



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. : SDI7174P18 DT: 20.02.2018

Tender Fee : Rs 1,000.00

Bid Security : Applicable

Bidding Type : SINGLE STAGE TWO BID SYSTEM

Tender Type : Open Tender

Bid Closing / Opening on : As mentioned in the e-portal

Performance Security : Applicable

Integrity Pact : Applicable

"The items covered by this enquiry shall be used by Oil India Limited in the PEL/ML areas which are issued/renewed after 01/04/99 and hence Nil Customs Duty during import will be applicable. However, concessional rate of GST @5% against Essentiality Certificate for invoice value 10 Lakh and above will be applicable.

In the event of order, OIL will issue Project Authority Certificate (PAC), where import content is declared by the bidder for availing Custom Duty benefit on the import content. Supplier shall affect dispatch only on receipt of these certificates from OIL, failing which all related liabilities shall be to Supplier's account".

OIL invites Bids for **SUPPLY INSTALLATION & COMMISSIONING AND AMC FOR EMERGENCY LIGHTING SYSTEM WITH ONLINE UPS' FOR USE IN FIELD INSTALLATIONS LIKE GAS COMPRESSOR STATION (GCS), FIELD GAS GATHERING STATION (FGGS) ETC. OF OIL INDIA LIMITED (OIL). QUANTITY-18 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 of Indigenous Tenders. The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area -> Tender Documents

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

The tender will be governed by:

- a) For technical support on various matters viz. Online registration of vendors, Resetting of Passwords, submission of online bids etc, vendors should contact OIL's

b) OIL's office timings are as below:

	Time (in IST)
Monday – Friday	07.00 AM to 11.00 AM; 12.30 PM to 03.30 PM
Saturday	07.00 AM to 11.00 AM
Sunday and Holidays	Closed

Vendors should contact OIL officials at above timings only.

OIL Bank Details :

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

- c) “General Terms & Conditions” for e-Procurement as per Booklet No. MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders.
- d) Technical specifications and Quantity as per **Annexure – 1A**.
- e) The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area -> Tender Documents.
- f) Amendments to the NIT after its issue will be published on OIL's website only. Revision, clarification, addendum, corrigendum, time extension etc. to the tender will be hosted on OIL website only. No separate notification shall be issued in the press. Prospective bidders are requested to visit website regularly to keep themselves updated.
- g) 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).

- h) Bidder are advised to fill up the Technical bid check list ([Annexure EEE](#)) and Response sheet ([Annexure FFF](#)) given in MS excel format in Technical RFx -> External Area -> Tender Documents. The above filled up document to be uploaded in the **Technical Attachment**. For details please refer “Vendor User Manual” / “NEW INSTRUCTIONS”

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1.0 Vendors having OIL’s User ID & password may pay Tender Fee on-line through OIL’s electronic Payment Gateway upto one week prior to the Bid closing date (or as amended in e-portal).

Vendors who do not have OIL’s User ID & password, may generate User ID & password online by the Vendor by using the link for supplier enlistment given in OIL’s e-tender portal and then pay Tender Fee on-line through OIL’s electronic Payment Gateway upto one week prior to the Bid closing date (or as amended in e-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:

In case of MSE/PSUs/ Govt. Bodies / eligible institutions etc., they shall apply to DGM-Materials, Oil India Limited, P.O. Duliajan, Assam-786602 for waiver of Tender Fee upto one week prior to the Bid closing date (or as amended in e-portal).

2.0 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.

2.1 Please ensure that Technical Bid / all technical related documents related to the tender are uploaded in the RFx Information > Technical Attachment 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.**

2.2 The “PRICE BID**” must contain the price schedule and the bidder’s commercial terms and conditions. **For price upload area , please refer “NEW INSTRUCTIONS” Please refer Annex-BB for price schedule.****

2.3 Offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in [Annexure-CCC](#).

3.0 Please note that all tender forms and supporting documents are to be submitted through OIL’s e-Procurement site only except following documents which are to be submitted manually in sealed envelope super scribed with Tender no. and Due date to DGM-Materials, Materials Department, Oil India Limited, Duliajan - 786602, Assam on or before the Bid Closing Date and Time mentioned in the Tender.

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

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

4.0 Benefits to Micro & Small Enterprises (MSEs) as per OIL's Public Procurement Policy for Micro and Small Enterprises (MSEs) shall be given. Bidders are requested to go through ANNEXURE – I of MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders for more details. MSE bidders are exempted from submission of Tender Fees and Bid Security/Earnest Money provided they are registered for the items they intend to quote.

“Purchase preference policy-linked with Local Content (PP - LC) notified vide letter no. O-27011/44/2015-ONG-II/FP dated 25.04.2017 of MoP&NG shall be applicable in this tender. The detail of the said policy is furnished vide Addendum dtd.... to “General Terms & Conditions for Indigenous Tender (MM/TENDER/.....)” of this tender.

Bidders seeking benefits, under Purchase Preference Policy (linked with Local Content) (PP-LC) shall have to comply with all the provisions specified in the above Addendum and shall have to submit all undertakings / documents applicable for this policy”.

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 **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.

9.0 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:

i) SHRI RAJIV MATHUR, IPS (Retd.)
Former Director, IB, Govt. of India,
e-Mail ID : rajivmathur23@gmail.com

ii) SHRI SATYANANDA MISHRA, IAS (Retd.)
Former Chief Information Commissioner &
Ex-Secretary, DOPT, Govt. of India
E-Mail ID : satyanandamishra@hotmail.com

iii) SHRI JAGMOHAN GARG
EX-VIGILANCE COMMISSIONER, CVC
E-mail id: jagmohan.garg@gmail.com

10.0 The tender shall be governed by the Bid Rejection & Bid Evaluation Criteria given in enclosed **Annexure-CCC**. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (as per **Annexure-CCC**) contradict the Clauses of the tender and / or “General Terms & Conditions” as per Booklet No. MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders elsewhere, those in the BEC / BRC shall prevail.

11.0 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.

12.0 Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer.

13.0 If Bank Guarantee is submitted towards ‘Bid Security’, then bidders have to ensure that the Bank Guarantee issuing bank indicate the name and detailed address (including e-mail) of their higher office from where confirmation towards genuineness of the Bank Guarantee can be obtained.

14.0 Delivery/collection Instructions in cases where transportation is in OIL's scope:

- (i) the suppliers shall be required to deliver the Sundry consignments of weight less than 3 (Three) Tons at the godown/office/collection point of OIL's authorized transporter in various cities.
- (ii) consignments weighing more than 3(Three) Tons shall be collected from the supplier's premises/loading points by OIL's authorized transporter.
- (iii) the names of OIL's current authorized transporters are:
 - a) M/s Western Carriers (India) Ltd.
 - b) M/s DARCL Logistics Limited

Bidder's are requested to note the above delivery/collection instructions while submitting their offers.

Please do refer “**NEW INSTRUCTION TO BIDDER FOR SUBMISSION**” for the above two points and also please refer “ **New Vendor Manual (effective 12.0.2017)** ” available in the login Page of the OIL’s E-tender Portal.



