SPECIFICATION FOR REPLACEMENT / REPAIR OF FIRE DOORS

2.0 PREAMBLES & WORK SCHEDULE

2.1 **Third Party Certification For Installation of Fire Doors –** Fire doors / doorsets shall be installed in accordance with BS8214 : 2016. Contractors / operatives installing fire doors / doorsets shall be competent and familiar with BS 8216 : 2016. Additionally contractors or operatives installing fire doors / doorsets shall be third party certified with one of the following schemes : Trada Q Mark Fire Door Installation, FIRAS or IFCC.

2.2 **Third Party Certification of Fire Doorsets –** Fire doors / doorsets shall be manufactured and third party certified by one of the following schemes : Trada Q Mark, BWF Certifire or IFCC.

2.3 **Building Regulations Approved Document B Regulation 38 –** On completion of the fire door / doorset installation, the contractor shall handover full details of the fire doors to the Responsible Person to assist future inspections and maintenance in accordance with Regulation 38 and The Regulatory Reform (Fire Safety) Order 2005.

2.4 **Existing Fire Door Leaf –** In accordance with the door schedule, remove the existing timber door leaf and dispose to tip complete with all existing ironmongery, except for existing door access control mag-locks which shall be removed and set aside ready to be refixed to new doorsets.

2.5 **Existing Timber Door Frames –** Prior to door frame removal, allow to identify and carefully unclip any power, data or door access control cables attached to or passing through existing door frame or architraves. Where necessary existing cables shall repositioned or re-routed as directed by the Contract Administrator and subject to a Variation Order.

Carefully remove existing architraves / quadrant on both sides of the door frame and breakout the existing door frame and dispose to tip together with any glazed side screens. Prepare the structural opening and make good as necessary ready to receive the new doorsets.

2.6 **New FD30s Doorsets –** The contractor shall be responsible for carrying out a detailed site survey of structural openings and supplying and fitting new made to

measure FD30s doorsets to BS EN12519, to fit prepared openings. Generally each door leaf shall be 44mm thick, Oak veneered and hardwood lipped on all sides with matching Oak frames. Architraves shall be solid Oak and no less than 12mm thick. The gap between the back of the doorset frame and the structural opening behind the architrave shall be infilled with mineral fibre, capped with acrylic intumescent mastic in accordance with BS 8214 : 2016 or as directed by doorset manufacturer.

2.7 **Ironmongery –** All ironmongery shall be certified such as BWF Certifire. Generally each door shall be hung on 3No 102 x 76mm stainless steel ball bearing butt hinges / screws to BS EN 1935 Grade 13 with additional intumescent pads behind. Overhead door closers shall be to BS EN 1154/55/58 and shall comply with Approved Document M for opening forces at the leading edge of the door leaf.

Door handles to be SAA return to door handles / rose connected to 5 lever mortice lock / latch.

Each door leaf shall have a brushed stainless steel kick plate on both sides 150mm high.

Mandatory fire door signage shall be fitted in accordance with BS EN ISO 7010:2020.

2.8 **New Vision Panels –** Where required in accordance with Approved Document Part M, doors shall be fitted with 1No narrow vision panel, approx. 1450 x 150mm, glazed with 7mm thick Pilkington Pyrodur Plus (or similar) held in place with hardwood beads / intumescent gaskets.

2.9 **New Intumescent / Cold Smoke Brush Seals –** Doorsets to have certified combined intumescent and smoke seals to suit single or double doors in accordance with the door schedule. Intumescent / smoke seals to comply with BS EN 1634-1:2008, BS476-22:1987 & BS9999: 2017.

2.10 **Decoration** – Allow to make good all disturbed surfaces to match existing as near as possible