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|  | SECTION 3 |  |
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|  | SCHEDULE OF WORKS |  |
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|  | SCHEDULE OF WORKS |  |
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| **PROPERTY WORK SCHEDULE** | **:** | **Fire Detection Project** |
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| **PROJECT SITE** | **:** | **Milton Keynes University Hospital** |
|  |  |  |
| **AREA** | **:** | **As indicated in the schedule and attached Service Sheets** |
|  |  |  |

**CONTRACTORS ARE TO PRICE THIS SCHEDULE TO INCLUDE**

**COSTS FOR WORK ARISING FROM STANDARD PRELIMINARIES**

| **Item** | | **Description of works required** | **Reference and Quantity** | | **£ Excl. VAT** |
| --- | --- | --- | --- | --- | --- |
| **3.** |  | This specification, with the attached e-portal documents of sealed quotes - RDS, and Drawings. Describes the extent of the electrical rewire intended for MKUH ref. All materials and workmanship are to comply with current British standards and codes of practice and be in accordance with manufacturers’ recommendations and requirements. | UNIT PRICE | QTY  ------------------ | -----TOTAL----------- |
| **3.** |  | **Note;** There will be other contractors on site working in the adjacent areas. The contractor for the Electrical Contractor will be the Principal Contractor (PC) for its own works, though the PC must liaise with the other contractors, in its work area throughout the project, to ensure that access and vehicle movements and the works are managed safely. |  | ------------------ | ---------------- |
| **3.** |  | The work comprises of :-  The replacement of emergency lighting battery’s, fittings and the installation of emergency lighting in areas not covered in corridors, stair well and passenger lifts |  | ------------------ | --------------- |
| **3.** |  | The contractor is to price each item individually. All items shall be priced strictly in accordance with the specification and tender description of works. The contractor must clarify any queries on specification of the works before submitting the tender. No provisional prices will be allowed unless issued by the contract administrator. |  | ----------------- | --------------- |
| **3.** |  | When pricing this Schedule of Work the tenderer’s attention is drawn to the Health and Safety Plan. |  | ------------------ | --------------- |
| **3.** |  | The principle/main contractor is to make an allowance for planning, co-ordination, health and safety and attendance over his own and named specialist/sub-contractors needed to complete the work. |  | ------------------ | --------------- |
| **3.** |  | All surplus materials shall be removed to a licensed tip. The Waste Electrical and Electronic Equipment **Directive** (**WEEE Directive**) is the European Community **Directive** 2012/19/EU on waste electrical and electronic equipment (**WEEE**) which, together with the RoHS **Directive** 2002/95/EC, became European Law in February 2003. Must be adhered. |  | ------------------ | ---------------- |
| **3.** |  | The contract period for works is 14 weeks: - **October 2019 to 28th January 2020.**  Normal work days or if delayed from the reviewed date.  The contractor will be required to work weekends and out of office hours and should make all due allowance for weekend. | In Section 4 Day work and Contingences | ------------------ | ---------------- |