Oil India Limited e-Procurement

User ID *

Password *

Logon Problems? [Get Support](#)

[Supplier Enlistment for E-Tender](#)

[Important Note for New Portal Users:](#)

[Click here to View Compostability Settings](#)

[General Guidelines to bidders](#)

[Click for User Manuals](#)

Click here for
the New
Manual &
Instruction

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NOTE:

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

Yours Faithfully

Sd-
(R BARMAN)
CHIEF MANAGER MATERIALS (IP)
FOR : DGM-MATERIALS

TENDER NO. SDI7174P18 DT: 20.02.2018**BID REJECTION CRITERIA (BRC) / BID EVALUATION CRITERIA (BEC)**

The following BRC/BEC will govern the evaluation of the bids received against this tender. Bids that do not comply with stipulated BRC/BEC in full will be treated as non responsive and such bids shall prima-facie be rejected. Bid evaluation will be done only for those bids that pass through the “Bid Rejection Criteria” as stipulated in this document.

Other terms and conditions of the enquiry shall be as per General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (BRC / BEC) contradict the Clauses of the tender or MM/LOCAL/E-01/2005 elsewhere, those in the BRC / BEC shall prevail.

<u>Criteria</u>	Complied / Not Complied. (Remarks if any)
<p>1.0 BID REJECTION CRITERIA (BRC):</p> <p>The bid shall conform generally to the specifications, terms and conditions given in this document. Notwithstanding the general conformity of the bids to the stipulated specifications, the following requirements will have to be particularly met by the Bidders without which the same will be considered as non-responsive and rejected.</p> <p><u>A) TECHNICAL:</u></p> <p>1) Bidder shall be OEM or the authorised dealer of (a) Flameproof (FLP) Light Fittings including FLP Switch and FLP Junction Box and/or (b) Industrial UPS System.</p> <p>Bidder other than OEM should furnish, valid dealership / authorisation certificate from the principal / OEM must be submitted along with the offer without which the offer will not be considered for technical evaluation.</p> <p>2) Bidder should have experience of successfully executing at least 1 (one) similar order of value minimum Rs. 69,39,297/- (Rupees Sixty Nine Lakh Thirty Nine Thousand Two Hundred Ninety Seven Only) during last five(5) years from original bid closing date.</p> <p>Similar order means supply and commissioning of 'LT/HT PMCC Panels / Power Transformers / High Mast lighting system / UPS System / Flame Proof light fittings / Electrical Wiring Job' in any hazardous installation processing hazardous materials like crude oil / Natural gas / Petroleum Products under any State or Central Govt. / PSUs / Public</p>	

Limited Company.

Note(i): 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/GST (OR)
- (v) Any other documentary evidence that can substantiate the satisfactory execution of each of the purchase orders cited above.

Note(ii):

a) The Purchase Order date need not be within 5 (five) years preceding original bid closing date of this tender. However, the execution of supply should be within 5 (five) years preceding original bid closing date of this tender.

B) FINANCIAL:

a) Annual Financial Turnover of the bidder during any of preceding 03 (three) financial / accounting years from the original bid closing date should be at least **Rs. 69.39 Lakhs**.

b) Net Worth of the firm should be Positive for preceding Financial / Accounting year (FY=2016-17).

Note -For (a) & (b): Considering the time required for preparation of Financial Statements, if the last date of preceding financial / accounting year falls within the preceding six months reckoned from the original bid closing date and the Financial Statements of the preceding financial / accounting year are not available with the bidder, then the financial turnover of the previous three financial / accounting years excluding the preceding financial / accounting year will be considered. In such cases, the Net worth of the previous financial / accounting year excluding the preceding financial / accounting year will be considered. However, the bidder has to submit an affidavit/undertaking certifying that ‘the balance sheet/Financial Statements for the financial year..... (As the case may be) has actually not been audited so far’.

Notes:

a) For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the bid:-

- i) A certificate issued by a practicing Chartered Cost Accountant (with Membership Number and Firm Registration Number), certifying

the Annual turnover & Net worth as per format prescribed in ANNEXURE-J.

OR

ii) **Audited Balance Sheet along with Profit & Loss account.**

b) In case the bidder is a Central Govt. Organization/PSU/State Govt. Organization/Semi-State Govt. Organization or any other Central/State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and the Central Government, their certificates may be accepted even though FRN is not available. However, bidder to provide documentary evidence for the same.

C) COMMERCIAL:

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

ii) Bid security:

The bid must be accompanied by Bid Security of **Rs 2,51,800.00** in OIL's prescribed format as Bank Guarantee in favour of OIL. The Bid Security may be submitted manually in sealed envelope superscribed with Tender no. and Bid Closing date to 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 7 months from Bid closing date. (i.e. upto 05.11.2018)**

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

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

For exemption for submission of Bid Security, please refer Clause No. 8.16 of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders.

The format of Bank Guarantee towards Bid Security (Annexure – VII) has been amended to Annexure – VII (Revised) and bidders should submit Bank Guarantee towards Bid Security as per Annexure – VII (Revised) only.

iii) Bids are invited under “Single Stage 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 Unpriced bid is to be submitted as per scope of works and Technical specification of the tender and the priced bid as per the online Commercial bid format. For details of submission procedure, please refer relevant para of General Terms

and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders. Any offer not complying with the above shall be rejected straightway.

iv) Performance Security:

a) 1st Performance Security @ 10% of total cost of materials must be submitted within 30 days of receipt of the formal purchase order failing which OIL reserves the right to cancel the order and forfeit the Bid Security. The Performance Security must be valid for 12 months from the date of commissioning plus 3(three) months or 18 months from the date of shipment/despatch plus 3(three) months whichever concludes earlier.

b) 2nd Performance Security @ 10% of total cost of “Onsite Support for 3 years” must be submitted prior to expiry of the 1st Performance Security. The Performance Security must be valid for 3 years from the date of successful commissioning plus 3(three) months.

The Performance Security shall be in any one of the following forms :

A Bank Guarantee in the prescribed OIL’s format valid for 3(three) months beyond the Warranty period indicated in the Purchase Order /contract agreement.

The Performance Security for capital nature items like plant and machinery etc. shall be valid for 12 months from the date of commissioning plus 3(three) months or 18 months from the date of shipment/despatch plus 3(three) months whichever concludes earlier. However, for consumables like chemicals, cement, tubular etc. the Performance Security shall be valid for 12 months from the date of shipment/despatch plus 3(three) months.

The validity requirement of Performance Security is assuming despatch within stipulated delivery period and confirmation to all terms and conditions of order. In case of any delay in despatch or non-confirmation to all terms and conditions of order, validity of the Performance Security is to be extended suitably as advised by OIL.

v) The prices offered will have to be firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and rejected.

vi) Bids received after the bid closing date and time will be rejected. Similarly, modifications to bids received after the bid closing date & time will not be considered.

vii) All the Bids must be Digitally Signed using “Class 3” digital certificate with Organisation’s name (*e-commerce application*) as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than “Class 3 with Organisation’s Name” digital certificate, will be rejected.

viii) 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.

ix) Price should be maintained in the “online price schedule” only. The price submitted other than the “online price schedule” shall not be considered.

x). 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.

xi). 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) Annual Turnover of a bidder lower than the Annual turnover mentioned in the Tender.

XII. DELIVERY.

FOR MATERIAL: Bidder to supply the materials within 3 (three) months from the date of placement of order.

FOR INSTALLATION & COMMISSIONING

Installation & Commissioning of all supplied material at respective /designated sites to be completed by the party within 3 months from the site clearance and date of intimation by OIL.

