



OIL INDIA LIMITED
(A Government of India Enterprises)
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Assam (India)

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FORWARDING LETTER

Tender No. : SDI3653P20 DT: 28.01.2020

Tender Fee : NIL

Bid Security : Applicable

Bidding Type : SINGLE STAGE COMPOSITE BID SYSTEM

Bid Closing on : 26.03.2020 (11.00 HRS IST)

Bid Opening on : 26.03.2020 (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.

OIL invites Bids for **PROCUREMENT OF CREW CABIN (02 NOS WITH FLP FITTINGS & 02 NOS WITH NON FLP FITTINGS) – 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 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.

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 **GM- 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.

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.

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 01.03.2019)** ” available in the login Page of the OIL’s E-tender Portal.



Oil India Limited e-Procurement

User ID *

Password *

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NOTE:

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

Yours Faithfully

**Sd-
(NAYANMONI KAKATI)
SMM (IP)
FOR : CGM-MATERIALS (HOD)**

Tender No & Date: SDI3653P20 DT: 28.01.2020**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><u>1.0 Bidder's Qualification:</u></p> <p>The bidder shall be an Original Equipment Manufacturer (OEM) of the tendered items.</p> <p>2.0 Bidders Experience:</p> <p>The bidder shall have the experience of successful execution of purchase order(s)/ contract(s) for supplying 02 nos. of similar items to any Oil and Gas Industry and/or E&P company in the last 05 (five) years preceding the original bid closing date of this tender.</p> <p>Note: The term "Similar items" means "Skid Mounted Steel Tool room/ Store room/ Crew huts/ cabins / bunk houses/Drilling Rig Power Control Room".</p> <p><u>Note:</u> Documentary evidence in respect of the above should be submitted in the form of copies of relevant Purchase Order / Contract along with copies of any of the following 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>	

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

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.

3.0 Delivery Period:

Bidder should categorically confirm in the technical bid for delivery of the items within 06 months after receipt of formal order, failing which the offer will be rejected.

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 17.46 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. 69,850.00** 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. 30.09.2020)**

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.

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: Bidder should categorically confirm in the technical bid for delivery of the items within 06 months after receipt of formal order, failing which the offer will be rejected.

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 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.

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TECHNICAL SPECIFICATIONS WITH QUANTITY**Tender No & Date: SDI3653P20 DT: 28.01.2020**

	Complied / Not Complied. (Remarks if any)
<p><u>ITEM NO. 10</u></p> <p><u>PROCUREMENT OF CREW CABIN WITH FLP FITTINGS – QTY = 02 NOS.</u></p> <p><u>SCOPE OF WORK:</u></p> <p>The scope of work covers manufacture and supply of crew cabin having specified dimensions complete with insulation, paneling, electric fittings, furniture and other equipments to be provided as detailed below.</p> <p>1.0 General design & construction:</p> <p>1.1 Layout of the bunk house/crew hut: The crew cabin shall be portable modular design, and shall be provided with suitable lifting and handling facilities for deploying at any place for field personnel. The bunk house/crew hut shall comprise of two rooms. One room shall be for operator / crew, and the other room shall be store room with racks for materials on three walls. Throughout the front side of the bunk house there shall be a foldable verandah/corridor/platform with foldable weather shed/canopy, both with locking arrangement in folded position for convenience in transportation. The fabrication of the crew cabin should be of integral and all welded type, comprising of the skid, base frame, main shell framework, external & internal cladding with insulation and other peripherals like sloping self draining roof, desired doors and windows, etc.. The dimensions are indicated in the layout diagram.</p> <p>1.2 Main Shell framework:</p> <p>1.2.1 The main corner vertical support posts should be made of 91.0 mm x 91.0 mm x 5.0 mm HF SHS YST240. All the corner posts should be suitably extended at the top with hole which should be able to hold steel forged lifting hooks for loading & unloading.</p> <p>1.2.2 The top runner shall be made of 91.0 mm x 91.0 mm x 5.0 mm HF SHS YST240.</p> <p>1.2.3 The front / side / end wall frame shall be made of 60.0 mm x 60.0 mm x 4.0 mm HR SHS YST240.</p> <p>1.2.4. The roof frame (truss & purlin) shall be made of 49.5 mm x 49.5 mm x 3.6 mm HF SHS YST240.</p> <p>1.2.5 The top/ceiling frame shall be made of 38.0 mm x 38.0 mm x 3.2 mm HF SHS YST240, and all cross joints should be supported by gusset plates.</p> <p>1.3 Base / Bottom Frame: The main base / bottom frame shall be fabricated and welded out of Hot Rolled Structural Steel Channels of specification ISMC 125 mm x 65 mm x 5.3 mm Grade E250 A and all the inter connecting cross members shall also be of same specification steel channels duly welded lengthwise & breadth wise maintaining conveniently equal distance.</p>	

1.4 Skid:

The base / bottom frame of the cabin is to be mounted on the skid consisting of 3 (three) nos. of Hot Rolled Structural Steel Beams of specification ISMB 200 mm x 100 mm Grade E250 A. The beams should be placed at equal distance and connected with same size beam at 2000 mm apart. Base frame and skid should be made in such a way that no foundation is needed for placement of cabin. At both ends of the skid, steel pipe of size 125 mm (5") NB, Schedule 80 (141.3 mm OD X 9.53 mm thk) should be inserted & welded properly. Also, 200 mm dia x 10 mm thk MS plates should be welded properly at ends of the end pipes as stopper for sling used while loading / unloading.

1.5 Verandah/Corridor/Platform:

Cabin front should have 900 mm wide Foldable Verandah / Corridor / Platform throughout the cabin length. The verandah frame shall be made of Hot Rolled Structural Steel channel of specification ISMC 100 mm x 50 mm x 5.0 mm Grade YST240. This foldable platform should be in 02 (two) parts and have suitable locking arrangement in folding position, for convenience during transportation.

1.6 Flooring:

The entire flooring of Crew Room and Store Room shall be of MS chequered plate 6 mm thick, welded lengthwise and breadth wise properly with the base frame of the Skid. Verandah/Corridor/Platform area flooring also shall be of MS chequered plate 6 mm thick.

1.7 Side and End Walls:

The exterior cladding of the cabin shell shall be of vertical corrugated mild steel sheet. The Corrugated steel sheet should be made of Hot Rolled Mild Steel Sheet 3 mm thick, and should be welded properly to the bottom frame, corner posts, top frame and roof frame. All gaps should be sealed at edges and at seams, bottom sills to prevent ingress of insects, moisture etc.

1.8 Roof:

The roof should be of sloping type from the centre towards the walls for efficient drain of rainwater. The roof should be made of Hot Rolled Mild Steel Sheet 3 mm thick

1.9 Insulation:

75 MM thick resin bonded mineral glass wool of 2 LBS / CFT density confirming to IS 8183 should be filled in voids within the external wall and inner walls, end walls, roof with special weather proof adhesives. This glass wool slab should help in reduction in heat transmission up to 64% and should be 100% inorganic asbestos free, non-toxic and non-flammable, non-hygroscopic & vermin proof. The Side walls / end walls insulation is required only for the Crew Room and not required for the Store Room. However, the roof insulation is required in the Store Room also.

1.10 Inner Paneling:

12 MM ply wood boards as per IS 5509 manufactured by reputed manufacturer namely Kitply, Greenply, ITC or equivalent. plus 1 mm decorative laminate (Pre laminated boards) should be screwed on the side wall on the internal 'Z' sections / square tubes. All vertical & horizontal corners should be neatly finished with aluminum anodized heavy gauge aluminum angles & flats and the vertical joints of the panels should be fixed with decorative PVC bidding patties / aluminum patties to match with the colour of panels for better aesthetic appearance. The internal paneling of the roof should be of 6 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. The inner paneling is required only for the Crew Room and not required for the Store Room.

