



APPENDIX 1 - SPECIFICATION FOR ASHDOWN LEISURE CENTRE, POOLE - EXTERNAL FLOOD LIGHT REPLACEMENT

Commercial Operations

DN730536

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Summary Requirement

- 1.1. Bournemouth, Christchurch and Poole (BCP) Council seeks a supplier to remove high-level floodlighting at the Athletics Track, Artificial Grass Pitch, and Multi Use Games Area (MUGA) at Ashdown Leisure Centre, Poole. The supplier will replace them with LED luminaires, utilising existing lighting columns, tested by the Supplier for wind and load to meet PD6457 requirements.
- 1.2. The requirement is led by the BCP Council Facilities Management and Leisure Team. The site is currently managed by Everyone Active.

2. Scope

- 2.1. The existing lighting to the Athletics Track, Artificial Grass Pitch and the MUGA areas, currently consists of high consumption discharge lighting, with, in most cases, dated and obsolete control gear. The lighting has become unreliable, with considerable and increasing on-going maintenance costs.
- 2.2. **Existing Installation:** The existing electrical installation will be tested by the successful Contractor and certified suitable and safe to be used for the new illumination.
- 2.3. We assume that the new luminaire will have remote control gear mounted at low level in the base of the columns, or in IP rated cabinets at the base of the columns. The new luminaires will be complete with bracket and fixings. The existing lighting columns will be tested for load and fatigue deterioration.
- 2.4. The switching/control of the lighting will generally remain as existing. However, suggested improvements will be considered. The existing columns to the Artificial Grass Pitch and the MUGA Court are centre hinged and counter balanced. The columns to the Athletics Track are device lowering and a Tower Master lowering device will be required.
 - **Athletics Track:** Comprised of Eight Lighting Columns
 - **Artificial Grass Pitch:** Comprised of Eight Lighting Columns
 - **The MUGA:** Comprised of Ten Lighting Columns
- 2.5. **New Installation:** The new Luminaire will provide us with a Reliable, Low-Consumption, and Low Maintenance installation, meeting current illumination levels to meet requirements and the ability to undertake the sports undertaken in each area safely in accordance with Sport England/relevant national governing body.

Outside of this tender, your suggestions to Dim/Reduce the lighting levels of the Artificial Grass Pitch for certain activities, would be appreciated.
- 2.6. It is the intention that the new lighting will be mounted on the existing lighting columns after meeting PD6547 requirements for wind and load (Column Integrity Test, to be completed by the supplier) and will provide the required illumination to each area to satisfy Sport England requirements and the specific sport undertaken in each area.
- 2.7. **Lux Standards:** The following lux standards must be met for each area to satisfy Sport England requirements and the specific sport undertaken in each area:

- 2.7.1. Athletics track to 200 lux for both infield and track
- 2.7.2. Netball and tennis to 500 Lux 0.7 as per British standard and LTA Standards.
- 2.7.3. Hockey/football to 350 lux 0.7 0.5 as per the FIH.
- 2.8. All materials and labour shall have a minimum of two years all-inclusive warranty.
- 2.9. As mentioned above all of the lighting columns are lowerable. However, a Tower Master lowering device will be required to lower the Athletic Track Columns.
- 2.10. Separately priced as an optional extra - athletic lights to be operated from the leisure centre office as opposed to track side.
- 2.11. The successful Contractor must be aware that it is our intention to re-surface all three surfaces as part of a future project.

3. Requirements

- 3.1. It is essential that the successful supplier provides us with detailed design documents, showing the lighting levels to be achieved for each of the three arenas This is essential that these documents are received and agreed by BCP Council, prior to the start of works.
- 3.2. The mobilisation plan is as follows:

1	Lighting Design submission
2	Installation methodology submission
3	Pre-site meeting
4	Agreed start date
5	Regular communication with leisure centre manager
6	Agreed completion & training date.
7	Post Works cleanup phase

