

## ANNEXURE-I

**OIL INDIA LIMITED**  
(A Government of India Enterprise)  
P.O. Duliajan-786602, Assam, India  
E-mail: [material@oilindia.in](mailto: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
<b>SDI1622P17 Dt. 01.07.2016</b> Single Stage Composite Bid System	<b>04.08.2016</b>	<b>Nitrogen Generating &amp; Filling Plant</b>
<b>SDI1057P17 Dt. 10.05.2016</b> Single Stage Composite Bid System	<b>04.08.2016</b>	<b>LT Panel</b>
<b>SDI1624P17 Dt. 01.07.2016</b> Single Stage Composite Bid System	<b>04.08.2016</b>	<b>Centrifugal Pump</b>
<b>SDI1625P17 Dt. 01.07.2016</b> Single Stage Composite Bid System	<b>04.08.2016</b>	<b>4 Way RMU</b>
<b>SDI1626P17 Dt. 01.07.2016</b> Single Stage Composite Bid System	<b>04.08.2016</b>	<b>Street Lightning Control DB</b>
<b>SDI1632P17 Dt. 02.07.2016</b> Single Stage Composite Bid System	<b>04.08.2016</b>	<b>Street Lightning Pole with Luminaire</b>
<b>SSI0628P16 Dt. 18.03.2016</b> Single Stage Composite Bid System	<b>04.08.2016</b>	<b>Galvd. Wire- 3MT and Galvd. Barbed Wire-20MT from MSE Vendor</b>
<b>SSI1488P17 Dt. 16.06.2016</b> Single Stage Two Bid System	<b>04.08.2016</b>	<b>Paints</b>

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](http://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)

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**FORWARDING LETTER**

**Tender No.** : SDI1632P17 Dt. 02.07.2016

**Tender Fee** : Rs 1,000.00

**Bid Security** : Applicable

**Bidding Type** : SINGLE STAGE COMPOSITE BID SYSTEM

**Tender Type** : Open Tender

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

**Performance Security** : Applicable

**Integrity Pact** : Not Applicable

OIL invites Bids for **Installation, Commissioning of Street Lighting Pole with Luminaire** through its e-Procurement site under **SINGLE STAGE COMPOSITE BID SYSTEM**. The bidding documents and other terms and conditions are available at Booklet No. MM/LOCAL/E-01/2005 for E-Procurement 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 ERP MM Deptt at following: Tel Nos = 0374-2807178, 0374-2807171 , 0374-2807192. Email id = [erp\\_mm@oilindia.in](mailto:erp_mm@oilindia.in).

- b) OIL's office timings are as below:

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

Vendors should contact OIL officials at above timings only.

- c) “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 RFX** Response.

### **Special Note:**

#### **1.0 Technical and Financial Criteria:**

In addition to the general BRC/BEC, following Technical and Financial criteria shall be considered as on the original Bid Closing Date. (**Documentary evidence to be provided along with the bid in Technical RFx -> External Area -> Tender Documents failing which the offer shall be rejected**).

<b>Criteria</b>	<b>Complied / Not Complied.</b>  <b>Documentary evidence submitted / not submitted</b>
a) Bidder should have experience of successfully executing atleast 1 (one) similar order for Rs. 9.07 Lakhs in preceding 5 (five) years. "Similar Order" means "Supplying, Installation and Commissioning of Street light system".	
b) Annual financial turnover of the firm in any of the preceding 3 financial years should not be less than 50% of the estimated value (In Rs). (NOTE: Exact value to be given in NIT)	
c) Net Worth of the firm should be Positive for preceding financial / accounting year.	

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

financial turnover enclose the audited Annual Report , Balance Sheet and Profit and Loss Account certified by a chartered accountant.

**2.0 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).**

**Alternatively application showing full address/email address with Tender Fee (Non-refundable) of Rs. 1,000.00 in the form of crossed "Payee Account only "Bank Draft/Bankers' Cheque drawn by Bank and valid for 90 days from the date of issue of the same or in the form of Indian Postal Orders payable to the OIL is to be sent to DGM-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](http://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).**

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

**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.

**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 **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.

**5.0 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.**

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 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.

