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| Document |
| **Schedule of Works** |
| Project |
| **WC Refurbishment Package****Dundonald Primary School** |
| Building/Asset/Site |
| **Building** |
| Client |
| **Merton Council**  |
| Date |
| **June 2025** |
| **Contact** |
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|  | **Description** | **Item** | **£** |
| **A** | **GENERAL** |  |  |
| **1.A** | The works relate to the proposed toilet block refurbishment works to be undertaken at Dundonald Primary Schools, in the London Borough of Merton, over the summer holiday period (August) and first few weeks of the new term in September 2025 (11/08 – 12/09). The site is near Wimbledon town centre. The Contractor is to be aware that works are intended to be undertaken both outside and during term time, although holidays clubs may be present within areas outside of the working areas. **The Contractor is to review the outline programme appended to the tender pack and confirm if timescales can be achieved, providing their own detailed construction programme to reflect how they would achieve this.** **Should the Contractor believe these timescales cannot be achieved they should provide an alternative programme for each site for review/comment by the CA and Client.** **Note: All operatives working within the schools where must hold a valid enhanced DBS Certificate. Evidence will need to be provided and included within the Contractors CPP, with daily records provided to the school on a weekly basis once works are on-site. Contractor will be responsible for developing site logistics plan to ensure segregation with school holiday club.**Contractor will be expected for developing site logistics as part of their Construction Phase Plan, erecting sufficient herras fencing to screen off activities at both schools.The Contractor should allow for developing a sufficient Construction Phase Plan in order for the works to be executed in a safe and professional manner. The appointed Contractor will be acting as Principal Contractor under CDM Regulations 2015. The works include the refurbishment of KS1 & KS2 toilets to the Ground and First Floors (2.nr locations in total) such as replacement of cubicles, flooring, new uPVC hygienic wall cladding, sanitaryware, replacement of electric water heaters, suspended grid ceiling tiles, redecoration and lighting etc.Asbestos R&D Survey Reports have not been provided given that the only demolition specified is in relation to cubicles and sanitaryware. Should the Contractor feel that a survey is required they need to raise this prior to submitting their tender offer.Contractor is to review where requested the drawings referenced within this document which form part of the tender documents, in order correctly price the works. The Contractor must read/price this document following review of the appendices and plans. **Note:** Should any issues arise the Contractor should raise them to the CA at their earliest convenience. **Note:** Contractor is to provide an individual price for this section per school.**Note:** Any area made available to the Contractor for site set up and storage must be cleaned and returned to the Client in the same condition in which it was found prior to works commencing on site. | **Note** |  |
|  | **Services** |  |  |
| **B** | The Contractor will be allowed use of the main services to the site in order to undertake works. Contractor to allow for sufficient and safe connections.  | **Item** |  |
|  | **Protection** |  |  |
| **C** | The Contractor is to allow for suitable protection throughout the duration of the works. Details of temporary protection are to be provided and approved by the Contract Administrator prior to commencement. All site personnel to wear appropriate PPE and the Contractor is to make an allowance for site protection / access restriction as identified by site RAMS. | **Item** **Item** |  |
|  | In particular and given the nature of the sites, the Contractor will be expected to provide suitable protection and to ensure safe access can be obtained by the Schools to existing building/egress routes. Access will need to be maintained to all existing entrances and exits to the buildings in addition to the Car Park. | **Item** |  |
|  | The Contractor is to provide screened off herras fencing prior to commencement of works and upto completion, which is to be provided around the site boundary between the buildings and the contractors compound. This will need to be provided with a lockable FB key so that maintenance operatives can obtain access throughout duration of the works.  | **Item** |  |
|  | **Rubbish** |  |  |
| **D** | Remove all rubbish and debris from the sites from time to time as it accumulates and at the completion of the contract. Leave the site neat and tidy to the satisfaction of the Contract Administrator. Skips may be placed within the compound area, in a location to be agreed with the Client. | **Item** |  |
|  | **Cleaning** |  |  |
| **E** | The Contractor is to allow for thorough professional clean of all working areas and site setup area as works progress and on completion. | **Item** |  |
|  | **Parking/ Storage** |  |  |
| **F** | Contractor will be able to utilise the car park at each site for parking, deliveries, storage and welfare, although locations to be agreed with the schools and Principal Contactors. Contractor should allow to liaise with the Client and adjoining owners as works progress in order to ensure there are no access issues.  | **Item** |  |
|  | **Access** |  |  |
