



ऑयल इंडिया लिमिटेड  
(भारत सरकार का उद्यम)  
**Oil India Limited**  
(A Government of India Enterprise)

**Materials Department  
(Rajasthan Fields)**  
02-A, District Shopping Centre,  
Saraswati Nagar, Basni  
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**TENDER NO. SJI3232P20**

**Date: 30.11.2019**

**INVITATION TO e-BID UNDER SINGLE STAGE COMPOSITE BID SYSTEM**

Dear Sirs,

OIL invites Bids for the supply of **LT Panel** through its e-Procurement site under **Local Competitive Bidding (LCB) - Single Stage Composite Bid System**. The bidding documents and other terms and conditions are available at Booklet No. MM-RP-LOCAL-E-01-2005. The prescribed Bid Forms for submission of bids are available in the tender document folder.

The general details of tender can be viewed by opening the RFx [Tender no.] under RFx and Auctions page. The details of items tendered can be found under Item tab and details can be found under Technical RFx.

The tender is invited with firm price for the specified quantity. Further details of tender are given in Rfx Parameters → Technical Attachments as **ANNEXURE IA**.

**THE TENDER WILL BE GOVERNED BY:**

- a) "General Terms & Conditions" for e-Procurement as per Booklet No. MM-RP-LOCAL-E-01-2005 for E-procurement (LCB Tenders).
- b) Technical specifications, Quantity and Notes for the **LT Panel** as per **Annexure – IA**.
- c) The items covered by this tender shall be used by Oil India Limited in the PEL/ML areas which are issued/renewed after 01/04/99 and hence Nil Customs Duty during import will be applicable. Indigenous bidder shall be eligible for Deemed Export Benefit / Concessional IGST against this purchase. Details of Deemed Export Benefit are furnished vide MM/RP/LOCAL/E-01/2005 enclosed.
- d) 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-CA certificate*". The same must be submitted along with the bid.

**SPECIAL NOTE:**

- 1.0 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 **CGM (Services), Oil India Limited, Rajasthan Project, 2A, Saraswati Nagar,**

**District Shopping Centre, Basni, Jodhpur-342005, Rajasthan** on or before the Bid Closing Date mentioned in the Tender.

- a) Original Bid Security.
- b) Detailed Catalogue.
- c) Any other document required to be submitted in original as per tender requirement.

All documents submitted in physical form should be signed on all pages by the authorised signatory of the bidder and to be submitted in triplicate.

- 2.0 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.
- 3.0 OIL INDIA LIMITED (OIL) has upgraded its E-tender Portal. As part of the new system, the intending bidder must have Encryption Certificate along with Digital Signature Certificate (DSC) of Class III [Organization]. The date for implementation of new system is 12th April 2017 and the requirement of the new DSC will be applicable for the tenders floated on 12th April 2017 onwards. All our current and prospective esteemed bidders are therefore requested to acquire Class III DSC [Organization] along with Encryption Certificate issued by any of the Licensed Certifying Authorities (CA) operating under Controller of Certifying Authorities (CCA) of India as per Indian IT Act 2000. Guideline for getting Digital Signature and other related information are available on the e-tender website [www.oil-india.com](http://www.oil-india.com). The bid signed using any other digital certificate or digital certificate without organization name of the bidder, will be liable for rejection.
- 4.0 Encryption certificate is mandatorily required for submission of bid. In case bidder created response using one certificate (using encryption key) and bidder subsequently changes the digital signature certificate then the old certificate (used for encryption) is required in order to decrypt his encrypted response for getting the edit mode of his response. Once decryption is done, the bidder may use his new DSC certificate for uploading and submission of his offer. It is the sole responsibility of the bidder to keep their DSC certificate properly. In case of loss of DSC certificate, Oil India Limited is not responsible.
- 5.0 Please ensure that Technical Bid / all technical related documents related to the tender are uploaded in the Technical RFx Response. The "TECHNO-COMMERCIAL UNPRICED BID" shall contain all techno-commercial details except the prices.
- 6.0 The "PRICE BID" must be strictly as per the price format provided with the e-tender portal under "Notes and Attachments" tab.
- 7.0 Please refer Annexure-IB for BEC/BRC applicable against this tender. Please ensure compliance to BEC/BRC and submit requisite documentation, failing which offer may be liable for rejection.
- 8.0 Bidder are advised to fill up the Technical bid check list and Response sheet as per given format along with the tender documents.
- 9.0 Please refer "**E-Tender User Manual**" document for help on system settings and procedure to upload technical and price bids.

- 10.0 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.
- 11.0 Bid must be submitted electronically only through OIL's e-procurement portal. Bid submitted in any other form will be rejected.
- 12.0 Bidders to take special note of the following conditions:
- 12.1 Against Bid Security/EMD/Performance Bank Guarantee – Only payments through online mode or Submission of Bank Guarantee/LC will be acceptable. No DD/Cheques/Cashier Cheque or any other mode will be acceptable.
- 13.0 Attention about GST: Please ignore the details given about the taxes, duties & levies in anywhere in Tender documents which is not applicable now after implementation of GST with effect from 01.07.2017. Others all terms and condition remains same. Referred annexure for GST uploaded under Technical bid.
- 14.0 **Bidders to categorically fill up undertaking as per format provided vide Annexure-X and submit the same along with their bid.**
- 15.0 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.

