



## Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

An ISO 9001  
Company

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

<b>ENQUIRY</b>	Phone: +91 431 257 79 38 Fax : +91 431 252 07 19 Email : <a href="mailto:tvenkat@bheltry.co.in">tvenkat@bheltry.co.in</a> Web : <a href="http://www.bhel.com">www.bhel.com</a>
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	<b>Enquiry Number:</b>	<b>Enquiry Date:</b>	<b>Due date for submission of quotation:</b>
	<b>2620800015</b>	<b>13.04.2008</b>	<b>30.04.2008</b>
You are requested to quote the Enquiry number date and due date in all your correspondences. This is only a request for quotation and not an order			

Item	Description	Quantity	Delivery (Item required at BHEL on)
10	400W High bay Luminaire with Lamp 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> )	150 Nos.	30.06.2008
20	400W High bay Luminaire with Lamp 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> )	1400 Nos.	30.08.2008
30	250W Street Light Luminaire with Lamp 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> )	130 Nos.	15.06.2008

**BHEL commercial terms & conditions with Price Bid and Bank Guarantee formats along with technical specifications 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 Enquiry reference “2620800015”.**

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

Yours faithfully,  
For BHARAT HEAVY ELECTRICALS LIMITED

Manager / Capital Equipment / MM

**Specification for 400W Industrial Highbay Luminaire and lamp**

<b>Specification for 400W Industrial Highbay Luminaire and lamp</b>				
<b>Sl.No.</b>	<b>Description for BHEL Requirement</b>	<b>Specified / To be confirmed by</b>	<b>Offered</b>	<b>Deviations if any</b>
	Supply of High Performance, Integral, Industrial, High Bay, closed version Luminaire with control gear box, reflector and lamp as specified below:			
1.0	Luminaire Suitability	Suitable for operation with <b>400 Watts</b> Metal Halide lamp		
1.1	Housing	Made out of die cast aluminium and powder coated in black/ grey and to ensure IP65 ingress protection.		
1.2	Reflector construction	Parabolic, anodized and electrochemically brightened and made of aluminium. To be provided with heat-resistant and toughened glass with gasket to ensure IP54 ingress protection.		
1.3	Reflector suitability	Reflector suitable for narrow beam application		
1.4	Input Power supply	240V, 1 phase, 50 Hz. A.C		
1.5	Control Gear	Control gear shall comprise of Copper wound ballast, power factor improvement capacitor, mains connector and electronic ignitor all prewired upto terminal block and mounted on a gear tray/ base for ease of maintenance.		
1.6	Safety chain	Safety chain to be provided in the fitting		

Sl.No.	Description for BHEL Requirement	Specified / To be confirmed by	Offered	Deviations if any
1.7	Access for Maintenance	Access to gear compartment shall be provided to facilitate easy maintenance, replacement and connection		
1.8	Dimensional details and net weight	Vendor to specify		
1.9	Nominal Power factor, mains current	Vendor to specify		
1.10	Technical catalogue/ drawing	Vendor to furnish with the offer		
2.0	Specification for lamp	Metal Halide 400 Watts, elliptical version, suitable for 240V, 50Hz, 1 phase supply with screw cap		
3.0	Make of the luminaire/ lamp	Philips, GE, Crompton Greaves make		
3.1	Type no. /Make offered	Vendor to specify		
4.0	<b>Scope of supply</b>	<b>Quantity</b>		
4.1	400W High Bay enclosed luminaire as specified above	1550 nos.		
4.2	400W Metal Halide lamp as specified above	1550 nos.		

Specification for 250W Street Lighting Luminaire and lamp				
Sl.No.	Description for BHEL Requirement	Specified / To be confirmed by	Offered	Deviations if any
	Supply of Integral, street Lighting Luminaire with control gear box, reflector and lamp as specified below:			
1.0	Luminaire Suitability	Suitable for operation with <b>250 Watts</b> High Pressure Sodium Vapour lamp		
1.1	Housing	Made out of single piece high-pressure die cast aluminum alloy and powder coated finish. Heat resistant toughened flat glass cover fixed to the housing with stainless steel hinges and toggles and provided with special gasket.		
1.2	Reflector construction	High purity aluminum reflector electro chemically brightened and anodized.		
1.3	Input Power supply	240V, 1 phase, 50 Hz. A.C		
1.4	Control Gear	Control gear shall comprise of Copper wound ballast, power factor improvement capacitor, mains connector and electronic ignitor on a easily detachable gear plate.		
1.5	Protection	Conformance to IP65 Protection for lamp and gear compartment.		
1.6	Provision for Installation	Pole entry suitable for pole diameter of max. 60mm.		

Sl.No.	Description for BHEL Requirement	Specified / To be confirmed by	Offered	Deviations if any
1.7	Access for Maintenance	Access to gear compartment shall be provided to facilitate easy maintenance, replacement and connection		
1.8	Dimensional details and net weight	Vendor to specify		
1.9	Nominal Power factor, mains current	Vendor to specify		
1.10	Technical cataalogue/ drawing	Vendor to furnish with the offer		
2.0	Specification for lamp	High Pressure sodium vapour 250 Watts, elliptical/ Tubular version, suitable for 240V, 50Hz, 1 phase supply with screw cap		
3.0	Make of the luminaire/ lamp	Philips, GE, Crompton Greaves make		
3.1	Type no./Make	Vendor to specify		
4.0	<b>Scope of supply</b>	<b>Quantity</b>		
4.1	250W street light luminaire as specified above	130 nos.		
4.2	250W HPSV lamp as specified above	130 nos.		