

Annexure-I

OIL INDIA LIMITED
(A Government of India Enterprise)
P.O. Duliajan-786602, Assam, India
E-mail: material@oilindia.in

INVITATION FOR BID LOCAL COMPETITIVE BID

OIL INDIA LIMITED invites Local Competitive Bid (LCB) through its e-procurement portal <https://etender.srm.oilindia.in/irj/portal> for the following items:

Tender No	Bid Closing/ Opening Date	Item & Qty
SDI8002P16 DT:29.07.2015	24.09.2015	SEISMIC EXPLOSIVE
SDI8090P16 DT:06.08.2015	24.09.2015	NGR PANEL
SDI8158P16 DT:12.08.2015	01.10.2015	HYDRAULIC PULLER
SDI8089P16 DT:06.08.2015	24.09.2015	FEEDER PILLAR

Tender fee (Non-refundable): Rs 1,000.00; Bid Closing/Opening Time: **(11 Hrs.) IST/(14 Hrs.) IST**; Period of sale of documents **till One week prior to bid closing date**. The complete bid documents and details for purchasing bid documents, participation in E-tenders are available on OIL's e-procurement portal <https://etender.srm.oilindia.in/irj/portal> as well as OIL's website www.oil-india.com.

NOTE: All addenda, Corrigenda, time extension etc. to the tenders will be hosted on above website and e-portal only and no separate notification shall be issued in the press. Bidders should regularly visit above website and e-portal to keep themselves updated.



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

TELEPHONE NO: (91-374) 2808719

FAX NO: (91-374) 2800533

Email: ranjanbarman@oilindia.in ; erp_mm@oilindia.in

FORWARDING LETTER

Tender No. : SDI8089P16/P3 Dtd. 06.08.2015

Tender Fee : Rs 1,000.00

Bid Security Amount : Rs 21,000.00

Bidding Type : SINGLE STAGE COMPOSITE BID SYSTEM

Bid Closing on : As mentioned in the e-portal

Bid Opening on : -do-

Performance Security : Applicable

Integrity Pact : Not Applicable

OIL invites Bids for **Supply of Feeder Pillar** through its e-Procurement site under **SINGLE STAGE COMPOSITE BID SYSTEM**. The bidding documents and other terms and conditions are available at Booklet No. MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders. The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area -> Tender Documents

The general details of tender can be viewed by opening the RFx [Tender] under RFx and Auctions.. The details of items tendered can be found in the Item Data and details uploaded under Technical RFX.

The tender will be governed by:

- a) “General Terms & Conditions” for e-Procurement as per Booklet No. MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders.
- b) Technical specifications and Quantity as per **Annexure – 1A**.
- c) The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area -> Tender Documents.
- d) In the event of receipt of only a single offer against the tender within B.C. date, OIL reserves the right to extend the B.C. date as deemed fit by the Company. During the extended period, the bidders who have already submitted the bids on or before the original B.C. date, shall not be permitted to revise their quotation.
- e) All corrigenda, addenda, amendments, time extension, clarifications etc. To the tender will be hoisted on OIL’s website (www.oil-india.com) and in the e-portal (<https://etenders.srm.oilindia.in/irj/portal>) only and no separate notification shall be issued

in the press. Prospective bidders are requested to regularly visit the website and e-portal to keep themselves updated.

- f) 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).
- g) 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 RFX** Response.

Special Note:

1.0 General Qualification Criteria:

In addition to the general BRC/BEC, following criteria on Bidders' Experience and their financial capabilities shall be considered (**Documentary evidence to be provided along with the bid in Technical RFx -> External Area -> Tender Documents**) as on the Bid Closing Date:

Criteria	Complied / Not Complied. Documentary evidence submitted / not submitted
a) Bidder should have experience of successfully executing (single) similar order of Rs 6.36 Lakhs during last 3 years.	
b) Annual financial turnover of the firm in any of the last 3 financial years or current financial year should not be less than Rs 21.20 Lakhs.	

Note: Documentary evidence in respect of the above should be submitted in the form of copies of relevant Purchase Orders along with copies of any of the documents in respect of satisfactory execution of each of those Purchase Orders, such as – (i) Satisfactory Inspection Report (OR) (ii) Satisfactory Supply Completion / Installation Report (OR) (iii) Consignee Receipted Delivery Challans (OR) (iv) Central Excise Gate Pass / Tax , Invoices issued under relevant rules of Central Excise / VAT (OR) (v) any other documentary evidence that can substantiate the satisfactory execution of each of the purchase orders cited above. For Annual financial turnover enclose the audited Annual Reports or balance sheet certified by a chartered accountant.

