

Annexure-II

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

INVITATION FOR 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:

E-Tender No	Bid Closing/Opening Date	Item Description
SDI8849P16 Dt. 12.10.2015 (Single Stage Two Bid System)	03.12.2015	ELECTRICAL PMCC PANEL (QTY. – 15 NOS.)
SDI8859P16 Dt. 13.10.2015 (Single Stage Two Bid System)	03.12.2015	ELECTRICAL LIGHTING SYSTEM (QTY.- 01 NO.)

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. : SDI8859P16 DT: 13.10.2015

Tender Fee : Rs 1,000.00

Bid Security Amount : Rs 1,24,000.00

Bidding Type : SINGLE STAGE TWO BID SYSTEM

Bid Closing on : As mentioned in the e-portal

Bid Opening on : -do-

Performance Security : Applicable

Integrity Pact : Applicable

OIL invites Bids for **SUPPLY, INSTALLATION & COMMISSIONING OF LIGHTING SYSTEM – 12 NOS** through its e-Procurement site under **SINGLE STAGE TWO 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) Annual financial turnover of the firm in any of the last 3 financial years or current financial year should not be less than Rs 123.84 Lakhs.	

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 the 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 The tender is invited under SINGLE STAGE-TWO BID SYSTEM. The bidders are required to submit both the “TECHNO-COMMERCIAL UNPRICED BID” and “PRICED BID” through electronic format in the OIL’s e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender.

3.1 Please ensure that Technical Bid / all technical related documents related to the tender are uploaded in the Technical RFx Response-> User - > Technical Bid only. The “TECHNO-COMMERCIAL UNPRICED BID” shall contain all techno-commercial details except the prices. Please note that no price details should be uploaded in Technical RFx Response.

3.2 The “PRICE BID” must contain the price schedule and the bidder’s commercial terms and conditions. The prices of the items should be quoted in “Conditions Tab”. Details of prices as per Bid format / Commercial bid can be uploaded as Attachment under the attachment option under “Notes & Attachments”.

3.3 A screen shot in this regard is given below. Offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in Annexure-CCC.

Display RFx Response:

Edit | Print Preview | **Technical RFx Response** | Close | Withdraw | View

RFx Response Number 60006452 RFx Number TEST2 Status Submitted
RFx Owner WIPRO_TEST1 Total Value 0.00 INR RFx Response Value

RFx Information | Items | Notes and Attachments | Conditions

Basic Data | Questions

Event Parameters

Currency: Indian Rupee

Detailed Price Information: Price with Conditions

Terms of Payment: 9010 90% against despatch+10% after receipt

Partners and Delivery Information

Details | Send E-Mail | Call | Clear

Function	Number	Name	Valid fr
The table does not contain any data			

Service and Delivery
Incoterms
and Statistics
Created On
Created By
Last Processed On
Last Processed By

On “EDIT” Mode- The following screen will appear. Bidders are advised to Upload “Techno-Commercial Unpriced Bid” and “Priced Bid” in the places as indicated above:

Note :

* The “Techno-Commercial Unpriced Bid” shall contain all techno-commercial details **except the prices.**

** The “Price bid” must contain the price schedule and the bidder’s commercial terms and conditions. For uploading Price Bid, first click on Sign Attachment, a browser window will open, select the file from the PC and click on Sign to sign the Sign. On Signing a new file with extension .SSIG will be created. Close that window. Next click on Add Attachment, a browser window will open, select the .SSIG signed file from the PC and name the file under Description, Assigned to General Data and clock on OK to save the File.

4.0 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.

5.0 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.

6.0 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.

- 7.0 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.
- 8.0 Bid must be submitted electronically only through OIL's e-procurement portal. Bid submitted in any other form will be rejected.
- 9.0 **SINGLE STAGE TWO BID SYSTEM** shall be followed for this tender and only the PRICED-BIDS of the bidders whose offers are commercially and technically acceptable shall be opened for further evaluation.
- 10.0 a) **The Integrity Pact is applicable against this tender. Therefore, please submit the Integrity Pact document duly signed along with your quotation as per BRC. OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure DDD of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be submitted by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who sign the Bid. If any bidder refuses to sign Integrity Pact or declines to submit Integrity Pact with the offer, their bid shall be rejected straightway".**

b) The name of the OIL's Independent External Monitors at present are as under:

SHRI RAGHAW SHARAN PANDEY, IAS (Retd.),
Former Secretary, MOP & NG,
e-Mail ID : rspandey_99@yahoo.com
SHRI RAJIV MATHUR, IPS (Retd.)
Former Director, IB, Govt. of India,
e-Mail ID : rajivmathur23@gmail.com

- 11.0 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.
- 12.0 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.
- 13.0 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**

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>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>A) TECHNICAL:</p> <p>1. Bidder must quote for both supply and installation & commissioning of the lighting system at OIL’s designated installations.</p> <p>2. Bidder quoting on behalf of the OEM must submit authorized dealership certificate/authorization certificate for the lighting system components (transformers and distribution boards) along with the offer.</p> <p>3. Bidder must submit type test certificates for the lighting system components (offered/equivalent/higher range for dry type copper winding power transformers and LT distribution panel) from CPRI or any NABL accredited reputed test laboratory.</p> <p>4. Bidder or their OEM shall have the following credentials:</p> <p>i) Minimum 05 (five) years (till the bid closing date) experience in design, fabrication and testing, manufacture, supply and commissioning of dry type power transformers. During these years bidder or their OEM should have supplied minimum 05 (five) nos. of such dry type power transformers to Govt./semi-govt./PSUs/public limited companies.</p>	

ii) Minimum 05 (five) years (till the bid closing date) experience in design, fabrication and testing, manufacture, supply and commissioning of LT lighting panel/PCC/MCC/PMCCs. During these years bidder or their OEM should have supplied minimum 05 (five) nos. of such lighting/power distribution boards/panels to Govt./semi-govt./PSUs/public limited companies.

