

## *Grosvenor Lawn Tennis Club Limited*

23 Grosvenor Gardens, Upminster, Essex RM14 1DL

### **Works & Specification**

#### **Contractor:**

Ensolve Solutions Ltd

4 Bellevue Mews

Friern Barnet

N11 3HF

### **Works & Specification**

#### **1. Scope of Works:**

Replacement of the existing metal halide lamp heads (green boxes) with smaller LED fitting. Shields to be installed as necessary with the option to install green screen netting on the perimeter fence adjacent Grosvenor gardens if required and agreed by our neighbours.

The new LED lights mark a significant improvement on metal halide lights because they use far less electricity, are virtually maintenance free and produce less back spill and glare for neighbouring properties. They also switch on immediately no warm up period. The upgrade will concern only the light fittings at the top of the existing columns, by removing them and replacing them with LED fitting. The columns will remain unmodified, except for the mounting brackets at the top to secure the new LED fittings.

2. Remove existing lighting boxes from the 18 columns and dispose of safely.

3. Remove associated equipment related to metal halide floodlighting i.e. capacitors etc. and dispose of safely.

4. To install the following 18 LED fittings with new brackets to the existing metal columns.

2 x AAE640-T4VVS-50K3535A-V1 LED fitting finish green

1 x ABD720-T4VVS-50K3535F-V2 LED fitting finish green

1 x ABE960-T4VVS-50K3535A-V1 LED fitting finish green

5. To utilise existing switching mechanism e.g. Key fob system for activating the lights, push buttons for switching off plus master time clock.

6. Operational hours for Floodlights: Mon-Sat 15-30 On, 21-30 Off. The use of lights on a Sunday is not permitted.

7. Ensolve Solutions to commission system on completion of works. Part of the commissioning program will be to test the various LUX levels on each tennis court and surrounding areas.

oOOo