| **G** | The Contractor will be responsible for liaising with the Principal Contractors in relation to traffic management around the site, in order to ensure the safety of visitors and staff is ensured at all times whilst works are on-site. **Note:** As such it is paramount that the Contractor ensures the access into the site/car park is not obstructed at any time during the course of the works. **Handover Documents** | **Item** **Item** |  |
| **H** | The Contractor must collate all required Handover Documentation as the work proceeds and submit to the Contract Administrator all information requested by McBains by the completion date to enable Practical Completion to be issued.  | **Item** |  |
| **I** | **Working Hours**The works are to be undertaken both during normal working hours and outside of working hours, Monday to Sunday 7.30am – 6.00pm, in order to complete within the given timescales. | **Item** |  |
|  | **Welfare Facilities** |  |  |
| **J** | It is currently envisaged that the Contractor will provide their own welfare facilities at each site and will not be given use of School facilities in order to ensure segregation. The Contractor will be able to make use of existing services on site but will be responsible for making all connections and ensuring these have been carried out safely (no trip hazards etc).  | **Item** |  |
|  | **Health and Safety** |  |  |
| **K** | It is considered that due to the nature of the works and anticipated contract period these works will NOT be notifiable under the CDM Regulations 2015. As such the Contractor is to allow for providing all necessary information for the compilation of the Health and Safety Folder, in addition to providing a Construction Health and Safety Plan to the satisfaction of the Principal Designer prior to works starting on site. The Contractor is to review any existing building plans/health & safety documentation prior to starting the works. A Pre-Construction Information Document, which will need to be reviewed in full prior to developing the Construction Phase Plan. During the Construction phase and as works progress the Contractor is expected to supply all required method statements/obtain from sub-contractors where applicable, to the satisfaction of the Principal Designer, in addition to collation and submission of Health & Safety File on completion of the works to the satisfaction of the Principal Designer. The Principal Designer will be responsible for issuing all F10 notices to the HSE and distributing to all relevant parties.  | **Item****Item** |  |
|  | **Security** |  |  |
| **L** | Due to the nature of the works the contractor will be responsible for site security to the working areas. Should there be any security issues during the scheme the Contractor should notify the Client/CA. The Contractor will be responsible for any loss of materials from site. As such it is advised that materials/items of value be brought to site on day of install etc. | **Item****Item** |  |
|  | **Preliminaries**  |  |  |
| **M** | Allow here for all contractors’ preliminary costs for undertaking these works. | **Item** |  |
|  | **Qualifications** |  |  |
| **N** | Please also provide confirmation of your Construction line accreditation and insurances as part of your tender return.  | **Item** |  |
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**B. DUNDONALD PRIMARY SCHOOL**

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| **1.0** | **ACCESS /PLANT** |  |  |
|  | For all works please refer to the existing plans where provided. | **Note** |  |
| **A** | The Contractor is to provide suitable means of access and all plant in order to execute the works appropriately. In particular the Contractor is to ensure that access into the site and building itself is not obstructed at any time. Should the Contractor have any concerns with being able to complete the necessary works on the below basis they should inform the CA at their earliest convenience prior to returning their tender. **Note:** Contractor to allow for liaising closely with the School Caretaker in order to arrange access. | **Item** |  |
| **B** | Contractor is deemed to have allowed for providing all plant including specialist, required in order to successfully execute the works detailed within this document. | **Note** |  |
| **C** | Means of access should be appropriate for the scope works as outlined within the Specification. | **Note** |  |
| **D** | The Contractor is to ensure that all areas outside of the working area are kept unobstructed at all times throughout the works. | **Note** |  |
| **E** | Working areas are to be fully protected at all times by the installation of herras fencing or equal and approved. Heras fencing is to be erected to all site boundaries and suitably screened off. | **Note** |  |
| **F** | The Site Compound can be set up in location to be agreed with CA and the school to the car park.  | **Note** |  |
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| **2.0** | **WC REFURBISHMENT TO LOWER-LEVEL UNISEX WC’s (1/017):**  |  |  |
| **A** | **STRIP OUT** |  |  |
| i | Temporarily disconnect all services within rooms and make good all damaged and disturbed surfaces. Include for isolations, temporary propping, temporary security, temporary works, etc. as necessary. | **Item** |  |
| **ii** | Remove all existing light fittings to and correctly dispose of. Allow for temporary works lighting as required. Allow for safely temporarily removing surface mounted services such as conduits, switches etc in order for wall cladding to be fitted and reinstate on completion. | **Item** |  |
| **iii** | Carefully disconnect and strip out entire shell, including the ceramic tiling, toilet cubicles and toilet roll holders, vinyl floor finishes including all underlay, skirtings, thresholds and the like, sanitaryware, hand dryers, electric water heaters, entrance doorset etc. As such all pipework inc drainage to be stripped and capped off. | **Item** |  |
| **iv** | Demolish non-load bearing walls currently providing cubicles within the toilets. | **Item** |  |
|  | **Note: The annotated plans provided within Appendix B are to take precedence and should therefore be priced by the Contractor.**  |  |  |
| **B** | **DRYLINING & JOINERY** |  |  |
| **i** | Following removal of the existing single door set, the contractor will be required to construct new fire rated partition for the FD fire rated pocket sliding door to slide inside.Contractor to form using Gypframe 48 S 50 C Studs at 600mm centres, 25mm Isover Acoustic Partition Roll to void and 1.nr layer of Gyproc Wallboard 15mm either side. On completion Contractor to allow for tape, joint all joints prior to skimming to provide a smooth surface ready for decoration. All partitions below are to achieve this spec in order to provide 30 minutes means of compartmentation.Note: Contractor to allow for OSB patressing between studs for any wall fixings, new service runs and penetrations in connections, firestopping on completion to ensure fire compartmentation is assured. | **Item** |  |
| **ii** | Contractor to supply and install new FD30s rated timber pocket door set sliding system. In accordance with the appended door schedule and drawing to the newly installed partition side panels, complete with linings, architrave and stops. Contractor to allow for making good and touching up decorations to surrounding surfaces on completion, inc any adjustments required to the size of openings.Include for routing out and installation of smoke seals and intumescent strips to new doors inc thresholds, linings. Doors made to measure to suit existing and new structural openings. Allow for adjustment to suit existing openings. Doors to be self-closing and to achieve ½ hour fire resistance in accordance with Building Regulations.Allow to provide Grade 13 BS EN 1935 rated brushed steel hinges to doors. Supply and install overhead door closers in polished chrome to new doors inc chrome plate fire door signage as depicted on the proposed plans.Note: All new barrel locks are to be suited to match the existing locks which are currently on the same suite. 2.nr keys per door are to be provided. |  |  |
| **Iii** | Contractor to allow Provisional Sum of £750.00 for any joinery repairs required to be instructed by the CA. | **PROV** | £750 |
| **iv** | Where exposed pipework is provided such as the one way heat pipe, CW and HW etc, the Contractor will be required to box in all upto a height of 2000mm above FFL level to all areas, to reduce possibility of scalding, vandalism and ligature. Contractor to utilise pre-finished MDF sanding down all joints on completion ready for decoration.Contractor to allow for providing access hatches to all locations where stop cocks, valves are located. For pricing purposes please allow for 10.nr lockable access hatches in total. | **Item** |  |
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| **C** | **WALLS & CUBICLES** |  |  |
|  | **Note: Contractor to price the new washrooms and hygienic wall cladding in accordance with the quote supplied by Trovex Washrooms for all materials inc sanitaryware. For the avoidance of doubt the quote provided takes precedence and is for supply/delivery only.**  |  |  |
| **i** | To all wall surfaces within the rooms, Contractor to make good walls and undertake plaster repairs required to provide suitable substrate, before supply and install of uPVC hygienic panelling (full-height) Trovex Diamond Sheet in white (or equal and approved), allowing for the cap and cove vinyl detail below. The PVC cladding is to be clad over all boxing including beneath the wash hand basins etc. Carry out installation in strict accordance with manufacturer's instructions and best practice guidance. Contractor to allow for working around existing MEP services and fittings.  | **Item** |  |
| **ii** | In accordance with the drawings and appended quote, Contractor to supply and install new Trovex Essential SGL cubicle 1960mm high inc duct set to rear. Material to be Solid Grade Laminate with polished black radius edges. Colour options as per below selection:Doors – Pilasters – Partitions – Fittings – Wall Ducting – Wall Flash Gaps – Vanity Top – Vanity Under Panels – Vanity Flash Panels – Ironmongery- headrail to be light grey satin anodised with Satin Anodised Aluminium foot with ABS shroud in Light Grey. Indicator Bolt: ABS lock faceplate and nylon lock body with polycarbonate slider and rubber door buffer in Light Grey. Hinges: Satin anodised hinges with adjustable cams to allow door to either fall in the open or closed position. Cubicle Fixings: Satin anodised wall continuous channels in Light Grey.Supply and install aforementioned in accordance with manufacturers instruction, including all fixings. | **Item** |  |
| **iii** | Contractor to construct frame to rear of each cubicle or new concealed cisterns (6ltr lever flush cistern), with IPS Panel System pre-fixed and sealed to unit (or equal and approved) and chrome plated lever.  | **Item** |  |
| **iv** | Contractor to supply and install new SGL 3 station vanity units to each washroom using ready plumbed semi recessed with upstand SRU from Trovex cutting out all locations for install of new trough basin.Supply and install aforementioned in accordance with manufacturers instruction, including all fixings, sealants to surround etc. | **item** |  |
| **D** | **FINISHES** |  |  |
| **i** | Prepare the floors in readiness for all the new vinyl floor coverings; allow for applying DPM screed compound and lay according to manufacturer’s instructions. | **Item** |  |
| **ii** | Transfer and Threshold Trims - To be installed to all doorways and junctions between different flooring types. All to be aluminium and by Gradus. Exact product references to suit flooring junction application. | **Item** |  |
| **iii** | To supply and install new hygienic sheet vinyl flooring (Polysafe Standard PUR by Polyflor Ltd (or equal and approved) to extend full perimeter of the WC beneath all sanitary ware up to perimeter walls. Vinyl to be taken up perimeter walls approximately 150mm using cove formers and appropriate aluminium transfer trims (i.e. vinyl-to-decorations). All junctions to be welded with colour-matching welding rods and form a continuous water tight environment. All junctions with sanitary ware, door stops, architraves, etc. to be sealed with hygienic mastic sealant (colour to be white or clear to suit). All corner and junction detailing as per manufacturer's instructions. Colour TBC by Client. Note: Contractor to ensure that all doors operate correctly and with ease on completion, allowing to adjust doors as required. | **Item** |  |
| **iv** | To all plasterboard ceilings contractor to allow for redecorating using 2.nr coats of Dulux Trade Diamond Matt to match existing finish. | **Item** |  |
| **v** | Contractor to allow for preparing all existing joinery including doors, ensuring all ironmongery is sufficiently protected, prior to redecorating using 2.nr coats of Dulux Trade Gloss to match the existing finish. | **Item** |  |
| **E** | **SANITARYWARE** |  |  |
| **i** | Contractor to allow for adapting existing supplies, waste and foul as required, before installing new back to wall WC’s with concealed cisterns (6ltr lever flush cistern) with IPS Panel System pre-fixed and sealed to RPM unit by Trovex, as per the appended quote. Seat and covers with stainless steel hinges. Allow for Chrome Plated Lever flush to backboard for each cistern.Allow for plumbing up to existing. (equal or approved spec). Supply and install aforementioned in accordance with manufacturers instruction, including all fixings. | **Item** |  |
| **ii** | Contractor to provide new sanitaryware inc porcelain pans, cisterns and vanity unit wash troughs in accordance with appended quote provided by Trovex, allowing for adapting existing supplies and waste as required to suit new units.Contractor to allow for renewing TMV’s provided to wash basins as required, allowing for all plumbing works. (equal or approved spec).Supply and install aforementioned in accordance with manufacturers instruction, including all fixings. | **Item** |  |
| **iii** | Contactor to supply and install new hand dryers using Dryflow® EcoSlim Hand Dryer (Brushed Stainless Steel – equal and approved) to each WC allowing for all new wiring, fused spur etc as required. For avoidance of doubt 2.nr to be provided per washroom in accordance with markedup plans. | **Item** |  |
| **iv** | Supply and fit new 'shatter proof' tempered or laminated safety glass, suitable for use in primary educational purposes. For pricing purposes the contractor should allow to supply and install 2Nr 1000mm x 1000mm mirrors above the vanity unit. Mirror installation to include decorative chrome trim (or alternative colour as instructed by CA.) inclusive of all adhesives and sealants.Supply and install aforementioned in accordance with manufacturers instruction, including all fixings. | **Item** |  |
| **F** | **MEP ITEMS** |  |  |
| **i** | Contractor is responsible for the design (Contractors Design Portion) and installation for all electrical, mechanical and public health works as detailed below and is assumed to have priced the performance specification and requirements below on this basis and in accordance with the appended documents. | **Note** |  |
|  | Works are to be undertaken in accordance with the following standard clauses;General Mechanical and Electrical Clauses  |  |  |
|  | * Electrical work is to be carried out by a suitably qualified Electrical Engineer to comply with the Current edition of the IEE Regulations and BS7671:2001
* The Contractor is to allow to produce Record Drawings to record the new installations and alterations
* Allow to provide Maintenance details for the Health and Safety File
* Allow for all necessary fire stopping for new service runs
* Allow for all required and necessary BWIC with regards to MEP works
* All new electrical fittings to be supplied by either MK Electrics or Crabtree
* All new electrical wiring and outlets to be surface mounted in steel conduit for ease with flush surface fixings (power outlets/light switches etc) to be provided
* In accordance with Building Bulletin’s and DFE design guidance including but not limited to the following;
* Technical Annex 2E – Daylight and Electric lighting, Version 9
* Technical Annex 2F – Mechanical Services and Public Health Engineering, Version 9
* Technical Annex 2G – Electrical Services, Communication, Fire and Security, Version 9
* Building Bulletin 100 – Design for Fire Safety in Schools
* Building Bulletin 101 – Guidelines on ventilation, thermal comfort and indoor air quality in schools, Version 1.