Yours faithfully,

OIL INDIA LIMITED

Sd/-

(Bhavik Mody)  
Manager (M&C)  
Rajasthan Fields, Jodhpur, Rajasthan

**Tender No. & Date : SJI3232P20 30.11.2019**

Tender Fee : INR 0.00 OR USD 0.00  
 Bid Security Amount : INR 36,930.00 OR USD 0.00  
 (or equivalent Amount in any currency)

**Bidding Type : Single Bid (Composite Bid)**

Bid Closing On : 31.12.2019 at 11:00 hrs. (IST)  
 Bid Opening On : 31.12.2019 at 15:00 hrs. (IST)

Performance Guarantee : Applicable @10% of PO value

OIL INDIA LIMITED invites Global tenders for items detailed below:

Item No./ Mat. Code	Material Description	Quantity	UOM
<b>10</b> 0C000404	Design, Manufacture, Packing & Forwarding and Transportation of outdoor type LT distribution panel board as per technical specifications attached vide Annexure-A.	2	NO
<b>20</b> 0C000404	<p>The Distribution Board shall be 415 V, 3-phase, TPN MCB DB with double metal door, outdoor type, provision for transportation, IP-65 enclosure (minimum) fitted with:</p> <ul style="list-style-type: none"> <li>o 1 (one) no. 63 Amp, 415 V TPN, MCCB as incomer</li> <li>o 2 (two) nos. 25 Amp 415 V TPN MCB as outgoing</li> <li>o 1 (One) no. 63 Amp AC-3 duty contactor with 24 hrs. timer for switching on power to the lighting circuit with 'Auto/' 'Manual' On/Off provision</li> <li>o Each phase of the Lighting circuit shall have 1 (One) no. 32 Amps 230 V, 30 mA Double pole RCBO as phase incomers with 8 (Eight) nos. 230 V, 16 amp SPN in each phase as outing / feeders.</li> <li>o 3 (Three) separate Neutral Buses shall be provided against each phase of the Lighting circuit</li> </ul> <p>MCB shall be C curve, 10ka rated. The DB shall be complete with aluminium busbar of 100 Amp for all phases &amp; Neutral. The DB also shall have earth busbar of suitable size.</p> <p>Size(Minimum): Height: 1000 MM, Width: 750MM, Depth: 400 MM</p> <p>LIST OF ACCEPTABLE MAKES OF MATERIAL / COMPONENTS</p> <p>The following are the acceptable makes of materials &amp; components to be used in the panel: -</p> <ul style="list-style-type: none"> <li>" MCCBs / MCBs: ABB / Siemens / Schneider</li> <li>" Isolators: ABB / Siemens / Schneider</li> <li>" Contactors: ABB / Siemens / Schneider</li> <li>" Fuses: Siemens / GE</li> <li>" Thermal Overload relay: Siemens / GE</li> <li>" Control Switches: Siemens / Kay CE</li> <li>" Indicating Lamps: Siemens / GE</li> <li>" Push Buttons: Siemens / GE</li> </ul>	3	NO

**Tender No. & Date : SJI3232P20****30.11.2019**

Item No./ Mat. Code	Material Description	Quantity	UOM
	Note: For other details refer relevant portion of specification for LT distribution panel board.		

**Standard Notes:** 1) The tender is invited under SINGLE STAGE-COMPOSITE BID SYSTEM. The bidder has to submit both the "TECHNO-COMMERCIAL UNPRICED BID" and "PRICED BID" bid 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 Work & Technical Specification of the tender and "PRICED BID" as per the Price Bid format under "Conditions" tab.

2) Bid should be valid for **minimum 90 days** from bid closing date, failing which offer shall be rejected.

3) The original bid security (Amount is mentioned above and also in Rfx Parameters of the tender in OIL's e-portal) should reach us before bid closing date and time of the technical bid. Bid without original Bid Security will be rejected. The bidders who are exempted from submitting the Bid Bond should attach documentary evidence in the Technical RFX Response General Terms and conditions for local Tender (MM/RP/LOCAL/E-01/2005).

The bid security shall be valid up to **30.06.2020**. Only payments through online mode or Submission of Bank Guarantee/LC will be acceptable. No DD/Cheques/Cashier Cheque or any other mode will be acceptable.

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 Bid security to OIL's order/contract issuing office or upload the same on OIL's e-tender portal.

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

(i) "MT 760 / MT 760 COV for issuance of bank guarantee

(ii) "MT 760 / MT 767 COV for amendment of bank guarantee

The above message / intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Jodhpur Branch, IFS Code - UTIB0000057; Swift Code: AXISINBB057. Branch Address - AXIS Bank Ltd, Prince Tower, Near Jaljog Circle, Residency Road, Jodhpur - 342003"

4) Performance Security @10% of order value is applicable against this tender. Please refer General Terms and conditions for local Tender (MM/RP/LOCAL/E-01/2005).

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 Performance Bank Guarantee to OIL's order/contract issuing office.