1.11 Doors:

1 no. Door each in Crew Room & Store Room of size 1900 mm (H) x 900 mm (W). The door should be open to inside. The vertical door-frame should be made of Hot Formed Square Hollow Section of specification 60.0 mm x 60.0 mm x 4.0 mm HF SHS YST240 welded between the base frame and the roof structure. The main door panel shall be made of MS Angle of size 40.0 mm x 40.0 mm x 5.0 mm & flat bar of size 40 mm x 5.0 mm as cross members with MS sheet 3 mm thk. Doors should have the provision of locking arrangement externally. Pelmet/Curtain Brackets and rods should be provided in the door of Crew Room.

1.12 Windows :

4 nos. 2 panel Windows of size 1200 mm (H) X 1200 mm (W) shall be provided as per drawing with frame made out of MS Angle of size 25.0 mm x 25.0 mm x 5.0 mm and MS sheet 3 mm thk. Anti-pilferage MS decorative grills should be provided in all the windows. Pelmet/Curtain Brackets and rods should be provided in all the Windows.

1.13 Weather Sheds:

1.13.1 Foldable Weather Sheds of 750 mm width & 1500 mm length shall be provided for windows on side and back. The weather shed should be made of structural frame of Cold Formed Square Hollow Section of specification 25.0 mm x 25.0 mm x 2.6 mm CF SHS and MS sheets 2 mm thick.

1.13.2 Foldable Weather Sheds of 1000 mm width & 6000 mm length shall be provided for doors & windows on front. The weather shed should be made of structural frame of Hot Formed Square Hollow Section of specification 38.0 mm x 38.0 mm x 3.2 mm HF SHS YST240, with cross members Cold Formed Square Hollow Section of specification 25.0 mm x 25.0 mm x 2.6 mm CF SHS and MS sheets 2 mm thick.

1.13.3 All Weather sheds should have suitable hook and tie/stay rod to hold them in unfolded position properly, for conveniently opening the doors & windows and protection from rain.

1.14 Ladder:

A ladder should be placed outside cabin as shown in drawing for fixing up slings at top of the corner.

2.0 Specifications of Steel:

- (i) Side & End walls, Roof, Doors & Windows, and Sheds : IS 1079 (Hot Rolled Carbon Steel Sheet and Strip- Specification) (SAIL/TATA/ESSAR/JINDAL)
- (ii) Floor : IS 3502 :2009 (Steel Chequered plate) (SAIL/TATA/ESSAR/JINDAL)
- (iii) Beams / Channels : IS 2062:2011 (Hot Rolled Medium & High Tensile Structural Steel - Specification) & IS 808 :1989 (dimensions for hot rolled steel beam, column, channel and angle sections) (SAIL/TATA/ESSAR/JINDAL)
- (iv) Structural Rectangular / Square Hollow sections: IS 4923:1997 (Hollow steel sections for structural use) (SAIL/TATA/ESSAR/JINDAL).

(v) Structural Tubes : IS 1161:2014 (Steel Tubes for Structural Purpose) (SAIL/TATA/ESSAR/JINDAL)

(vi) End Pipe for Skid : ASME/ANSI B36.10M (Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless)

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

3.0 Surface Preparation & Painting:

3.1 Surface preparation :- The surface preparation for all steel surfaces should be pre-treated by sand or shot blasting the surface for degreasing and de-rusting followed by painting as detailed below:

3.2 Under structure / base frame :- Zinc rich epoxy primer 25-30 microns DFT followed by bituminous coating minimum 200 DFT of reputed make

3.3 Interior :- Zinc rich epoxy primer 25-30 microns followed by High build epoxy polyamide coating 50 microns DFT

3.4 Exterior:- Zinc rich epoxy primer 25-30 microns DFT followed by High build cured epoxy resin coating 50 microns DFT followed by Acrylic aliphatic polyurethane coating 50 microns DFT .

3.5 The colour shades shall be grey.

4.0 Marking & Letter writing:

4.1 User Department's Name and OIL logo shall be painted on the front side of each crew cabin, details of which will be confirmed during inspection. 4.2 OIL's Purchased order no., Manufacturer's name, serial no for identification and Approx Weight of Cabin should be weld written on each cabin.

5.0 Seating & Storage Arrangement

5.1 1 no. of desk of size 2000mm(L) x 600mm(B) x 750mm(H) and 2 nos. of bench of size 2000mm(L) x 500mm(B) x 450mm(H) shall be provided at the Crew Room. The desk frame should be made of 60.0 mm x 60.0 mm x 4.0 mm HR SHS YST240 and bench frame should be made of 49.5 mm x 49.5 mm x 3.6 mm HF SHS YST240. Desk and bench top should be made out of timber plank 35 mm Thk, smooth finished & without any gap in joint between, and fixed to the frames suitably for extreme rough conditions. The legs of table and bench should be fitted/bolted on the floor.

5.2 Store room shall have 3 nos of shelves rack of 500 mm width for storing heavy spares /tools and Crew room shall have 1 no. overhead shelf of 400 width in the crew cabin (as per drawing).

5.3 8 nos. of hooks should be provided in crew room for crew members to hang their bags/ belongings.

6.0 Furniture:

Furniture should be supplied as per following.

6.1 2 nos. Steel Personnel Locker having 6 shelves and Gordian Lock of Make Godrej / Methodex shall be provided in the Crew Room. The lockers shall be fixed on the floor & wall with suitable clamp/ bolts.

6.2 1 no. water filter (candle type) of capacity minimum 20 litres should be supplied along with a stand. Stand should be fixed on one side of crew room and the location to be confirmed during the course of routine inspection. Make - MILTON or equivalent.

7.0 Welding:

The containerized crew cabin should be of all welded steel construction using Shielded Metal Arc Welding (SMAW) using Electrode.

8.0 Handling facility:

The crew cabin shall have arrangement for handling without any strain or damage under the following condition:

8.1 Lifting of the unit by crane using lifting slings; separate lifting provisions should be kept on both bottom and top of the unit so that the same can be lifted by using wire ropes slings from any one of the above provisions.

8.2 To avoid any outside surface damage cause by the wire rope slings while lifting, 50 mm angle should be welded all the four sides of the crew cabin 50 mm below the top.

9.0 Electrical System:

As the crew cabin may be used within Hazardous Zone demarcated areas of mines, the electrical fittings and accessories used in the cabin shall be flameproof and weatherproof, suitable for use in Zone 1 and Zone 2 Hazardous areas of oil mines, Gas groups IIA and IIB. The following electrical items shall be provided in the Crew Room and Store Room:

9.1 Main Switch:

Six (6) nos. flameproof/weatherproof ON/OFF switch to be used as Main Isolation Switch, 10A, DP, type Ex-d. Model similar to Type FSW 1134 of Baliga make. The Entry hole should suitable for 2 Nos. ¾" ET FLP double compression cable glands. Switches to be fixed as per schematic given in Annexure-E1. One switch will be mounted outside the cabin and a rain shed will be provided above it.

9.2 Junction Box: Two nos. flameproof junction boxes, one each in crew room and store room, 4 Way, with 8 nos. TB, type Ex-d. The Entry holes should be suitable for ¾" ET FLP double compression cable gland. Model similar to Type FPJ 414 of Baliga make.