- 3.3. It is a requirement that all electrical works are undertaken by a National Inspection Council for Electrical Installation Contracting (NICEIC) approved contractor and that the installation is tested and certified to BS7671 18th Edition, including amendments.
- 3.4. It is essential the successful supplier provides evidence that all operative working or visiting the site have undertaken Safeguarding Awareness Training and have current DBS certification.
- 3.5. It is expected that installation will take place between mid-September and mid-October 2024 as agreed with BCP Council. A Programme of Works must be submitted to and approved by BCP Council before works begin.
- 3.6. Welfare arrangements and site compound to be agreed in advance of works starting.
- 3.7. Lighting design to be agreed and approved by BCP Council ahead of purchase.
- 3.8. Installation methodology to be agreed and submitted in advance to BCP Council.

3.9. Security of materials stored on-site remain the responsibility of the Supplier for the duration of the works.

3.10. RAMS must be provided by the successful Supplier within 1 week of contract award.

3.11. Initial test, installation, final test, certification presented, confirmation of design compliance (lux levels) area handover

3.12. The process plan is as follows:

1	Lighting Design
2	Initial Electrical Test of existing installation and Column Integrity Test
3	Installation of New
4	Final Test
5	Electrical Certification presented to Project Lead
6	Confirmation of Design Compliance (Lux levels)
7	Area Handover

3.13. **Post Works Cleanup Phase:** The Supplier must remove and dispose of any waste on site resulting from the Works rubbish and make good the Works and site compound areas.

4. Pricing and Payment

4.1. Pricing will be in accordance with the pricing schedule.

4.2. Payment mechanism will be managed in accordance with the contract terms and conditions.

4.3. Milestone payments will be made for the completion of each area as indicated within the Process Plan (3.12). Payments are subject to approval and signoff by a BCP Council Officer.

Area	Milestone Payment
First Area	Cost submitted for named area
Second Area	Cost submitted for named area
Third Area	Cost submitted for named area

The staging of areas (First, Second, Third Area) will be discussed and agreed during the mobilisation meeting.

4.4. For the avoidance of doubt, payment in advance is disallowed.

4.5. Annual price reviews will be managed in accordance with the contract terms and conditions.

5. Standards

- 5.1. As requested above, it is requisite that all operatives and visitors to site hold and can produce the information detailed in 3.3 above.
- 5.2. No radios or music to be played on site.
- 5.3. The campus is a no smoking/vaping, drugs and alcohol free site.
- 5.4. Contractors must appreciate that the site is within a school setting and as such behaviour, language and conduct must be suitable and appropriate.

6. Delivery

- 6.1. The access road to the Leisure Centre is via the school carpark and at certain times of the day vehicle movements will be difficult and restricted.
 - **Site Address:** Ashdown Leisure Centre, Adastral Road, Canford heath, Poole BH17 8RE.
 - **Opening Times:** Leisure Centre opening times:
 - Mon-Thurs: 6.30am-9.45pm.
 - Friday: 6.45am-9pm.
 - **Required Delivery Times:** Supplier deliveries **must** be between 9am-2.30pm.
 - **Access Considerations / Issues:**
 - **Entrance through School access** road via shared pedestrian plaza with tight turns
 - Narrow gate by leisure centre rear access.
 - Ashdown Leisure Centre, Adastral Road, Canford heath, Poole BH17 8RE Site details

7. Contract Management

- 7.1. Contract management will comprise of the following activities as a minimum:
 - Pre site meeting to discuss installation methodology/timeline etc including submission of RAMs within 1 week of contract award.
 - Specific site issues to be discussed with the Leisure Centre Manager.
 - Technical installation/lighting issues to be discussed with the BCP Electrical surveyor.
 - On site, regular meetings with Leisure Centre Manager to discuss progress and movements on site.

- Any changes required must be agreed and signed off by the appropriate BCP Council Officer.

8. Training and Termination

- 8.1. Upon Completion of the installation, instruction will be given on the use, and maintenance of the product and an Operations and Instruction Manual provided, including DATA sheets of all products used, instruction on their use and drawings of each arena, showing the lighting level. Also, any additional information which may be of use to the end user.

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