| **3.** |  | The Hospital will be occupied for the entire duration of the contract there are quiet times on wards which must be followed and you might be asked to leave to allow the patients to have meal times, The building will be open for patients, staff, visitors, and other contractors during this time.  The contractor should make safe access available at all times for entry into the Hospital and for escape routes for the occupants, included. |  | ------------------ | ---------------- |
| **3.** |  | All deliveries to be made to the estates car park. All excessively noisy works should be notified to the Contract Administrator prior to starting and co-ordinated to suitable times wherever possible and the contractor should use his best endeavours to reduce noise and disturbance to a minimum. |  | ------------------ | ---------------- |
| **3.** |  | All parts, materials, fixing must be of the correct BS or CE accreditation / standard for Hospitals and commercial premises |  | ------------------ | ---------------- |
| **3.** |  | The drawings are not to an accurate scale and all measurements must be taken and checked on site and are the sole responsibility of the contractor. The Contractor is to note that the quantities given for any item are only approximate and he is to make his own checks and measurements to ensure that they price for the full amount of work required. |  | ------------------ | ---------------- |
| **3.** |  | Any descriptions given in this specification are to be interpreted as everything necessary to complete that item. The specification as a whole must be taken as indicative to the works as a whole, and all prices must include for all works shown and/or described in the contract documents/drawings as a whole or apparent as being necessary for the complete and proper execution of the works. |  | ------------------ | ---------------- |
| **3.** |  | The contractor can make use of the welfare Facilities in the estates maintenance building but these time must be other than (10:00 to 10:30) and (13:00-13:30) and for the complete duration of the works. This must be kept within the contractors Compound Area. |  | ------------------ | --------------- |
| **3.** |  | The main contractor shall provide suitable storage facilities for the protection of their materials for the complete duration of the works. These facilities must be kept within the contractors Compound Area. |  | ----------------- | --------------- |
| **3.** |  | The contractor’s Compound area (as defined in the site plan) must be protected with Heras fencing and kept in a locked and secure state at all times. | N/A | ------------------ | ---------------- |
| **3.** |  | The main contractor shall provide and maintain all necessary, temporary protection, handrails/scaffolding, temporary steps, edge protection, access towers, ladders, rubbish chute and skips etc., for the proper execution of the works by his own workforce and nominated sub-contractors and inspection by qualified engineer. If needed. |  | ------------------ | ---------------- |
| **3.** |  | Any damages caused to the previously completed/existing electrical installation or fabric / building structure, etc., will be made good at the contractor’s expense. |  |  |  |
| **3.** |  | All mobile scaffolding, access equipment must comply with current HSE guidelines for safe access, scaffold, working platforms, and roof edge protection and users information. |  |  |  |
| **3** |  |  |  |  |  |
| **3** |  | **Allow for all supply and install costs within each item.** |  |  |  |
| **3** |  |  |  |  |  |
