



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

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FORWARDING LETTER

Tender No. : SDI1209P20 DT: 22.04.2019
Tender Fee : NIL
Bid Security : Applicable
Bidding Type : SINGLE STAGE COMPOSITE BID SYSTEM
Bid Closing on : 17.10.2019 (11.00 HRS IST)
Bid Opening on : 17.10.2019 (14.00 HRS IST)
Performance Security : Applicable
Integrity Pact : Not Applicable

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 <https://www.oil-india.com/>

NOTE: All addenda, Corrigenda, time extension etc. to the tenders will be hosted on above website and e-portal only. Bidders should regularly visit above website and e-portal to keep themselves updated.

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 concessional rate of GST @5% against Essentiality Certificate for invoice value 1 Lakh and above will be applicable as per Notification No. 3/2017- Integrated/ Central Tax (Rate) dated 28th June, 2017.

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 this certificate from OIL, failing which all related liabilities shall be to Supplier's account.

OIL invites Bids for **PROCUREMENT OF SKID MOUNTED TOOL CUM STORE ROOM FOR ELECTRICAL DEPARTMENT TO USE AT DRILLING SITE – QTY = 04 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 Indigenous 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.

This Tender has been floated for participation of Indigenous bidders only. Hence, only Indigenous bidders are eligible to participate against this tender.

Consortiums/Joint venture entities are not eligible to participate against this tender.

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.

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.

- 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 :

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

- 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

- 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) **MSE Units** (Manufacturers/Service Providers 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 their monetary limit, product category and capacity mentioned in their registration, **subject to submission of valid MSE registration certificate issued by appropriate authority.**
- d) For availing benefits under Public Procurement Policy (**Purchase preference**), the interested MSE Bidders must ensure that they are the **manufacturers of the 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 MSE certificate 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.

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 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.


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

17.0: For convenience of the qualified Bidders and to improve transparency, the rates/costs quoted by bidders against OIL's e-tenders shall be available for online viewing by such Bidders whose price bids are opened by Company. A Bidder can view item-wise rates/ costs of all other such peer bidders against the tender immediately after price bid opening, if the e-tender is floated by Company with PRICE CONDITION. In case the Price-Bid is invited by Company through attachment form under "Notes & Attachment" (i.e., NO PRICE Condition), Bidders must upload their detailed Price-Bid as per the prescribed format under "Notes & Attachment", in addition to filling up the "Total Bid Value" Tab taking into account the cost of all individual line items and

other applicable charges like freight, tax, duties, levies etc. Under NO PRICE Condition (i.e., Price Bid in attachment form), the "Total Bid Value" as calculated & quoted by the Bidder shall only be shared amongst the eligible bidders and Company will not assume any responsibility whatsoever towards calculation errors/ omissions therein, if any. Notwithstanding to sharing the "Total Bid Value" or the same is whether filled up by the Bidder or not, Company will evaluate the cost details to ascertain the inter-se-ranking of bidders strictly as per the uploaded attachment and Bid Evaluation Criteria only. Online view of prices as above shall be available to the Bidders only upto seven days from the date of Price-Bid opening of the tender.

18.0 DISCLAIMER: Rates/Costs shown above are as calculated/quoted by the respective Bidder. Company does not assume any responsibility and shall not be liable for any calculation error or omissions. However, for placement of order/award of contract, Company shall evaluate the cost details to determine the inter-se-ranking of Bidders strictly as per their Price-Bids and Bid Evaluation Criteria of the Tender. OIL INDIA LTD accepts no liability of any nature resulting from mismatch of "Total Bid Value" & price submitted under "Notes & Attachment" by any bidder and no claim whatsoever shall be entertained thereof.

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.



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-

**(B BORAH)
SPO (IP)
FOR GM-MATERIALS**

Tender No & Date: SDI1209P20 DT: 22.04.2019**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>	Complied / Not Complied. (Remarks if any)
<p>1.0 BID REJECTION CRITERIA (BRC):</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>A) TECHNICAL:</p> <p>1.0 The bidder should be a fabricator of Skid Mounted Tool room/ Skid Mounted Store room/ Steel Crew huts/ cabins / bunk houses/Drilling Rig Power Control Room and should have the credentials of supplying the same in the past. Necessary evidence in the form of order copies / proof of supplies / acceptance / performance certificates should be submitted along with the offer.</p> <p>2.0 The bidder should have experience of successfully executing a single order for at least two similar systems {as mentioned in BRC clause A)1.0} in last 5 years as on the original bid closing date.</p> <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 –</p> <p>(i) Satisfactory Inspection Report (OR)</p> <p>(ii) Satisfactory Supply Completion / Installation Report (OR)</p> <p>(iii) Consignee Receipted Delivery Challans (OR)</p> <p>(iv) Central Excise Gate Pass / Tax Invoices issued under relevant rules of Central Excise/VAT/GST (OR)</p> <p>(v) any other documentary evidence that can substantiate the satisfactory execution of each of the purchase orders cited above.</p>	

Note:

a) The Purchase Order date need not be within 5 (five) years preceding original bid 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

3. Bidder should have the manufacturing facility of Skid Mounted Tool room/ Skid Mounted Store room/ Steel crew hut /cabins /bunk house / Drilling Rig Power Control Room in India. The address of the manufacturing facility should be submitted along with the offer.

4. Delivery must be completed within 12 months from the date of issuance of Purchase Order.

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 22.47 Lakhs**.

b) Net Worth of the firm should be Positive for preceding financial / Accounting year. (FY=2018-2019)

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. 89,900.00** 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. 30.04.2020)**

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.

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.

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 issuing Bank branch must ensure the following:
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 HDFC Bank, Duliajan Branch, IFS Code – HDFC0002118; SWIFT Code - HDFCINBBCAL.

Branch Address: HDFC Bank Limited, Duliajan Branch, Utopia Complex, BOC Gate, Jayanagar, Duliajan, Dibrugarh, PIN – 786602.”

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 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 for entire tendered quantity. 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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ANNEXURE-IA
TECHNICAL SPECIFICATIONS WITH QUANTITY