NOTE: FOR CLAUSE NOS. C(ii) & C(iv) OF BID SECURITY/EMD AND PBG

The bidders/successful bidders are requested to advise the Bank Guarantee issuing bank to comply with the following and ensure to submit, the receipt of the copy of SFMS message as sent by the issuing bank branch, along with the original bank guarantee in Oil's tender issuing office:

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

- (i) "MT 760 / MT 760 COV for issuance of bank guarantee.
 - (ii) "MT 760 / MT 767 COV for amendment of bank guarantee
- The above message/intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Duliajan Branch, IFS Code - UTIB0001129, Branch Address - AXIS Bank Ltd, Duliajan Branch, Daily Bazar, Jyotinagar, Duliajan, District - Dibrugarh, PIN- 786602

2.0 BID EVALUATION CRITERIA (BEC)

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

A) TECHNICAL:

1.0 Bidder's Compliance to Technical, Commercial and other Special Terms as mentioned in NIT.

2.0 Bidder shall furnish all relevant technical particulars of the emergency lighting system and its components. The following documents must be submitted with the offer / bid. Failing which, the bid will not be considered for evaluation and will be rejected.

- (i) Copy of type test certificate from CPRI or any govt. approved NABL accredited test laboratory of all flameproof items from the OEM / Principal.
- (ii) Copies of test certificate of the UPS system from any govt. approved NABL accredited test laboratory.
- (iii) Battery sizing calculations for 4 hour rating at full load of 5 kVA.
- (iv) Indicative schematic / block diagram / single line diagram of the offered system.
- (v) Basic circuit drawings / circuit block diagram of the UPS
- (vi) Bill of Materials, indicating make, model of the items and quantity.
- (vii) Datasheets/catalogues of all the components to be used in the system, viz., UPS system, battery, SPN MCB DB, light fittings (FLP and Non FLP lights)

3) Bidder shall mention any deviations or other items/ points not indicated /included in the specifications but deemed necessary for design, Installation and commissioning, efficient control and operation of the system. However, proper justification for deviation must be given. Acceptance of deviation/s shall be entirely at OIL's discretion. In case of no deviation, bidder shall categorically mention in the offer as "NO DEVIATION".

4) Supplier have to submit a copy of the 'Electrical Supervisor's Certificate of Competency' from the Govt. Licensing Board of the person who will be supervising installation and commissioning works after issuance of LOI.

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

<p>applicable on bid closing date. Bidders may check this with the appropriate authority while submitting their offer.</p> <p>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".</p> <p>iii) A job executed by a bidder for its own organization / subsidiary cannot be considered as experience for the purpose of meeting BEC.</p> <p>iv) 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.</p>	
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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. SDI7174P18 DT: 20.02.2018

	Complied / Not Complied. (Remarks if any)
<p>ITEM NO. 10</p> <p>SUPPLY INSTALLATION & COMMISSIONING AND AMC FOR EMERGENCY LIGHTING SYSTEM WITH ONLINE UPS' FOR USE IN FIELD INSTALLATIONS LIKE GAS COMPRESSOR STATION (GCS), FIELD GAS GATHERING STATION (FGGS) ETC. OF OIL INDIA LIMITED (OIL). QUANTITY-18 Nos</p> <p><u>Technical Specification</u> <u>Emergency Lighting System with Online UPS, Qty. 18 Sets.</u></p> <p>A. PURPOSE: 'Emergency Lighting System with online UPS' is meant for use in the field installations like Gas Compressor Station (GCS), Field Gas Gathering Station (FGGS) etc. of Oil India Limited (OIL). In the event of normal power supply failure in the installation, emergency lighting system shall keep all critical operational areas sufficiently illuminated for safe operation / shutting down of the plant.</p> <p>B. SCOPE: 1) Engineering, procurement, supply, installation and commissioning of 'Emergency Lighting System with on-line UPS' for 18 nos. different GCS / FGGS of Oil India Limited. 2) Scope of supply includes UPS System, Batteries, Isolation Transformer, Distribution Board (DB), Flameproof LED Luminaries, LED Flood Light, Flameproof Junction Boxes, FLP Switches, Cables, FLP Cable gland etc. 3) Scope includes installation and commissioning of all the supplied systems and 4) Annual maintenance contract (AMC) of the supplied 'Emergency Lighting System' for a period of 3 (three) years after successful installation and commissioning. The supplier of the emergency lighting system shall have to provide the AMC service.</p> <p>C. BRIEF DESCRIPTION OF THE SYSTEM: Broadly each Emergency Lighting System shall have the following components. 1) UPS system: 5 KVA, Input - Three Phase AC 400V \pm 10%, Output - Single Phase AC 240V 2) Battery Bank: Sealed Maintenance Free Type, 150AH or more, Should be sufficient enough to give back up for minimum 4 hours. 3) 1 no. Isolation Transformer: 6 KVA, Dry type, 240V(Ph-N) / 240V (Ph-Ph, Centre tapped) 4) 1 no. Distribution Board (DB): Incomer - Double Pole RCBO 32A; Outgoing - 5nos. 20A Double Pole MCB, 10nos. 10A Double Pole MCB. 5) Luminaries: 14 Nos. Flameproof Well glass fittings with LED luminaries for use in hazardous area, 3 Nos. LED Flood lights for area lighting. 6) FLP Junction Box, FLP switch, Electrical Cables (armoured, 3 core, 2.5 sq.mm copper),</p>	

<p>FLP Cable Gland and other miscellaneous items like clamp, screw, hook, lug, GI strip, GI wire etc. for connection and mounting of luminaries.</p> <p>Please Refer to the <u>Annexure - A</u> for detailed technical specification of the complete system.</p>	
<p>ITEM NO. 20</p> <p>INSTALLATION & COMMISSIONING. QTY = 01 AU</p> <p><u>1AU MEANS INSTALLATION AND COMMISSIONING OF 18 Nos OF EMERGENCY LIGHTING SYSTEM</u></p> <p>PLEASE REFER TO THE ANNEXURE - A, POINT-L (INSTALLATION & COMMISSIONING).</p>	
<p>ITEM NO. 30</p> <p>AMC for 3 years – QTY = 01 AU</p> <p><u>1AU MEANS AMC OF 18 Nos OF EMERGENCY LIGHTING SYSTEM FOR 03YEARS</u></p> <p>PLEASE REFER TO THE ANNEXURE - A, POINT-M (AMC FOR THREE YEARS).</p>	

NOTE:

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

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 **SDI7174P18** 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 Organization "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.

ANNEXURE- DDD

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 cartelization 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.

(3) The Bidder/Contractor signing Integrity Pact shall not approach the Courts while representing the matters to IEMs and he/she will await their decision in the matter.

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 risibility 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.
4. A transgression is considered to have occurred if in light of available evidence no reasonable doubt is possible.
5. Integrity Pact, in respect of a particular contract, shall be operative from the date Integrity Pact is signed by both the parties till the final completion of the contract **or as mentioned in Section 9- Pact Duration whichever is later**. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings

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 Earnest Money Deposit / Bid Security.

(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 Security Deposit / Performance Bank Guarantee.

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 Principal will enter into Pacts on identical terms with all bidders and contractors.

2. The Bidder / Contractor undertake(s) to procure from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the provisions laid down in this agreement/Pact by any of its sub-contractors/sub-vendors.

