

Match and Training Floodlights at Pitstone Pavilion

Background Information

- Pitstone Pavilion is located on Marsworth Road, Pitstone, Beds, LU7 9FE (opposite the junction with Westfield Road) and comprises one full sized adult pitch and one junior pitch.
- It is owned and managed by Pitstone Parish Council.
- The site is the home ground for Pitstone & Ivinghoe United Football Club, who play in the Spartan South Midlands League (currently Step 7 but hoping to be promoted to Step 6) and the Pitstone & Ivinghoe Junior Football Club.
- The pavilion building has recently been extended and refurbished to ensure compliance to Step 6 league requirements.
- The parish council is working with the football club(s) to realise the other requirements for step 6 grading, which includes the installation of match floodlights to our senior pitch, and rear mounted training floodlights which will illuminate part of the junior pitch, on a 6 column configuration, for which we are currently seeking quotations.

Specification for Floodlights

As per the Ground Grading requirements:

- When new or improved installations are being planned, the lighting procured must meet BS12193 Class 2 and have an average lux reading of at least 200.
- No single reading can be less than one quarter of the highest reading to ensure an even spread of light.
- Reading shall be on a grid of 88 markings (8 across, 11 down) evenly spaced with the outside readings taken 2.5 meters inside from the touchline. The average of all the readings is taken to be the average illumination level in lux of the floodlighting installation.

Additional requirements:

- Columns to be located outside of pitch barrier system. Max pitch size: 100m x 68m. Barriers to be located 2m (league confirmed) from touchline/goal line throughout – therefore 104m x 72m where immediately adjacent to pitch. Columns must be located outside this zone. However, please note that the barrier will extend around the outside of the dug outs & at this location the central lighting column could therefore be inside the barrier system.
- As part of the recent redevelopment of the building, the parish council has installed an upgraded 130kva electricity supply and half-hourly meter, which will provide sufficient power for the floodlights and the new building. This meter is located in the main plant room.
- Hirers do not have access to the plant room. Floodlight controls need to be located in the dedicated control room, located on the outside of the external shared hirers store, near the turnstiles.
- An empty ducting pipe has been provided in the far corner of the groundkeepers store, for cables to run from the floodlights into the building complex. Cables then need to be laid across the roof void to the control room.
- You will need to fit timer controls in the control room, for both the main pitch lights and the training lights. Both must be capable of operation individually. Both must be capable of operation via just pressing the on button & then the lights running for x time before switching off.
- Lanterns should be energy efficient and low maintenance.
- Luminaires should be angled downwards to reduce light pollution and impact on neighbouring residents.
- The existing low level external lights & controls should remain in situ.
- All works to be carried out in accordance with NICEIC regulations and Health & Safety regulations.

Adherence to planning permission:

- The parish council has obtained planning permission for these floodlights. Please refer to the Buckinghamshire Council planning portal. Link: <https://publicaccess.aylesburyvaledc.gov.uk/online-applications/applicationDetails.do?keyVal=QEHPUWCLGKV00&activeTab=summary> or search via this details: 20/02578/APP, Installation of floodlighting, Sports Pavilion Marsworth Road Pitstone LU7 9AP.
- Your submission must meet **all** the terms and specifications of the planning permission granted.

- Where your submission would deviate from the approved planning, you must provide details and allow within your quotation, for you to liaise with the Planning Authority to obtain the necessary approval for minor amendments and/or discharge of planning conditions.

Subsoil conditions and foundations for columns:

- The design and dimensions of the concrete foundations for the lighting columns will need to be based on the soil and wind exposure characteristics of this particular site, rather than being generic. The chemical properties of the soils are also important, since they can affect the type of cement needed in the concrete. The mechanical properties of the soils are important since they will determine the dimensions of the foundation. The parish council has a geo-technical report which has been provided, but we do not possess wind exposure reports. We require contractors to provide full details of the ground and wind conditions they have taken into consideration when designing their foundations.

Timings

- Potential contractors are requested to arrange a site visit prior to submission of their quotation so that they can accurately measure the ground / cable route / control room etc. Please contact Laurie Eagling, Parish Clerk, on parishclerk@pitstone.co.uk or 01296 767261 to arrange access.
- Quotations to be submitted by **Wednesday 23 December 2020**.
- **Important note:**
It is likely that this project will require grant funding from the Football Foundation before it can proceed. The FF requires grant applications to be submitted at the start of January 2021. They will then only release the funding once it has been confirmed if P&IUF are being promoted at the end of the season ie we won't know until May 2021. The Spartan South Midland League then require the floodlights to be installed before September 2021. Therefore, we need an installation window between the start of June and the end of August, should the project go ahead.
Unfortunately, these circumstances are beyond our control. Whilst we will identify the contractor to fulfil this tender, the works will not be able to take place until funding is available.
Should the club not be promoted, and therefore not able to access the FF funding, the project will be delayed until funding is identified.

Single Contractor

- The council is ideally seeking a single contractor to supply and install the system.
- Ideally the contractor will also be able to provide a maintenance agreement / service plan for ongoing care – please provide details.

Documents Supplied

- Site layout showing senior football pitch in relation to pavilion.
- Ground floor plan showing location of plant room, control room and ducting.
- Geotechnical report.

Contractor Requirements

- Contractors must have a proven track record for installing similar sports approved floodlights.
- Contractors must be on sound financial footing.
- Contractors must possess a minimum of £5m public liability insurance.
- Contractors must possess professional indemnity insurance commensurate with the associated works.
- You must be able to demonstrate membership of appropriate associated professional bodies.
- Details should be provided of your reliance upon subcontractors, including installers, and their accreditations.

Quotation Requirements

Please submit the following, preferably via email to parishclerk@pitstone.co.uk or via hard copy to 9 Warwick Road, Pitstone, Beds, LU7 9FE by **Wednesday 23 December 2020**.

Please include the reference "Floodlight Quotation" as your subject header. You will receive a receipt from the parish clerk, but no details will be circulated to the panel until after the closing date.

- Your itemised quotation including details of the columns, lanterns, lux levels etc,
- Details of any areas where your quotation varies from the planning permission granted,

- Details of your public liability and other insurances,
- Demonstration of technical capabilities on similar sized projects / relevant contract experience and references (for similar work within the last 3 years),
- Details of any installation timing constraints or leadtimes,
- Financial standing and legal status,
- History of membership of relevant trade quality bodies,
- Demonstration of compliance with relevant legislation and safety requirements for floodlights,
- Extent of reliance on sub-contractors and strength of any such existing relationships,
- Your strength, concrete and wind bearing calculations,
- Details of warranties supplied,
- Details of maintenance schedules, anticipated costs and maintenance packages available,
- Details of your terms and conditions.

The parish council will select the most economically advantageous tender submission based on the above criteria. We reserve the right to select no tender submissions should the project not be able to secure funding.