Tender No & Date: SDI1209P20 DT: 22.04.2019

	Complied / Not Complied. (Remarks if any)
<p><u>ITEM NO. 10</u></p> <p><u>PROCUREMENT OF SKID MOUNTED TOOL CUM STORE ROOM FOR ELECTRICAL DEPARTMENT TO USE AT DRILLING SITE – QTY = 04 NOS</u></p> <p>SKID MOUNTED ELECTRICAL TOOL CUM STORE ROOM FOR DRILLING RIGS AS PER SPECIFICATION GIVEN IN ANNEXURE-I AND ANNEXURE-II(INDICATIVE DRAWING ATTACHED). QUANTITY 4 NUMBERS.</p> <p>ANNEXURE-I</p> <p>SCOPE OF WORK:</p> <p>The scope of work covers manufacture and supply of Oil field Skid Mounted Electrical Tool cum Store Room having specified external dimensions complete with paneling, electric fitting and other equipment as mentioned in the specification. The Tool cum Store Room shall be used for oil field application as portable modules and shall be deployed at any place. The scope of work covers all the points stated under various heads below. The Tool cum Store Room shall be provided with suitable lifting and handling facility for the container handling. Quantity 4 numbers.</p> <p>1. Specification for Skid Mounted Tool Cum Store Room.</p> <p>1.1 Main shell:</p> <p>The main fabrication of the structural framework should be of integral and welded type to comprise of the bottom frame, overall framework and other peripherals like sloping self-draining roof, desired doors and windows etc. The main corner vertical support post should be formed into a press component from 5 mm thick MS tested quality plates as per IS specification and all the corner posts should be suitably welded at the top with a heavy gauge MS plate which should be able to hold steel forged lifting hooks or corner casting arrangement with 50 mm holes. The corner casting to be provided is similar to the corner castings normally found in marine freight containers. The entire welding process is to be executed by certified welder using ISI quality electrode.</p> <p>Over all limiting dimensions of the house:</p> <p>Floor Length: 6000 mm, Floor Width : 3000 mm, Height(including skid) :2800mm</p> <p>1.2 Base Frame:</p> <p>The main bottom (Base) frame should be fabricated and welded out of tested quality MS pressed steel channel section of size: ISMC 125x65 mm and all the inter connecting cross members should also be steel channels duly welded lengthwise & breadth wise and conveniently equally spaced and covered with 6 mm checkered MS sheet continuously welded to the bottom frame.</p> <p>1.3 Skid:</p> <p>The under structure/base frame of the house is to be mounted on the skid consisting of 3 (three) nos of ISMB 200X100 mm hot rolled "I" section. At the end portion of the "I" section structure, on both the sides, steel toeing pipe of size 4 inch SCH 40 should be inserted and welded properly. The "I" section beam should be placed at equal distance and connected with cross beam of same size at 2000 mm apart. Base frame and skid should be made in such a way that no foundation is needed for the placement of the house.</p> <p>1.4 Layout of the Tool Cum Store Room:</p> <p>The Tool cum Store Room shall comprise of two cabins. One cabin is for store room with racks for materials as shown in diagram. Next to the store room there shall be Tool room with work bench etc. The dimensions are indicated in the layout diagram. In the either side of the house near the main doors, there shall be foldable platforms of 0.7 meter width and 2 meter in length. Similarly, foldable</p>	

shed/canopy for these platforms should also be provided.

1.5 Flooring

The flooring should be from 6 mm checkered MS plate which is welded to the bottom frame and painted with bituminous paint. Removable type insulating rubber mat should be provided at the floor of the entire house.

1.6 Side end Walls:

The exterior cladding of the shell should be of MS pressed steel vertical corrugated sheets of 2 mm thick and should be welded to the bottom frame, corner posts, top frame and roof frame. Vertical and horizontal support should be provided as necessary for strengthening the shell. All gaps should be sealed to prevent ingress of insects, rain water etc.

1.7 Roof

The roof should be of sloping type from the centre towards the walls for efficient drainage of water. The roof should be made of 3 mm thick MS steel sheets as per IS and is provided with adequately pressed reinforced sections from inside for additional strength and this should be able to comfortably resist loads up to 200 lbs/sq feet. All the structural steel used should be of standard quality as per IS specification and all steel components / sections, machine pressed for rigidity to optimize strength to weight ratio.

1.8 Weather Shed:

All doors, windows should be provided with weather sheds of suitable size. The weather sheds should be made out of 2 mm thick MS sheet as per IS.

1.9 Inner Paneling

8 to 9 mm ply (as per IS 5509) plus 1 mm laminate (pre laminated boards) should be screwed on the walls on the internal #Z# section / square tubes. All vertical and horizontal corners should be neatly finished with aluminum anodized heavy gauge aluminum angles and flats and the vertical joints of the panels should be mixed with decorative PVC bidding patties/ aluminum patties to match with the color of the panels to suit the aesthetic appearance. The internal paneling of the ceiling should be of 8 to 9 mm pre laminated boards with aluminum anodized bidding patties. The ceiling of the roof should be suspended from inside on suitable #Z# section/ angle framework.

1.10 Doors & Windows

1.10.1 Doors:

Doors should be of (approx) 1981mm (h) X 1000mm(w) for main doors (external) with double palla, flush mounted double skin construction. The door should be open from outside. The external side should be cladded with 2 mm GI Aluminum sheets or MS sheets and the internal side should be with plywood hot pressed and phenol bonded with laminated sheets similar to the interior finish. The external doors shall be with suitable L-drop and locks (hooks inside & outside) and rubber gaskets packing all around the door frame for complete weather proof. There shall be one internal door (with one half MS wire grill) between tool room and store room as shown in the diagram with L-drop and hook. All doors should have 180 degree opening. Heavy duty pad lock should be provided with each door.

1.10.2 Windows:

Windows of size (approx) 810mm (w)X 585 mm(h) should be made from high quality aluminum anodized extruded section of suitable size and should be of sliding type fitted with clear 5 mm glasses. Metallic mosquito nets should be provided on suitable framework and MS grills should also be provided. Number of windows should be as per our drawing (total 4 numbers). Suitable collapsible shed for rain protection should be provided for the windows at both end walls.

1.10.3 Ventilators

Ventilation (of size approx 1000 mm x 300 mm) is to be provided at the top in two places as indicated in the layout diagram. Each ventilation is to be designed with louver arrangement and fine steel mosquito net to avoid ingress of water and insects.

1.11 Racks

Two numbers of MS racks (heavy duty) to be fixed on either side of the house as shown in the layout diagram. Each rack shall be of two tiers to form three (including floor) compartments (storing surface). Upper two surfaces (compartments) are to be equally divided to form shelves, three on each compartment (total six). Ground or floor compartment need not to be divided. MS wire grill with hinge to be provided in each shelf (including the ground compartment) to prevent the materials from falling to

ground. Sufficient support is to be provided to make the rack for heavy duty use. Support for the floor compartment should be removable type fixed with nut & bolt. The rack frame should be made from 75mm MS angle. MS sheet of 3mm thickness should be used for constructing the shelves.

1.12 Foldable Platform & foldable shed/canopy:

Two Foldable platforms at the front side of the external doors made of 6mm thick checkered plate to be provided as shown in the layout diagram. Length of each platform shall be 2 meter and width 0.7 meter. Fixing arrangement should be made to hold the same during transportation. Similarly foldable canopy/shed should be made above these platforms. Length of canopy shall be 2 meter and width 1 meter.

1.13 Pre-treatment & Painting:

All steel surfaces should be sand or shot blasted for degreasing and de-rusting followed by pre-treatment with anticorrosive chemicals including phosphating. Coating should be applied with red-oxide, zinc chromate, primer conforming to IS 2074. The internal and external surface of the house should be finally painted with two coats of corrosion resistant rubbers chlorinated marine paints or polyurethane paints.

The under frame should be painted with bituminous paint of reputed make as per IS. The colour shade and grade will be decided at the time of inspection by representatives of OIL. Necessary marking/ logo should be provided as per the advice of OIL.