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

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. However, the Independent External Monitor shall give an opportunity to the bidder / contractor to present its case before making its recommendations to the Principal.
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

ANNEXURE- DDD

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. The Arbitration clause provided in the main tender document / contract shall not be applicable for any issue / dispute arising under Integrity Pact.

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
CHIEF MANAGER MATERIALS (IP)

.....
For the Principal

.....
For the Bidder/Contractor

Witness 1:

Witness 2:

Place. DULIAJAN
Date . 21.02.2018

Technical Specification**Emergency Lighting System with Online UPS, Qty. 18 Sets.****A. PURPOSE:**

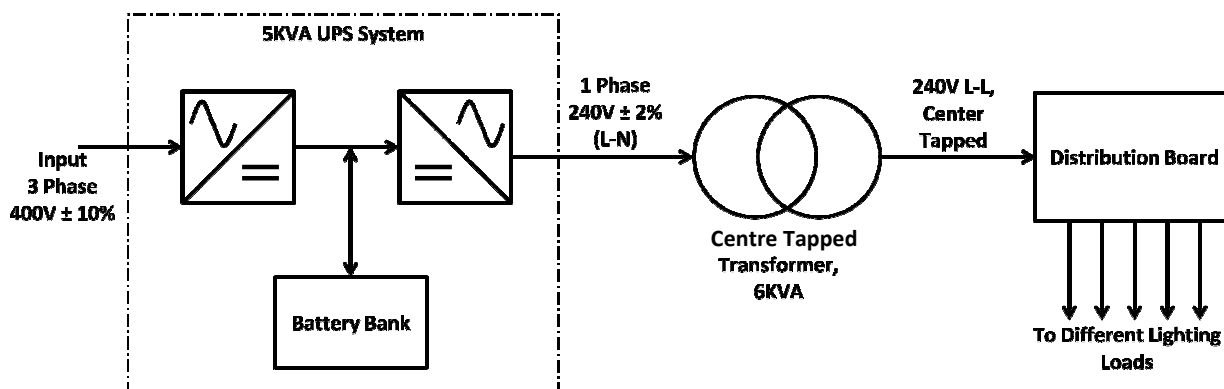
'Emergency Lighting System with online UPS' is meant for use in the field installations like Gas Compressor Station (GCS), Field Gas Gathering Station (FGGS) etc. of Oil India Limited (OIL). In the event of normal power supply failure in the installation, emergency lighting system shall keep all critical operational areas sufficiently illuminated for safe operation / shutting down of the plant.

B. SCOPE:

- 1) Engineering, procurement, supply, installation and commissioning of 'Emergency Lighting System with on-line UPS' for 18 nos. different GCS / FGGS of Oil India Limited.
- 2) Scope of supply includes UPS System, Batteries, Isolation Transformer, Distribution Board (DB), Flameproof LED Luminaries, LED Flood Light, Flameproof Junction Boxes, FLP Switches, Cables, FLP Cable gland etc.
- 3) Scope includes installation and commissioning of all the supplied systems and
- 4) Annual maintenance contract (AMC) of the supplied 'Emergency Lighting System' for a period of 3 (three) years after successful installation and commissioning. The supplier of the emergency lighting system shall have to provide the AMC service.

C. BRIEF DESCRIPTION OF THE SYSTEM: Broadly each Emergency Lighting System shall have the following components.

- 1) UPS system: 5 KVA, Input – Three Phase AC 400V \pm 10%, Output – Single Phase AC 240V
- 2) Battery Bank: Sealed Maintenance Free Type, 150AH or more, Should be sufficient enough to give back up for minimum 4 hours.
- 3) 1 no. Isolation Transformer: 6 KVA, Dry type, 240V(Ph-N) / 240V (Ph-Ph, Centre tapped)
- 4) 1 no. Distribution Board (DB): Incomer - Double Pole RCBO 32A; Outgoing – 5nos. 20A Double Pole MCB, 10nos. 10A Double Pole MCB.
- 5) Luminaries: 14 Nos. Flameproof Well glass fittings with LED luminaries for use in hazardous area, 3 Nos. LED Flood lights for area lighting.
- 6) FLP Junction Box, FLP switch, Electrical Cables (multi-stranded copper, armoured, 3 core, 2.5 sq.mm), FLP Cable Gland and other miscellaneous items like clamp, screw, hook, lug, GI strip, GI wire etc. for connection and mounting of luminaries.
- 7) Simple Schematic Drawing of the system shall be as under.



D. DETAILED TECHNICAL SPECIFICATIONS:

- 1) **Site Condition:** Emergency Lighting System with online UPS shall be suitable for the following ambient conditions and shall give a trouble-free service for minimum of 10 years, under the following conditions.

- (i) Operating Ambient Environment : 0 to 45 Deg. C
- (ii) Operating Relative Humidity: 0 to 98%
- (iii) Storage temp.: 15 to 50 Deg. C
- (iv) Design Ambient Temperature : 50 Deg. C

2) UPS System:

- (i) Rating : 5 KVA, Industrial Type
- (ii) Input : 3 Phase, 400V +/- 10% (Since phase to neutral load is not catered in OIL's hazardous installations, input shall be compulsorily three phase AC), 50 Hz
- (iii) Output:
 - a) 240V +/- 2%, Single Phase AC
 - b) Frequency : 50 Hz
 - c) Transient Response : < 3% for 100% Load Change
 - d) Transient Recovery : In less than 20 mSec
 - e) Power Factor : 0.8
 - f) THD : < 5%
- (iv) Menu driven LCD display in UPS: I/P & O/P Voltage, DC Volts, O/P Amps, O/P Frequency, Battery Backup etc.
- (v) LED Indicators in UPS: Mains ON, Battery on Charge, Trip, and Fault etc.
- (vi) Electrical Protection & Alarm: In built input under voltage or over voltage cut off, over loading, short circuit, Battery Low Trip, Surge protection, Battery discharged alarm, DC under voltage & over voltage alarm etc.
- (vii) All components shall be capable of withstanding the thermal and dynamic stresses resulting from internal and external short circuits and circuit switching operations.
- (viii) Inverter Technology :
 - a) PWM (Pulse Width Modulation) technology shall be used to convert DC back to AC.
 - b) IGBT should be applied for the power stacks.
 - c) Minimum inverter efficiency at 50% load shall be 90% and at 100% load shall be >92%
 - d) Waveform of the output voltage shall be sinusoidal and should meet UPS output criteria.
- (ix) Overall UPS efficiency at 50% Load : >80%.
- (x) UPS shall be capable of 25% overloading for minimum 3 minutes duration.
- (xi) Make: Hi-Rel / Tata Liebert (Emerson) / Siemens / Aplab / APC – MG / Gutor(Schneider) / DB Power Electronics(P) Ltd. / Su-Kam
- (xii) Constructional Features:
 - a) The equipment shall be supplied in enclosed, dust & vermin proof, floor mounted (on fabricated MS frame/stand), cold rolled sheet enclosure of minimum thickness 2mm in case, it is, necessary to provide opening for ventilation, this should be closed by fine wire mesh. The ventilation fan, if provided, shall be fully redundant.
 - b) Panel shall be liberally designed. All components shall be so mounted that they are easily accessible for inspection and maintenance.