B) COMMERCIAL:

i). Validity of the bid shall be minimum 120 days from the Bid Closing Date.

ii). Bid security:

The bid must be accompanied by Bid Security of **Rs 1,24,000.00** 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 03.10.2016).**

Bid Security may also be paid online on or before the Bid Closing Date and Time mentioned in the Tender.

If bid security in ORIGINAL of above mentioned Amount and Validity is not received or paid online within bid closing date and time, the bid submitted through electronic form will be rejected without any further consideration.

For exemption for submission of Bid Security, please refer Clause No. 8.8 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). Bids are invited under “Single Stage Two Bid System”. Bidders have to submit both the “Techno-commercial Unpriced Bids” and “Priced Bids” through electronic form in the OIL’s e-Tender portal within the bid Closing date and time stipulated in the e-tender. The Techno-commercial

<p>Unpriced bid is to be submitted as per scope of works and Technical specification of the tender and the priced bid as per the online Commercial bid format. For details of submission procedure, please refer relevant para of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders. Any offer not complying with the above shall be rejected straightway.</p> <p>iv). Performance Security:</p> <p>a) The successful Bidder will have to provide Performance Security @ 10% of total cost of Equipment. 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.</p> <p><u>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.</u></p> <p>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.</p> <p>v). <i>The Bank Guarantee should be allowed to be encashed at all branches within India.</i></p> <p>vi). 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.</p> <p>vii). 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.</p> <p>viii). All the Bids must be Digitally Signed using “Class 3” digital certificate with Organisation’s name (<i>e-commerce application</i>) 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.</p> <p>ix). Technical RFx Response folder is meant for Technical bid only. Therefore, No price should be given in Technical RFx Response folder, otherwise the offer will be rejected.</p> <p>x). Price should be maintained in the “online price schedule” only. The price submitted other than the “online price schedule” shall not be considered.</p>	
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xi). Integrity Pact :

OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure DDD of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be submitted by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who sign the Bid. If any bidder refuses to sign Integrity Pact or declines to submit Integrity Pact with the offer, their bid shall be rejected straightway".

xii). 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) In case the Party refuses to sign Integrity Pact.**
- (e) 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) TECHNICAL:

- (i) Offers which meet the BRC requirement clauses as above shall be evaluated only.
- (ii) Lowest (L1) bidder will be awarded the contract. In case of identical lowest offered rates by more than 1(one) bidder, the selection will be made by draw of lot among the bidders offering the identical lowest rates.

B) 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) Priced bids of only those bidders will be opened whose offers are found technically acceptable. The technically acceptable bidders will be informed before opening of the "priced bid".

iii). To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be summarily rejected.	
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NOTE:

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

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TECHNICAL SPECIFICATIONS WITH QUANTITY

Tender No & Date: SDI8859P16 DT: 13.10.2015

	Complied / Not Complied. (Remarks if any)
<p><u>ITEM DESCRIPTION FOR THE LIGHTING SYSTEM – QTY = 01 NO; FOR OCS - JAIPUR</u></p> <p>One set of lighting system shall comprise one lighting transformer, one isolation transformer and one lighting DB as per the following detailed description.</p> <p>LIGHTING TRANSFORMER</p> <p>TECHNICAL SPECIFICATIONS:</p> <p>60 kVA, 415V/240V, 3 Phase, 50 Hz, double winding, vector group Dyn11, copper wound, Dry type, varnish/resin impregnated, natural air cooled distribution Transformer for indoor use & as per following data sheet:</p> <p>A. GENERAL:</p> <ol style="list-style-type: none"> 1. Applicable Indian Standard: IS: 11171 and IS: 2026 with latest amendments. 2. Service duty : Continuous. 3. Installation : Indoor. 5. Make: Automatic Electric/NGEF/Crompton Greaves/Alstom/Bharat Bijlee/Voltamp/Powermaster/PETE-Hammond/Kappa. <p>B. SITE CONDITION:</p> <ol style="list-style-type: none"> 1. a) Maximum Ambient air temperature : 40 ° C b) Minimum Ambient air temperature: 6.0 ° C 2. Maximum humidity at site (at 40 ° C): 98% 3. Surrounding atmospheric condition: Humid 4. Site altitude : 120 mtr 5. Seismic design co-efficient : As per IS: 1983 6. Rainfall : 250cm annually. <p>C. RATING AND GENERAL DATA:</p> <ol style="list-style-type: none"> 1. Rating: 60 kVA, continuously rated. 2. Nominal voltage ratio: 415V/240V (Phase to Phase). 3. No. of phases: 3 4. Frequency: 50 ± 3 % Hz 5. Type of Insulation: Resin Impregnated, Class-F/H 6. Partial discharge: As per IS: 11171, IS: 6209. 7. Type of cooling: AN 8. Installation: Indoor 9. Vector group: Dyn 11 10. Percentage impedance: Below 2.5 %. Tolerance as per IS: 2026. 11. Type of neutral earthing: Directly grounded Neutral 	

12. Symmetric short circuit withstand capacity: As per IS: 11171

13. Rated short duration power frequency withstand voltage: As per IS: 11171

14. Rated lightning impulse withstand voltage: As per IS: 11171 (List-2)

15. TERMINAL ARRANGEMENT:

Primary winding line end : Cable box with bushings.

