

SCHEDULE OF WORKS

- A This specification must be read in conjunction with all drawings, NBS documentation, performance criteria and employers requirements.

Item

DRAWINGS

- B This specification must be read in conjunction with drawing's;
6468 – 01 - 17

CONTRACT

- C Contractor to note that the works will be executed under the JCT Minor Works 2016 Building Contract with Contractors Design and with client amendments.

Item

- D Contractor must allow for pricing of the Preliminary Document and provide priced summary of preliminaries along with their priced schedule of works along with their form of tender. Preliminaries must be broken down into the relevant sections and not provided as a lump sum.

Item

GENERALLY

- E Contractor shall allow for the bringing to site and maintaining all plant as necessary for the completion of the works.

Item

- F The standard of works shall be in compliance with the current British/European Standards and shall be executed to the entire satisfaction of the Surveyor/CA.

Item

- G Due to current circumstances and COVID-19 it will not be possible for contractors to undertake site visits during the tender period and all works must be priced for by means of reviewing all documentation provided as part of this tender package.

Item

Section 3 Schedule of Works

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| A | The contractor is to include in his rates for all tools and equipment required for the proper execution and completion of the works. | Item |
| B | The contractor shall remove from site at the end of each working day, all surplus materials and debris as it accumulates and on completion of the work shall leave the site clean and tidy to the entire satisfaction of the Surveyor/CA. | Item |
| C | If storage is required the Contractor must confine the storage of tools and materials to an area indicated and agreed with the person in charge of the premises or in a secure steel container, and all tools and materials are to be secured in the lock-up during absence from site. | Item |
| D | The Contractor is to include for the temporary removal including disconnection if necessary of all existing cables, wiring, conduits, pipework and other fittings affected by the works and shall protect such items and neatly refit and re-clip on completion of the works. | Item |
| E | The Contractor is to check all measurements on site prior to commencing manufacture or installation of any elements of the project. Measurements described below may be found to be incorrect, albeit every effort has been taken to ensure they are reasonably accurate. It remains the contractor's responsibility to ensure they measure up following on from the tender period and prior to any works commencing. Any discrepancies or shortfalls must be raised with Cunliffes during the tender period or prior to works commencing. | Item |
| F | The contractor will be responsible for providing all necessary scaffold and hoists for gaining access to the works in full accordance with Clause A35 / 155A of the Preliminaries. | Item |
| G | Provide temporary secure hoarding and weather proofing throughout the duration of the works to section off the area of works as required. | Item |

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| A | Contractor to allow for suitable working hours to enable materials to be moved to or removed from the work areas and from/to the compound area. Contractor also to allow for any out of hours work deemed necessary to undertake all aspects of the works and complete the work which may include weekend working on the dates stipulated. Materials to be moved to or from the work areas either before 10am or after 5pm. | Item |
| B | The proposed work area is to be adequately segregated from public and staff to ensure no unauthorised access to the works for the duration of the contract. Allow for providing and erecting all necessary temporary hoardings, barriers and appropriate safety and warning signs | Item |
| C | The contractor is to include for all necessary precautions and controls to eliminate or reduce vibration, noise and dust to an absolute minimum and programming and disruptive works out of hours. | Item |

PROGRAMME

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| D | Contractor to note the following dates when pricing and confirming they can achieve the proposed start and completion dates. | Item |
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Tender Return Date: Monday 27th April 2020

Start Date on Site: Wednesday 20th May 2020

Completion Date: Friday 19th June 2020

Site Set up Works

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| E | Provide suitable welfare and storage accommodation to be in accordance with the Construction (Design Management) Regulations 2015 – Regulations 9(1)(b), 13(7) and 22(1)(c) and the Health & Safety at Work Act 1974. | Item |
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Section 3 Schedule of Works

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| A | Allowance for all external Site Set up and welfare facilities to meet with HSE guidelines in terms of operative numbers; block n mesh type external hoardings; site signage for the duration of the works. Refer to the appended Pre Construction Information Pack, HSE documents and NML information and drawing referenced above. | Item |
| B | Full extent of the contractor site set up and compound is to be agreed with the client at the pre start meeting. The compound it initially thought to be housed within the rear carpark to the World Museum site with agreed parking bays to be provided for sole use by the contractor. | Item |
| C | Contractor to ensure that all access / egress stairwells, lobbies and corridor areas within the building and particularly the vicinity of the works are kept clear at all times from debris and not to be used for storage of material/equipment at any times for the full duration of the works. | Item |
| D | Contractor to allow for the thorough cleaning of the access / egress and stairwells and corridor areas on a daily basis. | Item |
| E | Contractor to allow for the thorough cleaning of the site area on a daily basis to prevent build-up of dust, debris etc and to prevent migration of dust to other areas of the building and exhibition areas including the goods lift. | Item |
| F | Contractor to provide suitable floor protection to cover the existing flooring to protect from dust, dirt and impact damage to the areas within the vicinity of the work areas and on access / egress routes for the full duration of the contract. | Item |