2.0 Application showing full address/email address with Tender Fee (Non-refundable) of Rs. 1,000.00 in favour of M/s Oil India Limited and payable at Duliajan is to be sent to Head-Materials, Oil India Limited, P.O. Duliajan, Assam-786602. Application shall be accepted only upto one week prior to Bid Closing date (or as amended in e-portal). The envelope containing the application for participation should clearly indicate “REQUEST FOR ISSUE OF USER ID AND PASSWORD FOR E TENDER NO ...” for easy identification and timely issue of user ID and password. On receipt of requisite tender fee, USER_ID and initial PASSWORD will be communicated to the bidder (through e-mail) and will be allowed to participate in the tender through OIL’s e- Procurement portal. No physical tender documents will be provided. Details

of NIT can be viewed using “Guest Login” provided in the e-Procurement portal. The link to e-Procurement portal has been also provided through OIL’s web site www.oil-india.com.

NOTE:

a) Tender Fee may also be paid online upto one week prior to the bid closing date (or as amended in e-portal).

b) PSUs and SSI units are provided tender documents Free of Cost (as per govt guidelines), however they have to apply to OIL's designated office to issue the tender documents before the last date of sale of tender document mentioned in the tender.

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 **Head 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 triplicate.

4.0 Benefits to Micro & Small Enterprises (MSEs) as per prevailing Govt guidelines as applicable on B.C date shall be given. MSEs who are interested in availing the benefits will upload with their offer proof of their being MSE registered for the item tendered. The MSE are also required to upload scanned copies of relevant documents indicating details of registration alongwith validity, name of the registering organization and details of the item, ownership etc., failing which, their offer may not be liable for consideration of benefits to MSEs.

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 (LCB 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.

NOTE:

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

Yours Faithfully

**Sd-
(R. BARMAN)
SR. MANAGER MATERIALS (IP)
FOR HEAD-MATERIALS**

Tender No & Date: SDI8089P16 Dtd. 06.08.2015**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 LCB 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>A) TECHNICAL:</p> <p>The bid shall conform generally to the terms and conditions given in this document. Notwithstanding the general conformity of the bids to the stipulated specifications, the following requirements will have to be particularly met by the Bidders without which the same will be considered as non-responsive and rejected.</p> <p>B) COMMERCIAL:</p> <p>i). Validity of the bid shall be minimum 120 days from the Bid Closing Date.</p> <p>ii). Bid security: The bid must be accompanied by Bid Security of Rs 21000.00 in OIL's prescribed format as Bank Guarantee or a Bank Draft/Cashier cheque in favour of OIL. The Bid Security may be submitted manually in sealed envelope superscribed with Tender no. and Bid Closing date to Head 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 10 months from Bid closing date. (i.e. upto <u>24.07.2016</u>)</p> <p>Bid Security may also be paid online on or before the Bid Closing Date and Time mentioned in the Tender.</p> <p><u>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</u></p>	

without any further consideration.

For exemption for submission of Bid Security, please refer Clause No. 8.8 of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement LCB 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.

In case of extension of Bid Closing date against the tender where a bidder has already submitted his bid with requisite bid security validity within the original B.C. Date, such bidders will extend validity of bid security covering the extended period of the bid closing date.

iii). Performance Security:

The successful Bidder will have to provide Performance Security @ 10% of order value. The Performance Security must be valid for one year from the date of successful commissioning of the equipment or 18 months from the date of despatch whichever is earlier.

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.

For exemption for submission of Performance Security, please refer Clause No. 9.12 of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders.

- iv).** *The Bank Guarantee should be allowed to be encashed at all branches within India.*
- 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) Average Annual Turnover of a bidder lower than the average Annual turnover mentioned in the Tender.**

2.0 BID EVALUATION CRITERIA (BEC)

The bids conforming to the terms and conditions stipulated in the tender and considered to be responsive after subjecting to the Bid Rejection Criteria as well as verification of original of any or all documents/ documentary evidences pertaining to BRC, will be considered for further evaluation as per the Bid Evaluation Criteria given below.

A) COMMERCIAL:

- i). To evaluate the inter-se-ranking of the offers, Assam Entry Tax on purchase value will be loaded as per prevailing Govt. of Assam guidelines as applicable on bid closing date. Bidders may check this with the appropriate authority while submitting their offer.
- ii). 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 NIT terms and conditions of NIT.

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TECHNICAL SPECIFICATIONS WITH QUANTITY

