

OIL INDIA LIMITED
(A Govt. of India Enterprise)
Udyan Vihar, Narengi, Guwahati,
Assam

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Tender No. & Date : GOD8715L16/2K 29.09.2015

Bid Security Amount : INR 0.00 OR USD 0.00
(or equivalent Amount in any currency)

Bidding Type : Single Bid (Composite Bid)

Bid Closing On : 05.11.2015 at 13:00 hrs. (IST)
Bid Opening On : 05.11.2015 at 13:00 hrs. (IST)

Performance Guarantee : Not Applicable

OIL INDIA LIMITED invites Limited tenders for items detailed below:

Item No./ Mat. Code	Material Description	Quantity	UOM
10 0C000161	<p>FLP/WP 400W HPMV Flood Light Fitting with control FLP Control Gear box</p> <p>DETAIL DESCRIPTION Each fitting should have Flameproof and Weatherproof non-integral type flood light fittings suitable for 400W HPMV lamps 230 +/- 5%, 1 phase, 50 HZ supply with 400W HPMV bulbs fitted and matching control gear box for use in hazardous zone 1 & 2 and hazardous gas group IIA & IIB with the following specifications : (a) "Flameproof" and "Weatherproof" bear the definitions as described in IS:5572 and IS 2148 with latest amendments. (b) Type of protection : EX-d (c) Degree of protection : IP65 as per IS:13947 (Part-I)/1993 with latest amendments. (d) Must be light in weight. (e) Enclosure material : Die cast Aluminium alloy (LM-6 or similar) (f) Transparent part : Heat and Impact resistant toughened type 'A' glass, preferable "T3" type as per IS:2206 (Part-I) with latest amendments. (g) Internal reflector : Aluminium anodized (h) Gasket : Endless moulded neoprene (i) Hardware : Stainless Steel (j) Cable entry details : 1 x 3/4" ET, sealed with FLP stopping plug (one no. FLP cable gland suitable for 4 core 1.5 sq.mm EPR/ armoured cable should be separately packed). (k) Earthing points : 02 Nos. outside of the fitting and 01 No. inside of the fitting to be provided. (Total 3 points) (l) Finish : Anti-corrosive powder coated epoxy gray. (m) CMRI certification and also, a separate tag plate shall be embossed on the fitting stating the CMRI certificate . The fitting must be supplied with control gear box as per following specification</p> <p>FLP CONTROL GEAR BOX FOR THE ABOVE FITTINGS : Flameproof and Weatherproof Control Gear Box for item A above, complete with copper wound ballast, ignitor, capacitor and control fuse suitable for 400W HPMV lamps upto 250V, 1 phase, 50HZ for use in hazardous zone 1 &</p>	4	NO

Tender No. & Date : GOD8715L16/2K

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	<p>2 and hazardous area gas group IIA & IIB with following specifications :</p> <p>(a) "Flameproof" and "Weatherproof" bear the definitions as described in IS:5572 and IS:2148 .</p> <p>(b) Type of protection : Ex-d</p> <p>(c) Degree of protection : IP65 as per IS:13947 (Part-I) 1993(R2004)</p> <p>(d) Suitable for use in gas groups IIA & IIB as per IS:2148/2004</p> <p>(e) Enclosure material : Die cast Aluminium alloy (LM-6 or similar) with neoprene gasket.</p> <p>(f) Components : Suitable for 400W HPMV lamps</p> <p>g) Copper wound ballast</p> <p>h) Capacitor</p> <p>i) HRC fuse</p> <p>j) Ignitor</p> <p>k) Terminal block</p> <p>l) Cable entries : 3 x 3/4" ET sealed with FLP stopping plug (3 Nos. FLP cable glands suitable for 4 core 1.5 sq.mm EPR / armoured cable should be separately packed).</p> <p>(m) Earthing points : 02 Nos. outside of the fitting and 01 No. inside of the fitting to be provided (Total 3 points).</p> <p>(n) Finish : Anti-corrosive powder coated epoxy gray</p> <p>(o) CMRI certificate and also a separate tag plate shall be embossed on the fitting stating the CMRI certificate and no with date.</p> <p>MAKE:BAJAJ/FCG/SUDHIR/BALIGA</p>		
20 OC000161	<p>INTEGRAL FLOODLIGHT LUMINAIRE</p> <p>DETAIL DESCRIPTION OF EACH FITTINGS:</p> <p>INTEGRAL FLOODLIGHT LUMINAIRE WITH ,1 X 250WATT HIGH PRESSURE METAL HALIDE (TUBE TYPE)asymmetrical</p> <p>General purpose flood light luminaire with integral aluminum die cast control gear box suitable for 1 x 250 Watt Metal Halide (Tube type) lamp with the following specifications:</p> <ol style="list-style-type: none"> 1. Heat resistant, sturdy die cast aluminium (LM grade) housing with corrosion resistant properties for harsh environment 2. High purity aluminium reflector- electrochemically brightened and anodized 3. Heat resistant and toughened flat glass cover with heat resistant silicon rubber gasket, glass cover should be secured to the housing by single piece die-cast aluminium frame. 4. Integral aluminum die cast control gear box shall be supplied with pre-wired copper/electronic ballast, ignitor, heavy duty power factor correction capacitor, and GES lamp holder suitable for 220 to 240 Volts AC, 50 Hz, single phase supply protected by a back up fuse and / or MCB 5. Integral metal halide luminaires compartment protected to minimum IP 54. 6. Integral metal halide luminaires compartment shall be designed for easy 	8	NO