Secondary winding line and neutral terminal: Cable box with bushings.

16. BUSHING:

Made from non- hygroscopic epoxy resin cast material suitable for site condition mentioned in Para- B & conforming to IS: 2099.

17. CABLE BOX:

a) Cable boxes should be suitable for termination of PVC insulated, PVC sheathed, armoured, aluminium conductor cable. Cable Box enclosure protection shall be minimum IP-54.

b) Terminals should be marked as per IS: 2026.

18. TRANSFORMER CORE:

a) Material: High grade cold rolled grain oriented silicon steel for very low iron loss.

b) Structure: Grounded and sharp corners avoided.

c) Lamination: Treated and coated with suitable insulations. The core limbs & yokes are banded by means of resiglass tape to reduce vibration & noise.

19. TRANSFORMER WINDING:

The winding material shall be high conductivity electrolytic grade copper. The insulation shall be resin impregnated, Class-F/H.

Joints in the winding should be as under.

a) Permanent joints : Welded/ brazed.

b) Bolted connection : Provided with locking devices.

No tap changer is required.

20. ENCLOSURE:

The core & winding assembly should be housed inside a sheet steel enclosure with removable inspection covers. The enclosure should offer IP-23 protection as per IS-2147 & should have suitably designed louvres for circulation of cooling air. All the gaskets should be of neoprene rubber. Enclosure should be powder coated with DA Grey paint after surface treatment for corrosion protection. All openings in enclosure should be guarded with suitable screen to guard against entry of rodents and reptiles.

Transformer rating/nameplate details

21. FITTINGS AND ACCESSORIES:

a) Lifting lugs

b) Earthing terminals on the base frame: 2 nos.

c) Inspection covers

d) Rollers for easy transportation. The base shall have provision for locking the rollers permanently.

ISOLATION TRANSFORMER

TECHNICAL SPECIFICATIONS:

25 kVA, 415V/415V, 3 Phase, 50 Hz, double winding, vector group Dyn11, copper wound, Dry type, varnish/resin impregnated, natural air cooled isolation Transformer for indoor use & as per following data sheet:

A. GENERAL:

1. Applicable Indian Standard: IS: 11171 and IS: 2026 with latest amendments.
2. Service duty : Continuous.
3. Installation : Indoor.
5. Make: Automatic Electric/NGEF/Crompton Greaves/Alstom/Bharat Bijlee/Voltamp/Powermaster/PETE- Hammond /Kappa.

B. SITE CONDITION:

1. a) Maximum Ambient air temperature : 40 ° C
- b) Minimum Ambient air temperature: 6.0 ° C
2. Maximum humidity at site (at 40 ° C): 98%
3. Surrounding atmospheric condition: Humid
4. Site altitude : 120 mtr
5. Seismic design co-efficient : As per IS: 1983
6. Rainfall : 250cm annually.

C. RATING AND GENERAL DATA:

1. Rating: 25 kVA, continuously rated.
2. Nominal voltage ratio: 415V/415 V (Phase to Phase).
3. No. of phases: 3
4. Frequency: 50 ± 3 % Hz
5. Type of Insulation: Resin Impregnated, Class-F/H
6. Partial discharge: As per IS: 11171, IS: 6209.
7. Type of cooling: AN
8. Installation: Indoor
9. Vector group: Dyn 11
10. Percentage impedance: Below 2.5 %. Tolerance as per IS: 2026.
11. Type of neutral earthing: Directly grounded Neutral
12. Symmetric short circuit withstand capacity: As per IS: 11171
13. Rated short duration power frequency withstand voltage: As per IS: 11171
14. Rated lightning impulse withstand voltage: As per IS: 11171 (List-2)

15. TERMINAL ARRANGEMENT:

Primary winding line end : Cable box with bushings.
Secondary winding line and neutral terminal: Cable box with bushings.

16. BUSHING:

Made from non- hygroscopic epoxy resin cast material suitable for site condition mentioned in Para- B & conforming to IS: 2099.

17. CABLE BOX:

- a) Cable boxes should be suitable for termination of PVC insulated, PVC sheathed, armoured, aluminium conductor cable. Cable Box enclosure protection shall be minimum IP-54.
- b) Terminals should be marked as per IS: 2026.

18. TRANSFORMER CORE:

- a) Material: High grade cold rolled grain oriented silicon steel for very low iron loss.

- b) Structure: Grounded and sharp corners avoided.
- c) Lamination: Treated and coated with suitable insulations. The core limbs & yokes are banded by means of resiglass tape to reduce vibration & noise.

19. TRANSFORMER WINDING:

The winding material shall be high conductivity electrolytic grade copper. The insulation shall be resin impregnated, Class-F/H.

Joints in the winding should be as under.

- a) Permanent joints : Welded/ brazed.
- b) Bolted connection : Provided with locking devices.

No tap changer is required.

20. ENCLOSURE:

The core & winding assembly should be housed inside a sheet steel enclosure with removable inspection covers. The enclosure should offer IP-23 protection as per IS-2147 & should have suitably designed louvres for circulation of cooling air. All the gaskets should be of neoprene rubber. Enclosure should be powder coated with DA Grey paint after surface treatment for corrosion protection. All openings in enclosure should be guarded with suitable screen to guard against entry of rodents and reptiles.