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

(i) "MT 760 / MT 760 COV for issuance of bank guarantee

**Tender No. & Date : SJI3232P20 30.11.2019**

(ii) "MT 760 / MT 767 COV for amendment of bank guarantee

The above message / intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Jodhpur Branch, IFS Code - UTIB0000057; Swift Code: AXISINBB057. Branch Address - AXIS Bank Ltd, Prince Tower, Near Jaljog Circle, Residency Road, Jodhpur - 342003"

5) Bidders to note that Govt. of India under Micro, Small and Medium Enterprises Development (MSMED) Act 2006, has proclaimed the Public Procurement Policy, 2012 with effect from 1st April, 2012 in respect of procurement of goods and services, produced and provided by micro and small enterprises, by its Ministries, Departments and Public Sector Undertakings for promotion and development of Micro and Small Enterprises. A new Clause on applicability of Public Procurement Policy for procurement of goods from Micro and Small Enterprises(MSE) in the tender is furnished vide General Terms and Conditions for local Tender (MM/RP/LOCAL/E-01/2005). Bidders are requested to take note of the same and to submit their offers accordingly.

6) 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.

7) General terms and conditions of local tender (document MM/RP/LOCAL/E-01/2005) is enclosed.

8) GST (Goods & Service Tax) will be cost loaded as quoted and in line with provisions of the bidding document. Any claim subsequently by the bidders for additional payment/liability shall not be admitted and has to be borne by the bidders. For GST clause please refer Annexure-GST.

9) Price should be maintained as per the Price Bid format under "Notes and Attachments" tab only.

10) 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.

11) Bidders without having 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>.

12) 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

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and request for bid closing date extension on that plea shall not be entertained by Company.

13) MSEs 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 monetary limit mentioned in their registration, provided they are registered for the item they intend to quote/participate.

14) For availing benefits under Public Procurement Policy (Purchase preference & EMD exemption), the interested MSE Bidders must ensure that they are the manufacturer of tendered item(s) and registered with the appropriate authority for the said item(s). Bids without EMD shall be rejected, if the technical offer does not include a valid copy of relevant MSE Certificate issued by appropriate authority specifying the item as per tender. Therefore, it is in the interest of such MSE Vendors to furnish a copy of complete certificate to the concerned tender handling officer of OIL at least seven (7) days prior to the scheduled Bid Closing Date of the tender; seeking clarification/confirmation as to whether their registered item is eligible for EMD exemption or not. Late communication in this regard and request for bid closing date extension on that plea shall not be entertained by Company.

15) Purchase Preference on Local Content is applicable against this tender. Please refer the Special Notes in this document for the applicable clause.

**Special Notes : Purchase preference policy (linked with Local Content)(PP-LC)**

This tender will be governed by the Purchase preference policy (linked with Local Content) (PP-LC) of Ministry of Petroleum & Natural Gas, Government of India. Indian Bidders are advised to refer notification no. O-27011/44/2016-ONG-II/FP dtd. 25.04.2017 and subsequent amendments, if any, and submit the necessary documents, declaration, undertaking etc. as per the policy guidelines along with their bid. As per the PP-LC policy, 50% of the tendered quantity would be awarded to the lowest techno-commercially qualified LC (Local Content) manufacturer / supplier which are within the price band of 10% of the L1, subject to matching the L1 price. Bidders seeking Purchase preference (linked with Local Content) (PP-LC) shall be required to meet / exceed the target of Local Content (LC) as per values furnished vide original notification of the policy and subsequent amendments applicable as on the bid closing date. The remaining quantity will be awarded to L1 (i.e. Non-Local Content (NLC) manufacturer / supplier not meeting prescribed LC criteria). In case a bidder is eligible to seek benefits under PP-LC policy as well as Public Procurement Policy for MSEs-Order 2012, then the bidders should categorically seek benefits against only one of the two policies i.e. either PP-LC or MSE policy. If a bidder seeks EMD exemption under the MSE policy, then it shall be considered that the bidder has sought benefit against the MSE policy and this option once exercised cannot be modified subsequently. Evaluation of bids with reference to PP-LC policy shall be done by OIL based on the documents submitted by the bidder. OIL shall not be responsible for any incorrect/incomplete submission of documents by bidder leading to non-compliance to PP-LC policy and denial of benefits under the policy.

**BG CONFIRMATION**

Please 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 to OIL's order/contract issuing office.

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

**Tender No. & Date : SJI3232P20**

**30.11.2019**

(i) "MT 760 / MT 760 COV for issuance of bank guarantee

(ii) "MT 760 / MT 767 COV for amendment of bank guarantee

The above message / intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Jodhpur Branch, IFS Code - UTIB0000057; Swift Code: AXISINBB057. Branch Address - AXIS Bank Ltd, Prince Tower, Near Jaljog Circle, Residency Road, Jodhpur - 342003.



