**LONDON STADIUM**

**Installation of Security Fencing**

**INTRODUCTION**

The London Stadium event management wishes to install security fencing at various locations around the venue.

**LONDON STADIUM**

London Stadium is a 60,000 multi-event venue in the heart of the Queen Elizabeth Olympic Park. The venue hosts Premier League football, international athletics, Major League Baseball, international rugby, Concerts and a range of conferences and community events.

On average the stadium hosts c.30 events per annum, indicatively split:

* 20-25 Premier League football attracting 60,000 spectators to each event;
* 4-10 Concerts attracting 60,000-80,000 spectators to each event;
* 2 Athletics events attracting up to 50,000 spectators to each event;
* 0-2 Major League Baseball attracting 60,000 spectators to each event;
* 1-2 Rugby matches attracting 5,000 spectators to each event

In years where a Major Championships is staged the venue may host up to 60 event days.

**LONDON STADIUM GOVERNANCE**

London Stadium is owned by The London Legacy Development Corporation (“LLDC”), a Mayoral Development Corporation established under the Localism Act 2011. The LLDC’s main objective is to ensure the legacy of the 2012 Games and the regeneration of the Queen Elizabeth Olympic Park and the other adjacent and associated areas for which it is responsible.

LLDC has four Priority Themes, which run through all of its policy areas and are intended to reflect its social, economic and environmental purposes, define its contribution to the shared objective of ‘Convergence’ and to shape and drive its whole work programme:

* Promoting Convergence and community participation;
* Championing equalities and inclusion;
* Ensuring high quality design; and
* Ensuring environmental sustainability;

**SECURITY FENCING**

The Contractor will be required to provide fencing in seven locations around the stadium.

In summary:

|  |  |  |
| --- | --- | --- |
|  | **Project Area** | **Requirements** |
| 1 | Statue Area | Install:* a 65m 2.0m x 50 x 6/8mm welded mesh panel system bolted to RHS posts set in to a concrete foundation
* 1 single leaf gate x 3m across existing path width, braced and clad with mesh. Side latch for client padlock and RHS gate posts (2) set in to a concrete foundation.
* All steelwork to be galvanised and powder coated black.
* Materials not required to be designed for crowd loading levels

Reference Drawings:* Fence Slide Pack
* LC419STALANLDGA7102
* LC419STALANLDGA7302
* LC419STALANLDGA7402
* 210413 Upper fence View East01
* 210413 Upper fence View Opposite River
* 210413 Upper fence View North01
 |
| 2 | Towpath area adjacent to Blue Bridge | Install:* a c.50m x 2.4m x 50 x 6/8mm welded mesh panel system bolted to RHS posts set into a concrete foundation
* 1 double leaf gate x 3m across existing path width, braced and clad with mesh. Location on raised stepping adjacent to towpath and Bridge 2. Latch for client padlock and RHS gate posts set into a concrete foundation.
* Gates 3m across existing towpath width. Location on towpath level to south of the Blue bridge. Gate must fold back on itself to not obstruct the towpath when not in use.
* 1 x post RHS posts set into a concrete bolted to the side of the towpath gate. Must be of attractive mature and in colour to blend into the surrounding (silver / grey)
* 1 x portable overhang gate. The be located over the canal on a temporary basis. Must be able to be carried, installed and removed by a maximum of 3 members of staff.
* All steelwork to be galvanised and powder coated black (except for canal side Post)
* Materials not required to be designed for crowd loading levels

Reference Drawings:* Fence Slide Pack
* LC419STALANLDDE7555
* LC419STALANLDDE7556
* LC419STALANLDGA7101
* LC419STALANLDGA7301
* LC419STALANLDGA7401
* 201413 – London Stadium Fencing Visual – Closed
* 201413 – London Stadium Fencing Visual – Open
* 201413 – London Stadium Fencing Visual – Opposite River – Open
* 201413 – London Stadium Fencing Visual – Opposite River – Closed
 |
| 3 | Marathon Ramp | * Install new 2.4m gates on Marathon ramp, with secure using padlock and swing open with drop bolts to fix into position
* Secure from gates with permanent fence line into the building “Living Wall” Steel

Reference Drawings:* Fence Slide Pack
* LC419STALANLDGA7101
* LC419STALANLDGA7401
 |
| 4 | Fence behind Living Wall adjacent to the Marathon Ramp | * Install a fence behind the current “Living Wall” to provide a secure for any intruders seeking to access the venue through at this location.
* Tenderers are asked to provide functional, economic solutions that meet security needs, but reflect that the fence will not be visible to any stadium visitors.

Tenderers are advised to visit the area to assess the space prior to biding as it contains significant infrastructure and fence posts that need to be taken into account.As we anticipate a range of different proposals for this item, it is treated as an optional item, and not scored as part of the evaluation. Proposals should be made as the item is expected to be commissioned to a bidder with an appropriate solution. |
| 5 | New Gate at Gate 11 entrance point  | * Re-install a 2.4m Height x 2.45m opening Gate at the canal path.