Transformer rating/nameplate details

21. FITTINGS AND ACCESSORIES:

- a) Lifting lugs
- b) Earthing terminals on the base frame: 2 nos.
- c) Inspection covers
- d) Rollers for easy transportation. The base shall have provision for locking the rollers permanently.

LIGHTING DISTRIBUTION BOARD

TECHNICAL SPECIFICATIONS:

A. Panel shall have the following features:

1. Panel shall be indoor, industrial and semi -cubicle type.
2. Panel shall be built on Self supporting, floor mounting, rigid framework.
3. The frame of the panel shall be sufficiently strong and made of minimum 50 x 50 x 6mm MS angle iron with intermediate members of suitable section & size. The frame shall be mounted on a bottom structure made from 75 x 40mm MS channel.
4. The board shall be sheet steel clad, cubicle type made of 2.0mm thick MS CR sheet.
5. Board shall be Dust / vermin proof and weatherproof with IP54 degree of protection.
6. Bottom detachable gland plates made from 3 mm thick MSCR sheet shall be provided for all cable entries. Height of bottom detachable gland plate shall be 800 mm from floor level.
7. The entire metal work shall be treated with seven tank antirust treatment as per IS and then powder coated in DA Grey color.
8. Special non-deteriorating Neoprene rubber gaskets shall be provided between all joints.
9. Panel shall be designed for Ambient of 45°C (Max)/ 5°C (Min) and Humidity-95% (Max).
10. Board shall be suitable for operation from front side.
11. All panel doors shall be provided with single turn latches for opening / closing.
12. Danger plates shall be fitted on front and back of the panel.
13. Adequate nos. of lifting lugs shall be provided on top.

14. Ventilation louvers are to be provided shall be guarded with wire mesh.

15. Internal earthing between fixed base of the board's enclosure and doors shall be provided with suitably rated, PVC insulated, flexible copper earth wires or copper braids of suitable rating as per IS.

16. Earthing bus shall be provided at bottom of the panel. Earthing Bus shall be made of 50x5 mm GI straps with 80 micron galvanisation thickness. Brought out studs shall be provided on two sides where holes drilled for connection with main earth electrodes. Suitably sized zinc passivated double nuts and spring washers shall be provided for earth cable/ strap connections.

Legend/name plate as "AREA LIGHTING DISTRIBUTION BOARD (240V Ph-Ph)" shall be provided at the top centre made with anodized aluminum plate riveted to the body of the panel. The letter size shall be minimum 3/4".

B. PANEL COMPARTMENTS / SECTIONS

The LIGHTING DISTRIBUTION BOARD shall broadly have the following compartments / sections.

A) Incomer section

B) Outgoing section

1) INCOMER SECTION:

The incomer section shall contain one no. 100A, FP CFS/SDF fused 100 A as isolator switch.

The incomer section shall be housed in a compartment separate from the cubicle containing the outgoing section and shall be complete with tinned copper brought out terminals of suitable rating and single compression cable gland suitable for terminating 1 no. x 4C x 50 mm², PVCA copper cable provided on the bottom detachable gland plate. Suitably rated single compression gland and tinned copper lugs for all incoming cable connections shall be supplied with the brought out terminals.

2) OUTGOING SECTION:

The outgoing section shall comprise the following:

1. One no. 4P, 100 A rated MCCB as incomer with suitably rated insulated and colour coded copper bus bars. The outgoing of the incomer CFS shall be connected to the MCCB incomer through insulated copper bus links. The MCCB shall have microprocessor controlled trip unit for protection with adjustable settings [long delay (0.4-1.0 In)/short delay (1.5-10 long delay setting)/ground fault (0.1-1.0 In) with individual time settings] with separate add-on type earth leakage module. The earth leakage module will have adjustable leakage current setting of 30 mA- 3 A in steps and adjustable time settings.

2. 9 nos. DP, 20 A RCBOs (sensitivity 100mA) distributed & wired up evenly in Ph-Ph circuits as outgoing.

One no. such RCBO shall be provided in the panel as spare, without connection.

3. The outgoing terminal of the individual DP MCBs will be terminated to the TB through 1C, 4 sq mm and multi-stranded flexible copper cables.

4. One no. Terminal block shall be provided at the rear of the panel for all the outgoing terminations housed in a reverse entry cable entry box.

5. Arrangement shall be provided to terminate the outgoing cables from bottom of the panel. Suitably rated tinned copper lugs for all outgoing cable connections shall be supplied with the

TB.

6. Sufficient space shall be provided for cable termination, dressing and connecting cable leads to the brought out terminals.

7. Suitable cable entry arrangement with detachable gland plates shall be provided. Adequate nos. of single compression heavy duty SS or nickel plated brass cable glands suitable for PVCA, 3C, 4 sqmm Copper cable shall be provided on the bottom detachable gland plate.

8. Adequate nos. of saddles shall be provided at rear of the panel for rigidly supporting the outgoing cables.

C. DOCUMENTS:

1. The documents as given in Item Notes # 10, 11 & 12 shall be submitted with the offer. These documents are in addition to the documents to be submitted against BRC clauses. Moreover, documents as per Item Note # 8 are to be submitted as part of BRC.