9.3 Light Fittings:

Three nos. flameproof fluorescent luminaire, type Ex-d, suitable for 1x 36 W/1x 40 W fluorescent tubes shall be provided - 2 (two) nos. for the crew room & 1 (one) no. for the store room. Light fittings shall be ceiling mounted and arranged to provide optimal illumination. Fittings shall be provided with tubes. The Entry holes should be suitable for ¾" ET FLP double compression cable gland. Model similar to Type EPFL 140 of Baliga make.

9.4 Fan :

Two nos. Wall Mounted Flameproof Fan, type Ex-d, 60W to 100W, single phase 250V AC, 50Hz, shall be provided in the crew room at an appropriate places. Suggested Model similar to type FLP-RH-EXF-2005 of Flameproof Equipment Pvt. Ltd. make. The Entry holes should be suitable for ¾" ET FLP double compression cable gland. The size of the fans shall be within a range of 400- 450 mm (16"-18") sweep.

9.5 Earth Point:

Two cabin earth points (on the skid or body, outside) shall be provided for final termination of earth wires.

10.0 Specifications of Materials (Electrical):

10.1 Cable:

All cabling from main switch to junction box, junction box to switches, switches to light fittings/fan etc. shall be EPR/PVC insulated armoured/screened multi-stranded 3/4 core flexible copper cable. Cables shall be fixed on wall/roof with the help of adequate size MS/galvanized saddles, spaced at sufficient intervals (max. interval 500 mm). All cores shall be colour coded as Red for Phase, Black for neutral and Green for earth. All wire ends shall have copper lugs of Dowell's. Cable make: Necab / CCI / Polycab / Incab / RPG/Havells/Finolex.

10.2 Cable glands:

All cables shall be terminated to junction box/light fittings/fans/switch through proper sized double compression Ni-CD coated brass/SS cable glands. Party shall submit samples of gland beforehand and obtain approval for the same.

10.3 Earthing:

All light fittings and fans, junction boxes, on/off switches shall be earthed through the green earth core of the cable. All earth cores shall be looped and finally brought to the main isolation switch. From the main isolation switch, 2 nos. 8 or 10 SWG GI wire earth conductors shall be routed to the cabin skid earth points and fastened with GI fasteners.

10.4 Mounting arrangement:

As the flameproof light fittings and fans are quite heavy, suitable mounting arrangement with MS frame/other provision shall be made so that the fans and light fittings are properly secured during operation and during transportation.

10.5 Make of Flameproof item:

All Flameproof item shall be of the following makes:

FCG Flameproof Control Gear Pvt. Ltd. /Baliga/ Flameproof Equipment Pvt. Ltd. / other reputed brands having test certificate from an Indian Government Laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body, which is not a part of manufacturer's facilities, confirming its suitability for use in Zone 1 and Zone 2 Hazardous areas of oil mines, Gas groups IIA and IIB.

11.0 Scope of work (Electrical):

11.1 Bidder shall submit electrical schematic in line with Annexure-E1 with indicative bill of materials along with quotation.

11.2 In case of order placement, the successful party has to submit detailed electrical drawings, bill of materials and specification of all materials, light fittings, fans etc., Test certificate of all electrical equipments for suitability for use in Zone -1 and Gas Group IIA and IIB hazardous area at least 30 (thirty) days before start of work. All modifications in the work plan and item description as required by OIL shall have to be agreed by the party. The bidder shall explicitly confirm to this clause in their offer.

11.3 The electrification job shall start only after approval of documents, drawings and

<p>sample of materials by OIL Electrical Department in writing.</p> <p>11.5 Entire electrical installation work has to be done by licensed electrician as per CEA Regulations and NEC codes. The bidder will submit the copy of the valid licenses of their work persons to OIL before start of the work.</p> <p>11.6 Party shall notify OIL for inspection of electrical work at least 15 (fifteen) days in advance.</p> <p>11.7 The electrical work shall be treated as complete once installation, testing & commissioning of electrical works are accepted by Head-Electrical and submission of test report for electrical works, as installed drawings & list of electrical items used, spares for lighting system by the party.</p> <p>11.8 Guarantee Certificates of Fans shall be provided along with supply of materials.</p>	
<p><u>ITEM NO. 20</u></p> <p><u>PROCUREMENT OF CREW CABIN WITH NON-FLP FITTINGS – QTY = 02 NOS</u></p> <p><u>SCOPE OF WORK:</u></p> <p>The scope of work covers manufacture and supply of crew cabin having specified dimensions complete with insulation, paneling, electric fittings, furniture and other equipments to be provided as detailed below.</p> <p>1.0 General design & construction:</p> <p>1.1 Layout of the bunk house/crew hut: The crew cabin shall be portable modular design, and shall be provided with suitable lifting and handling facilities for deploying at any place for field personnel. The bunk house/crew hut shall comprise of two rooms. One room shall be for operator / crew, and the other room shall be store room with racks for materials on three walls. Throughout the front side of the bunk house there shall be a foldable verandah/corridor/platform with foldable weather shed/canopy, both with locking arrangement in folded position for convenience in transportation. The fabrication of the crew cabin should be of integral and all welded type, comprising of the skid, base frame, main shell framework, external & internal cladding with insulation and other peripherals like sloping self draining roof, desired doors and windows, etc.. The dimensions are indicated in the layout diagram.</p> <p>1.2 Main Shell framework:</p> <p>1.2.1 The main corner vertical support posts should be made of 91.0 mm x 91.0 mm x 5.0 mm HF SHS YST240. All the corner posts should be suitably extended at the top with hole which should be able to hold steel forged lifting hooks for loading & unloading.</p> <p>1.2.2 The top runner shall be made of 91.0 mm x 91.0 mm x 5.0 mm HF SHS YST240.</p> <p>1.2.3 The front / side / end wall frame shall be made of 60.0 mm x 60.0 mm x 4.0 mm HR SHS YST240.</p> <p>1.2.4. The roof frame (truss & purlin) shall be made of 49.5 mm x 49.5 mm x 3.6 mm HF SHS YST240.</p> <p>1.2.5 The top/ceiling frame shall be made of 38.0 mm x 38.0 mm x 3.2 mm HF SHS</p>	

YST240, and all cross joints should be supported by gusset plates.

1.3 Base / Bottom Frame:

The main base / bottom frame shall be fabricated and welded out of Hot Rolled Structural Steel Channels of specification ISMC 125 mm x 65 mm x 5.3 mm Grade E250 A and all the inter connecting cross members shall also be of same specification steel channels duly welded lengthwise & breadth wise maintaining conveniently equal distance.

1.4 Skid:

The base / bottom frame of the cabin is to be mounted on the skid consisting of 3 (three) nos. of Hot Rolled Structural Steel Beams of specification ISMB 200 mm x 100 mm Grade E250 A. The beams should be placed at equal distance and connected with same size beam at 2000 mm apart. Base frame and skid should be made in such a way that no foundation is needed for placement of cabin. At both ends of the skid, steel pipe of size 125 mm (5") NB, Schedule 80 (141.3 mm OD X 9.53 mm thk) should be inserted & welded properly. Also, 200 mm dia x 10 mm thk MS plates should be welded properly at ends of the end pipes as stopper for sling used while loading / unloading.

1.5 Verandah/Corridor/Platform:

Cabin front should have 900 mm wide Foldable Verandah / Corridor / Platform throughout the cabin length. The verandah frame shall be made of Hot Rolled Structural Steel channel of specification ISMC 100 mm x 50 mm x 5.0 mm Grade YST240. This foldable platform should be in 02 (two) parts and have suitable locking arrangement in folding position, for convenience during transportation.

