Q40 Fencing

PROJECT:
To be read with Preliminaries/General conditions.
FENCING TYPE: PALLAS LITE MESH SYSTEM

FENCING

- Manufacturer: Heras UK Fencing Systems, Herons Way, Carr Hill, Doncaster, DN4 8WA
  Tel: 01302 364551 Fax: 01302 322401
  E-mail: heras.sales@herasuk.co.uk Web: www.heras.co.uk

- **PANELS:** PALLAS LITE MESH
  - Nominal Height: Pallas Lite 100 (1030mm) / Pallas Lite 120 (1230mm) / Pallas Lite 180 (1830mm) / Pallas Lite 200 (2030 mm) / Pallas Lite 240 (2430mm)
  - Nominal Panel Width: 2505mm
  - Mesh and wire: Welded mesh spacing 200mm vertical x 50mm horizontal x 5mm vertical and twin 6mm horizontal wires.
  - Finish: Galvanised & polyester powder coated Green RAL 6005/Black RAL 9005.

- **POSTS:** HEXACLIP RHS
  - Rectangular hollow section 60 x 40 x 2.0mm, with M8 threaded inserts and Hexaclip base clip fitted on the front face, complete with Hexaclip cover clips and M8 x 40 anti-tamper security bolts.
  - Nominal Post centres: 2520mm
  - Finish: Galvanised & polyester powder coated Green RAL 6005/Black RAL 9005.

- **OTHER:**
- Method of setting posts: In concrete foundations to comply with the design loading requirements specified by manufacturers technical specifications for this category of fence.
- Conformity:
  - Pallas satisfies the requirements for Category 1 (General Purpose) and Category 2 (Security) fences as prescribed by BS 1722 Part 14 – Open Mesh Steel Panel Fences
  - Upon receipt on site, or during storage off site, all care to be taken to ensure that no damage is incurred and that all precautions are taken against vandalism or theft.

- **INSTALLATION:**
- Set out and erect fencing:
  - As shown on drawings
  - Gradients:
    - In the event of installing on sloping ground, post must be erected vertically and panels can be stepped approximately 150mm maximum by suspending the top horizontal on the second clip from the top of the post.
    - Steeper slopes will require extra long posts, manufactured with additional clips and threaded inserts.
    - With posts set rigid, plumb and to specified depth, or greater where necessary to ensure adequate support.
    - Panels that are cut on site are to be made good using a zinc-etch primer paint, followed by a top coat of 2 pack polyurethane repair paint.
    - with correct fixings and all components securely fixed.

COMPETENCE

- The contractor shall employ experienced installers and provide qualified supervision to complete works as specified by the manufacturer for this category of fence.
- - For information contact: Heras UK Fencing Systems, Herons Way, Carr Hill, Doncaster, DN4 8WA
  Tel: 01302 364551 Fax: 01302 322401
  E-mail: heras.sales@herasuk.co.uk

SETTING POSTS IN CONCRETE

- Holes: Excavate neatly and with vertical sides.
- Concrete mix: GEN1 or ST2 – to BS EN 206-1 using 20mm nominal size graded aggregates.
  - Alternative for small batch: the mix should not be leaner by mass than 1 part cement to 10 parts 20mm nominal graded aggregates.
- All concrete should be thoroughly compacted prior to the initial set.
- Exposed concrete foundations
  - Filling: Compact until are bubbles cease to appear on the upper surface.
  - Finishing: Weathered to shed water and trowelled smooth.