Tender No. & Date : GOD8715L16/2K

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	<p>maintenance and troubleshooting. Light fittings should be suitable for quick and easy lamp replacement from front/rear without disturbing the aiming position.</p> <p>7. The light fitting shall have provision for proper aiming and adjustment with a graduated disc (protractor).</p> <p>8. Light fittings shall be provided with proper mounting arrangement with brackets/ cradles.</p> <p>9. Luminaires shall be supplied with 1 (one) number of 250 Watt, 250 Volts AC Metal Halide Tube type lamp and integrated Control gear Boxes with 1 (one) each of copper wound /electronic ballast, capacitor, ignitor and GES lamp holder for 250 W METAL HALIDE Tube type lamp.</p> <p>10. Light fitting shall be manufactured conforming to relevant IS code specifications [IS:9974 part I & II with latest amendments].</p> <p>MAKE:PHILIPS/BAJAJ/CROMPTON GREAVES/HAVELLS/OSRAM</p>		
30 0C000161	<p>LED street light fittings.</p> <p><u>TECHNICAL SPECIFICATION OF LED STREET LIGHT fittings:</u></p> <p>1.0 LED street light fittings shall be suitable for road lighting application to replace the existing Fluorescent/MV/HPSV fittings.</p> <p>2.0 LED street light luminaire shall be Asymmetric Bat Wing Beam Pattern, cast aluminium housing with integral suitable LED driver.</p> <p>3.0 Supply Source :180-240 volt AC ,single phase supply. Frequency :50 ±1 Hz. Power Factor :Greater than 0.95.</p> <p>However, conditions for voltage fluctuations should be considered and the system should be robust enough to withstand such variation in supply source.</p> <p>4.0 Luminaire Efficacy: The luminaires should have a system efficacy of (≥) greater than or equal to 105 lm/W .</p> <p>5.0 Correlated Color Temperature (CCT): High Power LED with correlated color Temperature minimum 6000 k.</p> <p>6.0 Colour Rendering Index (CRI): Minimum CRI of 75.</p> <p>7.0 Luminaire technical requirement: The viewing angle of the luminaire shall be 120 x 70 Deg optimized for Street lighting application to achieve the uniformity.</p> <p>8.0 Usage Hours : minimum 12 hrs per day.</p> <p>9.0 Life Expectancy: Above 50,000 burning hours at ambient temperature with 70% lumen maintenance .Data sheet showing lumen maintenance in the</p>	60	NO

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	<p>LED Shall be submitted.</p> <p>10.0 Luman output shall be min. of 3000 lumen.</p> <p>11.0 Luminaire housing : With high performance heat sink(s) designed specifically for LED luminaires. Luminaire configuration must allow for field repair of all electrical components i.e. LED modules, Driver(s) etc.</p> <p>12.0 Construction: Cast aluminium with Toughened Glass sealed equal and above IP 65. Test report related shall be submitted.</p> <p>13.0 Mandatory Marking of information of the parameters as per IS 16103 (part 2) shall be provided.</p> <p>14.0 LED driver/Control Circuit</p> <ul style="list-style-type: none"> i. Compatible with LED ii. THD <20% at full load . iii. Efficiency >90% iv. Driver Life Rating shall be more than equal to 30,000 hours . v. Overload, Short ckt, Overheat protection shall be provided. <p>15.0 Surge protection</p> <ul style="list-style-type: none"> i. Internal surge protection, against lightening or any other electrical surge up to 9 KV. ii. Relevant testing data sheets shall be submitted. <p>16.0 Warranty</p> <ul style="list-style-type: none"> i. On site warrenty at least one year on the LEDs from date of supply., ii. On site warrenty at least one year on the driver from date of supply, <p>17.0 Standard:</p> <ul style="list-style-type: none"> i. System Lumen package shall be as per IES LM 79-08 . Relevant testing data sets shall be submitted . ii. Lumen Depreciation Performance Data Sets shall be as per IES LM-80-08 . Relevant testing data sets shall be submitted. iii. LED Life Rating shall be as per IES LM-80-08 data. <p>18.0 Make : BAJAJ/PHILIPS/HAVELLS OR EQUIVALENT</p>		
40 OC000161	<p>2 KVA 24 V Inverter.</p> <p>1.0 INVERTER RATING 2 KVA, 24 V, 200AH</p> <p>2.0 Recharge Time: should be less than 7 hours.</p> <p>3.0 Warranty: more than equal to 1 Year</p> <p>4.0 AC output should be distortion free, harmonics free & well regulated</p>	2	NO