10.0 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.

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

12.0 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.

**NOTE:**

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

**Yours Faithfully**

**Sd-**

**(R. BARMAN)**

**SR. MANAGER MATERIALS (IP)**

**FOR : DGM-MATERIALS**

**Tender No & Date: SDI1632P17 Dt. 02.07.2016****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.

<b><u>Criteria</u></b>	<b>Complied / Not Complied. (Remarks if any)</b>
<p><b>1.0 BID REJECTION CRITERIA (BRC):</b></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><b>A) COMMERCIAL:</b></p> <p>i) Validity of the bid shall be minimum 90 days from the Bid Closing Date.</p> <p>ii) Bid security: The bid must be accompanied by Bid Security of <b>Rs 36,000</b> in OIL's prescribed format as Bank Guarantee or a Cashier's cheque or Demand Draft 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. <b>The Bank Guarantee towards Bid Security shall be valid for 6 months from Bid closing date. (i.e. upto <b>04.02.2017</b>). Cashier's cheque or Demand Draft shall be valid for minimum 90 days or as per RBI's guidelines, drawn on “Oil India Limited” and payable at Duliajan, Assam</b></p> <p><b>Bid Security may also be paid online on or before the Bid Closing Date and Time mentioned in the Tender.</b></p> <p><b><u>If bid security in ORIGINAL of above mentioned Amount and Validity is not received or paid online within bid closing date and time, the bid submitted through electronic form will be rejected without any further consideration.</u></b></p>	

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

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

iii) Bids are invited under “Single Stage Composite Bid System”. Bidders have to submit both the “Techno-commercial Unpriced Bids” and “Priced Bids” through electronic form in the OIL’s e-Tender portal within the bid Closing date and time stipulated in the e-tender. The Techno-commercial Unpriced bid is to be submitted as per scope of works and Technical specification of the tender and the priced bid as per the online Commercial bid format. For details of submission procedure, please refer relevant para of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders.

iv) Performance Security:

The successful bidder shall submit Performance Security @ 10% of PO value within 30 days of receipt of the formal purchase order failing which OIL reserves the right to cancel the order and forfeit the Bid Security. Bidders should undertake in their bids to submit Performance Security as stated above.

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

(a) 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.

(b) A Cashier's cheque or Demand Draft with validity of minimum 90 days or as per RBI’s guidelines, drawn on “Oil India Limited” and payable at Duliajan, Assam.

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

x) **Material should be delivered within 9 months from the receipt of order from OIL. Installation and Commissioning of the supplied materials at OIL site should be completed within 2 months from the date of acceptance of materials by OIL.**

**ix). A bid shall be rejected straightway if it does not conform to any one of the following clauses:**

**(a) Validity of bid shorter than the validity indicated in the Tender.**

**(b) Original Bid Security not received within the stipulated date & time mentioned in the Tender.**

**(c) Bid Security with (i) Validity shorter than the validity indicated in Tender and/or (ii) Bid Security amount lesser than the amount indicated in the Tender.**

**(d) Annual Turnover of a bidder lower than the Annual turnover mentioned in the Tender.**

## **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) The bids will be evaluated as per NIT specifications.

### **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) A job executed by a bidder for its own organization / subsidiary cannot



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

**NOTE:**

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

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## TECHNICAL SPECIFICATIONS WITH QUANTITY