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| **ii** | **Lighting to plasterboard ceilings inc new controls - Contractor to design lighting (CDP).**1) Lighting to be LED, min. LUX 500 (This assumes existing power supply will be to current standards where a modification certificate can be issued (i.e. must be on an RCD distribution board)). Lighting has to be suitable for a washroom. 2) Contractor to allow room to be provided with sufficient emergency lighting. Lighting units shall be provided with emergency backup packs.3) Contractor to renew lighting controls to each room allowing for motion detection to all pupil WC’s. | **Item** |  |
| **iii** | **Ventilation- Contractors to design ventilation (CDP)**1. Contractor to provide new through wall localised extract ventilation to each room using new Vent Axia or equal and approved, sized to provide minimum extract rate of 6l/s.
2. Allow to core out through the external wall, allowing for any ductwork as required inc ply boxing, decorations etc and install new electric supplies. Allow new spur and steel conduit as part of the new supplies to extract fan. Ventilation Contractor to design ventilation arrangements (CDP).
3. On completion of the installation the mechanical contractor shall fully commission the extract system and provide commissioning data for inclusion within the project H&S file.
 | **Item** |  |
| **iv** | **Electrical (CDP)**Contractor to allow for electrical adaptions as required in order to meet requirements in relation to the toilet block refurbishment works, such as wiring and spurs for hand dryers, extract fans, water heaters and lighting etc. | **Item** |  |
|  | Contractor to allow for design and install of electric water heaters to each washroom ensuring that sufficiently sized units are provided to meet with the proposed number of sinks. | **Item** |  |
| **vi** | **Electrical PC Sum**Should any electrical repairs or upgrades be required Contractor to allow the Provisional Sum to be expended by the CA. | **PROV** | £1,000 |
| **vi** | **Plumbing (CDP)**1) Contractor to allow for renewing all pipework connections and runs into the new sanitaryware and connections back into the stacks. 2) Contractor to allow adapting all CWS and HWS pipework as required in order to connect upto new sanitaryware, allowing for adjustments as required to ensure sufficient temperatures are achieved in accordance with building regulations. 3) The mechanical contractor is to fully flush all domestic services pipe work on completion of the installation. 4) All soil and waste pipe work to be pressure tested and results witnessed and record for inclusion in the project H&S hand over file.5) Contractor to allow for boxing in all existing and new exposed pipework to the WC’s using ply and decorate on completion in white. | **Item** |  |
| **vi** | Contractor to allow for all BWIC in connection with mechanical works such as sealants to surround of new sinks, penetrations, firestopping etc. | **Item** |  |
| **vii** | Following completion of the works the Contractor is to provide the following, but not limited to, in date test certificates to the satisfaction of the CA in relation to all works prior to Practical Completion being issued; * NICEIC install certificates to account for new work
* Emergency Lighting test Certificate
* All new cabling to be suitably protected by armored cabling
* Chlorination and pressure test certificates in relation to new pipework
* Demonstration of operation of all new installations to the satisfaction of the CA prior to issue of PC
* Note: Contactor to allow for all required and necessary BWIC with the above MEP scope of works.