2. The successful bidder shall obtain approval for the following drawings / documents.

- a) GA drawing of the panel
- b) Single line Power circuit/schematic diagrams
- c) Technical specification of all components used
- d) Component layout diagram with open door/closed door views
- e) Bill of materials with catalogues of various components

3. Four sets of the following documents shall be submitted with the supply

- a) Approved GA drawing showing all details, including constructional detail and component layout for panels
- b) Approved Single line Power and control circuit diagrams
- c) Technical specification of all components
- d) Test certificates
- e) Guarantee Certificate

D. MAKES OF COMPONENTS:

Item Make

CFS / SDF : GE/Havell's /Schneider/Legrand

MCCB : Legrand /Schneider /Siemens/ABB [Schneider Electric (Compact NSX with Micrologic 2.0 or above)/ Legrand (Model DPX with electronic LSIG release)/ Siemens (Sentron VL with ETU 40/42-LSIG/LSING) /ABB (Tmax 1SDA054399R1(with ETU PR 332/333 or PR122/123)/Indo-Asian (X TEC series with ETU LSIG release)

RCBOs / MCBs : Legrand /Schneider /Siemens/ABB

HRC Fuses / Fuse Holders : GE/Bussman

Terminal Blocks /DIN Channel : Connectwell / Tosha

Wiring Cables : Finolex /Havell's/Reputed make with OIL's approval

Lugs : Dowell's

GENERAL TERMS AND CONDITIONS FOR LIGHTING SYSTEM

1. Bidder shall furnish all relevant technical particulars of the lighting system (and components) as mentioned in Appendix #B of IS: 2026, Part-I & 11171 and IS: 8623 along with the offer.

Offer should also cover all points mentioned above under headings A, B & C of the detailed descriptions of the items.

2. Offer must be complete with technical catalogue/ literature and drawings giving details as required by NIT.

3. The following documents and drawings shall be submitted with the bid for scrutiny:

a) Indicative GA drawing of the transformers and lighting DB including cable box arrangement of both

b) Wiring schematic and single line diagram of the offered transformers and lighting DB

c) Component layout diagram with open door/closed door views for the lighting DB

d) Technical specifications of all components used for DBs

e) No load losses, load losses & efficiency at 50% & 75% load (0.8 p. f.) on transformers

4. In their offer the party must mention their detailed comments point-wise against each point of tender specifications and general notes. Any deviation from the tender specification shall be specifically mentioned. Specific type and make of equipment shall be clearly mentioned. All the information required as per tender specifications must be submitted. In case of no deviation, bidder shall categorically mention in the offer as "NO DEVIATION".

5. In the event of an order the complete tender specification shall be mentioned in the order. However, deviations from tender specifications, as mentioned by party in their offer and subject to acceptance by OIL shall be mentioned in the order. Acceptance of deviations will be at OIL's discretion only.

6. In the event of an order the party shall obtain approval for all drawings of the lighting DBs and transformers (GA, wiring, schematic etc.) from OIL within one month of placement of order. The manufacture of the items is to be started only after approval of drawings by OIL. The approval time may increase depending upon clarifications required from the bidders.

7. The lighting system components (transformers and lighting DB) will be offered for pre-despatch inspection and all routine tests as per IS: 11171 & IS: 8623 will be carried out in presence of OIL engineer. The items shall be inspected by Engineers of OIL before dispatch. Any alteration requirement pointed out during inspection shall be carried out by the manufacturer/supplier free of cost and confirmed before dispatch, without which dispatch clearance shall not be given.

8. Four sets of manufacture's routine test certificates for all the items (lighting transformer, isolation transformer and lighting DB) shall be submitted to OIL engineer at the time of inspection without which despatch clearance will not be given.

9. The lighting system shall be guaranteed for trouble free operation for a period of 12 months after commissioning. Guarantee cards shall be duly signed and stamped by the supplier and shall be provided along with the supply.

10. Materials should be properly packed to avoid ingress of rain water/moisture and damage during the transit.

SCOPE OF SUPPLY FOR THE LIGHTING SYSTEM:

1. Complete set of lighting and isolation transformers with the specifications as mentioned in the detailed specifications- 12 (twelve) nos. of lighting transformers and 12 (twelve) nos. of isolation transformers

2. 12 (twelve) nos. lighting distribution boards as mentioned in the detailed specifications

3. "As-Built" drawings (Schematic and SLD), technical brochures & operation and maintenance manuals of all items, catalogues, test report etc. after final installation and commissioning, 04 (four) sets each.

4. All commissioning spares and accessories as given in the Scope of Installation and Commissioning.

SCOPE OF INSTALLATION AND COMMISSIONING OF THE LIGHTING SYSTEM:

Supplier shall install and commission the lighting systems in the designated installations of OIL.

Supplier shall arrange for all manpower, cable termination accessories like lugs, sockets, terminals, cable glands, ferrules, tools and tackles, instruments etc. necessary for installation and commissioning of the lighting system.

Jobs Involved for Lighting Transformer and Lighting DBs:

1. Installation and fixing (including cement grouting) of the lighting transformers and lighting DBs in the sheds including making of PCC trench, if required
2. Connection of the incomer cables (supplied by OIL) to the lighting transformer primary terminals, including new termination if required and cable glanding
3. Connection of the outgoing cables (supplied by OIL) supplying lighting DBs to the lighting transformer secondary terminals, including new termination if required and cable glanding
All cable lugs, terminals, ferrules, glands, heat shrinkable cable jointing kits of proper size shall be supplied by the supplier.
4. Connection of the incomer cables to the incoming terminals of the CFS/SDF of the LDB including cable termination and cable glanding [The incoming cable to LDB is the secondary side cable of the lighting transformer]
All cable lugs, terminals, ferrules, glands, heat shrinkable cable jointing kits of proper size shall be supplied by the supplier.
5. Connection of the outgoing cables (supplied by OIL) to existing loads to individual outgoing RCBO's terminal blocks including cable termination and cable glanding
All cable lugs, terminals, ferrules, glands, heat shrinkable cable jointing kits of proper size shall be supplied by the supplier.
6. Earthing of the lighting transformers and DBs as per IS: 3043, with GI straps and chemical earth electrodes (as per OIL specifications)
7. Testing and energization of the lighting transformers and lighting DBs- in no load condition
8. Testing of the lighting transformers and lighting DBs in full load condition, with available loads
9. Any field modification jobs in the transformers and lighting DBs including wiring modification jobs
10. Submission of testing and commissioning reports and "As-built" drawings for all the transformers and the lighting DBs

