



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

MATERIALS MANAGEMENT / CAPITAL EQUIPMENT

ENQUIRY

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Web : www.bhel.com

**Enquiry
Number:
2621000073**

**Enquiry
Date:
22.07.2010**

**Due date for submission
of quotation:
22.08.2010**

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.

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.

Sl. No	Description	Quantity in Nos	Delivery (Item required at BHEL on)
1	400 W Industrial High Bay Luminaries and Lamp as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	750	30.11.2010
2	250 W Industrial Medium Bay Luminaries and Lamp as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	25	30.11.2010
3	150 W Industrial Medium Bay Luminaries and Lamp as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	50	30.11.2010
4	150 W Street Light Luminaries and Lamp as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	100	30.11.2010



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MATERIALS MANAGEMENT / CAPITAL EQUIPMENT

Sl. No	Description	Quantity in Nos	Delivery (Item required at BHEL on)
5	65 W Industrial Medium Bay Luminaries with Prismatic Louver and CFL Lamp as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	60	30.11.2010
BHEL commercial terms & conditions with Price Bid and Bank Guarantee formats 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 "2621000073".			
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 Sr. Manager / MM / Capital Equipment	

Specification for 400W Industrial Highbay Luminaire and lamp				
Sl.No.	Description for BHEL Requirement	Specified / To be confirmed by	Offered	Deviations if any
	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 400 Watts 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, bajaj make		
3.1	Type no. /Make offered	Vendor to specify		
4.0	Scope of supply	Quantity		
4.1	400W High Bay enclosed luminaire as specified above	750 nos.		
4.2	400W Metal Halide lamp as specified above	750 nos.		

Specification for 150W 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 150 Watts 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	Technical cataalogue/ drawing	Vendor to furnish with the offer		
2.0	Specification for lamp	High Pressure sodium vapour 150 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	Scope of supply	Quantity		
4.1	150W street light luminaire as specified above	100 Nos		
4.2	150W HPSV lamp as specified above	100 Nos		

Specification for 250W Industrial Medium Bay Luminaire and lamp				
Sl.No.	Description for BHEL Requirement	Specified / To be confirmed by	Offered	Deviations if any
	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 400 Watts 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, bajaj make		
3.1	Type no. /Make offered	Vendor to specify		
4.0	Scope of supply	Quantity		
4.1	250W High Bay enclosed luminaire as specified above	25 nos.		
4.2	250W Metal Halide lamp as specified above	25 nos.		

Specification for 150W Medium Bay Luminaire with prismatic reflector and lamp				
Sl.No.	Description for BHEL Requirement	Specified / To be confirmed by	Offered	Deviations if any
	Supply of Integral, Medium Bay Luminaire with prismatic reflector and suitable for Metal Halide lamp as specified below:			
1.0	Luminaire Suitability	Suitable for operation with 150 Watts High Pressure Metal Halide lamp.		
1.1	Housing	Made out of single piece high-pressure die cast aluminum alloy and powder coated finish. Heat resistant toughened ass cover fixed to the housing with stainless steel hinges and toggles and provided with special gasket.		
1.2	Reflector construction	Reflectors are of special translucent polycarbonate with serration to provide prismatic glittering appearance.		
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	Mounting should be done by standard eyebolt with 15 mm inside.		
1.7	Access for Maintenance	Access to gear compartment shall be provided to facilitate easy maintenance, replacement and connection		
1.8	Technical catalogue/ drawing	Vendor to furnish with the offer		
2.0	Specification for lamp	High Pressure Metal Halide 150 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, Bajaj make		

3.1	Type no./Make	Vendor to specify		
4.0	Scope of supply	Quantity		
4.1	150W Medium Bay Luminaire as specified above	50 nos.		
4.2	150W HPMH lamp as specified above	50 nos.		

Specification for 65 watts CFL Highbay Luminaire and CFL lamp				
Sl.No.	Description for BHEL Requirement	Specified / To be confirmed by	Offered	Deviations if any
	Supply of High Performance, Integral, Industrial, High Bay, open version Luminaire with necessary accessories like lamp holder ,eye bolt etc, reflector and lamp as specified below:			
1.0	Luminaire Suitability	Suitable for operation with 65 watts CFL lamp-		
1.1	Housing	Made out of die cast aluminium and powder coated.		
1.2	Reflector construction	Special translucent poly carbonate prismatic refractor with more vertical lighting in the area		
1.3	Input Power supply	240V, 1 phase, 50 Hz. A.C		
1.40	Technical catalogue/ drawing	Vendor to furnish with the offer		
2.0	Specification for lamp	CFL 65 watts lamp suitable for 240V, 50Hz, 1 phase supply with E27 holder to house lamp		
3.0	Make of the luminaire/ lamp	Philips, GE, Crompton Greaves & Bajaj make		
3.1	Type no. /Make offered	Vendor to specify		
4.0	Scope of supply	Quantity		
4.1	65 watts CFL Highbay Luminaire	60 nos.		
4.2	65 watts Compact Fluorescent lamp	60 nos.		