NB: Contractor is to test all electrical items upon completion of the above works in order to ensure that they are in correct working order prior to completion of the works and carry out a Five Year Test, including the issue of all statutory certification. | **Item** |  |
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| **3.0** | **WC REFURBISHMENT TO UPPER-LEVEL BOYS WC’s (1/111):** |  |  |
| **A** | **STRIP OUT** |  |  |
| i | Temporarily disconnect all services within rooms and make good all damaged and disturbed surfaces. Include for isolations, temporary propping, temporary security, temporary works, etc. as necessary. | **Item** |  |
| **ii** | Remove all existing light fittings to and correctly dispose of. Allow for temporary works lighting as required. Allow for safely temporarily removing surface mounted services such as conduits, switches etc in order for wall cladding to be fitted and reinstate on completion. | **Item** |  |
| **iii** | Carefully disconnect and strip out entire shell, including the ceramic tiling, toilet cubicles and toilet roll holders, vinyl floor finishes including all underlay, skirtings, thresholds and the like, sanitaryware, hand dryers, electric water heaters, entrance doorset etc. As such all pipework inc drainage to be stripped and capped off. | **Item** |  |
| **iv** | Demolish non-load bearing walls currently providing cubicles within the toilets. | **Item** |  |
|  | **Note: The annotated plans provided within Appendix B are to take precedence and should therefore be priced by the Contractor.**  |  |  |
| **B** | **DRYLINING & JOINERY** |  |  |
| **i** | Contractor to supply and install new FD30s rated timber pocket door set sliding system. In accordance with the appended door schedule and drawing to the newly installed partition side panels, complete with linings, architrave and stops. Contractor to allow for making good and touching up decorations to surrounding surfaces on completion, inc any adjustments required to the size of openings.Include for routing out and installation of smoke seals and intumescent strips to new doors inc thresholds, linings. Doors made to measure to suit existing and new structural openings. Allow for adjustment to suit existing openings. Doors to be self-closing and to achieve ½ hour fire resistance in accordance with Building Regulations.Allow to provide Grade 13 BS EN 1935 rated brushed steel hinges to doors. Supply and install overhead door closers in polished chrome to new doors inc chrome plate fire door signage as depicted on the proposed plans.Note: All new barrel locks are to be suited to match the existing locks which are currently on the same suite. 2.nr keys per door are to be provided. | **Item** |  |
| **Ii** | Contractor to allow Provisional Sum of £750.00 for any joinery repairs required to be instructed by the CA. | **PROV** | £750.00 |
| **iii** | Where exposed pipework is provided such as the one way heat pipe, CW and HW etc, the Contractor will be required to box in all upto a height of 2000mm above FFL level to all areas, to reduce possibility of scalding, vandalism and ligature. Contractor to utilise pre-finished MDF sanding down all joints on completion ready for decoration.Contractor to allow for providing access hatches to all locations where stop cocks, valves are located. For pricing purposes please allow for 10.nr lockable access hatches in total. | **Item** |  |
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| **C** | **WALLS & CUBICLES** |  |  |
|  | **Note: Contractor to price the new washrooms and hygienic wall cladding in accordance with the quote supplied by Trovex Washrooms for all materials inc sanitaryware. For the avoidance of doubt the quote provided takes precedence and is for supply/delivery only.**  |  |  |
| **i** | To all wall surfaces within the rooms, Contractor to make good walls and undertake plaster repairs required to provide suitable substrate, before supply and install of uPVC hygienic panelling (full-height) Trovex Diamond Sheet in white (or equal and approved), allowing for the cap and cove vinyl detail below. The PVC cladding is to be clad over all boxing including beneath the wash hand basins etc. Carry out installation in strict accordance with manufacturer's instructions and best practice guidance. Contractor to allow for working around existing MEP services and fittings.  | **Item** |  |
| **ii** | In accordance with the drawings and appended quote, Contractor to supply and install new Trovex Essential SGL cubicle 1960mm high inc duct set to rear. Material to be Solid Grade Laminate with polished black radius edges. Colour options as per below selection:Doors – Pilasters – Partitions – Fittings – Wall Ducting – Wall Flash Gaps – Vanity Top – Vanity Under Panels – Vanity Flash Panels – Ironmongery- headrail to be light grey satin anodised with Satin Anodised Aluminium foot with ABS shroud in Light Grey. Indicator Bolt: ABS lock faceplate and nylon lock body with polycarbonate slider and rubber door buffer in Light Grey. Hinges: Satin anodised hinges with adjustable cams to allow door to either fall in the open or closed position. Cubicle Fixings: Satin anodised wall continuous channels in Light Grey.Supply and install aforementioned in accordance with manufacturers instruction, including all fixings. | **Item** |  |
| **iii** | Contractor to construct frame to rear of each cubicle or new concealed cisterns (6ltr lever flush cistern), with IPS Panel System pre-fixed and sealed to unit (or equal and approved) and chrome plated lever.  | **Item** |  |
| **iv** | Contractor to supply and install new SGL 3 station vanity units to each washroom using ready plumbed semi recessed with upstand SRU from Trovex cutting out all locations for install of new trough basin.Supply and install aforementioned in accordance with manufacturers instruction, including all fixings, sealants to surround etc. | **item** |  |