1.6 Flooring:

The entire flooring of Crew Room and Store Room shall be of MS chequered plate 6 mm thick, welded lengthwise and breadth wise properly with the base frame of the Skid. Verandah/Corridor/Platform area flooring also shall be of MS chequered plate 6 mm thick.

1.7 Side and End Walls:

The exterior cladding of the cabin shell shall be of vertical corrugated mild steel sheet. The Corrugated steel sheet should be made of Hot Rolled Mild Steel Sheet 3 mm thick, and should be welded properly to the bottom frame, corner posts, top frame and roof frame. All gaps should be sealed at edges and at seams, bottom sills to prevent ingress of insects, moisture etc.

1.8 Roof:

The roof should be of sloping type from the centre towards the walls for efficient drain of rainwater. The roof should be made of Hot Rolled Mild Steel Sheet 3 mm thick

1.9 Insulation:

75 MM thick resin bonded mineral glass wool of 2 LBS / CFT density confirming to IS 8183 should be filled in voids within the external wall and inner walls, end walls, roof with special weather proof adhesives. This glass wool slab should help in reduction in heat transmission up to 64% and should be 100% inorganic asbestos free, non-toxic and non-flammable, non-hygroscopic & vermin proof. The Side walls / end walls insulation is required only for the Crew Room and not required for the Store Room. However, the roof insulation is required in the Store Room also.

<p>1.10 Inner Paneling: 12 MM ply wood boards as per IS 5509 manufactured by reputed manufacturer namely Kitply, Greenply, ITC or equivalent. plus 1 mm decorative laminate (Pre laminated boards) should be screwed on the side wall on the internal 'Z' sections / square tubes. All vertical & horizontal corners should be neatly finished with aluminum anodized heavy gauge aluminum angles & flats and the vertical joints of the panels should be fixed with decorative PVC bidding patties / aluminum patties to match with the colour of panels for better aesthetic appearance. The internal paneling of the roof should be of 6 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. The inner paneling is required only for the Crew Room and not required for the Store Room.</p> <p>1.11 Doors: 1 no. Door each in Crew Room & Store Room of size 1900 mm (H) x 900 mm (W). The door should be open to inside. The vertical door-frame should be made of Hot Formed Square Hollow Section of specification 60.0 mm x 60.0 mm x 4.0 mm HF SHS YST240 welded between the base frame and the roof structure. The main door panel shall be made of MS Angle of size 40.0 mm x 40.0 mm x 5.0 mm & flat bar of size 40 mm x 5.0 mm as cross members with MS sheet 3 mm thk. Doors should have the provision of locking arrangement externally. Pellets/Curtain Brackets and rods should be provided in the door of Crew Room.</p> <p>1.12 Windows : 4 nos. 2 panel Windows of size 1200 mm (H) X 1200 mm (W) shall be provided as per drawing with frame made out of MS Angle of size 25.0 mm x 25.0 mm x 5.0 mm and MS sheet 3 mm thk. Anti-pilferage MS decorative grills should be provided in all the windows. Pellets/Curtain Brackets and rods should be provided in all the Windows.</p> <p>1.13 Weather Sheds:</p> <p>1.13.1 Foldable Weather Sheds of 750 mm width & 1500 mm length shall be provided for windows on side and back. The weather shed should be made of structural frame of Cold Formed Square Hollow Section of specification 25.0 mm x 25.0 mm x 2.6 mm CF SHS and MS sheets 2 mm thick.</p> <p>1.13.2 Foldable Weather Sheds of 1000 mm width & 6000 mm length shall be provided for doors & windows on front. The weather shed should be made of structural frame of Hot Formed Square Hollow Section of specification 38.0 mm x 38.0 mm x 3.2 mm HF SHS YST240, with cross members Cold Formed Square Hollow Section of specification 25.0 mm x 25.0 mm x 2.6 mm CF SHS and MS sheets 2 mm thick.</p> <p>1.13.3 All Weather sheds should have suitable hook and tie/stay rod to hold them in unfolded position properly, for conveniently opening the doors & windows and protection from rain.</p> <p>1.14 Ladder: A ladder should be placed outside cabin as shown in drawing for fixing up slings at top of the corner.</p> <p>2.0 Specifications of Steel:</p>	
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- (i) Side & End walls, Roof, Doors & Windows, and Sheds : IS 1079 (Hot Rolled Carbon Steel Sheet and Strip- Specification) (SAIL/TATA/ESSAR/JINDAL)
- (ii) Floor : IS 3502 :2009 (Steel Chequered plate) (SAIL/TATA/ESSAR/JINDAL)
- (iii) Beams / Channels : IS 2062:2011 (Hot Rolled Medium & High Tensile Structural Steel - Specification) & IS 808 :1989 (dimensions for hot rolled steel beam, column, channel and angle sections) (SAIL/TATA/ESSAR/JINDAL)
- (iv) Structural Rectangular / Square Hollow sections: IS 4923:1997 (Hollow steel sections for structural use) (SAIL/TATA/ESSAR/JINDAL).

(v) Structural Tubes : IS 1161:2014 (Steel Tubes for Structural Purpose) (SAIL/TATA/ESSAR/JINDAL)

(vi) End Pipe for Skid : ASME/ANSI B36.10M (Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless)

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

3.0 Surface Preparation & Painting:

3.1 Surface preparation :- The surface preparation for all steel surfaces should be pre-treated by sand or shot blasting the surface for degreasing and de-rusting followed by painting as detailed below:

3.2 Under structure / base frame :- Zinc rich epoxy primer 25-30 microns DFT followed by bituminous coating minimum 200 DFT of reputed make

3.3 Interior :- Zinc rich epoxy primer 25-30 microns followed by High build epoxy polyamide coating 50 microns DFT

3.4 Exterior:- Zinc rich epoxy primer 25-30 microns DFT followed by High build cured epoxy resin coating 50 microns DFT followed by Acrylic aliphatic polyurethane coating 50 microns DFT .

3.5 The colour shades shall be grey.

4.0 Marking & Letter writing:

4.1 User Department's Name and OIL logo shall be painted on the front side of each crew cabin, details of which will be confirmed during inspection. 4.2 OIL's Purchased order no., Manufacturer's name, serial no for identification and Approx Weight of Cabin should be weld written on each cabin.

5.0 Seating & Storage Arrangement

5.1 1 no. of desk of size 2000mm(L) x 600mm(B) x 750mm(H) and 2 nos. of bench of size 2000mm(L) x 500mm(B) x 450mm(H) shall be provided at the Crew Room. The desk frame should be made of 60.0 mm x 60.0 mm x 4.0 mm HR SHS YST240 and bench frame should be made of 49.5 mm x 49.5 mm x 3.6 mm HF SHS YST240. Desk and bench top should be made out of timber plank 35 mm Thk, smooth finished & without any gap in joint between, and fixed to the frames suitably for extreme rough conditions. The legs of table and bench should be fitted/bolted on the floor.

5.2 Store room shall have 3 nos of shelves rack of 500 mm width for storing heavy spares /tools and Crew room shall have 1 no. overhead shelf of 400 width in the crew cabin (as per drawing).