1.14 Specifications of Steel

(i) Steel - Load bearing members IS 1079 / grade St 42 / JIS G 3125 SPA-H (SAIL/TATA/ESSAR)

(ii) Structural Steel I Beams / Rolled sections IS 2062 (SAIL/TATA/ESSAR)

(iii) Side, End walls & Roof panels Corten-A / JIS G3125 SPA-H /SAILCOR/IRSM 41

(iv) Square rectangular hollow sections IS 4923 (SAIL/TATA/ESSAR)

Documentary evidence regarding the purchase of the above material is to be provided to OIL during the time of inspection.

1.15 Name Plate & labeling of the House:

The writing of the name plate on each house should be as per following:

a) "Oil India Ltd" with OIL logo, "Electrical Engg Department" & PO number should be written on a proper plate and should be fixed on front & back side of the house. The writings should be of proper size and good contrasting color so that it is visible from distance.

b) Weight & dimensions of the house should be written on two diagonally opposite corners of the house near the lifting point.

c) Lifting point should be properly marked.

1.16 Electricals:

1.16.1 Electrical wiring for the house should be carried out as per CEA regulation 102(ii) (b) since this house is to be used in mining areas. Wiring should be suitable for 230 VAC Ph to Ph, 50Hz supply. Isolation should be double pole type for all the switches. Wiring system should be done in such a way that, it can be used for 230V AC Ph- Neutral system without any modification. An indicative electrical schematic diagram is provided in the attachment. The following electrical items shall be provided in the Store cum Tool house:

a) Main Switch & Plug-Socket: One 32 Amp SPN Main Switch, metallic enclosure with side handle shall be mounted outside the cabin. Additionally, one 32 amp, 5-pin plug socket should be provided for connection and disconnection of incomer cable. Make of switch socket # BCH, type DS. Both the main switch and plug socket should be provided with suitable shed for protection against rain & mechanical damage. The main switch should be suitable for 230V AC Ph to Ph system.

b) Distribution Box: One no., metallic body, 6 way MCB DB with 32 Amp Double Pole, 100 mA ELCB as incomer, 4 nos. 10 Amps MCB and 2 nos. 20 Amps MCB as outgoing shall be provided. All MCBs shall be 10 kA, C curve and double pole type. DB shall be complete with 32 Amps bus bars and shall be as per IP-21. All circuits shall be marked on DB with paint or metallic marker. The DB should be suitable for 230V AC Ph to Ph system.

c) Lights (fixed): Energy efficient LED downlighter (14 Watt each), surface mounted- 2 (two) nos. for store room and 2 (two) nos. for the Tool room shall be provided. Light fittings shall be ceiling mounted and arranged to provide optimal illumination. Model shall be approved by Electrical Engineering Deptt.

d) Lights (external): Bulkhead type tube fitting, with metal grid protection # 2 Nos. This fitting should be fitted to the side (external) wall.

e) Wall Sockets (metal clad): 2 (two) nos. 20 Amps metal-clad socket with plugs at tool room with MCBs shall be provided at the tool room one for drill machine and other at the separation wall.

f) Wall Sockets (Bakelite): One switch board for lights & fans etc should be provided with switch sockets (3 pin 5 Amps) at convenient place. One additional 3 pin 5 Amps switch socket should be provided at one of the side wall of the Tool Room.

g) Fans: 1 (One) nos. of wall/ceiling mounted fan (400mm sweep) in the Tool room and 1 (one) no exhaust fan (300 mm sweep) shall be provided at the store room as indicated.

h) Wall/ceiling mounted fans shall have 400 mm sweep and be equipped with in-built speed regulator with OFF position. Model shall be approved by Electrical Engineering Deptt.

i) Earthing point: Two cabin earth points (on the skid or body, outside, diagonally opposite) shall be provided for final termination of earth wires for connection to earth electrodes outside the cabin.

j) Stand Electric Drill Machine: One stand Drill Machine electrically operated (230 v, 50 Hz) with drill bit size ½ inch (min) should be provided with all accessories like drill chuck etc. in each bunk house.

1.16.2 Specifications of Materials (Electrical):

All wiring from MCB DB to switchboards/ points/ sockets etc. shall be of metallic conduit.

a) Conduit size and no. of wires in conduit shall be as per IS. Corners shall be rounded elbow type for ease of insertion of wires.

b) The wiring cable shall be PVC insulated, 1100 V grade, fire-retardant, multi-stranded flexible copper conductor.

c) All wires shall be colour coded as Red for Phase, Black for neutral and Green for earth. All wire ends in DB, Main Switch and Socket outlets shall have copper lugs .

d) All lights, fans and socket points shall be suitably wired with individual double isolation switches.

e) Earth points for socket outlets, fans etc. shall be individually wired with insulated wires to switchboards and then to MCBDB earth bus. MCBDB earth bus shall be connected to two earth points (welded studs) on the bunk house skid/metallic outside shell. No earth connection shall be made directly to any point of the metallic shell of the bunk house.

f) All switches and switch-sockets shall be flush type.

1.16.3 Cable Sizes:

All cables shall be Fire-retardant, Low Smoke (FRLS), and of multi-stranded copper conductor, color coded (Red for phase, black for neutral, green for earth).

i) 1.5 sq mm copper cable with insulated earth wire of 1.5 sq mm for point wiring.

ii) 2.5 sq mm copper cable with 2.5 sq mm insulated earth wire for circuit wiring from DB to switchboard and 6/16 Switch Amp sockets.

iii) 4.0 sq mm copper cable with 4.0 sq mm diameter insulated copper earth wire for power sockets.

iv) The main switch outgoing shall be wired to the DB with 10 sq mm (for phase, neutral and earth) PVC insulated, 1100 V grade, fire-retardant, multi-stranded flexible copper conductor.

1.16.4 Following shall comprise the electrical scope of work:

a) Bidder shall submit electrical schematic with indicative bill of materials (BOM) along with quotation.

b) In case of order, the successful party has to submit detailed electrical drawings, bill of materials and specification of all electrical items/materials, light fittings, fans etc. before start of work. OIL shall make modifications/corrections (if any) in the drawings/BOM as deemed necessary. All modifications in the drawings, work plan and item description as required by OIL shall have to be agreed by the party. After making necessary amendment/corrections in the drawings/BOM as required by OIL, party shall re-submit the drawings for OIL's approval.

c) The electrification job shall start only after approval of drawings and samples of materials by OIL.

d) Entire electrical installation work has to be done by licensed electrician as per CEA Regulations and NEC codes.

e) Inspection: OIL shall conduct inspections at various stages of work progress # inspection of wiring work before fixing of panels / inner walls, Final pre-dispatch inspection etc. If any other inspection is deemed necessary by either party, it shall be mutually agreed beforehand. Party shall notify OIL at least 15 (fifteen) days in advance before each inspection.

f) Test report of the entire electrical work as per CEA Regulations will have to be submitted to OIL after completion of the job.

g) The electrical work shall be treated as complete once installation, testing & commissioning of electrical works along with submission of valid test report for electrical works, #as installed# drawings & list of electrical items used and spares are accepted by OIL.

h) Guarantee Certificates of, Drill Machine, Cabin Fans etc shall be provided along with supply of materials.