Jobs Involved for Isolation Transformers:

1. Installation and fixing (including cement grouting) of the isolation transformers in the sheds including making of PCC trench, if required
2. Connection of the incomer cables (supplied by OIL) to the isolation transformer primary terminals, including new termination if required and cable glanding
3. Connection of the outgoing cables (supplied by OIL) to the isolation transformer secondary terminals, including new termination if required and cable glanding
All cable lugs, terminals, ferrules, glands, heat shrinkable cable jointing kits of proper size shall be supplied by the supplier.
4. Earthing of the isolation transformers as per IS: 3043, with GI straps and chemical earth

electrodes (as per OIL specifications)

5. Testing and energization of the isolation transformers - in no load condition
6. Testing of the isolation transformers in full load condition, with available loads
7. Any field modification jobs in the transformers including wiring modification jobs
8. Submission of testing and commissioning reports and “As-built” drawings for all the isolation transformers.

240 V Phase to Phase Lighting Systems in Production Installations

Design, Engineering & Manufacture, Supply, Installation and Commissioning of 12 sets of 415V/240 V phase-to-phase lighting transformers, 415 V/415 V isolation transformers and 240 V three phase lighting distribution boards at the following Production-Oil and Production-Gas Installations of Oil India Limited, Duliajan, Assam

1. OCS Joypur – 01 no.
2. OCS -4– 01 no.
3. OCS- 8– 01 no.
4. OCS Makum– 02 nos.
5. OCS Nagajan– 01 no.
6. OCS Hapjan- 01 no.
7. GCS Joypur– 01 no.
8. GCS - Hapjan- 01 no.
9. GCS -8– 01 no.
10. GCS- 4– 01 no.
11. GCS- Digboi- 01 no.

Total quantity: 12 sets.

One set of equipment shall comprise one lighting transformer, one isolation transformer and one lighting DB. One of the installations, Makum OCS, will have two sets of equipment.

All items are to be procured from the same supplier.

ITEM NOTES

1. All the items will be procured from same source and evaluation will be done accordingly.

2. Bidder must quote for both supply and installation & commissioning of the lighting system at OIL’s designated installations.

3. Bidder quoting on behalf of the OEM must submit authorized dealership certificates/authorization certificates for the lighting system components (transformers and distribution boards) along with the offer.

4. The lighting systems will be installed and commissioned by the bidder/supplier at designated locations of OIL as per instructions and as listed in the tender. Supplier will be intimated one month in advance for installation and commissioning. Boarding, lodging and transportation of commissioning personnel to/from the site will be in the scope of the supplier. Bidder shall quote installation and commissioning charges separately.

5. Installation and commissioning of the lighting system in one installation may take minimum of 4 to 5 days. Bidder must plan accordingly for the commissioning schedule.

All necessary manpower, tools and tackles, instruments etc. required for commissioning shall be in the scope of the supplier.

OIL shall arrange for transportation of the materials to their sites. However, supplier shall arrange their own transportation for their commissioning personnel to the sites.

Though a list of designated installations is given, final placement of the transformers and DBs shall be at OIL's discretion at any of OIL installations. Most of OIL's production installations are within a radius of about 50 km from Duliajan.

6. Prospective bidders may visit the installations at their own cost before placing bids. OIL may be intimated beforehand.

7. Offer for the lighting systems must be complete with technical catalogues/ literatures and drawings giving details as required by NIT. Bidder shall confirm that the offered transformers and DB shall conform to all the points of the tender specifications. Any deviation from the tender specs must be clearly mentioned with technical justifications. Acceptance of the deviations shall be at the discretion of 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.

8. Bidder shall also submit documents in support of the following credentials:

i) Minimum 05 (five) years (till the bid closing date) experience in design, fabrication and testing, manufacture, supply and commissioning of dry type power transformers (HT/LT) by the OEM of transformer. During these years bidder or their OEM should have supplied minimum 05 (five) nos. of such dry type power transformers to Govt./semi-govt./PSUs/public limited companies. These transformers must be in operation satisfactorily as on date and credentials shall be submitted for the same.

ii) Minimum 05 (five) years (till the bid closing date) experience in design, fabrication and testing, manufacture, supply and commissioning of LT lighting panel/PCC/MCC/PMCCs. During these years bidder or their OEM should have supplied and installed minimum 05 (five) nos. of such lighting/power distribution boards/panels to Govt./semi-govt./PSUs/public limited companies. These panels/lighting boards must be in operation satisfactorily as on date and credentials shall be submitted for the same.

In case the bidder is only an authorized dealer, the qualifications/credentials regarding design, manufacture and testing of the lighting system components (transformers and lighting DBs) shall be applicable to the OEM of the components.

9. Offered transformers and lighting distribution boards for the lighting systems must be new and in unused condition. No reconstructed/ rebuilt transformers/DBs will be acceptable.

