



## Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

MATERIALS MANAGEMENT / CAPITAL EQUIPMENT

An ISO 9001  
Company

<b>ENQUIRY</b>	Phone: +91 431 257 70 49 Fax : +91 431 252 07 19 Email : <a href="mailto:csguna@bheltry.co.in">csguna@bheltry.co.in</a> Web : <a href="http://www.bhel.com">www.bhel.com</a>
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	<b>Enquiry Number:</b> <b>2620800078</b>	<b>Enquiry Date:</b> <b>10.08.2008</b>	<b>Due date for submission of quotation:</b> <b>01.09.2008</b>
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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	4 X 14 W – recessed False ceiling mounting Luminaires 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> )	650 Nos.	15.10.2008
20	4 X 14 W – recessed surface mounting luminaries 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> )	100 Nos.	15.10.2008
30	14 W – T5 lamps (for recessed mounting luminaries) 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> )	3000 Nos.	15.10.2008
40	2 X 14 W – TL5 surface mounting luminaries 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> )	475 Nos.	15.10.2008
50	14 W – TL5 lamps (for surface mounting luminaries) 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> )	950 Nos.	15.10.2008
60	2 X 28 W – TL5 surface mounting luminaries 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> )	250 Nos.	15.10.2008



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Item	Description	Quantity	Delivery (Item required at BHEL on)
70	2 X 28W-TL5 surface mounting luminaries 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> )	50 Nos.	15.10.2008
80	8W- TL5 lamps (for surface mounting luminaries) 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> )	600 Nos.	15.10.2008
90	2 X 18W-CFL down lighter luminaries 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> )	75 Nos.	15.10.2008
100	18W- CFL lamps (for Down lighter luminaries) 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.	15.10.2008
110	2 X 26W- Down lighter luminaries 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> )	100 Nos.	15.10.2008
120	26W-CFL lamps (for down lighter luminaries) 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> )	200 Nos.	15.10.2008
130	1000W-Halogen Flood light luminaries 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> )	50 Nos.	15.10.2008
140	1000W-Halogen lamps (for Floodlight luminaries) 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> )	50 Nos.	15.10.2008
150	150W-HPSV Floodlight luminaries 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> )	200 Nos.	15.10.2008
160	150W-HPSV lamps (Floodlight luminaries) 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> )	200 Nos.	15.10.2008



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Item	Description	Quantity	Delivery (Item required at BHEL on)
<p><b>BHEL commercial terms &amp; conditions with Price Bid and Bank Guarantee formats along with technical specifications can be downloaded from BHEL web site <a href="http://www.bhel.com">http://www.bhel.com</a> or from the Government tender website <a href="http://tenders.gov.in">http://tenders.gov.in</a> (public sector units &gt; Bharat Heavy Electricals Limited page) under Enquiry reference “2620800078”.</b></p>			
<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 BHARAT HEAVY ELECTRICALS LIMITED  Sr. Manager / MM / Capital Equipment</p>	

### **10) Supply of 4 X14W-recessed False ceiling mounting luminaries.**

Supply of decorative type, 3D mirror optical luminaries (CAT II) for recessed ceiling mounting with 600mm X 600mm module, suitable for 4x14 watts high efficiency fluorescents tube T5 lamps. The housing should be made from CRCA MS with powder-coated sheets. The luminaries should offer for 2 nos. of high efficiency electronic ballast and confirm IP-20 protection. Two lamps are to be controlled by one ballast and the ballast should be enclosed in a metal cover, less than 10% THD level, warm start with pre wiring unit, suitable for 230Volt, AC, 50Hz. operation.

Note: - The following makes and models only acceptable. The luminaries and lamps shall be the same make of any one of the following three brands.

- a) Philips makes and model: - TBS869/414D8HF,
- b) Crompton makes and model: -T5CQ1241EB
- c) GE makes and model: - GETC 4X14MOMLCHF

Qty: - 650 nos.

### **20) Supply of 4 X14W-recessed surface mounting luminaries.**

Supply of decorative type, 3D mirror optical luminaries (CAT II) for recessed surface mounting with 600mm X 600mm module, suitable for 4x14 watts high efficiency fluorescents tube T5 lamps. The housing should be made from CRCA MS with powder-coated sheets. The luminaries should offer for 2 nos. of high efficiency electronic ballast and confirm IP-20 protection. Two lamps are to be controlled by one ballast and the ballast should be enclosed in a metal cover, less than 10% THD level, warm start with pre wiring unit, suitable for 230Volt, AC, 50Hz. operation.