| **D** | **FINISHES** |  |  |
| **i** | Prepare the floors in readiness for all the new vinyl floor coverings; allow for applying DPM screed compound and lay according to manufacturer’s instructions. | **Item** |  |
| **ii** | Transfer and Threshold Trims - To be installed to all doorways and junctions between different flooring types. All to be aluminium and by Gradus. Exact product references to suit flooring junction application. | **Item** |  |
| **iii** | To supply and install new hygienic sheet vinyl flooring (Polysafe Standard PUR by Polyflor Ltd (or equal and approved) to extend full perimeter of the WC beneath all sanitary ware up to perimeter walls. Vinyl to be taken up perimeter walls approximately 150mm using cove formers and appropriate aluminium transfer trims (i.e. vinyl-to-decorations). All junctions to be welded with colour-matching welding rods and form a continuous water tight environment. All junctions with sanitary ware, door stops, architraves, etc. to be sealed with hygienic mastic sealant (colour to be white or clear to suit). All corner and junction detailing as per manufacturer's instructions. Colour TBC by Client. Note: Contractor to ensure that all doors operate correctly and with ease on completion, allowing to adjust doors as required. | **Item** |  |
| **iv** | To all plasterboard ceilings contractor to allow for redecorating using 2.nr coats of Dulux Trade Diamond Matt to match existing finish. | **Item** |  |
| **v** | Contractor to allow for preparing all existing joinery including doors, ensuring all ironmongery is sufficiently protected, prior to redecorating using 2.nr coats of Dulux Trade Gloss to match the existing finish. | **Item** | £3,500 |
| **E** | **SANITARYWARE** |  |  |
| **i** | Contractor to allow for adapting existing supplies, waste and foul as required, before installing new back to wall WC’s with concealed cisterns (6ltr lever flush cistern) with IPS Panel System pre-fixed and sealed to RPM unit by Trovex, as per the appended quote. Seat and covers with stainless steel hinges. Allow for Chrome Plated Lever flush to backboard for each cistern.Allow for plumbing up to existing. (equal or approved spec). Supply and install aforementioned in accordance with manufacturers instruction, including all fixings. | **Item** |  |
| **ii** | Contractor to provide new sanitaryware inc porcelain pans, cisterns and vanity unit wash troughs in accordance with appended quote provided by Trovex, allowing for adapting existing supplies and waste as required to suit new units.Contractor to allow for renewing TMV’s provided to wash basins as required, allowing for all plumbing works. (equal or approved spec).Supply and install aforementioned in accordance with manufacturers instruction, including all fixings. | **Item** |  |
| **iii** | Contactor to supply and install new hand dryers using Dryflow® EcoSlim Hand Dryer (Brushed Stainless Steel – equal and approved) to each WC allowing for all new wiring, fused spur etc as required. For avoidance of doubt 2.nr to be provided per washroom in accordance with markedup plans. | **Item** |  |
| **iv** | Supply and fit new 'shatter proof' tempered or laminated safety glass, suitable for use in primary educational purposes. For pricing purposes the contractor should allow to supply and install 2Nr 1000mm x 1000mm mirrors above the vanity unit. Mirror installation to include decorative chrome trim (or alternative colour as instructed by CA.) inclusive of all adhesives and sealants.Supply and install aforementioned in accordance with manufacturers instruction, including all fixings. | **Item** |  |
| **F** | **MEP ITEMS** |  |  |
| **i** | Contractor is responsible for the design (Contractors Design Portion) and installation for all electrical, mechanical and public health works as detailed below and is assumed to have priced the performance specification and requirements below on this basis and in accordance with the appended documents. | **Note** |  |
|  | Works are to be undertaken in accordance with the following standard clauses;General Mechanical and Electrical Clauses  |  |  |
|  | * Electrical work is to be carried out by a suitably qualified Electrical Engineer to comply with the Current edition of the IEE Regulations and BS7671:2001
* The Contractor is to allow to produce Record Drawings to record the new installations and alterations
* Allow to provide Maintenance details for the Health and Safety File
* Allow for all necessary fire stopping for new service runs
* Allow for all required and necessary BWIC with regards to MEP works
* All new electrical fittings to be supplied by either MK Electrics or Crabtree
* All new electrical wiring and outlets to be surface mounted in steel conduit for ease with flush surface fixings (power outlets/light switches etc) to be provided
* In accordance with Building Bulletin’s and DFE design guidance including but not limited to the following;
* Technical Annex 2E – Daylight and Electric lighting, Version 9
* Technical Annex 2F – Mechanical Services and Public Health Engineering, Version 9
* Technical Annex 2G – Electrical Services, Communication, Fire and Security, Version 9
* Building Bulletin 100 – Design for Fire Safety in Schools

Building Bulletin 101 – Guidelines on ventilation, thermal comfort and indoor air quality in schools, Version 1. |  |  |
| **ii** | **Lighting to plasterboard ceilings inc new controls - Contractor to design lighting (CDP).**1) Lighting to be LED, min. LUX 500 (This assumes existing power supply will be to current standards where a modification certificate can be issued (i.e. must be on an RCD distribution board)). Lighting has to be suitable for a washroom. 2) Contractor to allow room to be provided with sufficient emergency lighting. Lighting units shall be provided with emergency backup packs.* 3) Contractor to renew lighting controls to each room allowing for motion detection to all pupil WC’s.