| **3** |  | **Panel 3 (Level 1 Bulk Store (Stores))**  ***4 x S4-34440-02 (Mains Powered Interfaces) – Install required as sizes different from existing***  ***70 x S4-711 (Dual Optical/Heat Sensor)***  ***81 x S4-711-V (Dual Optical/Heat Sensor)***  ***151 x S4-700 (Sensor Base)***  ***1 x VIG-MCC-EN (Main Control Card) – Updates latest software***  ***3 x VIG-LPC-EN (Loop Card) – Updates to high powered*** |  |  | **£**  **£**  **£**  **£**  **£**  **£** |
| **3.** |  | **Panel 4 (Level 2 Store near Chapel)**  ***8 x S4-34440-02 (Mains Powered Interfaces) – Install required as sizes different from existing***  ***70 x S4-711-V (Dual Optical/Heat Sensor)***  ***44 x S4-711 (Dual Optical/Heat Sensor)***  ***9 x S4-720 (Heat Sensor)***  ***123 x S4-700 (Sensor Base)***  ***6 x S3-V-VAD-HPR-R (Wall Voice Sounder/Strobe)***  ***1 x VIG-MCC-EN (Main Control Card) – Updates latest software***  ***4 x VIG-LPC-EN (Loop Card) – Updates to high powered*** |  |  | **£**  **£**  **£**  **£**  **£**  **£**  **£**  **£** |
| **3** |  | **Panel 7 (Level 1 Bulk Store (Stores))**  ***4 x S4-34440-02 (Mains Powered Interfaces) – Install required as sizes different from existing***  ***40 x S4-711 (Dual Optical/Heat Sensor)***  ***40 x S4-711-V (Dual Optical/Heat Sensor)***  ***21 x S4-720 (Heat Sensor)***  ***101 x S4-700 (Sensor Base)***  ***1 x VIG-MCC-EN (Main Control Card) – Updates latest software***  ***1 x VIG-LPC-EN (Loop Card) – Updates to high powered*** |  |  | **£**  **£**  **£**  **£**  **£**  **£**  **£** |
| **3** |  | **Panel 8 (Frame Room)**  **14 x S4-34440-02 (Mains Powered Interfaces) – Install required as sizes different from existing**  **100 x S4-711 (Dual Optical/Heat Sensor)**  **92 x S4-711-V (Dual Optical/Heat Sensor)**  **8 x S4-720 (Heat Sensor)**  **200 x S4-700 (Sensor Base)**  **30 x S4-34845 (Manual Call Point)**  **1 x VIG-MCC-EN (Main Control Card) – Updates latest software**  **3 x VIG-LPC-EN (Loop Card) – Updates to high powered** |  |  | **£**  **£**  **£**  **£**  **£**  **£**  **£**  **£** |
| **3** |  | **Panel 9 (Frame Room)**  **10 x S4-34440-02 (Mains Powered Interfaces) – Install required as sizes different from existing**  **108 x S4-711 (Dual Optical/Heat Sensor)**  **100 x S4-711-V (Dual Optical/Heat Sensor)**  **8 x S4-720 (Heat Sensor)**  **216 x S4-700 (Sensor Base)**  **30 x S4-34845 (Manual Call Point)**  **1 x VIG-MCC-EN (Main Control Card) – Updates latest software**  **4 x VIG-LPC-EN (Loop Card) – Updates to high powered** |  |  | **£**  **£**  **£**  **£**  **£**  **£**  **£**  **£** |
| **3** |  | **Panel 2 (Ward 14 Switch room)**  **9 x S4-34440-02 (Mains Powered Interfaces) – Install required as sizes different from existing**  **2 x VIG-LPC-EN (Loop Card) – Updates to high powered** |  |  | **£**  **£** |
| **3** |  | **Panel 5 (Breast Clinic)**  **1 x S4-34440-02 (Mains Powered Interfaces) – Install required as sizes different from existing**  **40 x S4-711 (Dual Optical/Heat Sensor)**  **30 x S4-711-V (Dual Optical/Heat Sensor)**  **2 x S4-720 (Heat Sensor)**  **72 x S4-700 (Sensor Base)**  **1 x VIG-MCC-EN (Main Control Card) – Updates latest software**  **2 x VIG-LPC-EN (Loop Card) – Updates to high powered** |  |  | **£**  **£**  **£**  **£**  **£**  **£**  **£** |
| **3** |  | **Panel 6 (Treatment Centre)**  **11 x S4-34440-02 (Mains Powered Interfaces) – Install required as sizes different from existing**  **130 x S4-711 (Dual Optical/Heat Sensor)**  **100 x S4-711-V (Dual Optical/Heat Sensor)**  **15 x S4-720 (Heat Sensor)**  **245 x S4-700 (Sensor Base)**  **29 x S4-34845 (Manual Call Point)**  **1 x VIG-MCC-EN (Main Control Card) – Updates latest software**  **4 x VIG-LPC-EN (Loop Card) – Updates to high powered** |  |  | **£**  **£**  **£**  **£**  **£**  **£**  **£**  **£** |