10. Bidder shall furnish all relevant technical particulars regarding transformers as mentioned in Appendix # B of IS: 2026, Part-I, & IS: 11171, along with the offer. Offer should also cover all points mentioned above under individual lighting system components (Lighting transformer/isolation transformer).

11. Bidder shall furnish all relevant technical particulars regarding lighting distribution boards as mentioned in IS: 8623 along with the offer. Offer should also cover all points mentioned above under individual lighting system components (Lighting DBs).

12. The following documents and drawings shall be submitted with the bid for scrutiny:

- i) Indicative GA drawing of the transformer including cable box arrangement
- ii) Indicative GA drawing of the lighting DB including cable box arrangement
- iii) Wiring schematic of the transformers (both lighting and isolation)
- iv) Wiring schematic of the lighting DB
- v) Single line diagrams of the offered transformers
- vi) Single line diagram of the offered lighting DB
- vii) Component layout diagram with open door/closed door views
- viii) No load losses, load losses & efficiency at 50% & 75% load (0.8 p. f.) on transformer
- ix) Technical specifications of all components used for DBs

13. Bidder shall also submit type test certificates for offered/equivalent/higher range of dry type copper winding power transformers and LT distribution panel from CPRI or any NABL accredited reputed test laboratory. Offers without type test certificates for both the items are

<p>liable to be rejected outright.</p> <p>14. In the event of an order the party shall obtain approval for all drawings of the transformer and lighting DBs (GA, wiring, schematic etc.) from OIL within one month of placement of order. The manufacture of the transformer is to be started only after approval of drawings by OIL.</p> <p>15. The transformers and DB panels of the lighting systems will be offered for pre-despatch inspection and all routine tests as per IS: 2026, IS: 11171 & IS: 8623 will be carried out in presence of OIL engineer. Bidders shall separately quote charges towards inspection and witness test, if any. [To and fro charges of OIL's personnel to manufacturer's works will be to OIL's account].</p> <p>16. Four sets of manufacture's routine test certificates for the transformers and lighting DBs shall be submitted to OIL engineer at the time of inspection without which despatch clearance will not be given.</p> <p>17. The lighting systems shall be guaranteed for trouble free operation for a period of 12 months after commissioning.</p> <p>18. Packing should be adequate to avoid transit damage and ingress of water.</p> <p>19. Payment shall be made to the supplier as follows: a) 70% of the total cost of supply of the lighting systems shall be against receipt of materials at site, b) Balance 30% of the cost of supply and installation and commissioning charges for the lighting system will be paid after successful installation and commissioning of all the lighting system.</p>	
<p><u>ITEM NO. 20</u></p> <p><u>TECHICAL SPECIFICATION QTY = 01 NO</u></p> <p>SAME AS ITEM NO.10; <u>FOR OCS - 4</u></p>	
<p><u>ITEM NO. 30</u></p> <p><u>TECHICAL SPECIFICATION QTY = 01 NO</u></p> <p>SAME AS ITEM NO.10; <u>FOR OCS - 8</u></p>	
<p><u>ITEM NO. 40</u></p> <p><u>TECHICAL SPECIFICATION QTY = 02 NO</u></p> <p>SAME AS ITEM NO.10; <u>FOR OCS - MAKUM</u></p>	
<p><u>ITEM NO. 50</u></p> <p><u>TECHICAL SPECIFICATION QTY = 01 NO</u></p> <p>SAME AS ITEM NO.10; <u>FOR OCS - NAGAJAN</u></p>	
<p><u>ITEM NO. 60</u></p> <p><u>TECHICAL SPECIFICATION QTY = 01 NO</u></p> <p>SAME AS ITEM NO.10; <u>FOR OCS-HAPJAN</u></p>	
<p><u>ITEM NO. 70</u></p>	

<u>TECHICAL SPECIFICATION QTY = 01 NO</u> SAME AS ITEM NO.10; <u>FOR OCS - JAIPUR</u>	
<u>ITEM NO. 80</u> <u>TECHICAL SPECIFICATION QTY = 01 NO</u> SAME AS ITEM NO.10; <u>FOR GCS-HAPJAN</u>	
<u>ITEM NO. 90</u> <u>TECHICAL SPECIFICATION QTY = 01 NO</u> SAME AS ITEM NO.10; <u>FOR GCS-8</u>	
<u>ITEM NO. 100</u> <u>TECHICAL SPECIFICATION QTY = 01 NO</u> SAME AS ITEM NO.10; <u>FOR GCS-4</u>	
<u>ITEM NO. 110</u> <u>TECHICAL SPECIFICATION QTY = 01 NO</u> SAME AS ITEM NO.10; <u>FOR GCS-DIGBOI</u>	
<u>ITEM NO. 120</u> <u>INSTALLATION & COMMISIONING FOR ITEM NO. 10 QTY = 01 AU</u>	
<u>ITEM NO. 130</u> <u>INSTALLATION & COMMISIONING FOR ITEM NO. 20 QTY = 01 AU</u>	
<u>ITEM NO. 140</u> <u>INSTALLATION & COMMISIONING FOR ITEM NO. 30 QTY = 01 AU</u>	
<u>ITEM NO. 150</u> <u>INSTALLATION & COMMISIONING FOR ITEM NO. 40 QTY = 01 AU</u>	
<u>ITEM NO. 160</u> <u>INSTALLATION & COMMISIONING FOR ITEM NO. 50 QTY = 01 AU</u>	