Tender No &amp; Date: SDI1632P17 Dt. 02.07.2016

	Complied / Not Complied. (Remarks if any)
<p><b>ITEM NO. 10: STREET LIGHTING POLE WITH LUMINAIRE, (QNTY. – 10 Nos.)</b></p> <p>Supply of Street Ligning GI Poles with LED luminaires along with accessories:</p> <p>A. Lighting package: The Street lighting unit shall include the following major supply items:</p> <ul style="list-style-type: none"> <li>i) Galvanised Steel Tubular Pole 410-SP-58 as per IS: 2713 / 1980 with accessories as specified in the technical specification: 1 Unit.</li> <li>ii) LED Flood Lighting luminaires as per technical specification: 2 Nos.</li> <li>iii) Street lighting PVC Junction Box as per technical specification: 1 Unit.</li> <li>iv) Individual Pole Earthing system with 25x6 sq.mm GI earth strip as per technical specification: 1 Unit.</li> <li>v) Luminaire wiring cable from luminaire to the PVC junction Box: 1 Unit (20 Meter length).</li> <li>vi) 63mm Dia. HDPE pipe for cable entry to the PVC Junction Box above the PCC Grouting per technical specification: 1 Unit (1.5 Meter length).</li> </ul> <p>B. Technical Specification</p> <p>B.1.0 Luminaire:</p> <ul style="list-style-type: none"> <li>i) High lumen efficient LED Flood Lighting Luminaire suitable for following features shall be used: Luminaire Shall be IP 65/66 category. System Lumen output of the Luminaire shall be # 13000 Lumen Luminaire efficacy shall not be less than 85% Voltage 220-240V AC 50 Hz Driver: Constant Current Driver</li> <li>ii) LED flood lighting luminaire comprises of die cast aluminium housing with high thermal conductivity. Feature of Luminaire is as below: <ul style="list-style-type: none"> <li>a) Adequate heat sink with proper thermal management shall be provided.</li> <li>b) Colour temperature of the proposed white colour LED shall be 4500-5500K.</li> <li>c) Power factor of complete fitting shall be more than 0.9</li> <li>d) The driver card shall withstand 440V and shall resume normal working when nominal voltage is applied again</li> <li>e) CRI of the luminaire shall be more than 70%.</li> <li>f) Total harmonic distortion (current and voltage) induced into an AC power line by a luminaire shall not exceed 20 percent.</li> <li>g) The luminaire on-board circuitry shall include surge protection devices (SPD) to withstand high repetition noise transients as a result of utility line switching, nearby lightning strikes, and other interference.</li> </ul> </li> </ul> <p>B.2.0 Special note:</p> <ul style="list-style-type: none"> <li>i) Bidders to have to produce LM-79-08 &amp; LM-80-08 test report from NABL certified /</li> </ul>	

- authorized Laboratories for the offered model or type of LED luminaire along with the bid.
- ii) Bidders to supply all technical documents for the luminaire they offers along with photometric details of the luminaire.
  - iii) The design criteria shall be fulfilled. The light product, driver current, lumen output, efficacy, number of LED, input wattage and other relevant details in design shall be considered for technical evaluation. If any deviation found in parameter of driver current , lumen output, efficacy, number of LED , input wattage of offered Luminaire model / type in the report of LM-79-08 , LM- 80-08 , IP -66 from design data, then the test report will not be accepted.
  - iv) Luminaire make: Philips/ Crompton Greaves / Havells / Bajaj / GE / C&S / HPL or as approved by OIL Engineer in charge.
  - v) Luminaire including the drivershall be guaranteed for Repair/replacement for 4 years from the date of issue of suitability report.
  - vi) Repair/replacement guarantee certificate for the 4 year guarantee period is to be supplied from the OEM.

#### B.3.0 Pole with its accessories:

- i) Type of pole:Galvanized Steel Tubular Pole 410-SP-58 as per IS: 2713 / 1980 with Base plate and following accessories:
  - a)Galvanized Steel Luminaire fixing Cross Arm Bracket: 2 Nos.
  - b)Galvanized Steel Tubular Pole details:
    - Pole Overall Length: 12000 mm
    - Length / Outside Diameter / Thickness of Sections:
    - Bottom : (5800 / 165 / 4.5) mm
    - Middle : (3100 / 140 / 4.5) mm
    - Top : (3100 / 115 / 3.65) mm
    - Base Plate size: (400 x 400 x 8 )mm
    - Cap plate thickness: 5 mm
- ii)The poles shall be hot dip galvanized as per IS 2629 / IS 2633 / IS 4759 standards with average coating thickness of 85 micron. The galvanizing shall be done in single dipping.
- iii) The pole manufacturing & galvanizing unit shall be ISO 9001: 2000, ISO14001 & OHSAS 18001 certified to ensure consistent quality & environmental Protection.
- iv) alvanized Iron Luminaire fixing Pole Bracket:Bracket Shall be made with Heavy Duty GI Pipes of required dimensions. Boom length of the bracket shall be 1Meter. Boom angle shall be 5 deg. All bracket fixing bolt shall be made with GI of suitable size.
- v)Galvanized SteelLuminaire fixing Cross Arm Bracket:Bracket shall be made with 75 x 75 x 6mm MS angle galvanized. Length of the bracket shall be 115 Meter.
- vi) The pole manufacturing & galvanizing unit shall be ISO 9001: 2000, ISO14001 & OHSAS 18001 certified to ensure consistent quality & environmental Protection.
- vii) There shall also be suitable GInut / studarrangement on the on the pole at a height of 2M from the base platefor the purpose of earthing with 25x6 mm2GI strap earthing as per the details in technical specification.
- viii) Manufacturer of Lighting Pole manufacturer: M/s Nezone, Guwahati, M/s Volmount, Guwahati, M/s JK Poles and Pipes, Kolkata.

#### B.4.0 Pole Earthing:

Pole earthing unit shall be made with pre-fabricated GI plate of size 150x150x6 mm3 welded with 25x6 mm2 size 2 Metre long GI strap.

#### B.5.0 Street lighting PVC Junction Box:

IP 65 medium grade, Fire Retardant PVC Junction box provided with the following inside the box.

<p>i) 20 A DP MCB / ISOLATOR -1 No. Make-Legrand/Siemens/Schneider or equivalent</p> <p>ii) 5A MCB - 2 Nos. Make-Legrand/Siemens/Schneider or equivalent</p> <p>iii) PVC Cable Gland of suitable size 4 Nos. From the same manufacture of PVC Junction Box.</p> <p>iv) DIN channel Mounted fixed type Connector (8 unit combined) 1 No. Materials shall be embossed with ISI mark and relevant IS- No. and made with non-hygroscopic, anti-tracking material</p> <p>v) All the above mentioned materials shall be supplied to Electrical Department for initial checking. However final suitability of the material will be given only after successful Installation and Testing of the Luminaries Unit along with pole and wiring at site.</p> <p><b>B.6.0 Wires for connection:</b> The wires for connection from terminal plate of the pole to the fixtures shall be 1100 V grade, 3x1.5 sq.mm. Unarmored FR PVC insulated round PVC stranded copper, cable of 8 Meter length. The wires shall conform to the applicable IS.</p> <p><b>B.7.0 HDPE pipe:</b> 1.5 M length 63mm dia HDPE pipe for cable entry to the PVC Junction Box above the PCC Grouting.</p>	
<p><b>ITEM NO. 20 : INSTALLATION &amp; COMMISSIONING OF ITEM NO. 10, (QNTY. – 1 AU)</b></p> <p>Installation, Connection, Testing and Commissioning of each no.(set) of item-10 will be as per the following schedule.</p> <ol style="list-style-type: none"> <li>1. Successful bidder to collect drawing and Luminaire fixing plan from OIL Engineer in charge.</li> <li>2. Preparation of drawings and other planning data for starting the job.</li> <li>3. Obtaining approval of all document from OIL engineer in charge.</li> <li>4. Marking of places for erection of Lighting Pole.</li> <li>5. Making of PCC grouting for Lighting Pole as per the drawing approved by OIL engineer in charge.</li> </ol> <p>PCC Grouting Size: 1000mm x 500mm x 500mm</p> <p>All construction materials for grouting for the Lighting Pole shall be arranged by the supplier. No additional payment will be paid to the supply for this.</p> <p>Bidders may consider the material value of PCC grouting for lighting pole while pricing Installation and Commission charge.</p> <ol style="list-style-type: none"> <li>6. 63mm Dia. HDPE pipe for cable entry shall be fixed in the PCC foundation as per the instruction of OIL Engineer in charge.</li> </ol> <p>HDPE pipe required for above shall be arranged by the supplier. No additional payment will be paid to the supply for this.</p> <p>Bidders may consider the material value of HDPE pipe required at the time of pricing Installation and Commission charge.</p> <ol style="list-style-type: none"> <li>7. Erection of Lighting Pole shall be done by skilled workers under supervision of competent supervisor for this job only.</li> <li>8. Wiring of lighting cable from top of the bracket and PVC Junction Box to be done with 3x1.5 sq mm PVC stranded copper cable as specified in the technical specification.</li> </ol> <p>Bidders may consider the material value of cable required at the time of pricing Installation and Commission charge.</p> <ol style="list-style-type: none"> <li>9. Testing of each Luminaire with 230V ac supply.</li> <li>10. All above job shall be done under supervision of Authorized supervisor having Electrical Supervisory License issued by competent authority.</li> </ol>	

Note: OIL will arrange power supply to each Street Lighting Junction box.

**ITEM NO. 30: STREET LIGHTING POLE WITH LUMINAIRE, (QNTY. – 20 Nos.)**

Supply of Street Lightning GI Poles with LED luminaires:

**A) Lighting package:**

The Street lighting package shall include the following major supply items:

- i) Galvanised Steel Tubular Pole 410-SP-31 as per IS: 2713 / 1980 with accessories as specified in the technical specification 1 Unit.
- ii) LED Street Lighting luminaires as per technical specification: 1 Unit.
- iii) Street lighting PVC Junction Boxes as per technical specification: 1 Unit.
- iv) Individual Pole Earthing system with 25x6 sq.mm GI earth strip as per technical specification: 1 Unit.
- v) Luminaire wiring cable from luminaire to the PVC junction Box: 1 Unit (8 Meter length).
- vi) 63mm Dia. HDPE pipe for cable entry to the PVC Junction Box above the PCC Grouting as per technical specification : 1 Unit (1.5 Meter length).

**B) Technical Specification**

**B).1.0 Luminaire:**

(i) High lumen efficient LED Street lighting Luminaire suitable for following features shall be used:

Luminaire Shall be IP 65/66 category.

System Lumen output of the Luminaire shall be # 6500 Lumen

Luminaire efficacy shall not be less than 85%

Voltage 220-240V AC 50 Hz

Driver: Constant Current Driver

(ii) LED streetlight luminaire comprises of die cast aluminium housing with high thermal conductivity, Adequate heat sink with proper thermal management shall be provided. Colour temperature of the proposed white colour LED shall be 4500-5500K. Power factor of complete fitting shall be more than 0.9. The driver card shall withstand 440V and shall resume normal working when nominal voltage is applied again CRI of the luminaire shall be more than 70%. Total harmonic distortion (current and voltage) induced into an AC power line by a luminaire shall not exceed 20 percent. The luminaire on-board circuitry shall include surge protection devices (SPD) to withstand high repetition noise transients as a result of utility line switching, nearby lightning strikes, and other interference.

**B.2 : Special note**

i) Bidders to have to produce LM-79-08 & LM-80-08 test report from NABL certified / authorized Laboratories for the offered model or type of LED luminaire along with the bid.

ii) Bidders to supply all technical documents for the luminaire they offers along with photometric details of the luminaire.

iii) The design criteria shall be fulfilled. The light product, driver current, lumen output, efficacy, number of LED, input wattage and other relevant details in design shall be considered for technical evaluation. If any deviation found in parameter of driver current , lumen output, efficacy, number of LED , input wattage of offered Luminaire model / type in the report of LM-79-08 , LM- 80-08 , IP -66 from design data, then the test report will not be accepted.

iv) Luminaire make: Philips/ Crompton Greaves / Havells / Bajaj / GE / C&S / HPL or as approved by OIL Engineer in charge.

v) Luminaire including the drivers shall be guaranteed for Repair/replacement for 4 years from the date of issue of suitability report.

vi) Repair/replacement guarantee certificate for the 4 year guarantee period is to be supplied from the OEM.

#### B.3.0 Pole with its accessories:

i) Type of pole: Galvanized Steel Tubular Pole 410-SP-31 as per IS- 2713 / 1980 with base plate along with the following accessories:

a) Galvanized Steel Luminaire fixing Pole Bracket-1 No.

b) Galvanized Steel Cross Arm Bracket- 1 No.

c) Galvanized Steel Tubular Pole details:

Pole Overall Length: 9000 mm

Length / Outside Diameter / Thickness of Sections:

Bottom : 5000 mm / 165mm / 4.5 mm

Middle : 2000 mm / 140 mm / 4.5 mm

Top : 2000 mm / 115 mm / 3.65 mm

Base Plate size: (300 x 300 x 6)mm

Cap plate thickness: 5 mm

ii) The poles shall be hot dip galvanized as per IS 2629 / IS 2633 / IS 4759 standards with average coating thickness of 85 micron. The galvanizing shall be done in single dipping.

iii) The pole manufacturing & galvanizing unit shall be ISO 9001: 2000, ISO14001 & OHSAS 18001 certified to ensure consistent quality & environmental Protection.

iv) Galvanized Iron Luminaire fixing Pole Bracket: Bracket Shall be made with Heavy Duty GI Pipes of required dimensions. Boom length of the bracket shall be 1 Meter. Boom angle shall be 5 deg. All bracket fixing bolt shall be made with GI of suitable size.

v) Galvanized Steel Cross Arm Bracket: Bracket shall be made with 75 x 75 x 6mm MS angle galvanized. Length of the bracket shall be 1 Meter.

vi) The pole manufacturing & galvanizing unit shall be ISO 9001: 2000, ISO14001 & OHSAS 18001 certified to ensure consistent quality & environmental Protection.

vii) There shall also be suitable GI nut / stud arrangement on the pole at a height of 2M from the base plate for the purpose of earthing with 25x6 mm<sup>2</sup> GI strap earthing as per the details in technical specification.

viii) Manufacturer of Lighting Pole manufacturer: M/s Nezone, Guwahati, M/s Volmount, Guwahati, M/s JK Poles and Pipes, Kolkata.

#### B.4.0 Pole Earthing:

Pole earthing unit shall be made with pre-fabricated GI plate of size 150x150x6 mm<sup>3</sup> welded with 25x6 mm<sup>2</sup> size 2 Metre long GI strap.

#### B.5.0 Street lighting PVC Junction Box:

IP 65 medium grade, Fire Retardant PVC Junction box provided with the following inside the box.

(a) 20 A DP MCB / ISOLATOR-1 No. Make-Legrand/Siemens/Schneider or equivalent.

(b) 5A MCB -2 Nos. Make- Legrand/Siemens/Schneider or equivalent.

(c) PVC Cable Gland of suitable size 4 Nos. From the same manufacture of PVC Junction Box

(d) DIN channel Mounted fixed type Connector (8 unit combined)-1 No. Materials shall be embossed with ISI mark and relevant IS No. and made with non-hygroscopic, anti-tracking material

(e) All the above mentioned materials shall be supplied to Electrical Department for initial checking. However final suitability of the material will be given only after successful Installation and Testing of the Luminaries Unit along with pole and wiring at site.

