

Project No. 150457

Client: Council of the Isles of Scilly

Tender Issue 10/11/2017

STRIDE TREGLOWN
ARCHITECTURE

Carn Gwavel School

10 November 2017

This document includes:

Code	Section	Revision	Dated
P21	Door/ Window Ironmongery		

P21 Door/ Window Ironmongery

To be read with Preliminaries/ General conditions.

PRE-TENDER

10 QUANTITIES AND LOCATIONS

- Quantities and locations of ironmongery are scheduled by the supplier and indicated on door schedule .
- Fixing: As sections L10 and L20.

GENERAL

121 IRONMONGERY FROM SINGLE PROPRIETARY RANGE

- Manufacturer: Select Architectural Ironmongery Ltd Tel 01626 337447 .
 - Product reference: to be agreed .
- Principal material/ finish: Grade 304 Satin Stainless Steel .
- Items unavailable within selected range: Submit proposals.

131 APPROVED SUPPLIERS

- Source: Obtain door ironmongery from one of the following: Select Architectural Ironmongery Ltd Tel 01626 337447 .
- Notification: Submit details of selected supplier.

140 SAMPLES

- General: Before placing orders with suppliers submit labelled samples of the following: all components .
 - Conformity: Retain samples on site for the duration of the contract. Ensure conformity of ironmongery as delivered with labelled samples.

141 SAMPLE BOARDS

- General: Before placing orders with suppliers submit a sample board, containing labelled samples of ironmongery and showing methods of fixing.
- Range: Include all components .
 - Conformity: Retain board on site in an approved location for the duration of the contract. Ensure conformity of ironmongery as delivered with labelled samples.

171 IRONMONGERY FOR FIRE DOORS

- Relevant products: Ironmongery fixed to, or morticed into, the component parts of a fire resisting door assembly.
- To match general door ironmongery
- Compliance: Ironmongery included in successful tests to BS 476-22 or BS EN 1634-1 on door assemblies similar to those proposed.
 - Certification: Submit CERTIFIRE certificates .
- Melting point of components (except decorative non functional parts): 800°C minimum.
NOTE: Ironmongery specified to be CE marked and have the appropriate manufacturers DOP where legally required. Necessary literature apertaining to same to be produced prior to order being placed.

181 CATEGORY OF DUTY FOR DOOR IRONMONGERY

- Standard: To DD 171.
 - Category of duty of doors: Heavy duty .
- General: Durability of ironmongery components to be compatible with stated category of duty of each door leaf. Escape ironmongery for external doors to withstand heavy duty traffic where appropriate.
 - Exclusions: Ironmongery with specific duty or 'category of use' defined elsewhere.
Documentation: Before placing orders with suppliers submit documentation showing product compliance with stated category of duty.

DOOR HANGING DEVICES

320A DOOR HINGES GENERALLY to be provided by door manufacturer/supplier

WINDOW HANGING DEVICES

WINDOW HANGING DEVICES [GENERALLY] to be provided by window manufacturer

371 WINDOW HINGES GENERALLY to be provided by window manufacturer.

DOOR OPERATING DEVICES

411 OVERHEAD DOOR CLOSERS GENERALLY

- Standard: To BS EN 1154.
Classification 481-4114
 - Door closing devices to fire/ smoke control doors: CE marked.
- Manufacturer: Geze .
 - Product reference: 3000V .
- Type: Slide Arm .
- Power size: 2-4 .
- Other functions: Adjustable and latching action .
- Casing finish: As schedule .
- Operational adjustment:
 - Variable power: Matched to size, weight and location of doors.
 - Latched doors: Override latches and/ or door seals when fitted.
 - Unlatched doors: Hold shut under normal working conditions.
 - Closing against smoke seals of fire doors: Positive. No gaps.

472 PERFORMANCE SPECIFICATION FOR ELECTROMAGNETIC HOLD OPEN/ SWING-FREE DEVICES (24 V) GENERALLY

- Standard: To BS EN 1155.
 - Electromagnetic devices to fire/ smoke control doors: CE marked.
- Type: Hold open, integral with closer .
- Minimum classification grades:
 - Category of use: 3.
 - Durability: 8 .
 - Hold open power size: Adjustable 2-6, so that force required to open the door when the doors have closed, conform to Part M of the building Regulations .
 - Suitability for use on fire/ smoke doors: 1.
 - Safety: 1.
 - Corrosion resistance: 4 .
- Material/ finish: Satin stainless steel, Grade (304) .
- Means of release: Alarm system and/ or failure of power supply.
- Test switch: Located in a convenient position adjacent to door.
- Operational adjustment of integral closer:
 - Variable power: Matched to size, weight and location of doors.
 - Latched doors: Override latches and/ or door seals when fitted.
 - Unlatched doors: Hold shut under normal working conditions.

473 DOOR ACCESS PADS GENERALLY

- Standard: refer M&E spec requirements
- Manufacturer: Refer to M&E spec .
 - Product reference: refer M&E spec .
 - Material/ finish: refer M&E spec .

DOOR SECURING DEVICES

516 DOOR LOCKS INTERNAL GENERALLY

- Standard: To BS EN 12209.
Classification 3X81*0G4BA30
- Manufacturer: Supplied by Select Architectural Ironmongery Ltd .
 - Product reference: Refer to Schedule of ironmongery provided. .
- Type: As schedule .
- Backset: 60 mm .
- Material/ finish: Stainless steel faceplate .
- Keying: Euro Type .

588 ALL WINDOW SECURING DEVICES AND IRONMONGERY

- To be provided by window manufacturer. All window opening mechanisms / levers are to tonally contrast with windows.

DOOR FURNITURE

- 861 DOOR SEALS FOR: SOUND PROOFING GENERALLY
- Manufacturer: Contractor's choice .
 - Product reference: Contractor's choice .
 - Type: As schedule .
 - Size: As manufacturer's recommendations .
 - Material/ finish: As manufacturer's recommendations .
- 895 DOOR MOUNTED AIR TRANSFER GRILLES AS REQUIRED BY THE M&E CONSULTANT
- Manufacturer: Contractor's choice .
 - Product reference: To M&E Engineer's Specification .
 - Type: To M&E Engineer's Specification .
 - Size: To M&E Engineer's Specification .
 - Material/ finish: PPC Aluminium .
- 897 DOOR MOUNTED FIRE RESISTING AIR TRANSFER GRILLES WITH SMOKE SHUTTER AS REQUIRED BY THE M&E CONSULTANT .
- Manufacturer: Contractor's choice .
 - Product reference: To M&E Engineer's Specification .
 - Type: To M&E Engineer's Specification .
 - Size: To M&E Engineer's Specification .
 - Fire resistance: To M&E Engineer's Specification and Fire Strategy .
 - Material/ finish: Satin stainless steel, Grade (304) .
 - Activator: Smoke detection and/ or fire alarm system.
- 899 WINDOW FURNITURE
- to be provided by window manufacturer. All window opening mechanism / levers are to tonally contrast with windows