- c) UPS unit shall be separate, different panels/blocks of UPS shall be mounted side-by-side & bolted together to form compact assembly.
- d) A removable bolted gland plate shall be provided at the bottom with heavy duty compression type rolled aluminium cable glands fitted to it for external cable connections.
- e) The enclosure after suitable pre-treatment shall be painted with powder coated paint.

3) **Battery:**

- (i) The battery shall be Sealed Maintenance Free, Lead Acid Type, capable of supplying full rated load for minimum four hours in case of power failure.
- (ii) The battery shall be complete with good quality stand, insulators, inter-cell and inter-tier connectors and one set of accessories for maintenance.
- (iii) Battery sizing calculation shall be furnished. Battery capacity shall be decided considering load power factor as 0.8, de-rating factor for aging as 0.8 and de-rating for minimum ambient.
- (iv) OIL widely uses 12V, 150AH, Factory Charged, with in-built charging indicator, Sealed Maintenance Free Batteries with top up provision. For ease of battery replacement in future, similar batteries to be considered.
- (v) Make: Exide, Bosch, AMCO, Amara Raja, Cummins & Lucas.

4) **Isolation Transformer:**

- (i) Single phase, 6 KVA, continuous rating, dry type, copper wound, air cooled, insulation class – F, Primary Volt – 240V (Phase-Neutral), Secondary Volt – 240V (Ph-Ph), Centre tapped neutral, with provision of directly grounding the neutral on the secondary side.
- (ii) Transformer should be provided with primary and secondary side terminals.
- (iii) The construction of the transformers shall be rugged enough and shall be housed within enclosure. Each transformer should be 4 nos. wheel mounted. Enclosure sheet thickness shall be minimum 2mm MS steel with louvers.
- (iv) Transformer shall be provided with suitable rating plate, diagram plate & lifting lugs.
- (v) Make: Crompton Greaves / Bharat Bijlee / Automatic Electric / Quantum / Arya / Kappa / Gujrat Plug – In Devices Pvt. Ltd., / Voltamp / Om Industries.

5) **Lighting Distribution Board:**

- (i) Sheet steel MCB distribution board, 415V, double pole 32A RCBO as incomer, double pole 10A & 20A MCBs as outgoing, with single door, on surface, complete with 75A tinned double copper busbar, DIN channel, detachable gland plate, interconnections, phosphatised and powder painted including earthing etc.
- (ii) The DB shall be sufficiently strong, have provision of mounting on a metal frame or directly on wall. Approximate size shall be 50 x 50 x 6mm. DB shall be made of MS angle iron with intermediate members of suitable section & size. The frame shall be mounted on a bottom structure made from 75 x 40 mm MS channel. The frame shall be suitable for carrying weight of PVCA cables for the lighting loads.
- (iii) Components: Incomer: 32 A DP RCBO, sensitivity 100 mA -1 no.
 Outgoing feeders: DP 10 A MCB, C curve - 10 nos.;
 DP 20 A MCB, C curve - 5 nos.;
- (iv) Distribution Board, RCBO and MCBs shall be of same make. Makes shall be Schneider / Siemens / Legrand / ABB / L&T

- 6) **Flameproof LED well glass fittings equivalent to 125W HPMV** : Flameproof LED well glass fitting equivalent to 125W HPMV, suitable for minimum 45W LED lamps, 230V +/- 5%, Single phase, 50Hz for use in hazardous area zone 1 and 2 and hazardous gas group IIA and IIB with following specifications.

(i) Fitting Specifications:

- a) Hazardous area application confirming to IS/IEC:60079-1,
- b) Type of protection : Ex-d,
- c) Degree of Protection : IP 66,
- d) Suitable for use in gas groups IIA and IIB,
- e) Enclosure material : Die cast aluminium alloy LM-6 confirming the safety of IS 10322(part-2) 1982,
- f) Transparent Part : Heat and impact resistant toughened type A glass,
- g) Gasket : Endless moulded neoprene, Cable entry - 3/4" ET type with FLP stopping plug,
- h) Earthing point 1 nos. from outside and 1 no inside of the fitting to be provided (total 2 nos),
- i) Finish : anti corrosive powder coated epoxy gray,
- j) Mounting : Blind drilled and tapped hole size 1/4" BSP,
- k) Loop in and loop out facility,
- l) Driver enclosure : Integral type,
- m) Warrantee : minimum 1 year for total fitting,
- n) CIMFR Certification / DGMS approval no.: Bidder to specify them and supporting documents shall be enclosed along with the bid. A separate tag shall be embossed on the fitting stating CIMFR certificate and DGMS / PESO approval No with date.

(ii) LED Specification:

- a) Power : minimum 45W,
- b) Power factor : > 0.95,
- c) Application Outdoor,
- d) Protection Level : IP 66 Ex-d protection,
- e) Nominal Colour : Cool white,
- f) LED make : Philips / Osram / Nichia / Seoul Semiconductor / CREE,
- g) CCT (Co related Colour Temperature) : 4000K to 6500K,
- h) LED Life time(L 70) : > 50000 Hrs,
- i) Surge Protection: > 5 KV,
- j) Typical Viewing angle: 120 deg,
- k) Working temperature : 5 to 50 deg.,
- l) Lumen Output: 100 lumen per watt on fitting excluding losses,
- m) Temperature Class – T6,
- n) Lumen Deterioration : max 2% per annum,
- o) Colour Rendering Index: > 65,
- p) Working Humidity: 10% to 90%, Warranty: Minimum 2 years

(iii) LED driver specifications:

- a) Constant Current,

- b) Driver Efficiency: > 85%,
 - c) THD: <10,
 - d) Driver Life rating : minimum 4 years,
 - e) Driver unit warranty: minimum 2 years,
 - f) Make of driver : Philips / OSRAM / Nichia / Seoul Semiconductor / CREE / Syska / Bajaj / Havells
- 7) **Flameproof junction box:** Junction box, flame-proof, 4 way, $\frac{3}{4}$ " E.T. hole suitable for Zone 1 & 2 with gas groups I, IIA & IIB, conforming to IS:2148/66 with latest amendments, cast iron/LM-6 construction with flanged cover complete with 4 way bakelite terminal block rated 15/30 amps, and duly certified by CIMFR, Dhanbad (or any govt. approved NABL accredited test laboratory) / approved by DGMS, Dhanbad. CIMFR Certificate No. / DGMS approval no. & date must be displayed on the junction box body.
- 8) **Flameproof and weatherproof double pole rotary switch :** Flame proof Switch, Double pole flame proof ON-OFF Rotary switch, suitable for use in hazardous area of Zone - 1 & 2 gas group IIA & IIB of oil mines as per following specifications and as per IS-2148.
- (i) Rating: 16 Amps, 250V, 50Hz AC
 - (ii) Material: LM-6, cable entry 2 Nos. with ET suitable for 3 x 4 sq.mm PVCA (al/cu) cable. Each switch to be fitted with two nos. of Double compression type FLP glands at both cable entry holes. Cable OD: 20 mm.
 - (iii) IP protection: IP-65
 - (iv) Earthing terminal: two nos. outside and one no. inside.
- 9) **LED Flood Light Fixture:** 150W TO 170W LED Flood Light Fixture complete with LED luminaries and driver, Non FLP, Toughened Glass, 240V +/- 5%, Powder Coated, Die Cast Aluminium, IP66, Weatherproof, Outdoor Type, Minimum - 16000 LUMEN, Lumen Output: minimum 110 lumen per watt on fitting excluding losses, Power Factor : >0.95, Outdoor application, LED Life time(L 70) : > 50000 Hrs, Surge Protection: > 5 KV, CCT (Co related Colour Temperature) : 4000K to 6500K, Constant Current Driver, Driver efficiency: >85%, Driver Life rating: > 4 years, Minimum warrantee – 2 years, LED Make: OSRAM / Nichia / Seoul Semiconductor / CREE, Fittings Make - Philips / BAJAJ / SYSKA / Havells
- 10) **CABLE :** Armoured copper cables for Emergency Lighting System wiring, Cable specifications as follows:
- (i) 3x2.5 sq mm, 1100v grade, Heavy duty, PVC insulated, PVC sheathed, galvanized steel wire armoured cable with stranded, un-tinned copper conductor. All core insulations shall be colour coded with red, black and green colours. All insulated cores laid up together, covered with inner sheath of extruded black PVC compound, galvanised steel wire armour and black PVC outer sheath. Sufficient filler shall be used to give overall circular shape to the cable.
 - (ii) The cable shall be confirming to IS: 1554 with latest amendments. PVC insulation should be as per IS-5831. Armour should be as per IS-3975. Conductor should be as per IS-8130.
 - (iii) Manufacturer's name, cable size, voltage grade, ISI mark should be marked on the cable outer sheath in permanent manner at regular interval. Sequential marking should be provided on the cable outer sheath at every one meter length for measurement during use.
 - (iv) Make : NICCO / ASIAN / CRYSTAL / UNIVERSAL / CCI / RPG / INCAB / POLYCAB / NECAB.