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	<p>pure sine wave.</p> <p>5.0 OUTPUT : Minimum 90% OF Full load (i.e 1800 VA) and should be more than 2 hours.</p> <p>6.0 The display of parameters like output voltage,o/p current etc should be LCD type.</p> <p>7.0 The inverter should have auto overload cut off facility.</p> <p>8.0 The inverter should have short ckt protection on DC as well as AC side.</p> <p>9.0 The inverter should be equipped with protection against any irregularities in the Grid voltage like highvoltage,lowvoltage,Short ckt & overload.</p> <p>10.0 The battery charging system should be fully automatic i.e. the charging goes to Boost mode to Trickle mode automatically as per the condition of the battery.SHOULD BE EQUIPPED WITH PROTECTION AGAINST OVERCHARGING AND CHARGING THE "DEAD" BATTERY..</p> <p>11.INVERTER should be supplied along with sealed maintenance free BATTERY/batteries of minimum capacity 200AH ,24V</p> <p>12.0 Make of inverter: Luminous/Sukam/Microteck</p> <p>13.0 Make of battery: Same as inverter/Exide/Furukawa.</p>		
50 0C000161	SAME AS ITEM NO.40.	1	NO

Standard Notes: 11. The light fitting and control gear box must be supplied with suitable FLP Cable glands.

2. The following terms and condition should be fulfilled otherwise the offer.

A. Detailed technical literatures/catalogues and test certificates shall be furnished with the bid for scrutiny.

B. The offered item should meet the minimum specification mentioned in the Item description.

C. Approval of Indian Statutory Authority CCE and CMRI certificate towards equipment sustainability for Hazardous area application shall be furnished with the bid for scrutiny (for item no.10).

C. The party should submit the uploaded data sheet given in Annexure-I duly filled along with the offer(for item no.30&40).

Special Notes : 1. 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.

2. Bidder should quote transportation charges on actual separately if not included in basic price. Transportation charges have to be quoted for transportation by mode as below:-

i) For consignments weighing around 100 Kgs, Actual transportation charge to be quoted for transportation by courier service (Air/Road).

ii) For consignment weighing more than the weight mentioned in Sl.No.(i), actual transportation cost shall be quoted for transportation by Road transport.

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 person 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. Any statutory variation (increase / decrease)in the rate of excise duty / sales tax/Customs Duty or any statutory levy after the closing date of tenders / revised priced bid, as the case may be, but within the contractual delivery /completion period will be to the account of OIL subject to documentary evidence. However, any increase in excise duty /sales tax / Customs Duty or any statutory levy after the expiry of the scheduled date of delivery shall be to the supplier's account.

5. Please confirm acceptance of NIT payment terms.

6. Terms and conditions applicable to this tender is enclosed vide Annexure II to VI

7. Bidders must keep their offer valid for minimum 60 days from Date of Bid Closing failing which their offer will be straightway rejected.

8. Our requirement for Lights fittings comprising of Lamp, Tube etc. is not covered under OIL's Insurance Policy as these are made of glass. As such your offer shall be on FOR Guwahati basis otherwise offer will be rejected.

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Tender issued to following parties only:

S/no	V_Code	Vendor Name	City/Country
1	200129	RAJESH HARDWARE STORES	TINSUKIA
2	200211	STEEL & INDUSTRIAL STORES	ASSAM
3	201151	TOSHNIWAL ENTERPRISES	KOLKATA
4	201373	EASTERN TRADE & AGENCIES	JORHAT
5	201598	TRADE & AGENCIES	GUWAHATI
6	201659	PURBANCHAL UDYOG	GUWAHATI
7	202157	ENERGY COMPONENTS	GUWAHATI
8	202289	U.K. ENTERPRISE	GUWAHATI
9	203577	ARADHANA AGENCY	GUWAHATI
10	204332	KAUSHIK ENTERPRISE,	GUWAHATI - 5
11	204681	GAUHATI STORES (ELECTRICAL)	GUWAHATI
12	204724	KIRAN ELECTRONICS	GUWAHATI
13	204954	KAKARANIA INDUSTRIAL STORES	GUWAHATI
14	204997	ALLIED BUSINESS CORPORATION	GUWAHATI
15	205666	K.C. ELECTRICALS	GUWAHATI
16	206055	ELECTROMECH ENGINEERING ENTERPRIS	GUWAHATI
17	206940	OZONE ENGINEERS	KOLKATA
18	208080	ANEE ENTERPRISES	GUWAHATI
19	208845	BALAJI ELECTRICALS	TINSUKIA