**ANNEXURE – A****A] Technical Specifications of LT Distribution Panel Board:**

Sl. No.	Item	Quantity (Nos.)	Capacity	Name plate detail	Specification
1	Incomer	2 (Two)	250Amps	INCOMER– JVVNL	<p><b>A]</b> Distribution type MCCB, 4 pole, 250 Amps, 415 Volts, 50 Hz, 36 kA breaking capacity with adjustable overload protection and fixed instantaneous short circuit protection.</p> <p>MCCB shall have:</p> <ul style="list-style-type: none"><li>i) Rotary handle on the cubicle door for ease of operation</li><li>ii) Protection: Thermal magnetic with CBCT based earth fault protection.</li></ul> <p><b>B] Incomer cubicle shall also have:</b></p> <ul style="list-style-type: none"><li>i) Digital multi functional meter with selector switch showing current &amp; voltage in each phase, KWH, PF with class of accuracy -0.5</li><li>ii) Current transformers – with suitable rating for measurement &amp; protection. Class of accuracy -0.5,</li><li>iii) 230V AC, LED Indication lamp for R, Y, B phases - 3Nos.</li><li>iv) LED indication lamp for Incomer “ON”, “OFF” &amp; “TRIP”</li><li>v) MCBs required for control circuit.</li><li>vi) Brought out terminals with detachable gland plate for incoming cable connection</li><li>vii) Any other item required for smooth operation of the MCCB.</li><li>viii) Provision shall be kept for tripping the breaker from operation of NGR (NGR to be kept outside the panel – not in scope of this supply)</li></ul> <p><b>Note:</b></p> <ul style="list-style-type: none"><li>i) Suitable mechanical interlock facility shall be incorporated amongst Incomer – DG and Incomer – JVVNL (State board supply) so that only one of the 2 incomers can be taken into service.</li></ul> <p>Interlocking shall be such that if one incomer is in service the</p>

**ANNEXURE – A**

					other incomer shall not be operative.
				INCOMER – DG	Same as Incomer – JVVNL
2	Feeders	2(Two)	100Amps	100A FEEDER #1, 100A FEEDER #2	<p>Distribution type MCCB, 4 pole, 100 Amps, 415 Volts, 50 Hz, 36 kA breaking capacity with adjustable overload protection and fixed instantaneous short circuit protection.</p> <p>MCCB shall have:</p> <ul style="list-style-type: none"> <li>i) Rotary handle on the cubicle for ease of operation</li> <li>ii) Protection: Thermal magnetic with CBCT based earth fault protection with indication of trip.</li> </ul> <p><b>Indication &amp; metering:</b></p> <ul style="list-style-type: none"> <li>i) Cubicle shall have indication lamp for MCCB “ON”</li> <li>ii) Digital multi-functional meter with selector switch showing current, voltage with class of accuracy -0.5 with 0.5 class CT and any other accessories required.</li> </ul>
3	3 phase DB	1 (One)	63 Amps	LIGHTING DB	<p><b>Incomer:</b></p> <p>Distribution type MCCB, 4 pole, 63 Amps, 415 Volts, 50 Hz, 25 kA breaking capacity with adjustable overload protection and fixed instantaneous short circuit protection and with suitably designed adjustable earth leakage protection</p> <p><b>Outgoing feeders:</b></p> <ul style="list-style-type: none"> <li>i) 32 Amps, 4 pole RCBO,100mA 415 Volts, 50 Hz, 10 kA breaking capacity – 2 Nos.</li> <li>ii) 20 Amps, 4 pole RCBO,100mA, 415 Volts, 50 Hz, 10 kA, C curve – 3 Nos.</li> <li>iii) 16 Amps double pole MCB – 3 Nos( 1 no. per phase)</li> </ul>
4	DOL Starter	1 (One)	20 to 25 HP	20/25 HP DOL STARTER	Motor Protection type MCCB, 3 Pole, 415 Volts, 100 Amps, 36 kA breaking capacity with adjustable overload & instantaneous

## **ANNEXURE – A**

					<p>short circuit protection with suitably designed adjustable earth leakage protection.</p> <p><b>Starter shall have:</b></p> <ul style="list-style-type: none"> <li>i) Suitably rated, TP power contactor with 2NO + 2NC auxiliary contact. 1No.</li> <li>ii) Suitable thermal magnetic overload relay with 1NO + 1NC contact with single phasing protection directly mounted on power contactor, -1No.</li> <li>iii) Current transformer with CT ratio-Suitable, class of accuracy-1.0 - 3 Nos., Make- Kappa/ AE</li> <li>iv) Digital Ammeter, Make- Konzerv Ltd./ AEI Ltd. Suitable for above CT ratio-1No.</li> <li>v) LED indication lamp for motor ON/OFF/ TRIP -3Nos. Make- L&amp;T/Schneider / Binay/Technic</li> <li>vi) Suitable MCB for control circuit protection.</li> <li>vii) “START – STOP” push button for “Local” operation with provision for remote operation of the starter.</li> </ul>
5	STAR - DELTA STARTER	1 (One)	25 to 30 HP	25/30 HP STAR - DELTA STARTER	<p>Motor Protection type MCCB, 3 Pole, 415 Volts, 100 Amps, 36 kA breaking capacity with adjustable overload &amp; instantaneous short circuit protection with suitably designed adjustable earth leakage protection.</p> <p><b>Starter shall have:</b></p> <ul style="list-style-type: none"> <li>i) 63 Amps TP power contactors with 2NO+ 2NC auxiliary contact, -3Nos.</li> <li>ii) Thermal magnetic overload relay range 30-40 Amps / suitable range with 1NO+ 1NC contact with single phasing protection directly mounted on power contactor, -1No.</li> <li>iii) Current transformer with CT ratio-50/5, class of accuracy-1.0 – 3 Nos.</li> <li>iv) Digital Ammeter, suitable for CT ratio- 50/5 -1No.</li> </ul>

**ANNEXURE – A**

					v) LED indication lamp for motor ON/OFF/ TRIP -3Nos. vi) Suitable MCB for control circuit protection. vii) One no. Electronic timer. Operating time: 0-18 seconds. The timer shall provide time delay during change-over from star to delta. viii) “START – STOP” push button for “Local” operation with provision for remote operation of the starter.
6	Power factor Controller	1(one)		APFC	One (01) No. suitably designed power factor controller to be incorporated in the panel to maintain power factor above 0.95.