- (v) The cable shall be packed in good quality wooden drum as per IS 10418. Manufacturer's name, cable size, voltage grade, ISI mark, year of manufacture should be marked on the cable drum. Each drum shall have cable length of minimum 500 mtrs.
- (vi) Cable shall be tested for routine tests as per IS at manufacturer's works before dispatch. Manufacturer's test certificate for routine test as per IS should be submitted with the cable.
- (vii) Cable shall be guaranteed against manufacturing defects for one year after receipt by us. The guarantee certificate should be submitted with the cable.
- (viii) Quantity of required cable is given in BOM.

11) FLP CABLE GLAND: Cable Gland, flame proof, made out of aluminium alloy LM-6, suitable for 3 X 2.5 sq.mm. armoured PVC insulated and PVC sheathed copper cable, double compression type, complete with checknut, washer, armour clamping nut, neoprene inner ring, armour clamping cone, armour clamping ring, gland body, neoprene outer ring, skid washer, outer seal nut etc., suitable for use in Group IIA & IIB gases, conforming to IS:2148/68 with latest amendments and duly Certified & Approved by CIMFR, Dhanbad / Approved by DGMS, Dhanbad. Make: M/s. COMET Cat No. CBF01S / CBF01 (as per cable size) or equivalent

E. SPARES: Following spares are to be supplied along with overall supply (18 nos. of emergency lighting system)

- (i) Complete 5KVA UPS System without batteries. Qty – 1 no.
- (ii) Recommended Spares including fuses, surge protectors, electronic card etc. as recommended by the UPS manufacturer. Qty – 6 sets.
- (iii) 6 KVA Isolation Transformer, Qty – 1 no.
- (iv) Distribution Board – Incomer 32A RCBO. Qty – 10 nos.
- (v) Distribution Board – Outgoing MCB, 20A double pole MCB. Qty – 10 nos.
- (vi) Distribution Board – Outgoing MCB, 10A double pole MCB. Qty – 10 nos.

F. DRAWINGS, O&M MANUALS: Supplier of the Emergency lighting system has to provide following Drawings/documents:

- 1) Along with materials before commissioning:
 - (i) Overall Schematic Drawing / Block Diagram of the system (2 hard copies)
 - (ii) Actual drawings of UPS system, complete with all internal circuitry, modules and components (2 hard copies)
 - (iii) O&M manual of the UPS system (2 hard copies)
- 2) As built drawings after commissioning (Hard copies)
 - (i) Overall Schematic Drawing / Block Diagram of the system (1 copy for each installation + 2 copies extra, i.e. total 20 copies)
 - (ii) Actual drawings of the UPS system complete with all internal circuitry, modules and components (1 copy for each installation + 2 copies extra, i.e. total 20 copies)
 - (iii) As Built Drawings : Installation wise SLD of the system, indicating all the luminaries, Junction Boxes, Switches etc. (1 copy for each installation)
 - (iv) O&M Manual of UPS System (1 copy for each installation + 2 copies extra, i.e. total 20 copies)
 - (v) Copies of all test certificates, type test certificates, approvals etc. (1 copy for each installation + 2 copies extra, i.e. total 20 copies)
- 3) Softcopies of all the above drawings are to be supplied in a CD / Pen drive.

- 4) Hardcopies of above drawings as mentioned above shall be provided in a book format, proper binding and cover page.
- 5) Guarantee Certificate in original separately for each system.

G. GENERAL NOTES:

- 1) OIL reserves the right and may advise the supplier to install "Emergency Lighting System" in any other installation of OIL (within Tinsukia, Dibrugarh & Sivasagar District of Assam), not listed / mentioned in the tender at the time of actual erection & commissioning. The scope of the AMC shall cover such replacement installation(s) also.
- 2) Make of the above FLP items light fittings / junction box / rotary switch: (i) Baliga (ii) FCG (iii) Sudhir switch gear (iv) FEPL (v) Flexpro (vi) Shreya Ex-Tech (vii) FLP Glands-Comet or equivalent.
- 3) All the flameproof items shall be duly certified and approved by CIMFR, Dhanbad (or any govt. approved NABL accredited test laboratory) / approved by DGMS, Dhanbad for use in hazardous area zone-1 and zone-2, gas group IIA & IIB. CIMFR, DGMS approval no., date and logo must be displayed on the item body.
- 4) The successful bidder / supplier shall have to obtain approval from OIL for the following drawings, documents, Technical Specifications, Sample, before manufacturing / fabrication of the system:
 - (i) Single line Power circuit/schematic diagrams of the lighting system.
 - (ii) Drawing and circuit diagram of the UPS system.
 - (iii) Technical specification of all the components like FLP light fittings, FLP switch, FLP Junction Boxes, FLP cable glands, cable, Distribution Box, Isolation transformer, batteries etc. to be used before final procurement.
 - (iv) OIL may ask for sample approval for components like cable, cable gland, LED lights (FLP or Non FLP) etc.
- 5) All the materials should be properly packed to avoid ingress of rain water/moisture and damage during the transit.

H. SPECIAL NOTES TO THE BIDDERS:

- 1) Bidder shall furnish all relevant technical particulars of the emergency lighting system and its components. The following documents must be submitted with the offer / bid. Failing which, the bid will not be considered for evaluation and will be rejected.
 - (i) Copy of type test certificate from CPRI or any govt. approved NABL accredited test laboratory of all flameproof items from the OEM / Source.
 - (ii) Copies of test certificate of the UPS system from any govt. approved NABL accredited test laboratory.
 - (iii) Battery sizing calculations for 4 hour rating at full load of 5 kVA.
 - (iv) Indicative schematic / block diagram / single line diagram of the offered system.
 - (v) Basic circuit drawings / circuit block diagram of the UPS
 - (vi) Bill of Materials, indicating make, model of the items and quantity.
 - (vii) Datasheets/catalogues of all the components to be used in the system, viz., UPS system, battery, SPN MCB DB, light fittings (FLP and Non FLP lights)
- 2) Bidder shall mention any deviations or other items/ points not indicated /included in the specifications but deemed necessary for design, Installation and commissioning, efficient control and operation of the items. However, proper justification for deviation must be given. Acceptance of deviation/s shall be entirely at OIL's discretion. In case of no deviation, bidder shall categorically mention in the offer as "NO DEVIATION".

- 3) Supplier have to submit a copy of the 'Electrical Supervisor's Certificate of Competency' from the Govt. Licensing Board of the person who will be supervising installation and commissioning works after issuance of LOI.
- 4) Prior to bid, bidder may visit an installation of OIL at Duliajan to have an idea of the requirements at his/her own cost, with prior intimation to OIL.
- 5) Bidder shall quote for all the items including installation & Commissioning and three years' AMC after successful installation and commissioning. Bids not covering complete scope of work, as mentioned in point "B-SCOPE" will not be considered for technical evaluation and straightway rejected.

I. GAURANTEE/WARRANTEE: The overall system shall be guaranteed for trouble free operation for a period of minimum 12 months after commissioning. Guarantee Certificate shall be duly signed and stamped by the supplier and shall be provided to OIL. All the jobs carried out by the contractor shall be guaranteed for proper workmanship and safety standards. In case of failure of any job during guarantee period, contractor shall arrange to repair the defect to the satisfaction of OIL and shall supply all the material required for the job without any cost to company.

J. BILL OF MATERIALS:

	Item	Qty. Per Set	Overall Qty for 18 Sets
1	5KVA UPS System complete with Battery Bank	1 no.	18 Nos. + 1 No. Spare excluding battery bank
2	Isolation Transformer (240V/240V), 6KVA	1 no.	18 Nos. + 1 No. Spare
3	Lighting Distribution Box (MCB – DB)	1 no.	18 Nos.
4	Flameproof LED well glass fittings	14 nos.	252 Nos.
5	LED Flood Light	3 nos.	54 Nos.
6	4 way Flameproof Junction Box	5 nos.	90 Nos.
7	FLP & Weatherproof double pole Rotary Switch	6 nos.	108 Nos.
8	Armoured Cable	1275 meter	22,950 meter
9	FLP Cable Gland	60 nos.	1080 nos.
10	UPS Recommended Spares (Fuses, Electronic Cards etc.) as per recommendation of OEM	-	6 sets
11	Spare - 32A, DP RCBO	-	10 Nos.
12	Spare - 10A, DP MCB	-	10 Nos.
13	Spare - 20A, DP MCB	-	10 Nos.
14	Misc. Commissioning Items like GI Strip, GI wire, Cable Tie, Cable Lug, Cable Marker, Cable Saddle, Clamp, Hook etc.	-	As required.

K. **INSPECTION AND TESTING:** OIL's deputed engineer will carry out pre-despatch inspection and testing of UPS system and Isolation Transformers at manufacturer's works. Supplier should plan and inform OIL at least 15 days in advance to carry out the inspection and testing of UPS system. The following tests shall be done during inspection and testing. Copies of test certificates shall be provided to OIL.

- 1) Routine Test
- 2) Performance Test
- 3) Operational Test
- 4) Heat Run Test

For other items like FLP light fittings, OIL may ask for sample approval before bulk supply.

L. **INSTALLATION & COMMISSIONING:**

Installation and Commissioning involves the following works.

- 1) Assessment of lighting requirement in the critical areas for each installation in consultation with OIL's Engineer.
- 2) Finalisation of a suitable and safe place for installation of the UPS, battery bank, isolation transformer and Lighting distribution board (in consultation with OIL's Engineer).
- 3) Finalisation of exact point where lights (LED well glass fittings, Flood lights), JB's, FLP Switches are to be fitted (in consultation with OIL's Engineer).
- 4) Finalisation of cable routes (in consultation with OIL's Engineer).
- 5) Installation of the UPS unit, battery bank, Isolation Transformer and lighting DB and earthing of these as per IS: 3043
- 6) Installation of light fittings (LED well glass fittings, Flood light)
- 7) Installation of FLP junction boxes and switches.
- 8) Laying and/or fixing of cables as required in cable trench or along roof/structures from lighting DB to JB's & switches and from the JB's & switches to the light fittings.
- 9) Earthing of all light fittings, JB's and Switch etc. (existing earth electrodes/strips may be used)
- 10) Charging of battery as per OEM guidelines.
- 11) Testing and commissioning of the UPS on-line and off-line as per OEM guidelines/ commissioning procedure
- 12) Testing and commissioning of all light fittings, switches, DB, JB's etc. for proper operation
- 13) Demonstration of proper working and operation of all items to end users.
- 14) Handing over the system to the installation manager/electrical engineer-in-charge
- 15) Earthing Materials as required for installation & commissioning (like GI strip, GI wire, Lugs, connector etc.) for connection of the equipment (UPS, FLP Light fittings etc.) with existing earthing pit / grid shall be supplied by the contractor.
- 16) All miscellaneous items like cable tie, saddle, clamp, hook, etc. as required for fixing of cables, FLP JB's, FLP switches and light fittings on roof/structures/wall shall be supplied by the contractor.
- 17) All installation and commissioning works shall be done under supervision of an Electrical Supervisor having valid Electrical Supervisor's Certificate of Competency issued Govt. Electrical Licensing Board. The supervisor shall oversee all installation works and liaise with the installation manager and OIL officials.
- 18) Any works within the installation shall be undertaken after obtaining necessary Cold work/Hot work permits from the concerned installation manager.
- 19) The contractor shall employ electrician / wireman for installation and commissioning works having expertise of FLP cable glanding and industrial wiring works.
- 20) All work persons employed by the contractor shall use personal protective equipment such as safety shoes, helmet, gloves, safety belt (while working at heights above 1.6 metres including area light poles), safety goggles etc. Any work

person of contractor without these safety items at worksite will immediately be relieved of his duty and job shall not be resumed till the person is equipped with the safety items.

- 21) OIL's engineer/Junior engineer/supervisor shall immediately stop all installation work if safety measures/precautions are not found to be taken or not adequate. Such work shall not be allowed to resume till such anomalies are cleared.
- 22) Before starting of the installation and commissioning works, copy of Electrical Supervisory License of the supervisor to be engaged by the contractor shall be submitted to OIL for scrutiny.
- 23) Contractor shall also provide his/her work persons with all necessary tools and tackles of good quality for carrying out installation and commissioning jobs. Supply of all necessary manpower, tools and tackles, instruments etc. as required for installation and commissioning shall be in the scope of the contractor.
- 24) Quality of jobs carried out by the Contractor shall be of high standard and should be as per the norms of Central Electricity Authority Regulations, 2010, NEC or other electrical standards recognized by the company.
- 25) Installation of the Emergency Lighting Systems would be done tentatively at the following installations of OIL : GCS-1, GCS-Digboi, GCS-4, GCS-5, GCS-6, GCS-8, GCS- Kathaloni, GCS- Hapjan, GCS- Moran, GCS- Joypur, GCS- Langkashi, GCS- Nagajan, GCS- Kathalguri, GCS- Jorajan, GCS- Shalmari, FGS- Deohal, LPG Gas Offtake, NEEPCO Gas Offtake. This list of installation may be change as per the discretion of OIL.
- 26) Boarding, lodging and transportation of commissioning personnel and local transportation of man & materials to worksites will be in the scope of the contractor.