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| A | Contractor to provide suitable dust protection measures to prevent migration of dust from the site area. To allow for sealing around all final exit doors from the site area, sealing all ventilation/extract openings, openings and doors into the service voids and sealing all high level openings through walls for the full duration of the contract. The list above is not exhaustive and all reasonable measures to be taken to prevent the migration of dust and debris. | Item |
| B | Details of the access arrangements for entry into the building has been provided and is included within the Appendix which contractors should take note of and adhere to procedures. | Item |
| C | No additional costs will be accepted for access provisions after tender for lack of knowledge or understanding of the site. Any queries regarding access to be clearly raised during the tender period. | Item |

Scaffold / Access

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| D | The contractor will be responsible for providing all necessary scaffold, mobile scaffold platforms, MWEPS, hoists etc that are deemed required for gaining access to undertake the works as detailed below and must make full allowance for this. | Item |
| E | Below is a list of some of these works that may be deemed as access to be required but by all means this list is not exhaustive; | Item |
- Removal of large 'Sock' to atrium
 - Installation of high-level electrics and data
 - Installation of new lighting rig
 - Installation of new scaffold structure for external banner

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STRIPPING OUT / PREPARATION WORKS

- A On completion of relevant areas of works allow for the removal of any temporary dust protection measures to service voids and other openings that have been installed as part of the works. These items are only to be removed once all works are complete or to allow for relevant works to that area to take place. Dust protection should be maintained at all times where possible to ensure no migration of dust to other gallery areas around the museum.
- B Any loose items etc that remain in gallery spaces are to be set aside and stored in safe area agreed with the CA.
- C Isolation of any temporary supplies etc as deemed required to undertake the proposed works.
- D Allow for full protection of any fixed items that are not to be removed for the duration of the works
- E Ensure any fire alarm sensors are protected and isolated if required prior to commencing the works and are in place for the full duration of the works. Any sensors that are deemed to be capped off must be uncapped at the end of each working day unless otherwise agreed with CA and NML.
- F Allowance to be made for the temporary removal and for re-fixing any electrical cables / service cables that are deemed required to undertake the below works.

Item

Flooring – Temporary Exhibition Gallery

- G Carefully remove an existing section of the carpet tile flooring coverings; trims etc; to the proposed areas as below and allow for handing the carpet tiles over to NML for storage. The existing sub floor is to be cleaned and prepared ready to receive new floor covering. Area is indicated on drawing 6486 – 05
- H Allowance to be made for trimming back the existing flooring around the perimeter of the introduction area and where new walls are to be formed.

Item

Item

Section 3 Schedule of Works

A Introduction Area – Approx. 55m2 Item

Flooring – Main Atrium Area

B Allow for the install only of new floor tiles to the areas where the existing plinths in the main atrium area have been removed. The area will need to be fully prepped and the tiles will need to be cut and laid with the pattern of the existing floor maintained and matched. The area of flooring to be laid is approx. 2m2 in total. Item

C Allow for all necessary floor tile adhesive and coloured grouting to match that of the existing. Item

D **NOTE:** NML have the tiles and these will be supplied to the contractor FOC. Item

Large Wall Mounted ‘Sock’ To Main Atrium

E Allow for the carefully removal of the existing large multi coloured wall mounted ‘sock’ housed within the main atrium area of the Museum. Item

F The ‘Sock’ is approx. 4 stories high and made of fabric fixed to box section metal framing and timber battens which are in turn fixed to the wall. Item

G All fabric, support structure and fixings and fixtures to the wall are to be fully removed and discarded of from site. Item

H These works will need to be programmed in with NML as these removal works cannot take place during normal operation hours and must be priced for, for being carried out of hours. Item

J The large ‘Sock’ has strip lighting fixed to the wall inside that illuminates the fabric of the ‘Sock’ (approx. 10no.) and the lights are also to be fully stripped out as part of the works and for all cabling, cable tray, drivers etc and cabling to be stripped fully back to the DB board where fed from. Item

Section 3 Schedule of Works

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| A | Once the 'Sock' has been removed and whilst access is still available all making good to fixing holes to the existing walls will need to be undertaken. These works will include for filling holes to mortar/brick with suitable mortar that matches the existing finishes in all aspects with regards to colour, texture etc. | Item |
| B | NOTE: Please note as an appendix to the schedule photos have been attached of the 'Sock' and its construction to assist in pricing for these works. | Item |

Floor Mounted Plinths to Main Atrium

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| C | Allow for the carefully removal of 2no. existing floor mounted plinths to either side of the main staircase in the main atrium area as indicated on drawing 6486 – 07. | Item |
| D | The plinths are approx. 500mm high x 900mm long x 600mm wide and have a MDF cladding cover that will need to be removed. The actual plinths are to be broken out and completely removed from site. | Item |
| E | All associated fixings and fixtures securing the plinths to the floor are to be fully removed and discarded of from site. | Item |
| F | These works will need to be programmed in with NML as these removal works cannot take place during normal operation hours and must be priced for, for being carried out of hours. | Item |
| G | Once the plinths have been removed making good to the existing floor area will be required to ensure the floor is fully prepped ready to receive new floor tiles. Floor tiling allowed for elsewhere. | Item |