Tender No & Date: SDI8089P16 Dtd. 06.08.2015

	Complied / Not Complied. (Remarks if any)
<p>ITEM NO. 10 FEEDER PILLAR, (QTY- 01 NO.)</p> <p>Feeder Pillar Details:</p> <p>A. CONSTRUCTIONAL DETAIL</p> <p>Sheet steel clad, Self supporting, outdoor and cubicle type, dust, vermin and weatherproof, LT Feeder Pillar suitable for mounting on concrete foundation. Enclosure to be made of 2.0mm thick CRCA sheets. The feeder pillar shall be made with 3.15 mm thick CRCA sheet and angle iron and channel as required.</p> <p>IP-55 enclosure</p> <p>Lifting hooks shall be provided.</p> <p>The door shall be in parts and shall have locking arrangement with special type key and additionally facility for padlock shall be provided. Doors shall be provided on both sides. Danger Plate fitted on both sides.</p> <p>Canopy type sloping roof, in addition to the main enclosure roof, shall be provided to prevent accumulation of rain water and provide additional protection against water leakage. The roof extension shall cover the top side of doors to prevent leakage of water.</p> <p>Feeder pillar shall have a heavy duty base framework. The frame design shall be such that the height between bottom cable entry plate and the connection hole of brought out link of incoming, outgoing MCCBs shall be 450mm. There shall be removable panels of 2.0 mm thick CRCA sheet steel on all the four sides of the base frame so that cables are not visible.</p> <p>The entire sheet-work shall be given seven tank anti-rust treatment as per IS and then powder coated (min 50 micron thick) in DA Grey colour. The design should be as per IS-8623, 13947, 13703, 4237. Protection as per IP-54. Ambient-40°C (Max)/ 5°C (Min), Humidity-95% (Max). All components used must be suitable for the environment as mentioned. All hardwares should be of high tensile steel & Zinc passivated. Size of spring washers & flat washers should be as per relevant IS for individual bolt.</p> <p>All the components shall be mounted on separate steel plate with necessary stiffeners or suitable channels so that all the components can be checked and replaced from front side after opening the door.</p> <p>All incoming and outgoing cables shall enter the enclosure from bottom side. Bottom plate shall have individual removable gland plates for all cables. These removable plates shall be accessible and removable from inside. All cable entry plates shall have knockouts.</p> <p>Feeder pillar base channel shall have facility for grouting on cement concrete pedestal.</p> <p>B. DETAIL OF COMPONENTS:</p> <p>INCOMER</p> <p>Two no. 400 amp, 415v, FP, 50 kA fault level, MCCB in built fitted with Microprocessor release unit providing adjustable (current and time)with, overload, short circuit and earth fault releases and a 230 V AC shunt trip as incomer. The outgoing of incomer shall terminate on 800 amp (Free air rating of bars) TPN busbar of rectangular sections of aluminium conforming to IS</p>	

8084. Rating of neutral bar minimum 50 % of phase bus rating. PVC insulated busbar supported on GRP/SMC supports suitable for 50 kA fault level.

Brought type Terminal links of rectangular sections of aluminium confirming to IS 5082 shall be provided at incomer side of MCCB for terminating incoming supply cable. Cable size: 1 no. of 3.5x 240 sq mm PVCA, stranded aluminium cable.

Two Three Phase Digital Multifunction meter, (V+A+Hz+KW+PF+KWH with RS 485 port),HRC Fuses (GE Power Controls make) and Six nos metering class CTs. CTR-1000/5, 15 VA, Class 1 of IS:2705, shall be mounted inside the enclosure. Accuracy- 0.5%.

Meters shall be installed inside the enclosure.

OUTGOINGS

1) four nos. 250 amp, 415v, FP, 36 kA fault level, MCCB fitted in built Microprocessor based trip unit providing adjustable (current and time) overload, short circuit and earth fault protection releases.Brought type Terminal links of rectangular sections of aluminium confirming to IS 5082 shall be provided at outgoing side of MCCBs for terminating outgoing supply cable. Cable size 3.5x 120 sq mm PVCA, stranded aluminium cable.

2) Two nos. 160 amp, 415v, FP, 36 kA fault level, MCCB fitted in built Microprocessor based trip unit providing adjustable (current and time) overload, short circuit and earth fault protection releases.Brought type Terminal links of rectangular sections of aluminium confirming to IS 5082 shall be provided at outgoing side of MCCBs for terminating outgoing supply cable. Cable size 3.5x 120 sq mm PVCA, stranded aluminium cable.

C. GENERAL FEATURES:

1. All connection links between busbar and MCCBs & brought out links shall be made with rectangular sections of aluminium confirming to IS 5082. Current rating of links shall be minimum 1.5 times (rating for unassembled sections) the device rating. Spreader bars supplied by MCCB manufacturer shall be used for all incoming and outgoing terminations for all MCCBs.

2. All control wiring shall be done with single core 2.5 sqmm, PVC insulated, 1100v grade, ISI approved stranded copper cable.

3. All control cable ends shall have crimped copper lugs for proper termination and ferrules for identification.

4. All panel doors shall be earthed.

5. There shall not be any Bimetallic joints in the links connection.

6. Special non-deteriorating Neoprene rubber gaskets shall be provided at door.

7. Enclosure protection shall be as per IP-55.

8. Sufficient space should be provided for proper glanding, dressing, connecting up and maintenance of all cables. Sufficient nos. of cable entry holes shall be provided in the bottom plate.

9. All components shall be accessible only after opening the doors.

10. All cable entries shall be done from bottom side. Separate detachable type gland plates shall be provided for all cables. One additional cable entry gland plate shall be provided.