M. AMC FOR THREE YEARS:

- 1) Work Order for AMC Contract will be issued to the supplier after successful installation and commissioning of all the systems.
- 2) The duration of the AMC will be 3 (three) years starting from the day of completion of commissioning of all the systems.
- 3) The supplier must agree for the annual maintenance of the UPS and battery supplied by them. Bidder must agree to this condition when submitting their bids. Bids which do not meet this condition shall be outright rejected.
- 4) The contractor shall ensure trouble free operation of the Emergency Lighting Systems during the AMC Period.
- 5) The supplier/contractor shall make periodical visits, one visit in every three months to each of the 18 (eighteen) installations during the entire contract period. During the visits, the equipment (UPS, battery, isolation transformer, DB, Luminaries, earthing connection etc.) shall be thoroughly checked for proper operation, cleaned and serviced.
- 6) In the event of breakdown / malfunctioning of the equipment, the supplier/contractor shall have to make additional visits during the contract period, as and when required to OIL.
- 7) Major spares like UPS cards, Transformer etc. are already considered within the scope of supply for use during the post warrantee period. Rest of the spares as required during 3 years AMC Period for smooth operation of the system shall be in the scope of contractor. The supplier/contractor shall undertake replacement/repair of any faulty part (including supply of consumables like fuse etc.) of the UPS systems during the AMC period, without any additional cost to OIL other than AMC charges.
- 8) Contractor shall submit a maintenance report of the Emergency Lighting Systems and/or any repair/maintenance job done during their quarterly visits to the installations. The reports shall bear the signature of the concerned installation manager / concerned electrical engineer. Bills shall be submitted along with the reports.
- 9) Billing during AMC period shall be done on quarterly basis, i.e. once in 3 months.
- 10) Boarding & lodging for the servicing technician/engineer during the AMC period shall be arranged by contractor at his own cost. Contractor shall also arrange own transportation for to and fro movement to the site / installation.

- 11) Any unwanted damage/loss to the emergency lighting system for reasons on the part of the contractor shall be recovered from the running bill of the contractor.
- 12) Scope Of Work Of Annual Maintenance Services:
- (i) The contractor shall ensure trouble free operation of the UPS systems during warrantee & AMC period.
 - (ii) In case of any failure of components within warrantee period, supplier has to replace/repair the components free of cost. Spares procured along with the system are meant for use during post warranty period only.
 - (iii) During AMC period, any troubleshooting and repair of the UPS systems as required shall be done by the contractor for smooth operation of the system. In the event of breakdown/malfunctioning of the equipment, on intimation by OIL, contractor shall have to depute his technician / engineer at any point of time during AMC period.
 - (iv) During quarterly visits, all equipment of the emergency lighting system (UPS, battery, luminaries, JB's etc.) shall be thoroughly checked for proper operation, cleaned and serviced. All components shall be checked for loose connection/heating and the same shall be rectified. Any such observation shall be properly recorded in the report.
- 13) Contractor in consultation with OIL's Electrical Engineer shall develop a Maintenance Checklist, Operational Checklist and a site specific SOP separately for every installation soon after commissioning of the system.
- 14) All Health Safety and Environment (HSE) matters related to persons engaged by the contractor issues shall be governed by the Policy / established guidelines of Oil India Limited. Contractor must have to follow OIL's established rules and regulation, guidelines, practices as far as safety of person and property is concerned.

Technical Bid Checklist**Annexure-EEE**

Tender No.			
Bidder's Name :			
		Compliance by Bidder	
SL. NO.	BEC / TENDER REQUIREMENTS	Indicate 'Confirmed' / 'Not Confirmed' / Not applicable	Indicate Corresponding page ref. of unpriced bid or Comments
1	Confirm that validity has been offered as per NIT.		
2	Confirm that Bid Security / Earnest Money has been submitted as per NIT (Wherever Applicable) ?		
3	Confirm that you shall submit Performance security (in the event of placement of order) (Wherever Applicable) ?		
4	Confirm that duly signed Integrity Pact has been submitted as per NIT (Wherever Applicable) ?		
5	Confirm that you have submitted documentary evidence of successfully executing one Purchase order as stipulated in NIT in any of the preceding 5 financial years (*)		
6	Confirm that you have submitted Balance Sheet and Profit and Loss Account of any of the preceding 3 financial years certified by a chartered accountant.		
7	Confirm that the bid has been signed using Class 3 digital certificate with Organisation's Name as per NIT.		
8	Confirm that you have not taken any exception/deviations to the NIT .		

NOTE: Please fill up the greyed cells only.

(*) Purchase Orders along with copies of any of the documents in respect of satisfactory execution of the Purchase Orders should be submitted – (i) Satisfactory Inspection Report (OR) (ii) Satisfactory Supply Completion / Installation Report (OR) (iii) Consignee Receipted Delivery Challans (OR) (iv) Central Excise Gate Pass / Tax , Invoices issued under relevant rules of Central Excise / VAT (OR) (v) any other documentary evidence that can substantiate the satisfactory execution of the purchase order cited above.

Response Sheet**Annexure-FFF**

Tender No.
Bidders Name

Bidders Response Sheet

SI No.	Description	Remarks
1	Place of Despatch	
2	Whether Freight charges have been included in your quoted prices	
3	Whether Insurance charges have been included in your quoted prices	
4	Make of quoted Product	
5	Offered Validity of Bid as per NIT	
6	Bid Security Submitted (if applicable)	
6	Details of Bid Security Submitted to OIL (if applicable)	
	a) Bid Security Amount (In Rs):	
	b) Bid Security Valid upto:	
7	Whether you shall submit Performance Security in the event of placement of order on you (if applicable)	
8	Integrity Pact Submitted (if applicable)	
9	Whether you have submitted documentary evidence of successfully executing one Purchase order as stipulated in NIT in any of the preceding 5 financial years (*)	
10	Whether you have submitted Balance Sheet and Profit and Loss Account of any of the preceding 3 financial years certified by a chartered accountant.	
11	Delivery Period in weeks from placement of order	
12	Complied to Payment terms of NIT (if applicable) otherwise to Standard Payment Terms of OIL or not.	
13	If bidder is MSE whether you have quoted your own product	
14	If Bid security submitted as Bank Guarantee, Name and Full Address of Issuing Bank including Telephone, Fax Nos and Email id of branch manager	

NOTE: Please fill up the greyed cells only.

(*) Purchase Orders along with copies of any of the documents in respect of satisfactory execution of the Purchase Orders should be submitted – (i) Satisfactory Inspection Report (OR) (ii) Satisfactory Supply Completion / Installation Report (OR) (iii) Consignee Receipted Delivery Challans (OR) (iv) Central Excise Gate Pass / Tax , Invoices issued under relevant rules of Central Excise / VAT (OR) (v) any other documentary evidence that can substantiate the satisfactory

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

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

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

Office Seal

.....
Signature of Vendor

**Counter Signed by Banker:
Seal of Bank:**

Enclosure: Self attested photocopies of the following documents-

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