**B] Make of Items:**

- i) **ACB:** ABB/ Schneider / Siemens
- ii) **MCCB:** ABB/ Schneider / Siemens
- iii) **MCB:** ABB/ Schneider / Siemens / Legrand
- iv) **Power contactor(s), O/L relay(s), Timer(s), Auxilliary contactor(s):** ABB/ Schneider / Siemens
- v) **Digital multi functional meters:** Conzerv Ltd. / AEI Ltd/ SOCOMEC / Schneider
- vi) **CTs:** AEI / Kappa
- vii) **LED** Indication lamps: L&T/Schneider / Binay/Technic
- viii) Control wire: Havells / Polycab / Finolex
- ix) CBCT & Earth fault relay shall be of same make as MCCB.
- x) Any other item(s) shall be from reputed manufacturer.

**C] Construction:**

- i) The panel shall be double door metal-enclosed, free-standing, self-supporting, compartmentalized, modular type suitable for outdoor installation with provision for transportation. The panel shall be industrial type, dust and vermin proof. The enclosure shall provide a degree of protection of not less than IP- 65. Height of the panel from ground level shall be restricted to 2000 MM from bottom. 450MM from bottom shall not be considered for construction of the panel compartments, this gap shall be considered for cable entry from bottom.
- ii) Size of the panel board shall be such that the same is easily transportable and is convenient for operation.

## **ANNEXURE – A**

- iii) The panel shall be fabricated out of **2 mm** thick cold rolled steel plates & properly supported using angles & channels as required. The compartments shall be divided & arranged into convenient continuous line. The panel as a single unit shall be mounted on a base frame made out of suitable structure, preferably ISMC Channels.
- iv) The main busbar (3 phase & neutral) shall be horizontally placed on the top horizontal chamber. The size of the neutral busbar shall be of same size as the phase bus bars. Vertical bus bar arrangement shall be provided for feeding power to feeder panels / compartments. The panel shall be provided with suitable cable alley with gland plates at the bottom.
- v) The isolators, MCCBs, MCBs, contactors, capacitors, instruments, auxiliary equipments as well as cable terminations for the feeders shall be accessible from the front. The Panel shall be fully compartmentalised with all doors on the front only. Power incoming cables may however be accessible from backside. Busbar and cable alley shall be shrouded by insulating barrier plates.
- vi) Cable entries for all power cables (both incomers & outgoing feeders) & instrumentation cables if any must be at the bottom of the panel with suitable removable gland plates. Gland plates shall be **2 mm** thick cold rolled steel plates.
- vii) The cable alley chamber(s) shall have suitable supporting arrangement for holding the cables in place avoiding weight / torque on the cable terminations.
- viii) The vertical & horizontal metallic sheets to be used as separators / for installation of MCCBs & other devices shall be of 2 mm thickness. The horizontal separators may be removable type screwed to the lugs projecting from the main body / structure of the panel. Each chamber shall be provided with a hinged type door opening away from the cable alley & shall be provided with black flower type thumb screw which shall ensure tight closing. The edges of the doors shall be provided with a neoprene rubber gasket to make the compartment dust-proof. All retaining catches, screws & bolts for doors & covers shall be cadmium plated.
- ix) Compartment doors shall be inter-locked with the switch unit (isolators or MCCBs) in such a way that the door cannot be opened when the feeder / starter panel is ON. The door of the busbar chamber shall be fully removable type & not hinged.
- x) A horizontal wire way with screwed cover shall be provided at the top/bottom to take inter-connecting control wiring between different vertical sections. Compartments shall be provided for accommodating instruments, indicating lamps, control contractors and control fuses etc. These shall be accessible for testing and maintenance without any danger of accidental contact with live parts of the circuit breaker busbar connections.
- xi) Painting shall be done by surface coating comprising pre-treatment (seven-tank treatment), Electrostatic Powder Spraying & curing. The surfaces to be coated shall be chemically derusted & degreased, Zinc Phosphatised & then Passivated after proper drying subjected to spraying of powder. (The panel shall undergo 7 tank pre-treatment procedures strictly). The panel shall be coated using Siemens Grey shade (RAL 7032).
- xii) The panel shall be divided into the following compartments:

## **ANNEXURE – A**

- **The busbar chamber:** - It shall be provided at the top of the panel horizontally throughout the length. There shall be 3 nos. of phase busbars and 1 no neutral busbar. 1 no earthing busbar shall be installed at the bottom of the panel. Busbars shall be fully screened by means of coloured PVC sleeves (Red, Yellow, Blue & Black) in accordance with IS-375 & run throughout the length of the chamber and shall be of extendable type on either side. The neutral bar shall be of same size as the phase bars.
- Capacity of the busbars shall be minimum 500 Amps with suitable busbar cross section.
- Bus bar support required at the interval to withstand short circuit fault level of 50KA.
- The Aluminium bus- bar shall be of electrolytic grade high conductivity of HINDALCO make.
- The busbar shall be properly segregated, suitably braced with insulated supports (DMCFRP/SMC) placed at appropriate intervals to withstand the electromagnetic & electrical stresses, minimum electrical clearance shall be maintained between phase, neutral and body as per standards.
- Proper care shall be taken for heat dissipation.

### **D] General note:**

- i) Designation name plate should be provided for each incoming and outgoing feeders. Minimum ground clearance from bottom cable termination should be 450mm.
- ii) 2 Nos. of earth stud with 32mm x 6mm GI strap should be provided on both sides of panel board for grounding connection of panel board.
- iii) Suitable No. of danger plates shall be provided on front and rear side of panel board.
- iv) The overall height of the panel shall be restricted to 2000 mm.
- v) All the quotations with details of general arrangement (GA) of drawing, single line diagram, Circuit diagram shall be submitted along with the offer required for technical scrutiny of the offers, failing which offers shall be liable for rejection.
- vi) Control circuit wiring shall have to be done with single core, multi strand 1.5 sq. mm. PVC insulated, 660V grade copper wire with ferrules and lugs as identification of circuit.
- vii) Materials should be packed properly to avoid transit damage and ingress of water during transportation.
- viii) All similar materials and removable parts of the panel shall be interchangeable. The panel shall be filled with the same family of switches for various ratings with a view to ensure uniformity of design, maintenance and replacements.
- ix) All safety precautions as per relevant IS standard and CEA regulation 2010 shall be followed to avoid any hazard during maintenance and operation.

x) **TERMINALS BLOCK:**

- a) Terminal blocks shall preferably be grouped according to circuit functions and each terminal block group shall have at least 10% spare terminals. Terminal blocks for control circuit shall be of 650V grade with contact ratings not less than 10A and stud/clamp type.
- b) Not more than one wire shall be connected to any terminal block.

**E] Inspection**

Panel board is to be inspected and tested by OIL's Engineer at the premises of the supplier in two stages:

- a) during initial fabrication and
- b) before dispatch.

Supplier / manufacturer shall intimate OIL 15 (Fifteen) days in advance for each stage of inspection.

**F] Control Transformer**

It consists of a transformer of 1000VA or higher as per design requirement with F class insulation rating of 400V/110V AC for control power supply for TPN Contactor and indication lamp, Make- AEI Ltd Transformer Primary – with suitable isolation and protection.

Transformer Secondary – with suitable secondary protection and suitable bus bar for 110V AC distribution.

**G] EARTHING:**

The earthing scheme for the unit should be as per IS-3043 and CEA regulation 2010.

**H] Document required:**

- i) At the time of bidding:
  - a) Detail of general arrangement (GA) drawing
  - b) Single line diagram, Circuit diagram / Scheme
  - c) Bill of materials incorporating make, catalogue no and quantity
- ii) Before Manufacture: Successful bidder shall have to obtain approval of OIL for the following before manufacture:
  - a) Detail of general arrangement (GA) drawing
  - b) Single line diagram, Circuit diagram / Scheme
  - c) Bill of materials incorporating make, catalogue no and quantity
- iii) At the time of submission of final invoice:

## **ANNEXURE – A**

- a) As built drawings (GA, Single line diagram /Circuit diagram/Scheme) – 3 sets
- b) Warranty/guarantee certificate of the panel (Panel board should be guaranteed for period of 12 months from the date of commissioning or 18months from the date of supply whichever is earlier).

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**Format of undertaking by Bidders towards submission of authentic information/documents  
(To be typed on the letter head of the bidder)**

Ref. No \_\_\_\_\_

Date \_\_\_\_\_

**Sub: Undertaking of authenticity of information/documents submitted**

**Ref:** Your tender No. \_\_\_\_\_ Dated \_\_\_\_\_

To,  
The CGM (Services)  
OIL, Rajasthan Project

**Sir,**

With reference to our quotation against your above-referred tender, we hereby undertake that no fraudulent information/documents have been submitted by us.

We take full responsibility for the submission of authentic information/documents against the above cited bid.

We also agree that, during any stage of the tender/contract agreement, in case any of the information/documents submitted by us are found to be false/forged/fraudulent, OIL has right to reject our bid at any stage including forfeiture of our EMD and/or PBG and/or cancel the award of contract and/or carry out any other penal action on us, as deemed fit.

Yours faithfully,

For (type name of the firm here)

Signature of Authorised Signatory

Name :

Designation :

Phone No.

Place :

Date :

(Affix Seal of the Organization here, if applicable)

	Compliance by Bidder	
CC. BID REJECTION CRITERIA (BRC)	Indicate 'Confirmed' / 'Not Confirmed' / Not applicable	Indicate Corresponding page ref. of unpriced bid
<p>In addition to the General Terms and Conditions for Local Tender, the following BEC / BRC criteria will be applicable against this tender:</p> <p>The bids shall conform to the specifications, terms and conditions given in the tender. Bids shall be rejected in case the item(s) offered do not conform to technical specifications and to the respective international / national standards wherever stipulated.</p> <p>Notwithstanding the general conformity of the bids to the stipulated specifications, and terms &amp; conditions, the following requirements shall have to be particularly met by the bidders, without which the offer will be considered as non-responsive and rejected. All the documents related to BEC / BRC must be submitted along with the technical bid.</p>		
<b>1.0 TECHNICAL BRC</b>		
<p>i) Bidder:</p> <p>a) Shall be Original Equipment Manufacturer (OEM) of LT panel or Must be authorized by the OEM of LT panel specific to this tender. AND</p> <p>b) The LT panel manufacturer must have authorization from the OEM of MCCB &amp; MCB specific to this tender. Documentary evidence in this regard must be furnished along with the bid failing which offer would be rejected.</p>		
<p>ii) The manufacturer of LT panel must have following type test certificates from CPRI / NABL approved laboratory of India.</p> <p>a) Short circuit breaking capacity of 50kA/sec for a minimum rated current of 1000 Amps. b) Temperature rise test c) IP 65 d) Dielectric strength withstand.</p>		
<p>iii) Bidder shall have the experience of successfully supplying at least 1 (One) similar orders in the last 5 (Five) years before the bid closing date of this enquiry. Documentary evidence in this regard must be provided along with the quotation failing which their offer will be rejected.</p>		
<p>iv) Bidder shall have to quote for all the items mentioned in the NIT otherwise, their offer shall not be considered for evaluation.</p>		
<b>2.0 FINANCIAL CRITERIA:</b>		
<p>2.1 The bidder shall have an annual financial turnover of minimum INR 9.23 Lakhs during any of the preceding 03 (Three) financial/accounting years reckoned from the original bid closing date, irrespective of whether their bid is for all the tendered items or not.</p>		
<p>2.2 "Net Worth" of the bidder should be positive for the financial/accounting year just preceding to the original Bid Closing Date of the Tender.</p>		
<p>2.3 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 ..... has actually not been audited so far'.</p>		
<p>For proof of Annual Turnover &amp; Net worth any one of the following document must be submitted along with the technical bid:-</p> <p>i) A certificate issued by a practicing Chartered Cost Accountant (with Membership Number and Firm Registration Number), certifying the Annual turnover &amp; Net worth as per format prescribed in ANNEXURE. OR ii) Audited Balance Sheet alongwith Profit &amp; Loss account.</p> <p>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.</p>		

	Compliance by Bidder	
<b>3.0 COMMERCIAL CRITERIA:</b>		
3.1 Bids are invited under Single Stage Composite Bid System. Bidders shall quote accordingly. The "Unpriced Bid" shall contain all techno-commercial details except the prices/rates, which shall be kept blank. The "Price Bid" must contain the price schedule and the bidder's commercial terms and conditions.		
2.0 The prices offered shall 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.		
3.0 Bids received in physical form against online invitation through e-portal shall be rejected (except the documents specifically called for in hard copies, if any). Similarly, Bids received after the bid closing date and time shall be rejected. Also, modifications to bids received after the bid closing date & time shall not be considered.		
4.0 Bids containing incorrect statement shall be rejected.		
5.0 Validity of the bid shall be minimum 90 days from the date of Bid closing. Bids with lesser validity shall be rejected.		
6.0 Bid Security in ORIGINAL shall be furnished by the Bidder as a part of their TECHNICAL BID. The amount of Bid Security and its validity shall be as specified in the Bid Document. Any bid not accompanied by a proper bid security in ORIGINAL shall be rejected without any further consideration. A bid shall be rejected straightway if Original Bid Security is not received within the stipulated date & time mentioned in the Tender and/or if the Bid Security validity is shorter than the validity indicated in Tender and/or if the Bid Security amount is lesser than the amount indicated in the Tender.  For exemption for submission of Bid Security please refer Bid security clause under Amendments of "General Terms & Conditions" for e-Procurement as per Booklet No. MM-RP-LOCAL-E-01-2005 (Rev May 2016) for E-procurement (LCB Tenders).		
7.0 Successful bidder shall be required to furnish a Performance Security equivalent to ten percent (10%) of total evaluated value of the Purchase Order. Bidders should undertake in their bids to submit Performance Security as stated above		
8.0 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 called for 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 called for in Tender and/or (ii) Bid Security amount lesser than the amount indicated in the Tender.		
9.0 Bidder must accept and comply with the following clauses as given in the Bid Document, failing which bid shall be liable for rejection:  i) Liquidated Damages ii) Guarantee of material iii) Arbitration / Resolution of Dispute iv) Force Majeure v) Applicable Laws vi) Performance Security		

## **ANNEXURE**

### **CERTIFICATE OF ANNUAL TURNOVER & NET WORTH**

TO BE ISSUED BY PRACTISING **CHARTERED ACCOUNTANTS' FIRM** ON THEIR LETTER HEAD

#### **TO WHOM IT MAY CONCERN**

This is to certify that the following financial positions extracted from the audited financial statements of M/s..... (Name of the Bidder) for the last three (3) completed accounting years upto .....(as the case may be) are correct.

<b>YEAR</b>	<b>TURN OVER</b> In INR (Rs.) Crores / US \$ Million)*	<b>NET WORTH</b> In INR (Rs.) Crores / US \$ Million)*

\*Rate of Conversion (if used any): USD 1.00 = INR.....

Place:

Date:

Seal:

Membership No. :

Registration Code:

Signature

\* Applicable only for GLOBAL tenders.

## **ANNEXURE - GOODS AND SERVICES TAX**

1. For the purposes of levy and imposition of GST, the expressions shall have the following meanings:
  - (a) GST - means any tax imposed on the supply of goods and/or services under GST Law.
  - (b) Cess – means any applicable cess, existing or future on the supply of Goods and Services as per Goods and Services Tax (Compensation to States) Act, 2017.
  - (c) GST Law - means IGST Act 2017, CGST Act 2017, UTGST Act, 2017 and SGST Act, 2017 and all related ancillary Rules and Notifications issued in this regard from time to time.
2. The rates quoted by the bidders shall be inclusive of all taxes, duties and levies except GST. However, bidders are required to provide separately the rate and amount of all types of taxes, duties and levies. In case, the quoted information related to various taxes, duties & levies subsequently proves wrong, incorrect or misleading, OIL will have no liability to reimburse the difference in the duty/ tax, if the finally assessed amount is on the higher side and OIL will have to right to recover the difference in case the rate of duty/ taxes finally assessed is on the lower side. Further, bidders have to clearly show the amount of GST separately in the Tax Invoices. Further, it is the responsibility of the bidders to make all possible efforts to make their accounting / IT system GST compliant in order to ensure availability of Input Tax Credit (ITC) to Oil India Ltd.
3. Offers without giving any of the details of the taxes (Including rates and amounts) as specified above will be considered as inclusive of all taxes including GST. When a bidder mentions taxes as extra without specifying the rates & amount, the offer will be loaded with maximum value towards taxes received against the tender for comparison purposes. If the bidder emerges as lowest bidder after such loading, in the event of order on that bidder, taxes mentioned by OIL on the Purchase Order/ Contracts will be binding on the bidder.
4. Bidders are required to pass on the benefit arising out of introduction of GST, including seamless flow of Input Tax Credit, reduction in Tax Rate on inputs as well as final goods by way of reduction of price as contemplated in the provision relating to Anti-Profiteering Measure vide Section 171 of the CGST Act, 2017. Accordingly, for supplies made under GST, the bidders should confirm that benefit of lower costs has been passed on to OIL by way of lower prices/taxes and also provide details of the same as applicable. OIL reserves the right to examine such details about costs of inputs/input services of the bidders to ensure that the intended benefits of GST have been passed on to OIL.
5. **When Input tax credit is available for Set Off**

Evaluation of L-1 prices shall be done based on Quoted price after deduction of Input Tax Credit (ITC) of GST, if available to OIL. OIL shall evaluate the offers on the basis of the quoted rates only and any claim subsequently by the bidders for additional payment/liability shall not be admitted and has to be borne by the bidders

**When Input tax credit is NOT available for Set Off**

Evaluation of L-1 prices shall be done based on Quoted price only. OIL shall evaluate the offers on the basis of the quoted rates only and any claim subsequently by the bidders for additional payment/liability shall not be admitted and has to be borne by the bidders.

6. Bidders agree to do all things not limited to providing GST compliant Tax Invoices or other documentation as per GST law relating to the supply of goods and/or services covered in the instant contract like raising of and /or acceptance or rejection of credit notes / debit notes as the case may be, payment of taxes, timely filing of valid statutory Returns for the tax period on the Goods and Service Tax Network (GSTN), submission of general information as and when called for by OIL in the customized format shared by OIL in order to enable OIL to update its database etc. that may be necessary to match the invoices on GSTN common portal and enable OIL to claim input tax credit in relation to any GST payable under this Contract or in respect of any supply under this Contract.
7. In case Input Tax Credit of GST is denied or demand is recovered from OIL by the Central / State Authorities on account of any non-compliance by bidders, including non-payment of GST charged and recovered, the Vendor/Supplier/Contractor shall indemnify OIL in respect of all claims of tax, penalty and/or interest, loss, damages, costs, expenses and liability that may arise due to such non-compliance. OIL, at its discretion, may also withhold/recover such disputed amount from the pending payments of the bidders.

**ANNEXURE – D****PRICE BID FORMAT**

- i) Supply of LT distribution panel (All inclusive- Design, Manufacture, Packing & Forwarding, Supply, Transportation to site)

Line item	Description	Qty.	Unit	Quoted unit Price	Quoted total Price A	Applicable GST B	Freight Charges C	Applicable GST On freight D	Net price E= (A+B+C+D)
10	LT distribution panel	2	NO						

Total cost of supply (E) =

- ii) Supply of Lighting DB (All inclusive- Design, Manufacture, Packing & Forwarding, Supply, Transportation to site)

Line item	Description	Qty.	Unit	Quoted unit Price	Quoted total Price F	Applicable GST G	Freight Charges H	Applicable GST On freight I	Net price J=(F+G+H+I)
20	LT Lighting DB	3	NO						

Total cost of supply (J) =

Grand total cost = (E) + (J) =

Note: Lowest bidder shall be decided based on the total cost of item 10 & 20.

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