 | **Item** |  |
| **iii** | **Ventilation- Contractors to design ventilation (CDP)**1. Contractor to provide new through wall localised extract ventilation to each room using new Vent Axia or equal and approved, sized to provide minimum extract rate of 6l/s.
2. Allow to core out through the external wall, allowing for any ductwork as required inc ply boxing, decorations etc and install new electric supplies. Allow new spur and steel conduit as part of the new supplies to extract fan. Ventilation Contractor to design ventilation arrangements (CDP).
3. On completion of the installation the mechanical contractor shall fully commission the extract system and provide commissioning data for inclusion within the project H&S file.
 | **Item** |  |
| **iv** | **Electrical (CDP)**Contractor to allow for electrical adaptions as required in order to meet requirements in relation to the toilet block refurbishment works, such as wiring and spurs for hand dryers, extract fans, water heaters and lighting etc. | **Item** |  |
|  | Contractor to allow for design and install of electric water heaters to each washroom ensuring that sufficiently sized units are provided to meet with the proposed number of sinks. | **Item** |  |
| **vi** | **Electrical PC Sum**Should any electrical repairs or upgrades be required Contractor to allow the Provisional Sum to be expended by the CA. | **PROV** |  |
| **vi** | **Plumbing (CDP)**1) Contractor to allow for renewing all pipework connections and runs into the new sanitaryware and connections back into the stacks. 2) Contractor to allow adapting all CWS and HWS pipework as required in order to connect upto new sanitaryware, allowing for adjustments as required to ensure sufficient temperatures are achieved in accordance with building regulations. 3) The mechanical contractor is to fully flush all domestic services pipe work on completion of the installation. 4) All soil and waste pipe work to be pressure tested and results witnessed and record for inclusion in the project H&S hand over file.5) Contractor to allow for boxing in all existing and new exposed pipework to the WC’s using ply and decorate on completion in white. | **Item** |  |
| **vi** | Contractor to allow for all BWIC in connection with mechanical works such as sealants to surround of new sinks, penetrations, firestopping etc. | **Item** |  |
| **vii** | Following completion of the works the Contractor is to provide the following, but not limited to, in date test certificates to the satisfaction of the CA in relation to all works prior to Practical Completion being issued; * NICEIC install certificates to account for new work
* Emergency Lighting test Certificate
* All new cabling to be suitably protected by armored cabling
* Chlorination and pressure test certificates in relation to new pipework
* Demonstration of operation of all new installations to the satisfaction of the CA prior to issue of PC
* Note: Contactor to allow for all required and necessary BWIC with the above MEP scope of works.

NB: Contractor is to test all electrical items upon completion of the above works in order to ensure that they are in correct working order prior to completion of the works and carry out a Five Year Test, including the issue of all statutory certification. | **Item** |  |

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| **3.0** | MISCELLANEOUS |  |  |
| **A** | On completion of all internal works the Contractor is to undertake a thorough builders and sparkle clean to ensure working areas are clean and free of debris.Contractor to make good external areas where welfare has been sited to ensure in same condition as prior. | **Item** |  |
| **B** | Contractor to allow Contingency Sum of £3,500.00 to be expended by the Contract Administrator in relation to any unidentified works. | **PROV** | £3,500 |

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|  | **DUNDONALD PRIMARY SCHOOL** |  |  |
|  | **SUMMARY** |  |  |
| **1.0** | **ACCESS/PLANT** |  |  |
| **2.0** | **WC REFURBISHMENT TO LOWER LEVEL UNISEX WC’s (1/017)** |  |  |
| **3.0** | **WC REFURBISHMENT TO UPPER-LEVEL BOYS WC’s (1/111)** |  |  |
| **4.0** | **MISCELLANEOUS** |  |  |
|  |  |  |  |
|  | **TOTAL CARRIED TO OVERALL SUMMARY** | **£** |  |