5.3 8 nos. of hooks should be provided in crew room for crew members to hang their bags/

<p>belongings.</p> <p>6.0 Furniture: Furniture should be supplied as per following.</p> <p>6.1 2 nos. Steel Personnel Locker having 6 shelves and Gordian Lock of Make Godrej / Methodex shall be provided in the Crew Room. The lockers shall be fixed on the floor & wall with suitable clamp/ bolts.</p> <p>6.2 1 no. water filter (candle type) of capacity minimum 20 litres should be supplied along with a stand. Stand should be fixed on one side of crew room and the location to be confirmed during the course of routine inspection. Make - MILTON or equivalent.</p> <p>7.0 Welding: The containerized crew cabin should be of all welded steel construction using Shielded Metal Arc Welding (SMAW) using Electrode.</p> <p>8.0 Handling facility: The crew cabin shall have arrangement for handling without any strain or damage under the following condition:</p> <p>8.1 Lifting of the unit by crane using lifting slings; separate lifting provisions should be kept on both bottom and top of the unit so that the same can be lifted by using wire ropes slings from any one of the above provisions.</p> <p>8.2 To avoid any outside surface damage cause by the wire rope slings while lifting, 50 mm angle should be welded all the four sides of the crew cabin 50 mm below the top.</p> <p>9.0 Electrical System: The following electrical items shall be provided in the Bunk House:</p> <p>9.1.1 One no. 63 amp SPN Main Switch, metallic enclosure with side handle shall be mounted outside the cabin, provided with suitable shed for protection against rain. Make: Havells / GE /BCH/Siemens/Legrand/Schneider/ABB. The main switch shall be provided with suitable shed for protection against rain & mechanical damage.</p> <p>9.1.2 One no. 12 way SPN MCB DB with 63 Amp, 100 mA ELCB as incomer, 8 nos. 6 amps MCB and 4 nos. 20 amps MCB as outgoing shall be provided inside the cabin. All MCBs shall be 10 kA, C curve. DB shall be complete with 63 amps bus bars and shall be as per IP-21. All circuits shall be marked on DB with paint or metallic marker. MCB DB Make: Legrand / Merlin Gerin / Siemens./Schneider/ABB</p> <p>9.1.3 Following lighting arrangement to be provided inside the cabin: Make: Philips/ Crompton Greaves/GE/ Bajaj/Havells / Syska</p> <p>(i) 03 Nos. Decorative LED Battens (Tube Light), Specification: 20 W, CRI > 80, CCT > 5000K, Lumen output > 1900.</p> <p>(ii) 02 Nos. Decorative LED Battens (Tube Light) Specification: 10 W, CRI > 80, CCT > 5000K, Lumen output > 1900.</p> <p>(iii) 02 Nos. Bed side decorative LED reading lamps.</p> <p>9.1.4 Switch Socket:</p> <p>(i) 06 nos. 15/5 amps switch (5 Pin) sockets distributed in 04 Nos. different wall/location/</p>	
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switchboard shall be provided in the bunk house. Make: Legrand / Merlin Gerin / Siemens / L&T / Havells.

(ii) 1 (one) No. 20 amps metal-clad socket shall be provided in bunk house. The socket shall be mounted in metallic enclosures and have suitably rated MCBs as switches. Matching plugs for the sockets should also be provided. Make: Legrand / Merlin Gerin / Siemens / L&T / Havells.

Each cabin should have one switch board for lights & fans. Individual Switches shall be provided for each electrical fittings. Switchboard power supply shall be provided from individual MCB of the DB

9.1.5 Fans: 4 (four) nos. of wall mounted fans in each cabin shall be provided. Wall mounted fans shall have 400 mm sweep and be equipped with in-built speed regulator with OFF position. Make: Usha / Compton Greaves / Bajaj / Orient. Model: Mist Air Ultra / Mist Air ZX (Usha) / Bajaj Midea BW-01-12.

9.1.6 Two cabin earth points (on the skid or body, outside) shall be provided diagonally for final termination of earth wires.

9.1.7 Two no. earth electrode and 25 mm x 6 mm GI straps to be provided for earthing purpose. The earthing scheme shall be as per IS 3043.

10.0 SPECIFICATIONS OF MATERIALS (ELECTRICAL):

10.1 All wiring from MCB DB to switchboards/ points/ sockets etc. shall be concealed type inside the paneling, running through PVC conduit.

10.2 Medium grade, ISI approved, FR PVC conduits shall be used for wiring. 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. Make: AKG / PLAZA / Finolex / Presto plast.

4.2.3 The wiring cable shall be PVC insulated, 1100 V grade, fire-retardant Low Smoke (FRLS), multi-stranded flexible copper conductor and approved by ISI, Fire Insurance Authority & Tariff Advisory Committee.

10.4 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. Make: Finolex / Havells / Polycab.

10.5 All points shall have individual switches and independent neutral wire. Separate switchboards shall be provided for crew room, store room & workshop / battery room. All light and fan points shall be suitably distributed in the switchboards with individual switches. In addition, each switchboard shall be provided with at least one no. switch-socket. For ease of operation, minimum 3 nos. switch boards shall be provided in the crew room. One switch board shall be provided nearer to PC Table. Switchboards shall be made of 1.6 mm thick MS boxes having 3.0 mm thick white coloured, ISI approved Hylam sheet.

10.6 CABLE SIZES:

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

(ii) 2.5 sq. mm copper cable with 2.5 sq. mm earth wire for circuit wiring from DB to

<p>switchboard and 5 Amp sockets.</p> <p>(iii) 4.0 sq. mm cable with 4.0 sq. mm diameter bare copper earth wire for power sockets.</p> <p>(iv) The main switch outgoing shall be wired to the DB with 10 sq mm 3 core(for phase, neutral and earth) PVC insulated, 1100 V grade, fire-retardant, multi-stranded flexible copper conductor and approved by ISI, Fire Insurance Authority & Tariff Advisory Committee.</p> <p>10.7 The following shall comprise the electrical scope of work:</p> <p>10.7.1) Bidder shall submit electrical schematic with earthing scheme & indicative bill of materials along with quotation.</p> <p>10.7.2) In case of order, the successful party has to submit detailed electrical drawings, bill of materials and specification of all materials, light fittings, fans, AC etc. at least 30 (thirty) days before start of work. All modifications in the work plan and item description as required by OIL shall have to be agreed by the party. The bidder shall explicitly agree to this clause in their offer.</p> <p>10.7.3) The electrification job shall start only after approval of drawings and sample of material by OIL's Electrical Dept. in writing.</p> <p>10.7.4) Entire electrical installation work has to be done by licensed electrician as per IE Rules and NEC codes. Party will submit the copy of the valid licenses of their work persons to OIL before start of the work.</p> <p>10.7.5) Party shall notify OIL for inspection of wiring work before fixing of panels, at least 15 (fifteen) days in advance.</p> <p>10.7.6) Test report of the entire electrical work as per IE Rules will have to be submitted to OIL after completion of the job.</p> <p>10.7.7) The electrical work shall be treated as complete once installation, testing & commissioning of electrical works are accepted by Electrical Dept. of OIL and submission of test report for electrical works, as built electrical drawings & list of electrical items used by the party.</p>	
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SPECIAL NOTES

1. The successful bidder shall make final drawings of the cabin with constructional details to meet OIL's specifications / requirements and shall submit the same for OIL's approval on placement of firm order. Final drawings should also indicate the approx. weight of each Cabin OIL will communicate the approval along with any changes/ modification, if required. The Bunk Houses are to be constructed as per the final drawing submitted for each of the items after placement of order (based on drawing enclosed herewith) and approved by OIL. Bidder to confirm compliance.

2. Bidder is to submit electrical drawings for both types of bunkhouses (with FLP fittings and non-FLP Electrical fittings), based on specimen drawing enclosed herewith along with the offer. The Electrical wiring scheme for FLP bunk house is attached, however for non FLP bunk house scheme shall be submitted by the bidders along with their offer.

3. Purchased order no. should be weld written on each bunk house.

4. User Department's Name and OIL logo should be written on each bunk house which will be confirmed during inspection.

5. Minor change in the specification may be done during the course of fabrication of bunk house.. However, for such change prior approval from OIL has to be taken in writing. Bidder to confirm the same in their offer.

6. All the electrical fittings should be tested by competent persons holding valid electrical license. Necessary electrical test certificate duly signed by competent person holding valid electrical license and schematic diagram of wiring should be submitted along with Engineer Hut. Bidder to confirm the same while quoting.

7. Bidder should have the required machinery, manpower and resources for undertaking the fabrication of crew cabins, viz welding, painting, pressing of sheets (corrugation) etc.

8. All furniture should be of executive classes as specified. Bidder should forward catalogue, drawing (with specification) of all items along with the quotation.

9. Bidders are advised to ensure full compliance with all the requirements and to confirm the same in their offer, to avoid any post tender clarifications.

10. Unsolicited post tender clarifications / modifications will lead to the rejection of the bid. However, in case any clarifications sought by the Company, the bidder should submit the replies restricting only to the clarification sought and within the specified timeframe

11. Any variation or non-conformity to the tender specification should be clearly mentioned in the proforma given in the Tender. Deviation taken elsewhere in the offer will not be given cognizance.

12. The bidder shall confirm that the goods, materials to be supplied shall be new, of recent make, of the best quality & workmanship. The bidder shall confirm that the materials shall be guaranteed for a period of 18 months from the date of dispatch or 12 months from the date of receipt at destination, whichever is earlier, against defects arising from faulty materials, workmanship or design. Defective goods / materials or parts notified by OIL to the Seller shall be replaced immediately by the Seller on FOR destination basis including payment of all taxes and duties at Seller's expense. This guarantee shall survive and hold good notwithstanding inspection, payment for and acceptance of the goods.

12.0 Bidder must forward, along with the quotation, the detailed drawings & specifications of proven design including each and every part , details of Bill of Materials for all major parts such as main shell, base frame, skid, flooring, side & end wall, roof, weather shed/rain shed, insulation, inner paneling, doors, windows, personal lockers, shelves, desk & bench, electrical fitting/items, details of wiring etc., prepared on the basis of drawing attached.

13.0 Third Party Inspection: Third Party Inspections shall be carried out by Oil India Ltd.'s approved Third Party Inspection Agency (Viz. M/S Lloyds or M/S Bureau Veritas or M/S Rites or M/S DNV or M/S IRS or M/S Tuboscope Vetco only). The scope of inspection will cover the following:

- a. General Design and dimensions,
- b. Raw Material,
- c. Welding,
- d. Quality Control,
- e. Painting,
- f. Equipment Marking,
- g. Electrical systems,
- h. Any other aspects found necessary by TPI Agency.

14.0 Necessary test certificates for raw materials from reputed test house/ laboratory shall be submitted to the third party inspector for verification, and the verified test certificates shall be supplied to OIL in original along with supply.

15.0 The TPI report shall be submitted along with the material supply.

16.0 All these scope of inspection to be included in the QAP/ ITP (quality assurance plan or inspection test plan) which is to be submitted by the manufacturer and to be approved by OIL as well as the concerned TPI agency.

17.0 OIL's Inspection: Each crew cabin should be offered for inspection to representative of OIL at the following stages.

- a) At any time during fabrication for raw material inspection and workmanship.
- b) Inspection of wiring work by Electrical dept. of OIL before fixing of panels.
- c) On completion of the jobs before dispatching the crew cabin.

18.0 Intimation regarding each stage inspection should be given to OIL at least 15 (fifteen) days in advance. However, inspection by OIL's engineer will remain at its discretion.

NOTE:

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

-----XXXX-----

THK 3

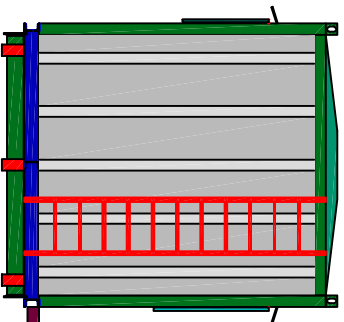
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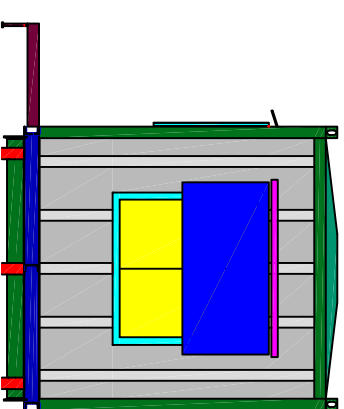
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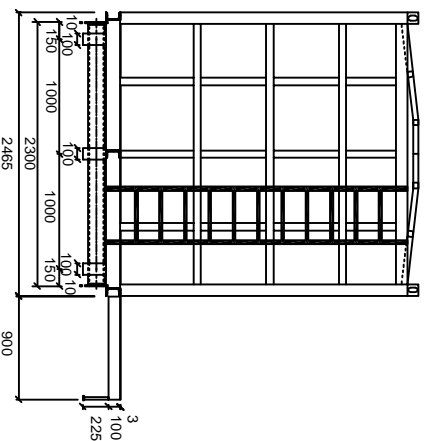
DETAILS OF CORRUGATED SHEET



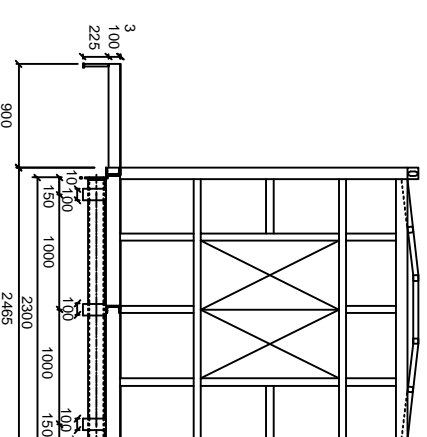
ELEVATION - LADDER END



ELEVATION - WINDOW END



ELEVATION - LADDER END - MAIN FRAME



ELEVATION - WINDOW END - MAIN FRAME

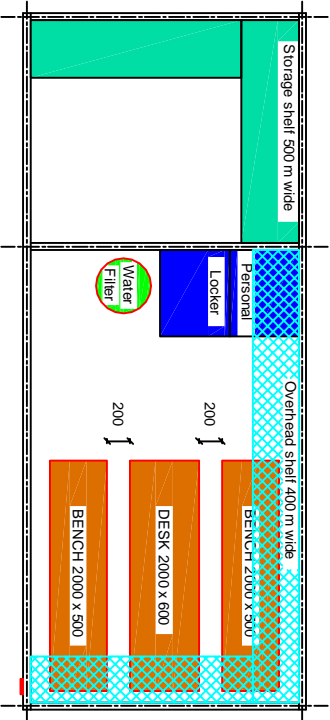
NOTES: 1) NOT TO SCALE
2) All dimensions are in MM

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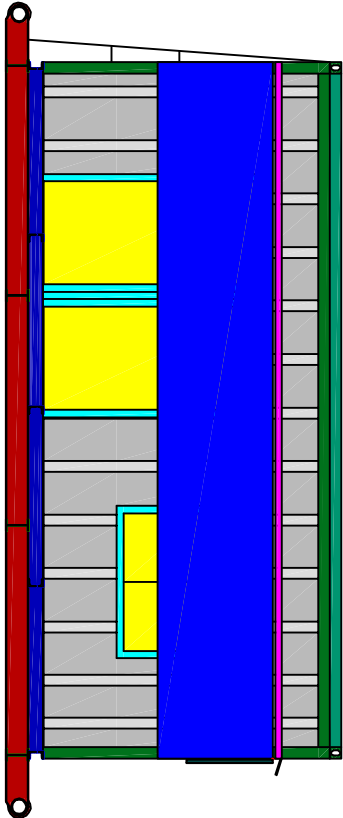
CREW CABIN - PRODUCTION (OIL)