Modification may be needed. Gate to have a slide latch so can use a padlock. Gate to swing open against the grey barrier along the canal and secured with drop bolt.  |
| 6 | Car Park 1 and 1A | Install:* C.80m x 2.4m fence system bolted to RHS posts set into a concrete foundation in location shown on the plan
* 1 double leaf gate 2.4m x 3m across entrance point shown on the plan to create a Broadcast area. Gate braced and clad with mesh. Latch for client padlock and RHS gate posts set into a concrete foundation.
* 1 Gate 2.4m x 2m across entrance point shown on the plan to create access for broadcasters to the broadcast trench. Gate braced and clad with mesh. Latch for client padlock and RHS gate posts set into a concrete foundation. Note potential to re-use gates in this location
* All steelwork to be galvanised and powder coated black
* Materials not required to be designed for crowd loading levels

Reference Drawings:* Fence Slide Pack
* 17800-KSS-ZZ-ZZ-DR-A-FL-001 P01

Note that re-design of this area is in development. Tenderers should bid based on the above arrangement, and any variations will be agreed post contract at the same rates. |
| 7 | Area under Bridge 5 | * Supply and install 1 No 3.5m wide x 2.4m high manual double leaf gate clad with black. 9005 Duo 8 mesh fit with a slide bar holed for customers padlock and drop bolt to each leaf.
* RHS posts set into a concrete bolted to the side of the towpath gate. Must be of attractive mature and in colour to blend into the surrounding (silver / grey)
* 1 x portable overhang gate. The be located over the canal on a temporary basis. Must be able to be carried, installed and removed by a maximum of 3 members of staff.
* All steelwork to be galvanised and powder coated black (except for canal side Post)
* Materials not required to be designed for crowd loading levels

Reference Drawings:* Fence Slide Pack
* 17800-KSS-ZZ-ZZ-DR-A-FL-002 P01

Note that this project is dependent on securing planning consent, and an alternative solution may be commissioned for a revised fee |

The following appended documents and diagrams shows a more detailed plan of the location of the seats to be adapted:

* “Security Fencing Slides” document
* Drawings of fencing requirements

**SECURITY STANDARDS**

The specification requires all fencing is delivered to the relevant statutory standards.

**DESIGN**

The contractor shall be responsible for the design of the fencing system.

The contractor shall carry out site surveys to confirm as built dimensions to assist with their design.

Deliverables

The contractor will be responsible for the detailed design of the fencing and will need to provide the following as a minimum for all configurations;

* Fabrication Drawings
* Calculations required for statutory approvals

Visual Appearance

The visual appearance of the security fencing will be in-keeping with that of the rest of the stadium fencing, and the relevant design and standards set pout on the drawings and required by the planning authority.

Drawing format

All design drawing information is to be issued to E20 as a PDF and a zipped CAD file. CAD

data is to be issued in AutoCad (.dwg) format.

All drawings are to be dated, to have a clear system of version control, and to be marked

with their status, for example, ‘For Construction’.

Quality Assurance

The design and manufacture shall be carried out in accordance with the NSSS.

The Contractor shall operate a recognised quality assurance system that is acceptable to

E20. The Employer will appoint the services of an External Review Team to inspect and comment on drawings, specifications, documents and any samples in a timely manner to validate that the Contractor’s design proposals are in line with the specification.

As-built information and Record Drawings

The Contractor shall provide a set of as-built drawings for the works. These shall be updated as necessary to incorporate instructed design amendments or correct errors noted on the existing record drawings.

**HEALTH AND SAFETY COMPLIANCE**

The Contractor will ensure all fences provided comply with all relevant legislation including, but not limited to, legislation relating to health and safety, human rights, environmental protection, and employment.

The Contractor is to fully comply with all health, safety and welfare information contained within this Contract (or as otherwise exists) whilst designing, planning, procuring, and undertaking the Services.

**ENVIRONMENTAL MANAGEMENT**

The Contractor shall only use materials that meets and is acceptable to all relevant licencing and building control requirements.

**PROGRAMME**

A programme for delivery must be set out in your response. It is anticipated that the fencing will be delivered over the period June 2021 to September 2021.

The programme should include a requirement to cease installation for events held at the Stadium. Tenderers can assume one event every two weeks in the period June 2021 to September 2022.

**CDM REGULATIONS**

The Contractor should make themselves, and in particular their designers, familiar with the information within the CDM Pre-Construction Information.

**MEETINGS**

The Contractor shall ensure it attends meetings where relevant.

This includes consultation meeting with key statutory and event holders including, but not limited to:

* West Ham United
* London Borough of Newham Licencing and Building Control

**EMPLOYMENT**

Employment

Where practicable, the Contractor is required to:

* Support local companies
* Work closely in partnership with key stakeholders to deliver employment and skills outcomes through this Contract; and
* Deliver London Stadium’s aims in terms of fair employment, payment of the Construction Working Rule Agreements and community and industrial relations.

Equality and Diversity

The Contractor shall assist and cooperate with London Stadium in satisfying their legal duties as set out in the Equality Act 2010 by:

* co-operating with London Stadium and others in engaging with communities;
* adopting and implementing London Stadium relevant equality related policies and procedures;
* operating equality monitoring and reporting;
* developing and implementing an Equality and Inclusion Action Plan;
* co-operating with London Stadium during audits and checks.

Fair Employment

The Contractor and his Sub-Contractors shall employ their staff in line with statutory employment legislation (including equal opportunities, the EU Working Time Directive and rights to representation).

The Contractor and his Sub-Contractors shall at all times comply with the London living wage and remunerate their respective workforces by 100% adoption of the London living wage. The Contractor will be required to provide evidence that they are implementing the London living wage. London Stadium will be entitled to seek clarification as to levels of any annual uplifts and reserves the right to undertake spot checks. The Contractor’s nominated liaison officer will be responsible for reporting progress in implementing the London living wage at pre-determined intervals.

**APPENDICIES**

* “Security Fencing Slides” document
* Drawings showing fencing requirements: