

## **ANNEXURE : II**

Other than the vendors to whom the enquiry has been issued, interested vendors who wish to participate in the tender may apply with proper credentials and other relevant details so as to reach Head-Materials, Oil India Limited, P.O. Duliagan, Dist. Dibrugarh, Assam – 786602 (e-mail : [material@oilindia.in](mailto:material@oilindia.in), Fax : 0374-2800533) within 10 days of publication of the tender on OIL's website.

The vendors must fulfill the following conditions:

- i) The party should have 03 (three) years' experience as on the Bid closing date for the same item.
- ii) The party should have received one order for at least 50% quantity in last 03 (three) years' (as on the Bid closing date) for the item from any reputed firm.
- iii) Annual turnover of the firm in any of the last 3 (three) financial years or current financial year should be more than Rs.09.45 lakhs.

### **NOTE:**

- a. The applicant must meet the above qualifying criteria for which documentary evidence should be enclosed by the applicant with the application without which tender document shall not be issued.
- b. Relevant documents in support of experience, last order and annual turnover must be submitted along with the application.
- c. Application without complete supporting document will not be considered.

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**Tender No.** : DID5685L15/L4  
**Tender Date** : 15.12.2014  
**Bid Closing On** : 22.01.2015 at 13:00 hrs.(IST)  
**Bid Opening On** : 22.01.2015 at 13:00 hrs.(IST)

**Tender issued to following parties only:**

S/no	V_Code	Vendor Name	City/Country
1	200211	STEEL & INDUSTRIAL STORES	ASSAM
2	200310	ASSAM ELECTRICALS	TINSUKIA
3	200384	PHILIPS ELECTRONICS INDIA LIMITED	KOLKATA
4	200832	INDUSTRIAL EQUIPMENTS	GUWAHATI
5	201832	BAJAJ ELECTRICALS LIMITED	GUWAHATI
6	202000	BENGAL ELECTRICAL INDUSTRIES	KOLKATA
7	202289	U.K. ENTERPRISE	GUWAHATI
8	203062	GLOCON	TINSUKIA
9	203118	OSRAM INDIA LTD	KOLKATA - 700 020
10	203202	HAVELL'S INDIA LIMITED	GUWAHATI
11	203453	ELMECH TRADERS	TINSUKIA
12	203577	ARADHANA AGENCY	GUWAHATI
13	203799	CROMPTON GREAVES LTD	GUWAHATI
14	204724	KIRAN ELECTRONICS	GUWAHATI
15	204799	NATIONAL ELECTRIC CORPN (CAL)	KOLKATA
16	205062	POWER GRID ASSOCIATES	DULIAJAN
17	205108	GE INDIA INDUSTRIAL PVT. LTD.	KOLKATA
18	205574	NATIONAL MARKETING ENTERPRISES	TINSUKIA
19	208329	GARG HARDWARE & ELECTRICALS	JORHAT
20	208781	SHIV ENTERPRISE	TINSUKIA
21	208845	BALAJI ELECTRICALS	TINSUKIA
22	210398	TIRUPATI ELECTRICAL	DULIAJAN
23	401861	R K CHETIA	DULIAJAN

**OIL INDIA LIMITED**  
 (A Govt. of India Enterprise)  
 P.O. Duliajan-786602, Assam  
**E-mail:**material@oilindia.in, **Fax No.**91-374-2800533

**ANNEXURE-I****Tender No. : DID5685L15/L4****Tender Date : 15.12.2014**

Item No./ Mat. Code	Material Description	Quantity	UOM
<b>10</b> 0C000161	<p><b>Supply, Installation and Testing of LED luminaire with Octagonal GI Pole</b></p> <p><b>The Supply lighting package</b></p> <p>The Street lighting unit shall include the following major supply items:</p> <p>i) Galvanized Octagonal pole with accessories as specified in the technical specification</p> <p>ii) Street Lighting luminaires as per technical specifications.</p> <p>iii) Street lighting Metallic Junction Box as per technical specification.</p> <p>iv) 3x2.5sq mm PVC stranded copper cable for wiring of lighting cable from top of the bracket to PVC Junction Box.</p> <p>v) Individual Pole Earthing system with 25x6 sq.mm GI earth strip as per technical specification.</p> <p><b>Technical Specification</b></p> <p><b>Luminaire</b></p> <p>High lumen efficient LEDs suitable for following features shall be used:</p> <p>Luminaire Shall be IP 66 category.</p> <p>System lumen output of the luminaire shall be # 1600lumen.</p> <p>Voltage 220-240V AC 50 Hz</p> <p>Driver: Constant Current Driver</p> <p>Optics High Efficiency Powder Coated reflectors and High Transitivity Opal Diffuser Cover</p> <p>a) Adequate heat sink with proper thermal management shall be provided.</p> <p>b) Colour temperature of the proposed white colour LED shall be 4000-4500K.</p> <p>c) The output of LED shall be # 100lumen per watt at minimal operating current and shall ensure guaranteed operation life of 50,000 burning hours with controlled junction temperature.</p> <p>d) Efficiency of driver electronics shall be more than 85%.</p> <p>e) Power factor of complete fitting shall be more than 0.9</p> <p>f) The driver card shall withstand 440V and shall resume normal working when nominal voltage is applied again</p> <p>g) Thermal management shall be in such a way that LED junction temperature shall not go beyond 80 degree centigrade</p> <p>h) CRI of the luminaire shall be more than 70%.</p> <p><b>Special note</b></p> <p>i. Bidders to supply LED luminaire manufacture have to produce LM-79-08 &amp; LM-80-08 report from LED luminaire manufacture along with the bid.</p> <p>ii. Bidders to supply all technical documents for the luminaire they offers along with photometric details of the luminaire.</p> <p>iii. The design criteria shall be fulfilled. The light product, driver current, lumen output, number of LED, input wattage and other relevant details in design shall be considered for technical evaluation of the rest criteria. If any deviation found in parameter of driver current , lumen output, number of LED , input wattage of specified light product in the report of LM-79-08 , LM- 80-08 , IP -66 from design data : the test report will not be</p>	35	NO

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Item No./ Mat. Code	Material Description	Quantity	UOM
	<p>accepted.</p> <p>iv. LED Street lighting Luminaire shall be similar to - Philips make LED Green Line smart BRP020 type Luminaire for same Lumen output.</p> <p>v. Luminaire make: Philips/ Havells /Bajaj/GE/Crompton Greaves.</p> <p>vi. Repair/replacement warranty certificate for the guarantee period is to be supplied from the OEM of the Luminaire supplied along with the material at the time of dispatch</p> <p>vii. For further clarification contact EE(TD), Electrical Department, OIL</p> <p><b>Pole with its accessories</b>  <b>Type of pole:</b> Hot Dip Galvanized Tapered Octagonal Poles with suitable size GI bracket.  <b>Steel:</b> Grade BSEN 10025-S355J0 or Equivalent  <b>Base Plate:</b> IS 2062 or Equivalent.  The poles shall be hot dip galvanized as per IS 2629 / IS 2633 / IS 4759 standards with average coating thickness of 70 micron. The galvanizing shall be done in single dipping.  <b>Pole Height:</b> 6M  Pole bracket length shall be 1M with boom angle 15 degree.  <b>Diameter (A/F):</b> Top - 70 mm, Bottom -130 mm or as per manufacturer recommendation.  <b>Thickness:</b> 3mm,  <b>Pole Base:</b> 220x12 mm or as per manufacturer recommendation.  <b>Foundation Bolt dimension:</b> as per manufacturer recommendation.  The galvanized mounting bracket shall be supplied along with the Octagonal Poles for installation of the luminaries.  The pole manufacturing &amp; galvanizing unit shall be ISO 9001: 2000, ISO14001 &amp; OHSAS 18001 certified to ensure consistent quality &amp; environmental Protection.  The octagonal Poles shall have hinged door of approximate 500 mm length at the elevation of 500 mm from the Base plate. The door shall be vandal resistance and shall be weather proof to ensure safety of inside connections.  The door shall be flush with the exterior surface and shall have suitable locking arrangement.  There shall also be suitable GI nut / stud arrangement on the base plate for the purpose of earthing with 25x6 mm<sup>2</sup> GI strap Earthing as per the details in technical specification.  The pole shall be adequately strengthened at the location of the door to compensate for the loss in section.  One No 3mm thickness GI plate shall be welded at suitable place inside the pole at the door to accommodate fix following size Street lighting Junction Box (JB shall be as per technical Specification)  <b>Size of the Metallic Junction Box (JB): 190x105x70 mm<sup>3</sup></b></p> <p><b>Manufacturer of Octagonal Pole manufacturer:</b> M/s Nezone, Guwahati; M/s Volmount, Guwahati; M/s JK Poles and Pipes, Kolkata.</p> <p><b>Wiring Cable:</b>  <b>Wiring of lighting cable</b> from top of the bracket and PVC Junction Box to be done with 3x2.5sq mm PVC stranded copper cable  <b>All power wiring cable shall be as Per IS 7098 (Part 1) 1988 and for PVC insulated, unsheathed, 1100V grade, FIA, TAC, IS-694 approved with</b></p>		