11. One 50 x 6 mm GI strap shall be provided at bottom side inside the enclosure for earthing all internal components and enclosure. Both ends of this bar shall project 75mm outside the enclosure and shall have 12 mm dia hole for connection of external earth.

12. All items shall be duly fixed with zinc passivated high tension hardwares. DIN channel may be used for components having facility to mount on DIN channel.

13. All items of the feeder pillar must be approved by ISI or IEC (with latest amendments) for performance and safety.

14. All items shall be labeled.

<p>15. A screen printed drawing of complete circuits shall be pasted on the inside of door. One screen printed sheet shall be mounted inside the FP door, mentioning OIL#s order no, WBS no (Provided by OIL at the time of drawing approval).</p> <p>16. One outdoor type screen printed sheet mentioning order no, WBS shall also be pasted on the outside of the enclosure.</p> <p>17. Feeder pillar and all its components shall be guaranteed for one year from the date of receipt at site.</p> <p>18. Works Test Certificate for routine tests as per IS-8623, 5039, 12063 (with calibrated testing equipment) and wiring diagrams should be provided along with the Equipment. Test certificate of MCCBs is also required.</p> <p>19. The following documents are required to be submitted with the offer.</p> <p>(i) Confirmation that the offered feeder pillar shall confirm to all the points of the tender.</p> <p>ii)The bidder shall have to submit copy of following documents from CPRI or any other organisation accredited by National Accreditation Board for Testing and Calibration Laboratoies, Govt of India alongwith the offer :</p> <p>a) Copy of test certificate for busbar fault level of 50kA</p> <p>b) Copy of Temp rise test of busbar as per IS.</p> <p>c) Copy of Short time current withstand test (50 kA for 1 sec).</p> <p>iii)Degree of protection of the LT PCC panel shall be minimum IP55.Documentary evidence for the same shall be furnished along with the offer.</p> <p>(iv) General arrangement drawing of the FP.</p> <p>20. Detail foundation drawing, drawing of feeder pillar showing termination details, wiring diagram and complete bill of material must be submitted to OIL for approval within 15days after placement of the order. The manufacture should start after approval of the drawings by OIL. In case of an order on the party complete tender specs and the deviations accepted by OIL in writing shall only be mentioned in the order.</p> <p>21. The feeder pillar shall be inspected by OIL at manufacturer#s works before dispatch and all routine tests shall be witnessed during inspection. Party to inform OIL for inspection minimum 15 days before dispatch. All routine tests as per ISI shall be done at the time of inspection.</p> <p>22. Make of components: MCCB- Legrand/ Merlin Gerin/ Siemens. HRC Fuse/ Holder- GE. Cables for wiring- Finolex/ Havell#s, L&T. Cable lugs- Dowells. Meters- Conserv, HPL-Socomac. CTs- Kappa/ AE/ L&T.</p>	
<p>ITEM NO. 20 FEEDER PILLAR, (QTY- 01 NO.)</p> <p>Feeder Pillar Details:</p> <p>A. CONSTRUCTIONAL DETAIL</p> <p>Sheet steel clad, Self supporting, outdoor and cubicle type, dust, vermin and weatherproof, LT Feeder Pillar suitable for mounting on concrete foundation. Enclosure to be made of 2.0mm thick CRCA sheets. The feeder pillar shall be made with 3.15 mm thick CRCA sheet and angle iron and channel as required.</p> <p>IP-55 enclosure</p> <p>Lifting hooks shall be provided.</p> <p>The door shall be in parts and shall have locking arrangement with special type key and additionally facility for padlock shall be provided. Doors shall be provided on both sides. Danger Plate fitted on both sides.</p> <p>Canopy type sloping roof, in addition to the main enclosure roof, shall be provided to prevent</p>	

accumulation of rain water and provide additional protection against water leakage. The roof extension shall cover the top side of doors to prevent leakage of water.

Feeder pillar shall have a heavy duty base framework. The frame design shall be such that the height between bottom cable entry plate and the connection hole of brought out link of incoming, outgoing MCCBs shall be 450mm. There shall be removable panels of 2.0 mm thick CRCA sheet steel on all the four sides of the base frame so that cables are not visible.

The entire sheet-work shall be given seven tank anti-rust treatment as per IS and then powder coated (min 50 micron thick) in DA Grey colour. The design should be as per IS-8623, 13947, 13703, 4237. Protection as per IP-54. Ambient-40°C (Max)/ 5°C (Min), Humidity-95% (Max). All components used must be suitable for the environment as mentioned. All hardwares should be of high tensile steel & Zinc passivated. Size of spring washers & flat washers should be as per relevant IS for individual bolt.

All the components shall be mounted on separate steel plate with necessary stiffeners or suitable channels so that all the components can be checked and replaced from front side after opening the door.

All incoming and outgoing cables shall enter the enclosure from bottom side. Bottom plate shall have individual removable gland plates for all cables. These removable plates shall be accessible and removable from inside. All cable entry plates shall have knockouts.