DR NO

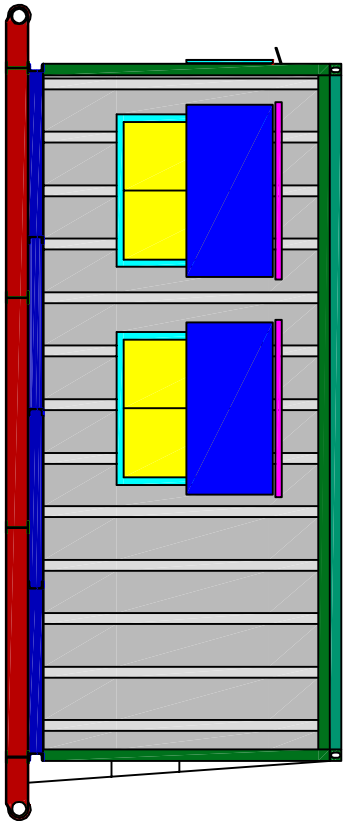
OIL/PSS/PND/006/A- Pg 2 of 3



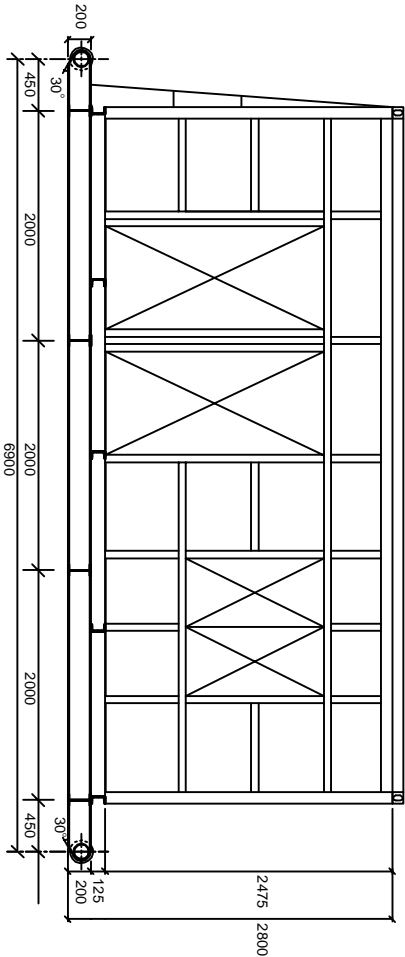
FURNITURES- TOP VIEW



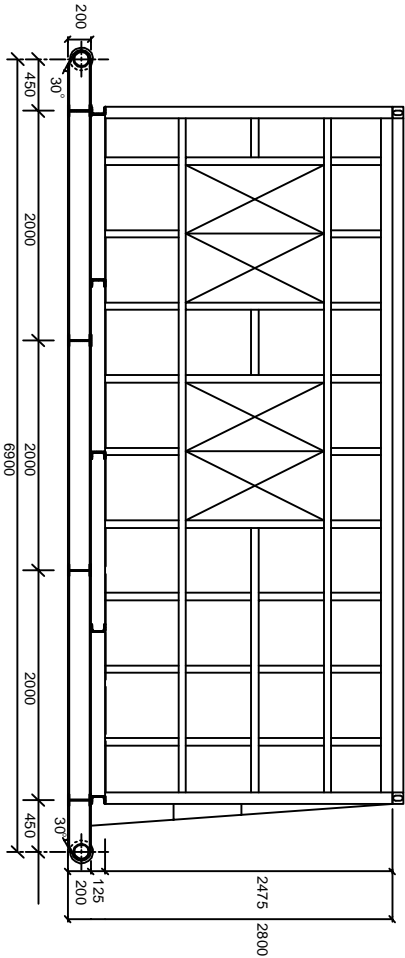
ELEVATION - FRONT



ELEVATION - BACK



ELEVATION - FRONT - MAIN FRAME



ELEVATION - BACK - MAIN FRAME

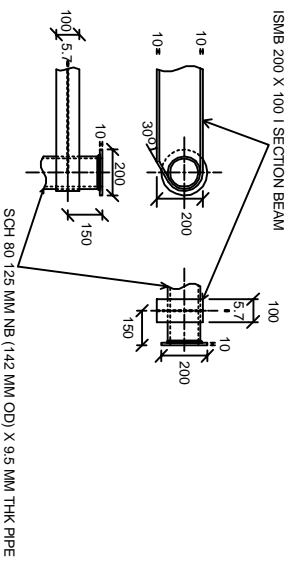
NOTES : 1) NOT TO SCALE
2) All dimensions are in MM

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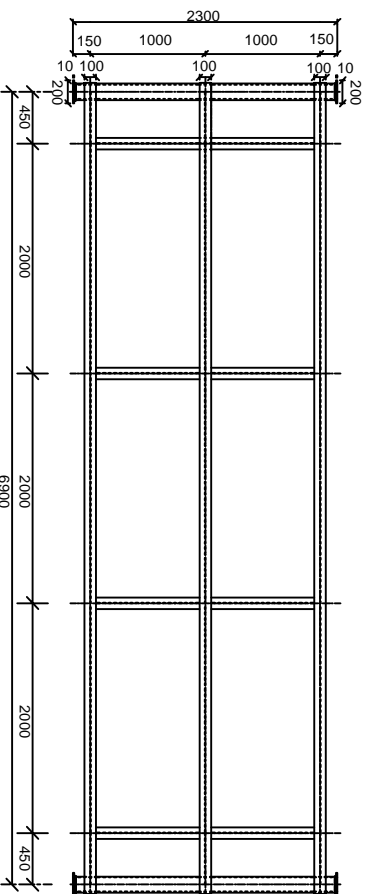
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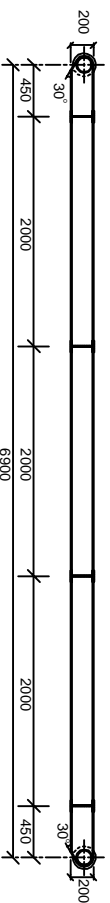
OIL/PSS/PND/006/A- Pg 3 of 3



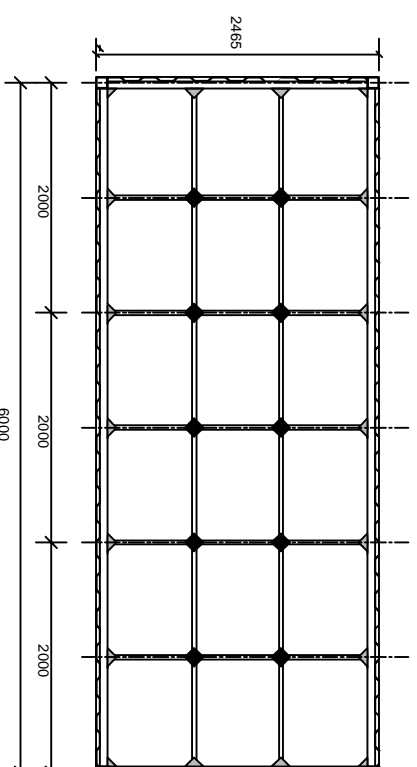
DETAILS OF SKID ENDS



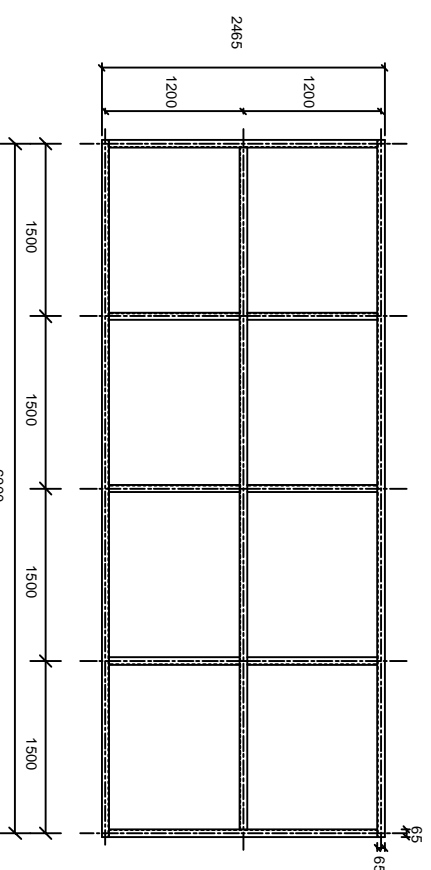
SKID - TOP VIEW



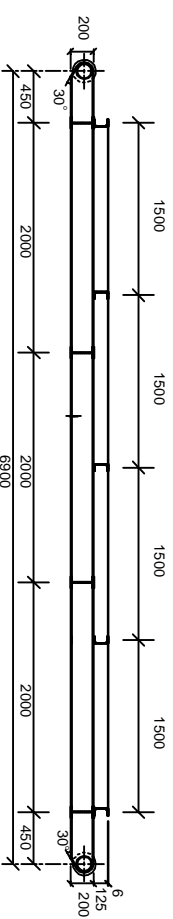
SKID - FRONT ELEVATION



CEILING FRAME - TOP VIEW



BASE FRAME - TOP VIEW



SKID WITH BASE FRAME - FRONT ELEVATION

NOTES: 1) NOT TO SCALE
2) All dimensions are in MM

2) All dimensions are in MM

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PSS DEPTT.
DULIAJAN 78

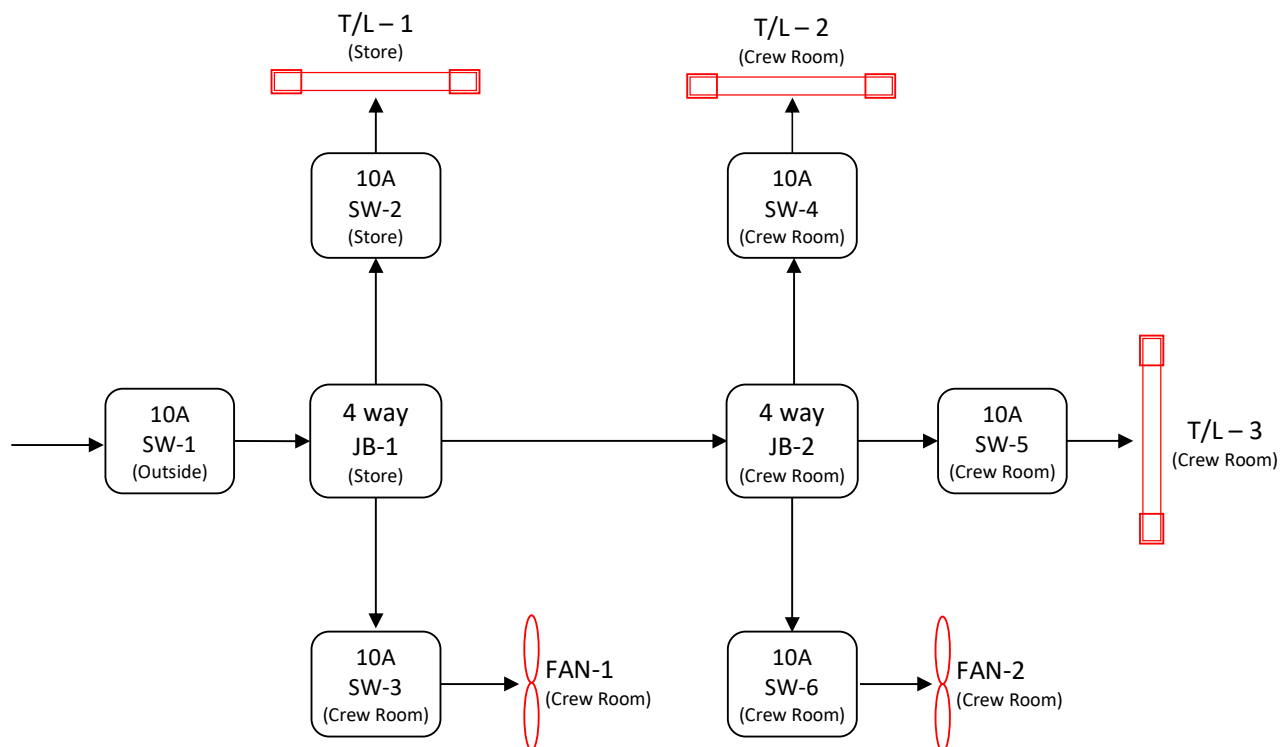
DULIAJAN 786602

CREW CABIN - PRODUCTION (OIL)

DR NO

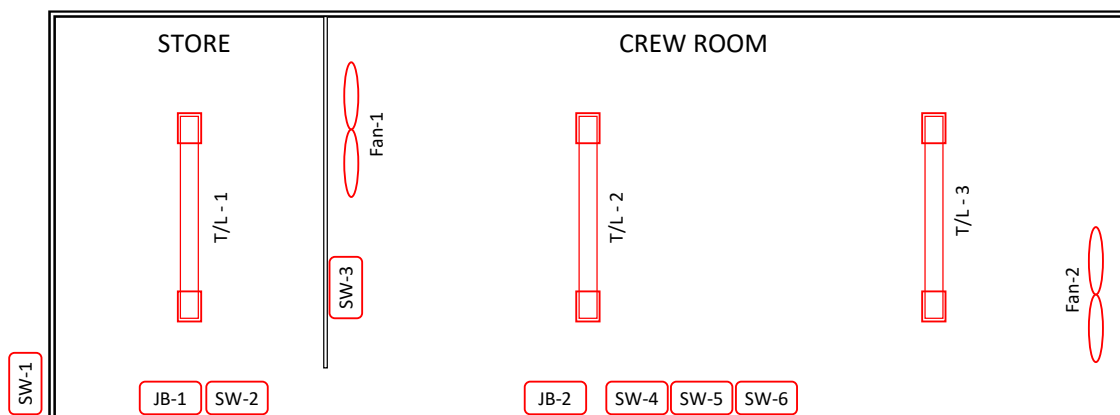
OIL/PSS/PND/006/A- Pg 1 of 3

Schematic of Electrical Wirings in Production Crew Hut



Bill of Materials (Main Items Only)			
	Item	Qty	Equivalent Model / Make / Remarks
1	10A FLP Switch	06	Similar to Model 'FSW 1134' of M/s Baliga
2	4 Way Junction Box	02	Similar to Model 'FPJ 414' of M/s Baliga
3	FLP Tube Light, 36W	03	Similar to Model 'EPFL-140' of M/s Baliga
4	FLP Fan Wall Mounted	02	Similar to Model 'FLP-RH-EXF-2005 (Wall Mounted)' of M/s Flameproof Equipments Pvt. Ltd.

Tentative Position of Electrical Items in the Crew Hut



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

**(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.