Note: - The following makes and models only acceptable. The luminaries and lamps shall be the same make of any one of the following three brands.

- a) Philips make and model: - TPS814/414D8HF,
- b) Crompton make and model: -T5CQ1241EB
- c) GE make and model: - GETC 4X14MOMLCHF

Qty: - 100 nos.

### **30) Supply of 14W- T5 lamps for recessed mounting luminaries.**

Supply of 14W high efficiency T5 cool daylight white output, high efficiency fluorescent lamp suitable for recessed mounting luminaries and suitable for 1 Phase, 240V, 50Hz, AC operation.

Qty: -3000 nos.

**40) Supply of 2 X14W- TL5 surface mounting luminaries.**

Supply of elegantly designed, ultra-slim, lightweight, surface mounted, mirror optics luminaries suitable for linear fluorescent lamps of 2X14W T5 High Efficiency luminaries. Housing made from CRCA MS epoxy powder coated sheet and perforated CRCA MS panels separating the light source. The T5 luminaries are pre-wired with high efficiency electronic ballast. High efficiency mirror optic assembly comprises high efficiency bright-anodized aluminum reflectors and cross louvers for glare free operation. Radial light distribution ensures high spacing to mounting ratio and improved vertical illumination. Provision for recessed mounting / direct on surface.

Note: - The following makes and models only acceptable. The luminaries and lamps shall be the same make of any one of the following three brands.

- a) Philips makes and model: - TCS350/214M1HF
- b) Crompton makes and model: -T5CX11214EB
- c) GE makes and model: - GETC 2X14MOSHF

Qty: - 475 nos.

**50) Supply of 14W- TL5 lamps for surface mounting luminaries.**

Supply of 14W, double ended linear cool daylight white output, high efficiency fluorescent lamp suitable for recessed mounting luminaries and suitable for 1 Phase, 240V, 50Hz, AC operation.

Qty: -950 nos.

**60) Supply of 2 X 28W- TL5 surface mounting luminaries .**

Supply of Elegantly designed, ultra-slim, lightweight, surface mounted, mirror optics luminaries suitable for linear fluorescent lamps of 2X28W T5 High Efficiency luminaries. Housing should be made from CRCA MS epoxy powder coated sheet and perforated CRCA MS panels separating the light source. The T5 luminaries are pre-wired with high efficiency electronic ballast. High efficiency mirror optic assembly comprises high efficiency bright-anodized aluminum reflectors and cross louvers for glare free operation. Radial light distribution ensures high spacing to mounting ratio and improved vertical illumination. Provision for recessed mounting / direct on surface.

Note: - The following makes and models only acceptable. The luminaries and lamps shall be the same make of any one of the following three brands.

- a) Philips makes and model: - TCS350/228M1HF,
- b) Crompton makes and model: -T5CX11228EB
- c) GE makes and model: - GETC 4X28MOSHF

Qty: -250 nos.

### **70) Supply of 2 X 28W-TL5 surface mounting luminaries .**

Supply of 2X28W TL5 luminaries should be economical and general-purpose industrial batten and suitable for TL5 fluorescent lamp with aluminum symmetric reflector for surface mounting on the wall or ceiling. Housing should be made from CRCA MS epoxy powder coated sheet and the TL5 luminaries are pre-wired with high frequency, high efficiency electronic ballast. The TL5 fluorescent luminaries should be suitable for 1 phase, 50HZ, 230volt, and AC operation.

Note: - The following makes and models only acceptable. The luminaries and lamps shall be the same make of any one of the following three brands.

- a) Philips makes and model: - TMS122/228HF+REFL
- b) Crompton makes and model: -T5GP228EB
- c) GE makes and model: - GETC 4X28MOSHF

Qty: - 50 nos.

### **80) Supply of 28W- TL5 lamps for surface mounting luminaries.**

Supply of 28W, double ended linear cool daylight white output, high efficiency fluorescent lamp suitable for recessed mounting luminaries and suitable for 1 Phase, 240V, 50Hz, AC operation.