1.16.5 Special Note for Electricals of the house:

a) All electrical schematics, electrical drawings, make and model of electrical fittings have to be approved by Oil India Limited before assembly and manufacture of the house.

b) Indicative makes of Electrical Items: The electrical items used should have a proven track record of good performance. The indicative makes of electrical items are as follows:

i) Main Switch : Havells / GE / BCH / Crompton

ii) MCB DB : LeGrand / Havells / Merlin Gerin / Siemens/Schneider.

iii) Lights: Philips / Compton Greaves / GE /Bajaj/ Havells.

iv) LED Lights : Philips / Compton Greaves / GE /Bajaj/ Havells/Syska.

v) Metal Clad Wall Plug & socket: Legrand / Merlin Gerin / Siemens.

vi) Wall switches & socket (Bakelite) : Anchor (BIS marked)

vii) Wall/ceiling mounted fan: Usha / Crompton Greaves / Bajaj / Orient.

viii) Electric Stand Drill machine (min ½" drill bit): Ralliwolf (type WDH) / Bosch/Black & Decker

ix) Wires & cables: Finolex / Havells.

1.17 Miscellaneous items:

The following items should be provided along with each house:

a) Steel Tool box approximate size 700mm(w)X500mm(d)X1200mm(h):1 No.

b) Heavy duty wooden tool (for sitting) for work bench: 2 nos.

c) Heavy duty wooden bench (4 feet length) for tool room. : 1 No

d) Bench vice at work bench, jaw size 6 inch, good quality: 1 No

e) Force 4941 94PC 1/2" & 1/4" SOCKET SET & SCREWDRIVER BIT TORX RATCHET DRIVER CASE TOOL KIT-1 no.

f) One work bench (Heavy & removable) wooden top (A class wood), suitable sized should be provided in each bunk house for installing the Stand Drill machine and the bench vice. Suitable removable fixing arrangement should be made.

g) Hooks or rings should be provided at suitable places of the house (at floor, wall etc)for binding loose spares etc.

h) Heavy duty lock & key for the doors: 3 nos

i) Curtain rods to be provided at doors and windows.

1.18 Welding:

The containerized house should be of all welded steel construction using the latest method of MIG using CO2 argon as shield gas. All the external welding should be continuous, uniform and off full penetration carried out by certified welder.

1.19 Handling:

The bunk house to be capable of being handled without any strain or damage under the following conditions:

a) Lifting of the unit by lifting slings and shackles directly from top corner lifting lug.

b) Lifting and winching by attaching suitable shackle to the skid.

c) During transportation from one site to another.

1.20 Ladder:

A ladder should be placed outside cabin for fixing up slings at top of the corner post.

1.21 Provision for Area Lighting:

Foldable type poles, suitably size, should be provided in each corners for installation of area light. During transportation, the poles shall be in folded condition and the folded height of the pole must not exceed the roof height of the house.

1.22 Submission of Drawings : (Please refer to indicative drawings attached herewith)

(a) Drawing to be provided at the time of Bidding

(i) Lay out diagram of the house showing various items/equipments with dimensions.

(ii) Drawing of skid, base frame, main shell, roof , walls, ceiling and floor with dimensions of

beams, MS sheet, insulation, paneling etc.

(iii) Schematic Electrical diagram with BOM.

(b) Drawing to be provided by successful bidder for OIL approval before manufacture.

(i) Lay out diagram of the house showing various items/equipments with dimensions.

(ii) Drawing of skid, base frame, main shell, roof, walls, ceiling and floor with dimensions of beams, MS sheet, insulation, paneling etc.

(iii) Schematic Electrical diagram with BOM.

1.23 Warranty/Guarantee:

The Tool cum Store room house including painting & all the bought out items, should have minimum onsite warranty of one year from the date of installation or 18 months from the date of receiving whichever is earlier. Bidder should confirm it along with quotation. The offer, taking exception to this will be rejected.

This guarantee shall cover all items of the package, including (but not limited to) the skid, housing, all the internal components and any spares supplied. Any repairs / replacements required during this Warrantee period shall be carried out by the successful bidder, on site, at no cost to Oil India.

1.24 Inspection:

a) Stage Inspection

The stage inspection of the packages of house shall be inspected at Manufacturer works by OIL representatives during construction of the skid and housing.

b) Pre-dispatch inspection

Final pre-dispatch inspection of the packages shall be carried out by OIL representatives at manufacturer's works. The complete packages shall be tested according to manufacturer's standard test procedures, to demonstrate conformity with all required specifications. Representatives from Oil India shall witness these tests, and record results thereof. Manufacturer should give inspection calls to Oil India at least 15 days in advance. All test reports, certificates, approvals etc. pertaining to the system should be furnished during final pre-dispatch inspection.

This to be noted that, such inspection shall not relieve the supplier of his responsibility to ensure that, the equipments/systems supplied are free from all manufacturing and other defects and conforms to correct specifications & performances. However, inspection by OIL's representative will remain at its discretion. Boarding, lodging, transportation cost of such inspection for the OIL representative shall be borne by OIL.

1.25 Dispatch:

The completed units shall be dispatched to Oil India's designated site at Duliajan, Assam, India. The units shall be sent from manufacturer's works fully fitted, and ready to be commissioned at well sites. The units should be packed suitably to avoid ingress of rain, moisture and dust; and to withstand the rigorous of travel, as well as storage before final placement.

ANNEXURE-II

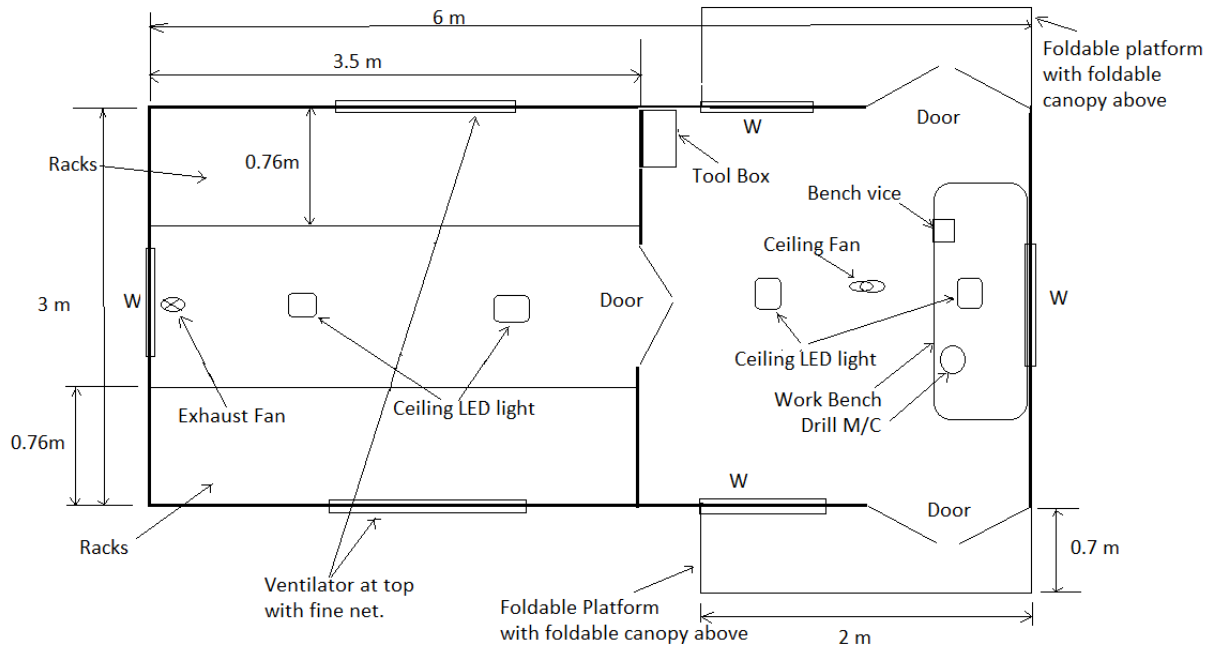
Indicative drawings for the Skid Mounted Tool Cum Store Room, MS Racks and Schematic Electrical Diagram for Ph to Ph system and bidder's response sheet are attached herewith.