| **3** |  | **Panel 10 (Luing Cowley)**  **1 x VIG-MCC-EN (Main Control Card) – Updates latest software**  **1 x VIG-LPC-EN (Loop Card) – Updates to high powered** |  |  | **£**  **£** |
| **3** |  | **Panel 11 (Fracture Clinic)**  **7 x S4-711 (Dual Optical/Heat Sensor)**  **10 x S4-711-V (Dual Optical/Heat Sensor)**  **17 x S4-700 (Sensor Base)**  **1 x VIG-MCC-EN (Main Control Card) – Updates latest software**  **1 x VIG-LPC-EN (Loop Card) – Updates to high powered** |  |  | **£**  **£**  **£**  **£**  **£** |
| **3** |  | **Panel 12 (Eye Clinic)**  **28 x S4-711 (Dual Optical/Heat Sensor)**  **20 x S4-711-V (Dual Optical/Heat Sensor)**  **48 x S4-700 (Sensor Base)**  **6 x S4-34845 (Manual Call Point)**  **1 x VIG-MCC-EN (Main Control Card) – Updates latest software**  **1 x VIG-LPC-EN (Loop Card) – Updates to high powered** |  |  | **£**  **£**  **£**  **£**  **£**  **£** |
| **3** |  | **Panel 13 (Oak House)**  **1 x S4-34440-02 (Mains Powered Interfaces) – Install required as sizes different from existing**  **32 x S4-711 (Dual Optical/Heat Sensor)**  **22 x S4-711-V (Dual Optical/Heat Sensor)**  **3 x S4-720 (Heat Sensor)**  **55 x S4-700 (Sensor Base)**  **10 x S4-34845 (Manual Call Point)**  **1 x VIG-MCC-EN (Main Control Card) – Updates latest software**  **1 x VIG-LPC-EN (Loop Card) – Updates to high powered** |  |  | **£**  **£**  **£**  **£**  **£**  **£**  **£**  **£** |
| **3** |  | **Panel 15 (Maple Unit)**  **18 x S4-711 (Dual Optical/Heat Sensor)**  **10 x S4-711-V (Dual Optical/Heat Sensor)**  **3 x S4-720 (Heat Sensor)**  **31 x S4-700 (Sensor Base)**  **1 x VIG-MCC-EN (Main Control Card) – Updates latest software**  **1 x VIG-LPC-EN (Loop Card) – Updates to high powered** |  |  | **£**  **£**  **£**  **£**  **£**  **£** |
| **3** |  | **Panel 16 (Post Graduate Centre)**  **1 x VIG-MCC-EN (Main Control Card) – Updates latest software**  **1 x VIG-LPC-EN (Loop Card) – Updates to high powered** |  |  | **£**  **£** |
| **3** |  | **Panel 17 (Endoscopy & Ward 22)**  **1 x VIG-MCC-EN (Main Control Card) – Updates latest software**  **2 x VIG-LPC-EN (Loop Card) – Updates to high powered** |  |  | **£**  **£** |
| **3** |  | **Panel 18 (MV Generator Building)**  **1 x COMPACT-MCC (Main Control Card) – Updates latest software**  **1 x COMPACT-LPC-EN (Loop Card) – Updates to high powered** |  |  | **£**  **£** |
| **3** |  | **Fire Panel Supply and Install Costs for each:**  **Vigilon Plus 4 Loop Panels**  **Vigilon Plus 4 and 6 Loop Panels** |  |  | **£**  **£** |
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| **3** |  | **Left Blank** |  |  |  |

**3.4 Programme of Works**

Fill in your expected timescale for each Item.

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| **PROGRAMME** |
| **INSTALLATION PERIOD FROM DATE OF ORDER** | | Weeks |
| **FIRE DETECTION PROJECT WORK PERIODS** | |  |
| 3.23 Panel 3 (Level 1 Bulk Store (Stores)) | |  |
| 3.24 Panel 4 (Level 2 Store near Chapel) | |  |
| 3.25 Panel 7 (Level 1 Bulk Store (Stores)) | |  |
| 3.26 Panel 8 (Frame Room) | |  |
| 3.27 Panel 9 (Frame Room) | |  |
| 3.28 Replace Apollo detectors in CRC building | |  |
| 3.29 Replace Battery's in the UPS door holder cabinet. | |  |
| 3.30 Panel 6 (Treatment Centre) | |  |
| 3.31 Panel 10 (Luing Cowley) | |  |
| 3.32 Panel 11 (Fracture Clinic) | |  |
| 3.33 Panel 12 (Eye Clinic) | |  |
| 3.34 Panel 13 (Oak House) | |  |
| 3.35 Panel 15 (Maple Unit) | |  |
| 3.36 Panel 16 (Post Graduate Centre) | |  |
| 3.37 Panel 17 (Endoscopy & Ward 22) | |  |
| 3.38 Panel 18 (MV Generator Building) | |  |
| 3.39 Fire Panel Supply and Install | |  |
| 3.40 Left Blank | |  |
| 3.41 Left Blank | |  |
| **TOTAL PROGRAMME PERIOD** | | **Weeks** |