Feeder pillar base channel shall have facility for grouting on cement concrete pedestal.

B. DETAIL OF COMPONENTS:

INCOMER

Two no. 400 amp, 415v, FP, 50 kA fault level, MCCB in built fitted with Microprocessor release unit providing adjustable (current and time) with, overload, short circuit and earth fault releases and a 230 V AC shunt trip as incomer. The outgoing of incomer shall terminate on 800 amp (Free air rating of bars) TPN busbar of rectangular sections of aluminium confirming to IS 8084. Rating of neutral bar minimum 50 % of phase bus rating. PVC insulated busbar supported on GRP/SMC supports suitable for 50 kA fault level.

Brought type Terminal links of rectangular sections of aluminium confirming to IS 5082 shall be provided at incomer side of MCCB for terminating incoming supply cable. Cable size: 1 no. of 3.5x 240 sq mm PVCA, stranded aluminium cable.

Two Three Phase Digital Multifunction meter, (V+A+Hz+KW+PF+KWH with RS 485 port), HRC Fuses (GE Power Controls make) and Six nos metering class CTs. CTR-1000/5, 15 VA, Class 1 of IS:2705, shall be mounted inside the enclosure. Accuracy- 0.5%.

Meters shall be installed inside the enclosure.

OUTGOINGS

1) four nos. 250 amp, 415v, FP, 36 kA fault level, MCCB fitted in built Microprocessor based trip unit providing adjustable (current and time) overload, short circuit and earth fault protection releases. Brought type Terminal links of rectangular sections of aluminium confirming to IS 5082 shall be provided at outgoing side of MCCBs for terminating outgoing supply cable. Cable size 3.5x 120 sq mm PVCA, stranded aluminium cable.

2) Two nos. 160 amp, 415v, FP, 36 kA fault level, MCCB fitted in built Microprocessor based trip unit providing adjustable (current and time) overload, short circuit and earth fault protection releases. Brought type Terminal links of rectangular sections of aluminium confirming to IS 5082 shall be provided at outgoing side of MCCBs for terminating outgoing supply cable. Cable size 3.5x 120 sq mm PVCA, stranded aluminium cable.

C. GENERAL FEATURES:

1. All connection links between busbar and MCCBs & brought out links shall be made with rectangular sections of aluminium conforming to IS 5082. Current rating of links shall be minimum 1.5 times (rating for unassembled sections) the device rating. Spreader bars supplied by MCCB manufacturer shall be used for all incoming and outgoing terminations for all MCCBs.
2. All control wiring shall be done with single core 2.5 sqmm, PVC insulated, 1100v grade, ISI approved stranded copper cable.
3. All control cable ends shall have crimped copper lugs for proper termination and ferrules for identification.
4. All panel doors shall be earthed.
5. There shall not be any Bimetallic joints in the links connection.
6. Special non-deteriorating Neoprene rubber gaskets shall be provided at door.
7. Enclosure protection shall be as per IP-55.
8. Sufficient space should be provided for proper glanding, dressing, connecting up and maintenance of all cables. Sufficient nos. of cable entry holes shall be provided in the bottom plate.
9. All components shall be accessible only after opening the doors.
10. All cable entries shall be done from bottom side. Separate detachable type gland plates shall be provided for all cables. One additional cable entry gland plate shall be provided.
11. One 50 x 6 mm GI strap shall be provided at bottom side inside the enclosure for earthing all internal components and enclosure. Both ends of this bar shall project 75mm outside the enclosure and shall have 12 mm dia hole for connection of external earth.
12. All items shall be duly fixed with zinc passivated high tension hardwares. DIN channel may be used for components having facility to mount on DIN channel.
13. All items of the feeder pillar must be approved by ISI or IEC (with latest amendments) for performance and safety.
14. All items shall be labeled.
15. A screen printed drawing of complete circuits shall be pasted on the inside of door. One screen printed sheet shall be mounted inside the FP door, mentioning OIL#s order no, WBS no (Provided by OIL at the time of drawing approval).
16. One outdoor type screen printed sheet mentioning order no, WBS shall also be pasted on the outside of the enclosure.
17. Feeder pillar and all its components shall be guaranteed for one year from the date of receipt at site.
18. Works Test Certificate for routine tests as per IS-8623, 5039, 12063 (with calibrated testing equipment) and wiring diagrams should be provided along with the Equipment. Test certificate of MCCBs is also required.
19. The following documents are required to be submitted with the offer.
 - (i) Confirmation that the offered feeder pillar shall conform to all the points of the tender.
 - ii) The bidder shall have to submit copy of following documents from CPRI or any other organisation accredited by National Accreditation Board for Testing and Calibration Laboratories, Govt of India alongwith the offer :
 - a) Copy of test certificate for busbar fault level of 50kA
 - b) Copy of Temp rise test of busbar as per IS.
 - c) Copy of Short time current withstand test (50 kA for 1 sec).
 - iii) Degree of protection of the LT PCC panel shall be minimum IP55. Documentary evidence for the same shall be furnished along with the offer.

<p>(iv) General arrangement drawing of the FP.</p> <p>20. Detail foundation drawing, drawing of feeder pillar showing termination details, wiring diagram and complete bill of material must be submitted to OIL for approval within 15days after placement of the order. The manufacture should start after approval of the drawings by OIL. In case of an order on the party complete tender specs and the deviations accepted by OIL in writing shall only be mentioned in the order.</p> <p>21. The feeder pillar shall be inspected by OIL at manufacturer#s works before dispatch and all routine tests shall be witnessed during inspection. Party to inform OIL for inspection minimum 15 days before dispatch. All routine tests as per ISI shall be done at the time of inspection.</p> <p>22. Make of components: MCCB- Legrand/ Merlin Gerin/ Siemens. HRC Fuse/ Holder- GE. Cables for wiring- Finolex/ Havell#s, L&T. Cable lugs- Dowells. Meters- Conserv, HPL-Socomac. CTs- Kappa/ AE/ L&T.</p>	
<p>ITEM NO. 30 FEEDER PILLAR, (QTY- 01 NO.)</p> <p>Feeder Pillar Details:</p> <p>A. CONSTRUCTIONAL DETAIL Sheet steel clad, Self supporting, outdoor and cubicle type, dust, vermin and weatherproof, LT Feeder Pillar suitable for mounting on concrete foundation. Enclosure to be made of 2.0mm thick CRCA sheets. The feeder pillar shall be made with 3.15 mm thick CRCA sheet and angle iron and channel as required. IP-55 enclosure Lifting hooks shall be provided. The door shall be in parts and shall have locking arrangement with special type key and additionally facility for padlock shall be provided. Doors shall be provided on both sides. Danger Plate fitted on both sides. Canopy type sloping roof, in addition to the main enclosure roof, shall be provided to prevent accumulation of rain water and provide additional protection against water leakage. The roof extension shall cover the top side of doors to prevent leakage of water. Feeder pillar shall have a heavy duty base framework. The frame design shall be such that the height between bottom cable entry plate and the connection hole of brought out link of incoming, outgoing MCCBs shall be 450mm. There shall be removable panels of 2.0 mm thick CRCA sheet steel on all the four sides of the base frame so that cables are not visible. The entire sheet-work shall be given seven tank anti-rust treatment as per IS and then powder coated (min 50 micron thick) in DA Grey colour. The design should be as per IS-8623, 13947,13703, 4237. Protection as per IP-54. Ambient-40°C (Max)/ 5°C (Min), Humidity-95% (Max). All components used must be suitable for the environment as mentioned. All hardwares should be of high tensile steel & Zinc passivated. Size of spring washers & flat washers should be as per relevant IS for individual bolt. All the components shall be mounted on separate steel plate with necessary stiffeners or suitable channels so that all the components can be checked and replaced from front side after opening the door. All incoming and outgoing cables shall enter the enclosure from bottom side. Bottom plate shall have individual removable gland plates for all cables. These removable plates shall be accessible and removable from inside. All cable entry plates shall have knockouts. Feeder pillar base channel shall have facility for grouting on cement concrete pedestal.</p>	

B. DETAIL OF COMPONENTS:

INCOMER

Two no. 400 amp, 415v, FP, 50 kA fault level, MCCB in built fitted with Microprocessor release unit providing adjustable (current and time)with, overload, short circuit and earth fault releases and a 230 V AC shunt trip as incomer. The outgoing of incomer shall terminate on 800 amp (Free air rating of bars) TPN busbar of rectangular sections of aluminium confirming to IS 8084. Rating of neutral bar minimum 50 % of phase bus rating. PVC insulated busbar supported on GRP/SMC supports suitable for 50 kA fault level.

Brought type Terminal links of rectangular sections of aluminium confirming to IS 5082 shall be provided at incomer side of MCCB for terminating incoming supply cable. Cable size: 1 no. of 3.5x 240 sq mm PVCA, stranded aluminium cable.

Two Three Phase Digital Multifunction meter, (V+A+Hz+KW+PF+KWH with RS 485 port),HRC Fuses (GE Power Controls make) and Six nos metering class CTs. CTR-1000/5, 15 VA, Class 1 of IS:2705, shall be mounted inside the enclosure. Accuracy- 0.5%.

Meters shall be installed inside the enclosure.

OUTGOINGS

1) four nos. 250 amp, 415v, FP, 36 kA fault level, MCCB fitted in built Microprocessor based trip unit providing adjustable (current and time) overload, short circuit and earth fault protection releases.Brought type Terminal links of rectangular sections of aluminium confirming to IS 5082 shall be provided at outgoing side of MCCBs for terminating outgoing supply cable. Cable size 3.5x 120 sq mm PVCA, stranded aluminium cable.

2) Two nos. 160 amp, 415v, FP, 36 kA fault level, MCCB fitted in built Microprocessor based trip unit providing adjustable (current and time) overload, short circuit and earth fault protection releases.Brought type Terminal links of rectangular sections of aluminium confirming to IS 5082 shall be provided at outgoing side of MCCBs for terminating outgoing supply cable. Cable size 3.5x 120 sq mm PVCA, stranded aluminium cable.

C. GENERAL FEATURES:

1. All connection links between busbar and MCCBs & brought out links shall be made with rectangular sections of aluminium confirming to IS 5082. Current rating of links shall be minimum 1.5 times (rating for unassembled sections) the device rating. Spreader bars supplied by MCCB manufacturer shall be used for all incoming and outgoing terminations for all MCCBs.

2. All control wiring shall be done with single core 2.5 sqmm, PVC insulated, 1100v grade, ISI approved stranded copper cable.

3. All control cable ends shall have crimped copper lugs for proper termination and ferrules for identification.

4. All panel doors shall be earthed.

5. There shall not be any Bimetallic joints in the links connection.

6. Special non-deteriorating Neoprene rubber gaskets shall be provided at door.

7. Enclosure protection shall be as per IP-55.

8. Sufficient space should be provided for proper glanding, dressing, connecting up and maintenance of all cables. Sufficient nos. of cable entry holes shall be provided in the bottom plate.

9. All components shall be accessible only after opening the doors.

10. All cable entries shall be done from bottom side. Separate detachable type gland plates shall be provided for all cables. One additional cable entry gland plate shall be provided.

11. One 50 x 6 mm GI strap shall be provided at bottom side inside the enclosure for earthing

all internal components and enclosure. Both ends of this bar shall project 75mm outside the enclosure and shall have 12 mm dia hole for connection of external earth.

12. All items shall be duly fixed with zinc passivated high tension hardwares. DIN channel may be used for components having facility to mount on DIN channel.

13. All items of the feeder pillar must be approved by ISI or IEC (with latest amendments) for performance and safety.

14. All items shall be labeled.

15. A screen printed drawing of complete circuits shall be pasted on the inside of door. One screen printed sheet shall be mounted inside the FP door, mentioning OIL#s order no, WBS no (Provided by OIL at the time of drawing approval).

16. One outdoor type screen printed sheet mentioning order no, WBS shall also be pasted on the outside of the enclosure.

17. Feeder pillar and all its components shall be guaranteed for one year from the date of receipt at site.

18. Works Test Certificate for routine tests as per IS-8623, 5039, 12063 (with calibrated testing equipment) and wiring diagrams should be provided along with the Equipment. Test certificate of MCCBs is also required.

19. The following documents are required to be submitted with the offer.

(i) Confirmation that the offered feeder pillar shall confirm to all the points of the tender.

ii)The bidder shall have to submit copy of following documents from CPRI or any other organisation accredited by National Accreditation Board for Testing and Calibration Laboratoies, Govt of India alongwith the offer :

a) Copy of test certificate for busbar fault level of 50kA

b) Copy of Temp rise test of busbar as per IS.

c) Copy of Short time current withstand test (50 kA for 1 sec).

iii)Degree of protection of the LT PCC panel shall be minimum IP55.Documentary evidence for the same shall be furnished along with the offer.

(iv) General arrangement drawing of the FP.

20. Detail foundation drawing, drawing of feeder pillar showing termination details, wiring diagram and complete bill of material must be submitted to OIL for approval within 15days after placement of the order. The manufacture should start after approval of the drawings by OIL. In case of an order on the party complete tender specs and the deviations accepted by OIL in writing shall only be mentioned in the order.

21. The feeder pillar shall be inspected by OIL at manufacturer#s works before dispatch and all routine tests shall be witnessed during inspection. Party to inform OIL for inspection minimum 15 days before dispatch. All routine tests as per ISI shall be done at the time of inspection.

22. Make of components:

MCCB- Legrand/ Merlin Gerin/ Siemens. HRC Fuse/ Holder- GE. Cables for wiring- Finolex/ Havell#s, L&T. Cable lugs- Dowells. Meters- Conserv, HPL-Socomac. CTs- Kappa/ AE/ L&T.

NOTE:

1.Offer shall be complete in all respect to meet the technical specifications and general notes of the tender.

2.Bidder shall be a panel manufacturer/channel partner /authorized dealer of 415V AC PCC panels/switchboards. In case of authorized dealer/ Channel partner and offering on behalf of OEM, the bidder

shall submit copy of valid dealership/channel partner certificate/authorization letter from the OEM along with the offer.

3. The bidder (manufacturer/channel partner) shall have experience of design, manufacturing, and supply of minimum 1 set of 415V or LT MCC/ PCC panel or feeder pillar with 630A/800A (minimum) MCCB or Air Circuit Breaker in any central Govt./Govt.PSU/Public Limited Companies during last 5 years as on bid closing date of this tender. Documentary evidence shall have to be submitted alongwith the offer.