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	<p><b>flexible copper conductor.</b></p> <p><b>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></p> <p><b>#</b>  <b>Street lighting Junction Box</b>  <b>Street lighting junction box shall be a pre-fabricated 3 Module metallic MCB Box, IP20 with the following components. And shall be suitable size to accommodate inside the octagonal Pole at the Hinged Door.</b></p> <p><b>COMPONENT SIMILAR TO LEGRAND CAT NO. QUANTITY</b>  <b>1.0 TP ENCLOSURE 6078 83 1 No</b>  <b>2.0 32A ISOLATOR 6040 01 1 No</b>  <b>3.0 4A MCB 6032 29 1 No.</b></p> <p><b>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.</b></p>		
	<b>Installation &amp; Commissioning</b>		
10	<p>Installation and Commissioning</p> <p>Installation and Testing of each unit will be as per the following schedule.</p> <p>2.1 Successful bidder to collect drawing and Luminaire fixing plan from OIL Engineer in charge.</p> <p>2.2 Preparation of drawings and other planning data for starting the job.</p> <p>2.3 Obtaining approval of all document from OIL engineer in charge.</p> <p>2.4 Marking of places for erection of Octagonal Ligating Pole.</p> <p>2.5 Making of RCC foundation for Octagonal as per the approved OEM foundation drawing.</p> <p>All construction materials for foundation for the octagonal shall be arranged by the supplier.</p> <p>No additional payment will be paid to the supply for this.</p> <p>Bidders may consider the material value of RCC Base Foundation for octagonal pole while pricing Installation and Commission charge.</p> <p>2.6 Anchor bolt projection on the foundation shall be 100mm.</p> <p>2.7 Foundation top shall be at a height of 500mm from the ground level and perfectly levelled.</p> <p>2.8 Anchor bolt shall be projected perfectly perpendicular on the foundation top.</p> <p>2.9 63mm dia HDPE pipe for cable entry shall be fixed in the PCC foundation as per the instruction of OIL Engineer in charge.</p> <p>HDPE pipe required for above shall be arranged by the supplier.</p> <p>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> <p>2.10 Erection of Octagonal Pole shall be done by skilled workers under supervision of authorized supervisor only.</p> <p>2.11 Wiring of lighting cable from top of the bracket and PVC Junction Box to be done with 3x2.5sq mm PVC stranded copper cable.</p>	1	AU

	2.12 Testing of each Luminaire with 230V ac supply. 2.13 All above job shall be done under supervision of Authorized supervisor having Electrical Supervisory License issued by competent authority.  Note: OIL will arrange power supply to each Street Lighting Junction box.		
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**Standard Notes:** (1) **VALIDITY :** Your offer must be valid for 75 days from the date of bid opening. Offer with inadequate validity will be rejected.

(2) The offer should be submitted in Duplicate.

(3) 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 a 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).

(4) In the event you authorize your dealer/stockist/channel partner to quote on your behalf, the dealer/stockist/channel partner while submitting bid should mention on the body of the envelope that they are submitting bid on your behalf.

In the event the dealer/stockist/channel partner do not mention the name of their OEM/principal on the body of the envelope, the offer shall be treated as unsolicited offer and will not be considered for opening.

The dealer/stockist/channel partner should take note of above while submitting bid on behalf of their OEM/principal.

(5) For order with F.O.R. Destination term, 100% payment against despatch documents will not be entertained. In this regards please refer payment terms in ANNEXURE-MM/TENDER/LP/01/06.

(6) To evaluate the inter-se ranking of the offers, Assam Entry Tax on purchase value will be loaded as per prevailing Government of Assam Guidelines as applicable on bid closing date. Bidders may check this with the appropriate authority while submitting their bids.

(7) Bidder must mention page no./nos. in every pages of their offer.

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

(9) Bidder should clearly mention their name and address on the outside of the envelope containing their offer.

(10) In the event of receipt of only a single offer against the tender within B.C.date, OIL reserves the right to extend the B.C. date as deemed fit by the company. During the extended period, the bidders who have already submitted the bids on or before the original B.C date, shall not be permitted to revise their quotation.

**Special Notes :** 1) Technical catalogues and other required document, as per the special note of the technical specification for all items should be submitted along with the offer.

2) Warranty of LED luminaire including driver shall be minimum 3(three) years and necessary documents shall be submitted along with the offer.

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**3) Packing should be adequate to avoid transit damage.**