

Quotation SC 837/2010

SPECIFICATION FOR SUPPLY AND DELIVERY OF 24x1 000 WATT LUMINAIRES, MOUNT PLEASANT SPORTSFIELD

1. The luminaire must consist of a high pressure die cast aluminium and stainless steel lamp housing with a separate, but attached control gearbox designed to operate up to a 1 000 watt high pressure sodium or 1 000 watt metal halide lamp.
2. The luminaire must bear the SANS1279 mark and the SANS605982-5 safety mark.
3. The luminaire must have a degree of ingress protection that complies with SANS1222.

Lamp compartment IP65

Control gear compartment IP65

The IP rating must be certified by a SANS test report

4. Lamp replacement is to be facilitated from the side by a high pressure die cast aluminium lamp holder housing. Tubular 1 000 watt high pressure sodium lamps are to be supplied. It is to be sealed with a one piece silicone gasket and is to be held in place with two stainless steel screws.
5. The front glass is to be heat and impact resistant.
6. The reflector system is to be manufactured from 99,98% super pure anodised aluminium and to consist of the back reflector and two side reflectors.

The luminaire supplied must be of the wide beam distribution type.
7. The lid of the control gear compartment is to be held captive by a removable wishbone spring when opened.
8. The control gear compartment is to be manufactured from stainless steel and is to be attached to the stirrup.
9. The control gear is to be incorporated into the control gear compartment and is to be mounted on a removable gear tray. It must operate at 230 volt + 3% - 10% 50HZ single phase supply.

10. All control gear components are to be removable and must bear the SANS mark.

11. All screws and bolts are to be stainless steel or anti-corrosion treated material.
12. The luminaire is to be power factor corrected to a minimum of 0,9.
13. The stirrup is to be manufactured from 5x40mm hot dipped galvanized steel. Holes are to be provided for mounting purposes.
14. Provision is to be made for delivery F.O.R. Electrical Department, Hermanus. Tenderers must indicate the manufacturing lead time and/or delivery date.
15. It will be expected of the successful tenderer to provide technical assistance with the final positioning of the equipment. Provision must be made in the tender for the rendering of this service during the evening. The successful tenderer must provide all equipment to provide this service.

For any enquiries please contact Mr Peter Burger at 028 – 313 8084.