AH, 125 V, 61 Nos along with the battery stand in their offer.**

**b) OIL will hand over the existing battery bank to the Bidder "as is where is basis".**

**c) Offered Buy Back amount (including GST) will be deducted from the quoted price FOR destination (with GST) against Supply of Battery bank for arriving at Techno-commercially Lowest bidder.**

3.0 Item(s) to be procured only from Original Equipment Manufacturer (OEM) or their Authorized dealers.

3.1 In case of Dealer, Bidder must submit copy of their valid Authorization certificate, along with the offer, without which offer shall not be considered for evaluation.

4.0 Bidder must quote for all the items against the tender without which the offer will be rejected.

5.0 The Bidder shall provide along with the offer: technical literature/ Catalogue of offered item for technical scrutiny, failing which the offer will be liable for rejection.

6.0 The Bidder shall submit record of successfully commissioned similar (400 AH) or higher AH capacity (Plante or VRLA) battery bank in last 5 (five) years from bid closing date.

7.0 The Bidder shall provide routine test certificates along with the supply of the item.

8.0 Warranty: The items shall be warranted for a period of 18 months from the date of supply or 12 months from the date of commissioning at Duliajan Power Station whichever is earlier.

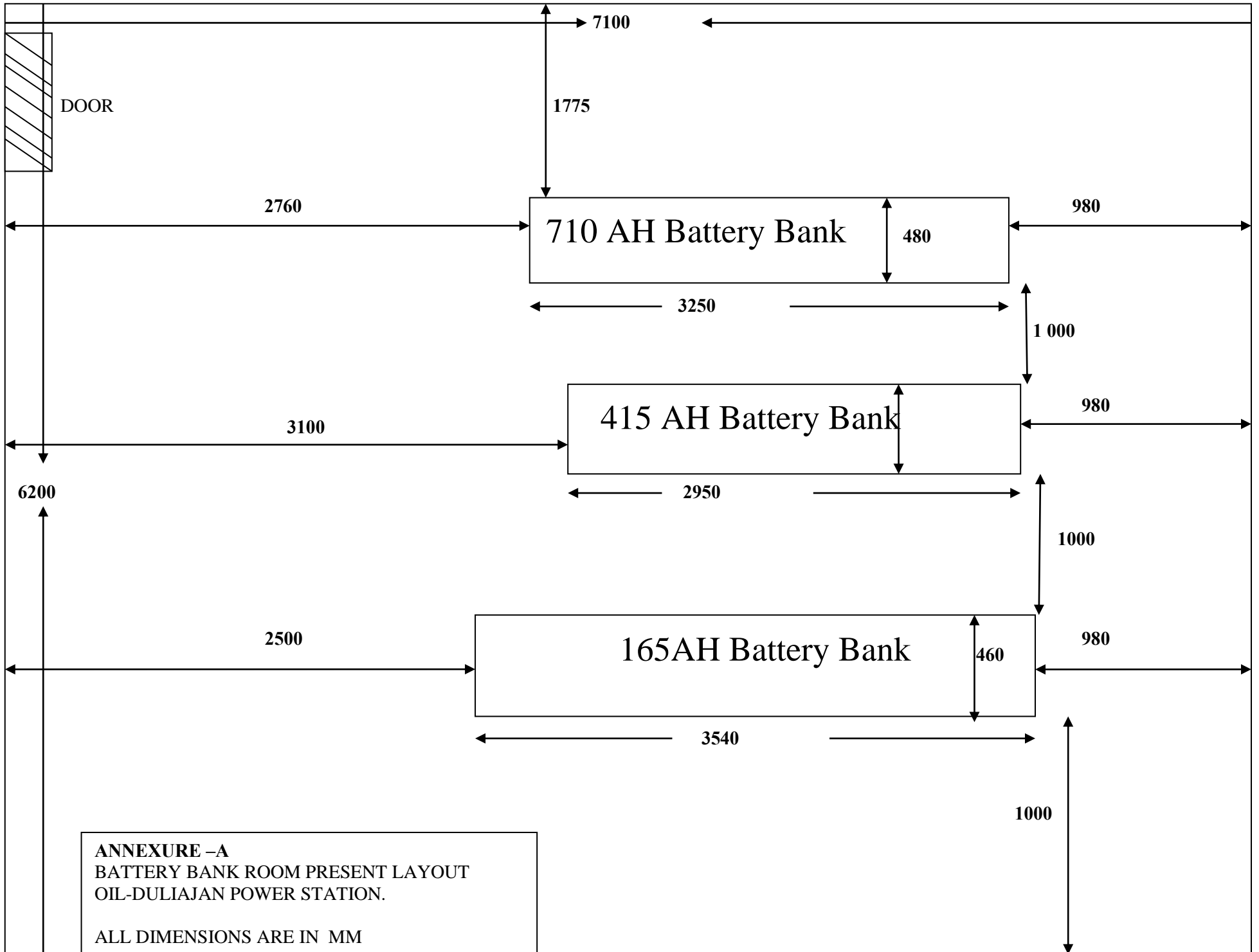
9.0 Bidder shall confirm in the bid that test & warrantee certificate of equipments will be forwarded along with the material.

**10.0 Bidder is strongly advised to visit the site for assessment of the job involvement before submission of the bid.**

11.0 Packing shall be adequate to avoid any transit damages.

12.0 Bidder must confirm every detail of items as specified in the enquiry. Any deviations must be clearly mentioned which shall be securitized for acceptability. The bidders shall summarize the deviations /modifications separately in their offer document with a heading "Deviations /Modifications" otherwise it will be taken for granted that the offer is made in conformity with the specification.

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



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

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

NOTE: Please fill up the greyed cells only.

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

**Response Sheet**

Annexure-FFF

Tender No.
Bidders Name

**Bidders Response Sheet**

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 Received Delivery Challans (OR) (iv) Central Excise Gate Pass / Tax , Invoices issued under relevant rules of Central Excise / VAT (OR) (v) any other documentary evidence that can substantiate the satisfactory

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

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

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

Office Seal

.....  
Signature of Vendor

Counter Signed by Banker:  
Seal of Bank:

Enclosure: Self attested photocopies of the following documents-

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