



An ISO 9001  
Company

## Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

<b>ENQUIRY</b>	Phone: +91 431 257 76 53
<b>NOTICE INVITING TENDER</b>	Fax : +91 431 252 00 31
	Email : <a href="mailto:skaruna@bheltry.co.in">skaruna@bheltry.co.in</a>
	Web : <a href="http://www.bhel.com">www.bhel.com</a>

<b>TWO PART BID</b>	<b>Enquiry Number:</b>	<b>Enquiry Date:</b>	<b>Due date for submission of quotation:</b>
Tender to be submitted in two Parts	<b>2621600002</b>	<b>25.01.16</b>	<b>24.02.16</b>

You are requested to quote the Enquiry number date and due date in all your correspondence. This is only a request for quotation and not an order.


**Please note that under any circumstances both delayed offer and late offers will not be considered. Hence vendors are requested to ensure that the offer is reaching physically our office before 14.00 hrs on the Date of tender opening.**

Item	Description	Quantity
10	<b>LED Street Light Fittings</b> as per the technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://www.bhel.com">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	<b>60 Nos.</b>

### Important points to be taken care during submission of offer

1. The Checklist for Acceptance of Commercial Terms & Conditions to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
2. All updates, amendments, corrigenda, etc., (if any), for each tender will be posted only on the above websites from time to time, as and when required, until each tender is opened. There will be no publication of such updates, amendments, corrigenda, etc., through newspapers or any other media.

**BHEL's General guidelines / instructions (refer MM/CE/GENL/001) including bank guarantee formats and list of consortium banks, commercial terms check-list can be downloaded from BHEL web site <http://www.bhel.com> or from the Government tender website <http://tenders.gov.in> (public sector units > Bharat Heavy Electricals Limited page) under above Enquiry reference.**

<p>Tenders should reach us before 14:00 hours on the due date. Tenders will be opened at 14:30 hours on the due date. Tenders would be opened in presence of the tenderers who have submitted their offers and who may like to be present.</p>	<p>Yours faithfully, For <b>BHARAT HEAVY ELECTRICALS LIMITED</b></p>  <p>Sr. Engineer / MM / Capital Equipment</p>
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## SPECIFICATIONS FOR 36W LED STREET LIGHT FITTING

<b>Part-A: Qualification Condition</b>			
<b>Sl. No</b>	<b>Description</b>	<b>Bidder to specify</b>	<b>Deviation if any</b>
1	Bidder must be an Manufacturer of Industrial LED Light Product or their authorized dealer. In case of authorized dealer, necessary document in support of above shall be submitted by vendor.		
<b>Part-B: Technical Specifications</b>			
<b>Sl. No</b>	<b>Description</b>	<b>Bidder to specify</b>	<b>Deviation if any</b>
1	<b>Application:</b> Outdoor and maintenance free		
2	<b>Light Source:</b> white light emitting diode (W-LED)		
3	<b>Wattage of the fitting:</b> 36 Watts		
4	<b>Material construction and finish of fitting:</b> Epoxy powder coated compact High Pressure Die Cast Aluminium Body.		
5	<b>Ingress Protection:</b> IP 65 or higher		
6	<b>Driver:</b> Integrated driver built into fitting/ fixture.		
7	<b>Voltage range:</b> 240V +/- 10%, AC, 50 Hz +/- 5%.		
8	<b>Power factor:</b> 0.9 or more		
9	<b>Total Harmonic Distortion:</b> THD < 10%		
10	<b>Lumen output:</b> 3000 or more		
11	<b>Colour Temperature:</b> 6000k or more		
12	<b>Colour Rendering Index (CRI):</b> 70 or more		
13	<b>Mounting:</b> Pipe entry suitable for 43mm OD.		
14	<b>Optics:</b> Integrated optics having high spread beam angle 120 deg or more		
15	<b>Surge Protection:</b> 4kV or more		
16	<b>Test Reports:</b> LM-80 test report for the LED lights shall be attached with the offer for the make offered.		
17	<b>Warranty:</b> 24 months from the date of receipt of material at BHEL Trichy		

Sl. No	Description	Bidder to specify	Deviation if any
18	The arrangement of LED should be in such a way that even after failure, the LED should conduct so that the fitting will be in operation.		
19	<b>LED make:</b> Osram, Cree, Nichia, Toshiba, Philips Lumiled, Bridgelux, Syska.		
20	<b>Luminaire make:</b> Havells, Tejaslite, MIC, Philips, Goldwyn, Bajaj, Crompton Greaves, Unilumin, Birla, laxman Sylvania, Osram, Syska. Finolex, HPL.		
21	<b>Documents:</b> Bidder should submit the product catalog and complete specifications of offered LED Street light along with the offer		

Note: Bidder shall specify the actual value offered in the '**vendor to specify**' column and mere YES/ NO/ CONFIRM shall not be accepted