NOTE:

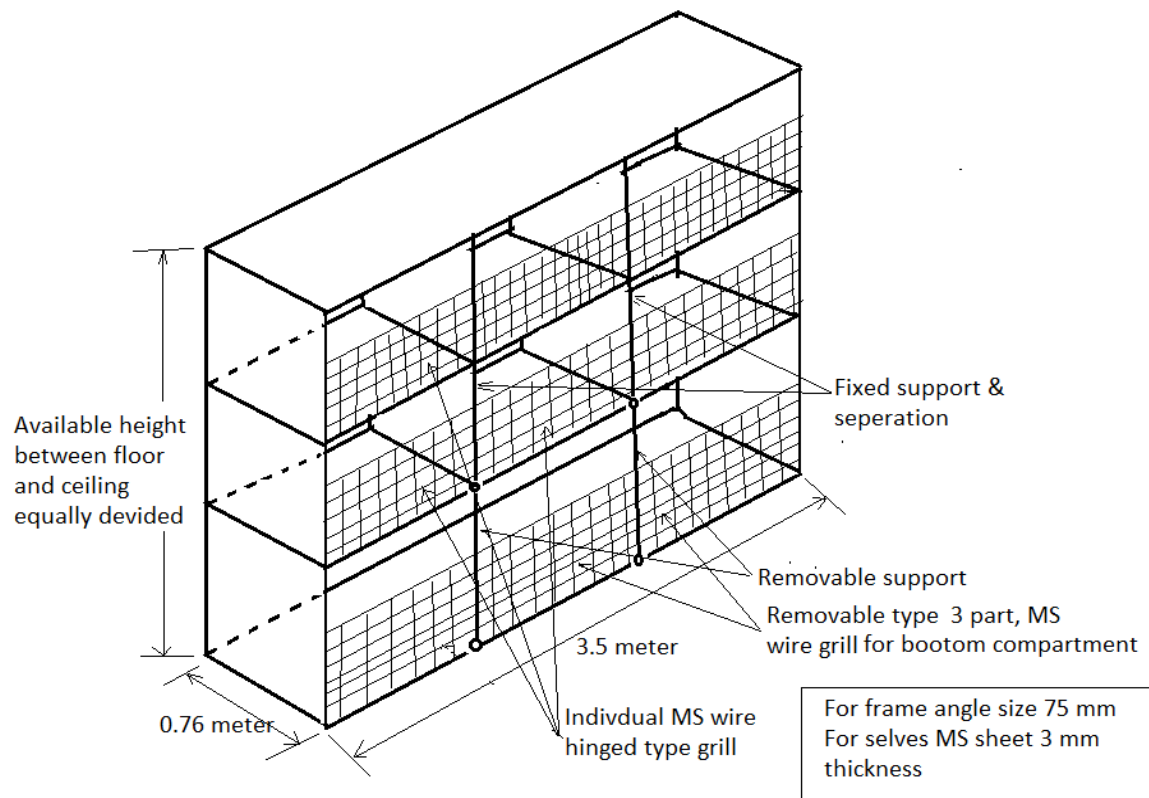
Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the terms and conditions of the NIT.

ANNEXURE-II

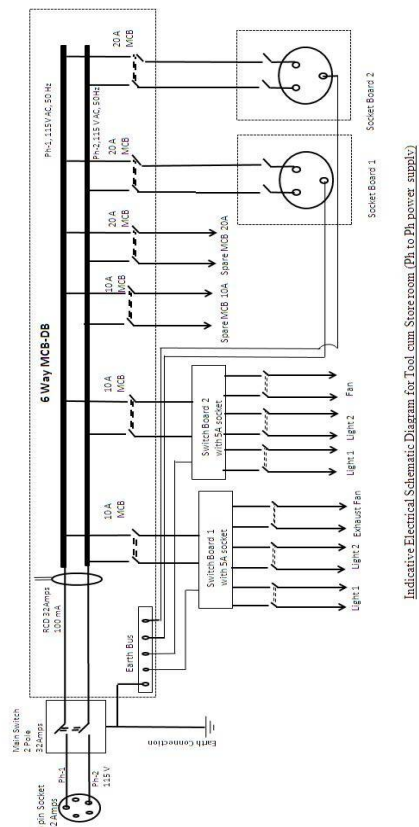
Indicative drawing for the Skid Mounted Tool Cum Store Room is attached herewith and Racks. Dimensions are in meter. (Skid is not shown here).



Indicative Layout Diagram of Electrical Tool cum Store Room



Indicative diagram for Racks for Tool Cum Store Room



Bidder's response sheet:

ITEM DESCRIPTION: SKID MOUNTED ELECTRICAL TOOL CUM STORE ROOM FOR DRILLING RIGS AS PER SPECIFICATION GIVEN IN ANNEXURE-I AND ANNEXURE-II(INDICATIVE DRAWING ATTACHED). QUANTITY 4 NUMBERS.

Sl No	Clause No of Tender Document/BEC /BRC, Technical specification/Scope of work	Description	Bidders remarks Complied/Not Complied/Deviation	Bidder to indicate relevant page no of their bid to support the remarks/compliance
BID EVALUATION CRITERIA, TECHNICAL CRITERIA:				
1	1.0	The bidder should be a fabricator of Skid Mounted Tool room/ Skid Mounted Store room/ Steel Crew huts/ cabins / bunk houses/Drilling Rig Power Control Room and should have the credentials of supplying the same in the past. Necessary evidence in the form of order copies / proof of supplies/ acceptance/performance certificates should be submitted along with the offer.		
2	2.0	The bidder should have experience of successfully executing a single order for at least two similar systems{as mentioned in BRC clause A)1.0}in last 5 years as on the original bid closing date. Documentary evidence in respect of the above should be submitted in the form of copy of relevant Purchase Order 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 (OR) v)Any other documentary evidence that can substantiate the satisfactory execution of each of the purchase orders cited above		
3	3.0	Bidder should have the manufacturing facility of Skid Mounted Tool room/ Skid Mounted Store room/ Steel crew hut /cabins /bunk house / Drilling Rig Power Control Room in India. The address of the manufacturing facility should be submitted along with the offer.		
4	4.0	Delivery must be completed within 12 months from the date of issuance of Purchase Order.		
TECHNICAL SPECIFICATIONS				
5	SCOPE OF WORK:	The scope of work covers manufacture and supply of Oil field Skid Mounted Electrical Tool cum Store Room having specified external dimensions complete with, paneling, electric fitting and other equipments as mentioned in the specification. The Tool cum Store Room shall be used for oil field application as portable modules and shall be deployed at any place. The scope of work covers all the points stated under various heads below. The Tool cum Store Room should be provided with suitable lifting and handling facility for the container handling. Quantity 4 numbers.		
1. Specification for Skid Mounted Tool Cum Store Room				

6	1.1 Main shell:	<p>The main fabrication of the structural framework should be of integral and welded type to comprise of the bottom frame, overall framework and other peripherals like Sloping self draining roof, desired doors and windows etc. The main corner vertical support post should be formed into a press component from 5 mm thick MS tested quality plates as per IS specification and all the corner posts should be suitably welded at the top with a heavy gauge MS plate which should be able to hold steel forged lifting hooks or corner casting arrangement with 50 mm holes. The corner casting to be provided is similar to the corner castings normally found in marine freight containers. The entire welding process is to be executed by certified welder using ISI quality electrode.</p> <p>Over all limiting dimensions of the house: Floor Length : 6000 mm, Floor Width : 3000 mm, Height(including skid) :2800mm</p>		
7	1.2 Base Frame:	<p>The main bottom (Base) frame should be fabricated and welded out of tested quality MS pressed steel channel section of size: ISMC 125x65 mm and all the inter connecting cross members should also be steel channels duly welded lengthwise & breadth wise and conveniently equally spaced and covered with 6 mm checkered MS sheet continuously welded to the bottom frame.</p>		
8	1.3 Skid:	<p>The under structure/base frame of the house is to be mounted on the</p>		

		skid consisting of 3 (three) nos of ISMB 200X100 mm hot rolled "I" section. At the end portion of the "I" section structure, on both the sides, steel toeing pipe of size 4 inch SCH 40 should be inserted and welded properly. The "I" section beam should be placed at equal distance and connected with cross beam of same size at 2000 mm apart. Base frame and skid should be made in such a way that no foundation is needed for the placement of the house.		
9	1.4 Layout of the Tool Cum Store Room:	The Tool cum Store Room shall comprise of two cabins. One cabin is for store room with racks for materials as shown in diagram. Next to the store room there shall be Tool room with work bench etc. The dimensions are indicated in the layout diagram. In the either side of the house near the main doors, there shall be foldable platforms of 0.7 meter width and 2 meter in length. Similarly, foldable shed/canopy for these platforms should also be provided.		
10	1.5 Flooring	The flooring should be from 6 mm checkered MS plate which is welded to the bottom frame and painted with bituminous paint. Removable type insulating rubber mat should be provided at the floor of the entire house.		
11	1.6 Side end Walls:	The exterior cladding of the shell should be of MS pressed steel vertical corrugated sheets of 2 mm thick and should be welded to the bottom frame, corner posts, top frame and roof frame. Vertical and horizontal support should be provided as necessary for		

		strengthening the shell. All gaps should be sealed to prevent ingress of insects, rain water etc.		
12	1.7 Roof	The roof should be of sloping type from the centre towards the walls for efficient drainage of water. The roof should be made of 3 mm thick MS steel sheets as per IS and is provided with adequately pressed reinforced sections from inside for additional strength and this should be able to comfortably resist loads up to 200 lbs/sq feet. All the structural steel used should be of standard quality as per IS specification and all steel components / sections, machine pressed for rigidity to optimize strength to weight ratio.		
13	1.8 Weather Shed:	All doors, windows should be provided with weather sheds of suitable size. The weather sheds should be made out of 2 mm thick MS sheet as per IS.		

14	1.9 Inner Paneling	8 to 9 mm ply (as per IS 5509) plus 1 mm laminate (pre laminated boards) should be screwed on the walls on the internal #Z# section / square tubes. All vertical and horizontal corners should be neatly finished with aluminum anodized heavy gauge aluminum angles and flats and the vertical joints of the panels should be mixed with decorative PVC bidding patties/ aluminum patties to match with the color of the panels to suit the aesthetic appearance. The internal paneling of the ceiling should be of 8 to 9 mm pre laminated boards with aluminum anodized bidding patties. The ceiling of the roof should be suspended from inside on suitable #Z# section/ angle framework.		
15	1.10.1 Doors:	Doors should be of (approx) 1981mm(h)X 1000mm(w) for main doors (external) with double palla, flush mounted double skin construction. The door should be open from outside. The external side should be clad with 2 mm GI Aluminum sheets or MS sheets and the internal side should be with plywood hot pressed and phenol bonded with laminated sheets similar to the interior finish. The external doors shall be with suitable L-drop and locks (hooks inside & outside) and rubber gaskets packing all around the door frame for complete weather proof. There shall one internal door (with one half MS wire grill) between tool room and store room as shown in the diagram with L-drop and hook. All doors should have 180 degree opening. Heavy duty pad lock should be provided with each door.		

16	1.10.2 Windows:	Windows of size (approx) 810mm (w)X 585 mm(h) should be made from high quality aluminum anodized extruded section of suitable size and should be of sliding type fitted with clear 5 mm glasses. Metallic mosquito nets should be provided on suitable framework and MS grills should also be provided. Number of windows should be as per our drawing (total 4 numbers). Suitable collapsible shed for rain protection should be provided for the windows at both end walls.		
17	1.10.3 Ventilators	Ventilation (of size approx 1000 mm x 300 mm) is to be provided at the top in two places as indicated in the layout diagram. Each ventilation is to be designed with louver arrangement and fine steel mosquito net to avoid ingress of water and insects.		
18	1.11 Racks	Two numbers of MS racks (heavy duty) to be fixed on either side of the house as shown in the layout diagram. Each rack shall be of two tiers to form three (including floor) compartments (storing surface). Upper two surfaces (compartments) are to be equally divided to form shelves, three on each compartment (total six). Ground or floor compartment need not to be divided. MS wire grill with hinge to be provided in each shelf (including the ground compartment) to prevent the materials from falling to ground. Sufficient support is to be provided to make the rack for heavy duty use. Support for the floor compartment should be removable type fixed with nut &		

		bolt. The rack frame should be made from 75mm MS angle. MS sheet of 3mm thickness should be used for constructing the shelves.		
19	1.12 Foldable Platform & foldable shed/canopy:	Two Foldable platforms at the front side of the external doors made of 6mm thick checkered plate to be provided as shown in the layout diagram. Length of each platform shall be 2 meter and width 0.7 meter. Fixing arrangement should be made to hold the same during transportation. Similarly foldable canopy/shed should be made above these platforms. Length of canopy shall be 2 meter and width 1 meter.		
20	1.13 Pre-treatment & Painting:	<p>All steel surfaces should be sand or shot blasted for degreasing and de-rusting followed by pre-treatment with anticorrosive chemicals including phosphating. Coating should be applied with red-oxide, zinc chromate, primer conforming to IS 2074. The internal and external surface of the house should be finally painted with two coats of corrosion resistant rubbers chlorinated marine paints or polyurethane paints.</p> <p>The under frame should be painted with bituminous paint of reputed make as per IS. The colour shade and grade will be decided at the time of inspection by representatives of OIL. Necessary marking/ logo should be provided as per the advice of OIL.</p>		
21	1.14 Specifications of Steel	<p>(i) Steel - Load bearing members IS 1079 / grade St 42 / JIS G 3125 SPA-H (SAIL/TATA/ESSAR)</p> <p>(ii) Structural Steel I Beams /</p>		

		<p>Rolled sections IS 2062 (SAIL/TATA/ESSAR)</p> <p>(iii) Side, End walls & Roof panels Corten-A / JIS G3125 SPA-H /SAILCOR/IRSM 41</p> <p>(iv) Square rectangular hollow sections IS 4923 (SAIL/TATA/ESSAR)</p> <p>Documentary evidence regarding the purchase of the above material is to be provided to OIL during the time of inspection.</p>		
22	1.15 Name Plate & labeling of the House:	<p>The writing of the name plate on each house should be as per following:</p> <p>a) "Oil India Ltd" with OIL logo, "Electrical Engg Department" & PO number should be written on a proper plate and should be fixed on front & back side of the house. The writings should be of proper size and good contrasting color so that it is visible from distance.</p> <p>b) Weight & dimensions of the house should be written on two diagonally opposite corners of the house near the lifting point.</p> <p>c) Lifting point should be properly marked.</p>		
23	1.16 Electricals:			
	1.16.1	<p>Electrical wiring for the house should be carried out as per CEA regulation 102(ii) (b) since this house is to be used in mining areas. Wiring should be suitable for 230 VAC Ph to Ph, 50Hz supply. Isolation should be double pole type for all the switches. Wiring system should be done in such a way that, it can be used for 230V AC Ph-Neutral system without any</p>		

		modification. An indicative electrical schematic diagram is provided in the attachment. The following electrical items shall be provided in the Store cum Tool house:		
	1.16.1 (a)	Main Switch & Plug-Socket: One 32 Amp SPN Main Switch, metallic enclosure with side handle shall be mounted outside the cabin. Additionally, one 32 amp, 5-pin plug socket should be provided for connection and disconnection of incomer cable. Make of switch socket # BCH, type DS. Both the main switch and plug socket should be provided with suitable shed for protection against rain & mechanical damage. The main switch should be suitable for 230V AC Ph to Ph system.		
	1.16.1 (b)	Distribution Box: One no., metallic body, 6 way MCB DB with 32 Amp Double Pole, 100 mA ELCB as incomer, 4 nos. 10 Amps MCB and 2 nos. 20 Amps MCB as outgoing shall be provided. All MCBs shall be 10 kA, C curve and double pole type. DB shall be complete with 32 Amps bus bars and shall be as per IP-21. All circuits shall be marked on DB with paint or metallic marker. The DB should be suitable for 230V AC Ph to Ph system.		
	1.16.1 (c)	Lights (fixed): Energy efficient LED downlighter (14 Watt each), surface mounted- 2 (two) nos. for store room and 2 (two) nos. for the Tool room shall be provided. Light fittings shall be ceiling mounted and arranged to provide optimal illumination. Model shall be approved by Electrical Engineering Deptt.		
	1.16.1 (d)	Lights (external): Bulkhead type		

		tube fitting, with metal grid protection # 2 Nos. This fitting should be fitted to the side (external) wall.		
	1.16.1 (e)	Wall Sockets (metal clad): 2 (two) nos. 20 Amps metal-clad socket with plugs at tool room with MCBs shall be provided at the tool room one for drill machine and other at the separation wall.		
	1.16.1 (f)	Wall Sockets (Bakelite): One switch board for lights & fans etc should be provided with switch sockets (3 pin 5 Amps) at convenient place. One additional 3 pin 5 Amps switch socket should be provided at one of the side wall of the Tool Room.		
	1.16.1 (g)	Fans: 1 (One) nos. of wall/ceiling mounted fan (400mm sweep) in the Tool room and 1 (one) no exhaust fan (300 mm sweep) shall be provided at the store room as indicated.		
	1.16.1 (h)	Wall/ceiling mounted fans shall have 400 mm sweep and be equipped with in-built speed regulator with OFF position. Model shall be approved by Electrical Engineering Deptt.		
	1.16.1 (i)	Earthing point: Two cabin earth points (on the skid or body, outside, diagonally opposite) shall be provided for final termination of earth wires for connection to earth electrodes outside the cabin.		
	1.16.1 (j)	Stand Electric Drill Machine: One stand Drill Machine electrically operated (230 v, 50 Hz) with drill bit size of ½ inch (min) should be provided with all accessories like drill chuck etc. in each bunk house.		
24	1.16.2 Specifications of Materials	All wiring from MCB DB to switchboards/ points/ sockets etc. shall be of metallic conduit.		

	(Electrical):			
	1.16.2 (a)	Conduit size and no. of wires in conduit shall be as per IS. Corners shall be rounded elbow type for ease of insertion of wires.		
	1.16.2 (b)	The wiring cable shall be PVC insulated, 1100 V grade, fire-retardant, multi-stranded flexible copper conductor .		
	1.16.2 (c)	All wires shall be colour coded as Red for Phase, Black for neutral and Green for earth. All wire ends in DB, Main Switch and Socket outlets shall have copper lugs .		
	1.16.2 (d)	All lights, fans and socket points shall be suitably wired with individual double isolation switches.		
	1.16.2 (e)	Earth points for socket outlets, fans etc. shall be individually wired with insulated wires to switchboards and then to MCBDB earth bus. MCBDB earth bus shall be connected to two earth points (welded studs) on the bunk house skid/metallic outside shell. No earth connection shall be made directly to any point of the metallic shell of the bunk house.		
	1.16.2 (f)	All switches and switch-sockets shall be flush type.		
25	1.16.3 Cable Sizes:	All cables shall be Fire-retardant, Low Smoke (FRLS), and of multi-stranded copper conductor, color coded (Red for phase, black for neutral, green for earth).		
	1.16.3 (i)	1.5 sq mm copper cable with insulated earth wire of 1.5 sq mm for point wiring.		

	1.16.3 (ii)	2.5 sq mm copper cable with 2.5 sq mm insulated earth wire for circuit wiring from DB to switchboard and 6/16 Switch Amp sockets.		
	1.16.3 (iii)	4.0 sq mm copper cable with 4.0 sq mm diameter insulated copper earth wire for power sockets.		
	1.16.3 (iv)	The main switch outgoing shall be wired to the DB with 10 sq mm (for phase, neutral and earth) PVC insulated, 1100 V grade, fire-retardant, multi-stranded flexible copper conductor.		
26	1.16.4	Following shall comprise the electrical scope of work:		
	1.16.4 (a)	Bidder shall submit electrical schematic with indicative bill of materials (BOM) along with quotation.		
	1.16.4 (b)	In case of order, the successful party has to submit detailed electrical drawings, bill of materials and specification of all electrical items/materials, light fittings, fans etc. before start of work. OIL shall make modifications/corrections (if any) in the drawings/BOM as deemed necessary. All modifications in the drawings, work plan and item description as required by OIL shall have to be agreed by the party. After making necessary amendment/corrections in the drawings/BOM as required by OIL, party shall re-submit the drawings for OIL's approval.		
	1.16.4 (c)	The electrification job shall start only after approval of drawings and samples of materials by OIL.		
	1.16.4 (d)	Entire electrical installation work has to be done by licensed electrician as per CEA Regulations		