Qty: -600 nos.

### **90) Supply of 2 X 18W-CFL down lighter luminaries.**

Supply of attractive down lighters with horizontally placed lamps, suitable for 2X18W CFL lamps and offers high temperature and flame retardance luminaries. Specially designed chrome plated mirror finish front reflectors for efficient and glare free illumination. Dual finish internal reflector with matt at bottom and diamond at sides for higher light output.

Note: - The following makes and models only acceptable. The luminaries and lamps shall be the same make of any one of the following three brands.

- a) Philips makes and model: - FBH145/218
- b) Crompton makes and model: -DDLH218E/T
- c) GE makes and model: - GE CFL C 2X18 DL (H) Turbo

Qty: - 75 nos.

**100) Supply of 18W- CFL lamps for Down lighter luminaries.**

Supply of 18W, B22 base, and built-in electronic ballast housed in the lamp base, and high efficiency CFL lamp suitable for recessed down lighter luminaries and suitable for 1 Phase, 240V, 50Hz, and AC operation.

Qty: - 150 nos.

**110) Supply of 2 X 26W- Down lighter luminaries .**

Supply of attractive down lighters with horizontally placed lamps, suitable for 2X26W CFL lamps and offers high temperature and flame retardance luminaries. Specially designed chrome plated mirror finish front reflectors for efficient and glare free illumination. Dual finish internal reflector with matt at bottom and diamond at sides for higher light output.

Note: - The following makes and models only acceptable. The luminaries and lamps shall be the same make of any one of the following three brands.

- a) Philips makes and model: - FBH225/226TURBO
- b) Crompton makes and model: - DDLH226/T
- c) GE makes and model: - GE CFL 2X26 DN (H) Turbo

Qty: - 100 nos.

**120) Supply of 26W-CFL lamps for down lighter luminaries.**

Supply of 26W, B22 base, and built-in electronic ballast housed in the lamp base, with high efficiency CFL lamp suitable for recessed down lighter luminaries and suitable for 1 Phase, 240V, 50Hz, and AC operation.

Qty: - 200 nos.

**130) Supply of 1000W-Halogen Flood light luminaries .**

Supply of flood light luminaries should be a gearless floodlight suitable for 1X1000W linear halogen lamps. The luminaries comprise of die-cast aluminium housing and front frame with a gasketed, toughened and heat resistant glass cover. The luminaries are equipped with specially designed convection fins and powder coated matt black for excellent heat dissipation. Reflector assy. is made of pre anodized high purity aluminium with hammered finish for optimal glare control and light distribution. The luminaries should be pre-wired up to terminal compartment.

Note: - The following makes and models only acceptable. The luminaries and lamps shall be the same make of any one of the following three brands.

- a) Philips makes and model: - NVC 502
- b) Crompton makes and model: - THO7
- c) GE makes and model: - GEHALOF 1X1000CAI

Qty: - 50 nos.

**140) Supply of 1000W-Halogen lamps for Floodlight luminaries .**

Supply of 1000W high efficiency, high operating temperature halogen lamp suitable for flood light luminaries specifications and suitable for 1 Phase, 240V, 50Hz, and AC operation.

Qty: - 50 nos.

**150) Supply of 150W-HPSV Floodlight luminaries.**

Supply of Flood Light Luminaries with suitable control gear box for separate mounting, electro chemically brightened and anodized aluminium reflector heat resistance tough end circular glass cover, synthetic rubber gasket for rain proof, MS hot dip galvanized mounting bracket with protractor, suitable for Elliptical /Tubular HPSVL rated for 150 Watts/ 230V AC E 40 cap. Conforming to IP 55 protection.

Note: - The following makes and models only acceptable. The luminaries and lamps shall be the same make of any one of the following three brands.

a) Philips make and model: - SRP 202/150W-SONT

b) Crompton makes and model: - FAD1215

Qty: - 200 nos.

**160) Supply of 150W-HPSV Floodlight luminaries .**

Supply of 150W HPSV lamp, E40 cap. suitable for flood light luminaries specifications and suitable for 1 Phase, 240V, 50Hz, and AC operation.

Qty: - 200 nos.