<p><b>B.6.0 Wires for connection:</b> The wires for connection from terminal plate of the pole to the fixtures shall be 1100 V grade, 3x1.5 sq.mm. Unarmored FR PVC insulated round PVC stranded copper, cable of 8Meter length. The wires shall conform to the applicable IS.</p> <p><b>B.7.0 HDPE pipe</b> 1.5 M length 63mm dia HDPE pipe for cable entry to the PVC Junction Box above the PCC Grouting</p>	
<p><b>ITEM NO. 40 : INSTALLATION &amp; COMMISSIONING OF ITEM NO. 30, (QNTY. – 1 AU)</b></p> <p>Installation, Connection , Testing and Commissioning of each no.(set) of item-10 will be as per the following schedule.</p> <ol style="list-style-type: none"> <li>1) Successful bidder to collect drawing and Luminaire fixing plan from OIL Engineer in charge.</li> <li>2) Preparation of drawings and other planning data for starting the job.</li> <li>3) Obtaining approval of all document from OIL engineer in charge.</li> <li>4) Marking of places for erection of Lighting Pole.</li> <li>5) Making of PCCgrouting for Lighting Pole as per thedrawing approved by OIL engineer in charge.</li> </ol> <p>PCC Grouting Size: 1000mm x 500mm x 500mm</p> <ol style="list-style-type: none"> <li>6) All construction materials for grouting for the Lighting Pole shall be arranged by the supplier.No additional payment will be paid to the supply for this. Bidders may consider the material value of PCCgroutingfor lighting pole whilepricing Installation and Commission charge.</li> <li>7) 63mm Dia. HDPE pipe for cable entry shall be fixed in the PCC foundation as per the instruction of OIL Engineer in charge. HDPE pipe required for above shall be arranged by the supplier. No additional payment will be paid to the supply for this. Bidders may consider the material value of HDPE pipe required at the time of pricing Installation and Commission charge.</li> <li>8) Erection of Lighting Poleshall be done by skilled workersunder supervision of competent supervisorfor this job only.</li> <li>9) Wiring of lighting cable from top of the bracket and PVC Junction Box to be done with 3x1.5sq mm PVC stranded copper cable as specified in the technical specification. Bidders may consider the material value of cable required at the time of pricing Installation and Commission charge.</li> <li>10) Testing of each Luminaire with 230V ac supply.</li> <li>11) All above job shall be done under supervision of Authorized supervisor having Electrical Supervisory License issued by competent authority.</li> </ol> <p>Note: OIL will arrange power supply to each Street Lighting Junction box.</p>	

**NOTE:**

- 1) Quotation along with all relevant documents and technical literature/catalogue/leaflet should be forwarded to us for technical evaluation.
- (2) The bidder should be supply materials from OEM or authorised dealer only. Valid dealership/authorisation certificate from OEM must be submitted along with bid,for luminaire and the post separately.



(3) Bidder must be experience in supplying, Installation and Commissioning of Street light system in any Central Govt./ State Govt./ PSU in last five year from bid due date and have to submit self-certified confirmation on this with the bid document. Failing which bid will not be considered for evaluation.

1) Offer shall be complete in all respect to meet the technical specifications as per NIT. The bidder shall be manufacturer or authorized dealer of offered materials. In case of authorized dealer, valid dealership certificate must be submit along with bid.

2) The bidder should quote for (a) supply of materials as per item-10 and (b) commission the same at OIL site as per item-20.

3) The Bidder shall have experience of supplying, Installation and Commissioning of Street light system in any Central Govt./ State Govt./ PSU in last five year from bid due date of minimum value of Rs. 9.07 Lakhs to any Central Govt/ State Govt/ PSU during last five year as on bid closing date and shall submit a documentary evidence as a proof.

6) Bidder should fill attached check list and submit along with the offer.

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

**CHECK LIST**

<b>Sl. No.</b>	<b>NIT Clause</b>	<b>Comply or Not Comply with reason</b>	<b>Supporting documents with page no/sheet in the offer.</b>
1	Special note no.1 under header note of NIT for submission of technical literature/etc.		
2	Special note no.2 under header note of NIT for submission of valid dealership certificate in case of dealer.		
3	Special note no.3 under header note of NIT for submission of experience certificate.		
4	Clause no. A.(i) to A.(vi) under Item description of Item-10 of NIT.		
5	Clause no. B.1.0 under item description of Item-10 of NIT.		
6	Clause no. B.2.0 under item description of Item-10 of NIT.		
7	Clause no.B.3.0 under item description of Item-10 of NIT.		
8	Clause no.B.4.0 under item description of Item-10 of NIT.		
9	Clause no.B.5.0 under item description of Item-10 of NIT .		
10	Clause no.B.6.0 under item description of Item-10 of NIT .		
11	Clause no.B.7.0 under item description of Item-10 of NIT .		
12	Agreeing for Installation & Commissioning of supplied materials under Item Description of Item-20 of NIT.		

**Technical Bid Checklist****Annexure-EEE**

Tender No.			
Bidder's Name :			
		<b>Compliance by Bidder</b>	
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.