		and NEC codes.		
	1.16.4 (e)	Inspection: OIL shall conduct inspections at various stages of work progress # inspection of wiring work before fixing of panels / inner walls, Final pre-dispatch inspection etc. If any other inspection is deemed necessary by either party, it shall be mutually agreed beforehand. Party shall notify OIL at least 15 (fifteen) days in advance before each inspection.		
	1.16.4 (f)	Test report of the entire electrical work as per CEA Regulations will have to be submitted to OIL after completion of the job.		
	1.16.4 (g)	The electrical work shall be treated as complete once installation, testing & commissioning of electrical works along with submission of valid test report for electrical works, #as installed# drawings & list of electrical items used and spares are accepted by OIL.		
	1.16.4 (h)	Guarantee Certificates of, Drill Machine, Cabin Fans etc shall be provided along with supply of materials.		
27	1.16.5	Special Note for Electricals of the house:		
	1.16.5 (a)	All electrical schematics, electrical drawings, make and model of electrical fittings have to be approved by Oil India Limited before assembly and manufacture of the house.		
	1.16.5 (b) Indicative makes of Electrical Items:	The electrical items used should have a proven track record of good performance. The indicative makes of electrical items are as follows: i) Main Switch : Havells / GE / BCH / Crompton ii) MCB DB : LeGrand / Havells /		

		<p>Merlin Gerin / Siemens/Schneider.</p> <p>iii) Lights: Philips / Compton Greaves / GE /Bajaj/ Havells.</p> <p>iv) LED Lights : Philips / Compton Greaves / GE /Bajaj/ Havells/Syska.</p> <p>v) Metal Clad Wall Plug & socket: Legrand / Merlin Gerin / Siemens.</p> <p>vi) Wall switches & socket (Bakelite) : Anchor (BIS marked)</p> <p>vii) Wall/ceiling mounted fan: Usha / Crompton Greaves / Bajaj / Orient.</p> <p>viii) Electric Stand Drill machine (min ½" drill bit): Ralliwolf (type WDH) / Bosch/Black & Decker</p> <p>ix) Wires & cables: Finolex / Havells.</p>		
28	1.17 Miscellaneous items:	The following items should be provided along with each house:		
	1.17 (a)	Steel Tool box approximate size 700mm(w)X500mm(d)X1200mm(h):1 No.		
	1.17 (b)	Heavy duty wooden tool (for sitting) for work bench : 2 nos.		
	1.17 (c)	Heavy duty wooden bench(4 feet length) for tool room. : 1 No		
	1.17 (d)	Bench vice at work bench , jaw size 6 inch, good quality : 1 No		
	1.17(e)	Force 4941 94PC 1/2" & 1/4" SOCKET SET & SCREWDRIVER BIT TORX RATCHET DRIVER CASE TOOL KIT-1 no.		
	1.17 (f)	One work bench (Heavy & removable) wooden top (A class wood), suitable sized should be provided in each bunk house for installing the Stand Drill machine and the bench vice. Suitable removable fixing arrangement should be made.		
	1.17 (g)	Hooks or rings should be provided at suitable places of the house (at floor, wall etc)for binding loose		

		spares etc.		
	1.17 (h)	Heavy duty lock & key for the doors : 3 nos		
	1.17 (i)	Curtain rods to be provided at doors and windows.		
29	1.18 Welding:	The containerized house should be of all welded steel construction using the latest method of MIG using CO2 argon as shield gas. All the external welding should be continuous, uniform and off full penetration carried out by certified welder.		
30	1.19 Handling:	<p>The bunk house to be capable of being handled without any strain or damage under the following conditions:</p> <p>a) Lifting of the unit by lifting slings and shackles directly from top corner lifting lug.</p> <p>b) Lifting and winching by attaching suitable shackle to the skid.</p> <p>c) During transportation from one site to another.</p>		
31	1.20 Ladder:	A ladder should be placed outside cabin for fixing up slings at top of the corner post.		
32	1.21 Provision for Area Lighting:	Foldable type poles, suitably size, should be provided in each corners for installation of area light. During transportation, the poles shall be in folded condition and the folded height of the pole must not exceed the roof height of the house.		
33	1.22 Submission of Drawings :	(Please refer to indicative drawings attached herewith)		
	1.22 (a) Drawing to be provided at the time of Bidding	<p>(i) Lay out diagram of the house showing various items/equipments with dimensions.</p> <p>(ii) Drawing of skid, base frame, main shell, roof , walls, ceiling and</p>		

		floor with dimensions of beams, MS sheet, insulation, paneling etc. (iii) Schematic Electrical diagram with BOM.		
	1.22 (b) Drawing to be provided by successful bidder for OIL approval before manufacture.	(i) Lay out diagram of the house showing various items/equipments with dimensions. (ii) Drawing of skid, base frame, main shell, roof, walls, ceiling and floor with dimensions of beams, MS sheet, insulation, paneling etc. (iii) Schematic Electrical diagram with BOM.		
34	1.23 Warranty/Guarantee:	The Tool cum Store room house including painting & all the bought out items, should have minimum onsite warranty of one year from the date of installation or 18 months from the date of receiving whichever is earlier. Bidder should confirm it along with quotation. The offer, taking exception to this will be rejected. This guarantee shall cover all items of the package, including (but not limited to) the skid, housing, all the internal components and any spares supplied. Any repairs / replacements required during this Warranty period shall be carried out by the successful bidder, on site, at no cost to Oil India.		
35	1.24 Inspection:	a) Stage Inspection The stage inspection of the packages of house shall be inspected at Manufacturer works by OIL representatives during construction of the skid and housing. b) Pre-dispatch inspection Final pre-dispatch inspection of the packages shall be carried out by OIL representatives at manufacturer's works. The complete packages shall be tested		

		<p>according to manufacturer's standard test procedures, to demonstrate conformance with all required specifications. Representatives from Oil India shall witness these tests, and record results thereof. Manufacturer should give inspection calls to Oil India at least 15 days in advance. All test reports, certificates, approvals etc. pertaining to the system should be furnished during final pre-dispatch inspection.</p> <p>This to be noted that, such inspection shall not relieve the supplier of his responsibility to ensure that, the equipments/systems supplied are free from all manufacturing and other defects and conforms to correct specifications & performances. However, inspection by OIL's representative will remain at its discretion. Boarding, lodging, transportation cost of such inspection for the OIL representative shall be borne by OIL.</p>		
36	1.25 Dispatch:	<p>The completed units shall be dispatched to Oil India's designated site at Duliajan, Assam, India. The units shall be sent from manufacturer's works fully fitted, and ready to be commissioned at well sites. The units should be packed suitably to avoid ingress of rain, moisture and dust; and to withstand the rigorous of travel, as well as storage before final placement.</p>		

Technical Bid Checklist**Annexure-EEE**

Tender No.			
Bidder's Name :			
		Compliance by Bidder	
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 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

ANNEXURE - GGG

**(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.