<u>ITEM NO. 170</u> <u>INSTALLATION & COMMISIONING FOR ITEM NO. 60 QTY = 01 AU</u>	
<u>ITEM NO. 180</u> <u>INSTALLATION & COMMISIONING FOR ITEM NO. 70 QTY = 01 AU</u>	
<u>ITEM NO. 190</u> <u>INSTALLATION & COMMISIONING FOR ITEM NO. 80 QTY = 01 AU</u>	
<u>ITEM NO. 200</u> <u>INSTALLATION & COMMISIONING FOR ITEM NO. 90 QTY = 01 AU</u>	
<u>ITEM NO. 210</u> <u>INSTALLATION & COMMISIONING FOR ITEM NO. 100 QTY = 01 AU</u>	
<u>ITEM NO. 220</u> <u>INSTALLATION & COMMISIONING FOR ITEM NO. 110 QTY = 01 AU</u>	

NOTE:

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

Annexure- DDD

INTEGRITY PACT

Between

Oil India Limited (OIL) hereinafter referred to as "The Principal"

And

(Name of the bidder).....hereinafter referred to as "The Bidder/Contractor" |

Preamble :

The Principal intends to award, under laid down organizational procedures, contract/s for Tender No. **SDI8859P16** The Principal values full compliance with all relevant laws and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder/s and Contractor/s.

In order to achieve these goals, the Principal cooperates with the renowned international Non-Governmental Organisation "Transparency International" (TI). Following TI's national and international experience, the Principal will appoint an external independent Monitor who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1 - Commitments of the Principal

- (1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-
 1. No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for him/herself or third person, any material or immaterial benefit which he/she is not legally entitled to.
 2. The Principal will, during the tender process treat all Bidders with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidders the same information and will not provide to any Bidder confidential/additional information through which the Bidder could obtain an advantage in relation to the tender process or the contract execution.
 3. The Principal will exclude from the process all known prejudiced persons.
- (2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the relevant Anti-Corruption Laws of India, or if there be a Page 2 of 6 substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

Section 2 - Commitments of the Bidder/Contractor

- (1) The Bidder/Contractor commits itself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
 1. The Bidder/Contractor will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or immaterial benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
 2. The Bidder/Contractor will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, Subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelisation in the bidding process.
 3. The Bidder/Contractor will not commit any offence under the relevant Anticorruption Laws of India; further the Bidder/Contractor will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 4. The Bidder/Contractor will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- (2) The Bidder/Contractor will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 - Disqualification from tender process and exclusion from future Contracts

If the Bidder, before contract award has committed a transgression through a violation of Section 2 or in any other form such as to put his reliability or credibility as Bidder into question, the Principal is entitled to disqualify the Bidder from the tender process or to terminate the contract, if already signed, for such reason.

1. If the Bidder/Contractor has committed a transgression through a violation of Section 2 such as to put his reliability or credibility into question, the Principal is entitled also to exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressions within the company hierarchy of the Bidder and the amount of the damage. The exclusion will be imposed for a minimum of 6 months and maximum of 3 years.

2. The Bidder accepts and undertakes to respect and uphold the Principal's Absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining independent legal advice.
3. If the Bidder/Contractor can prove that he has restored/recouped the Damage caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion prematurely.
1. A transgression is considered to have occurred if in light of available evidence no reasonable doubt is possible.

Section 4 - Compensation for Damages

1. If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover from the Bidder liquidated damages equivalent to 3 % of the value of the offer or the amount equivalent to Earnest Money Deposit/Bid Security, whichever is higher.
2. If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/Performance Bank Guarantee, whichever is higher.
3. The bidder agrees and undertakes to pay the said amounts without protest or demur subject only to condition that if the Bidder/Contractor can prove and establish that the exclusion of the Bidder from the tender process or the termination of the contract after the contract award has caused no damage or less damage than the amount or the liquidated damages, the Bidder/Contractor shall compensate the Principal only to the extent of the damage in the amount proved.

Section 5 - Previous transgression

1. The Bidder declares that no previous transgression occurred in the last 3 years with any other Company in any country conforming to the TI approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

Section 6 - Equal treatment of all Bidders/Contractor/Subcontractors

1. The Bidder/Contractor undertakes to demand from all subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.
2. The Principal will enter into agreements with identical conditions as this one with all Bidders, Contractors and Subcontractors.

3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7 - Criminal charges against violating Bidders/Contractors/ Subcontractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor, which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section 8 - External Independent Monitor/Monitors (three in number depending on the size of the contract) (to be decided by the Chairperson of the Principal)

1. The Principal appoints competent and credible external independent Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the Chairperson of the Board of the Principal.
3. The Contractor accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder/Contractor/Subcontractor with confidentiality.
4. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or heal the violation, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
6. The Monitor will submit a written report to the Chairperson of the Board of the Principal within 8 to 10 weeks from the date of reference or intimation to him by the 'Principal' and, should the occasion arise, submit proposals for correcting problematic situations.
7. If the Monitor has reported to the Chairperson of the Board a substantiated suspicion of an offence under relevant Anti-Corruption Laws of India, and the Chairperson has not, within reasonable time, taken visible action to proceed

against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

8. The word 'Monitor' would include both singular and plural.

Section 9 - Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the respective contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made/ lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by Chairperson of the Principal.

Section 10 - Other provisions

1. This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. New Delhi.
2. Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
3. If the Contractor is a partnership or a consortium, this agreement must be, signed by all partners or consortium members.
4. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

R BARMAN
SR MANAGER MATERIALS (IP)

For the Principal

For the Bidder/Contractor

Place. Duliajan.

Witness 1 :

Date 14.10.2015 .

Witness 2 :]

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.

**(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.