4. The bidder shall have to submit copy of following documents from CPRI or any other organisation accredited by National Accreditation Board for Testing and Calibration Laboratories, Govt of India alongwith the offer :

- i) Copy of test certificate for busbar fault level of 50kA
- (ii) Copy of Temp rise test of busbar as per IS.
- (iii) Short time current withstand test (50 kA for 1 sec).

5. Degree of protection of the Feeder Pillar shall be minimum IP55. Documentary evidence for the same shall be furnished along with the offer.

6. The general arrangement drawing of the feeder pillars shall be submitted alongwith the offer.

7. The feeder pillar shall be inspected by OIL at manufacturer's works before dispatch and all routine tests shall be witnessed during inspection. Party to inform OIL for inspection minimum 15 days before dispatch. All routine tests as per ISI shall be done at the time of inspection.

8. Feeder pillar and all its components shall be guaranteed for one year from the date of receipt at site.

9. Works Test Certificate for routine tests as per IS-8623, 5039, 12063 (with calibrated testing equipment) and wiring diagrams should be provided along with the Equipment. Test certificate of MCCBs is also be submitted alongwith the equipment.

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

Technical Bid Checklist**Annexure-EEE**

Tender No.			
Bidder's Name :			
		Compliance by Bidder	
SL. NO.	BEC / TENDER REQUIREMENTS	Indicate 'Confirmed' / 'Not Confirmed' / Not applicable	Indicate Corresponding page ref. of unpriced bid or Comments
1	Bidder to confirm that he has not taken any exception/deviations to the bid document .		
2	Confirm that the product offered strictly conform to the technical specifications.		
3	Confirm that the Offer has been made with Bid Bond / Bank Guarantee / Earnest Money along with the offer (Wherever Applicable) ?		
4	Confirm unconditional validity of the bid for 120 days from the date of opening of techno-commercial bid.		
5	Confirm that the prices offered are firm and / or without any qualifications?		
6	Confirm that all relevant fields in the on-line bidding format been filled in by the bidders for the items quoted by them.		
7	Confirm that the the price bid is in conformity with OIL's online bidding format ?		
8	Confirm that the Bid comply with all the terms & conditions ?		
9	Confirm that the offers and all attached documents are digitally signed using digital signatures issued by an acceptable Certifying Authority (CA) as per Indian IT Act 2000.		
10	CONFIRM THAT YOU HAVE SUBMITTED THE DULY SIGNED INTEGRITY PACT DOCUMENT (Wherever Applicable)		
11	CONFIRM THAT YOU HAVE SHALL SUBMIT PERFORMANCE BANK GUARANTEE AS PER NIT IN THE EVENT OF PLACEMENT OF ORDER ON YOU (Wherever Applicable)		
12	CONFIRM THAT YOU HAVE SUBMITTED DOCUMENTS AS PER GENERAL QUALIFICATION CRITERIA		
13	Confirm that you have submitted Name and Full Address of Issuing Bank including Telephone, Fax Nos and Email id of branch manager where Bid security has been submitted as Bank Guarantee.		

NOTE: Please fill up the greyed cells only.

Response Sheet**Annexure-FFF**

Tender No.	
Bidders Name	

Bidders Response Sheet

Sl No.	Description	Remarks
1	Name of Bidder	
2	Whether tender document purchased from OIL's offices.	
3	Place of Despatch	
4	Whether Freight charges have been included in your quoted prices	
5	Whether Insurance charges have been included in your quoted prices	
6	Make of quoted Product	
7	Offered Validity of Bid as per NIT	
8	Delivery Period in weeks from placement of order	
9	Complied to Standard Payment Terms of OIL or not.	
10	Bid Security Submitted (if applicable)	
11	Details of Bid Security Submitted to OIL (if applicable)	
	a) Bid Security Amount (In Rs):	
	b) Bid Security Valid upto:	
12	If Bid security submitted as Bank Guarantee, Name and Full Address of Issuing Bank including Telephone, Fax Nos and Email id of branch manager	
13	Bid Security if Not submitted reasons thereof	
14	Whether you shall submit Performance Security in the event of placement of order on you (if applicable)	
15	Integrity Pact Submitted (if applicable)	
16	Whether submitted documents in support of General Qualification criteria of NIT	
17	If bidder is Small scale unit whether you have quoted your own product	
18	If bidder is Small scale unit whether you are eligible for purchase preference (as per Govt guidelines)	
19	Whether filled up the bank details for online payment as per Annexure GGG	

NOTE: Please fill up the greyed cells only.

ANNEXURE - GGG

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

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

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

Office Seal

.....
Signature of Vendor

Counter Signed by Banker:
Seal of Bank:

Enclosure: Self attested photocopies of the following documents-

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