

Grosvenor Lawn Tennis Club Limited

23 Grosvenor Gardens, Upminster, Essex RM14 1DL

Support Statement to upgrade existing Metal Halide floodlights to LED

Proposal

GLTC propose to utilise the existing floodlighting columns but replace the 18 lighting boxes housing the metal halide lamps together with associated equipment.

In their place 18 slim Ensolve Solutions LED fittings, together with shields (where appropriate will be installed). The replacement LED units will look substantially smaller in appearance. Operationally there will be no alterations to the usage of the lights as per the planning conditions. The lights cannot be used before 3.30 pm and will switch off automatically at 9.30pm Monday to Saturday, not operational on Sundays.

With the new LED technology there will be an improvement in the uniformity of the floodlighting covering all 3 courts, spillage and glare will be reduced.

Background

The Grosvenor Lawn Tennis Club is located at 23 Grosvenor Gardens and is a private tennis club with both senior and junior membership.

We are a self-financing club funded by our members annual subscriptions and have provided for tennis in Upminster since 1923. The majority of our members live in the local area, many in the nearby roads, we are an important part of the local community providing not only an opportunity for all ages to play tennis , but also a dynamic and successful coaching program for all ages and categories.

As the council are aware GLTC have had floodlights on three courts for a number of years. Originally we started with courts 1 & 2 (application no P0794.98) which was followed by court 3 (application no P0465.13).

The existing system comprises of 18 Metal Halide lamps which are very expensive to operate and require regular maintenance. From an operational aspect the light uniformity on the courts unfortunately deteriorates over a period of time resulting in the 18 lamps having to be replaced every few years. There are also other items of equipment which require regular replacement. At the time the club originally considering installing floodlighting (1998) there was very little alternative but to install metal halide lamps which have served the club well. However with the rise in utility bills using old technology, the warm up and cool down times associated with their use, together with environmental concerns has prompted the club to look for a viable alternative.

Over the last few years LED technology has had a large impact on floodlighting for sporting venues and are the most eco-friendly type of lamps available. They use less energy compared to metal halide and last much longer than traditional lamp (the new LED fittings the club propose to use are supplied with a 10 year warranty)

Conclusion

The club committee, like many other organisations are trying to address operational efficiency and environmental conservation issues. Together with our members we have developed awareness about the seriousness of this matter and are consciously trying to protect the environment by changing over to environmental friendly LED lighting. This a major financial investment for the club our size however it was voted unanimously by our committee as a way forward.

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