ASBESTOS WORKS

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| H | Allow the provisional sum of £2,500.00 (Two Thousand Five Hundred Pounds) to undertake any identified asbestos removal works as part of the overall works. | 2500 00 |
| J | Allow for MCD | Item |
| K | Allow for Overheads and Profit | Item |

Section 3 Schedule of Works

BUILDERS WORK – TEMPORARY EXHIBITION GALLERY

Timber Stud Partition Walls

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|---|--|------|
| A | Construct new stud partition walls to areas as indicated below and as per drawing 6486 – 01, 02 & 03 | Item |
| B | Temporary Exhibition Gallery – 150m2 | Item |
| C | William Brown Room – 104m2 | Item |
| D | Street – 47m2 | Item |
| E | AI Wall (Temp ex. Gallery area) – 45m2 | Item |
| F | All new walls to be constructed as below; | Item |
| G | AI Wall - Temp Ex. Gallery (Drawing 6486 – 03)
Supporting frames to be constructed using 75mm x 50mm CLS timber, allowing for sole plates to be securely fixed to the floor structure, uprights at 450mm centres with a head plate and intermediate noggins. New wall at to be 3mtrs and 500mm in depth. All walls securely fixed to each other and/or back to the main structural fabric of the building (masonry walls, columns etc) The contractor is to include for all necessary fixtures and fittings, additional supports around openings as deemed required to carry out the construction of the new partitions. | Item |
| H | Allowance must be made for additional timber supports, fixtures and fittings to allow the formation of the 4no. openings within the wall. This is to form the letters 'A' and 'I' and the 2no. circles. | Item |
| J | Timber stud framework to be clad using 12mm MDF board, close butted and securely fixed back to the timber frame. | Item |
| K | This wall is to have 4no. apertures cut out of it all as per the drawing and to form the letters 'A' and 'I' and also for the 2no. circles. | Item |

Section 3 Schedule of Works

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|---|---|------|
| A | Apertures to the letters 'A' and 'I' are to be lined with 12mm MDF for the full depth of the wall 500mm. | Item |
| B | Apertures for the 2no. circles are to be lined with plyboard of a suitable thickness (flexible) to enable the circles to be fully lined for the full depth of the wall 500mm. | Item |
| C | One side of the wall is to be over clad with 10mm thick mirrored acrylic (introduction area side) with the acrylic to be securely fixed back to the MDF. This is to the full elevation of the wall. | Item |
| D | Allow for filling of all joints and screw holes with suitable flexible filler in preparation for the boards to be decorated to one side only and to all aperture openings. | Item |
| E | <p>Temp Ex. And William Brown Room (Drawings 6486 – 01)</p> <p>Supporting frames to be constructed using 75mm x 50mm CLS timber, allowing for sole plates to be securely fixed to the floor structure, uprights at 450mm centres with a head plate and intermediate noggins. All walls at to be 3mtrs high to temp ex gallery and 3.4mtrs high to the WBR. All walls securely fixed to each other and/or back to the main structural fabric of the building (masonry walls, columns etc) The contractor is to include for all necessary fixtures and fittings, additional supports around openings as deemed required to carry out the construction of the new partitions.</p> | Item |
| F | Timber stud framework to be clad using 12mm MDF board, close butted and securely fixed back to the timber frame. | Item |
| G | Allow for filling of all joints and screw holes with suitable flexible filler in preparation for the boards to be decorated. | Item |

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|-----------------------------------|--|------|
| A | <p>Street Area (Drawing 6486 – 02)
 Supporting frames to be constructed using 75mm x 50mm CLS timber, allowing for sole plates to be securely fixed to the floor structure, uprights at 450mm centres with a head plate and intermediate noggins. New wall to be 2.7mtrs high (up to underside of ceiling). New wall to be securely fixed back to the main structural fabric of the building (masonry walls etc) The contractor is to include for all necessary fixture and fittings, additional supports around openings as deemed required to carry out the construction of the new partitions.</p> | Item |
| B | <p>Allow for forming small new enclosed hatch with lockable door in the wall to area as indicated on drawing 6486 - 02</p> | Item |
| C | <p>Allow for forming openings at high level to allow the existing wall vents to be brought forward into the new wall structure. Contractor to allow for new vent grilles in the face of the new wall (3no. approx. 1000mm x 250mm) that will receive paint finish.</p> | Item |
| D | <p>Allow for forming new MDF drop pelmet detail to head of new wall as indicated on drawing 6486 - 02 To house new LED strip lighting.</p> | |
| E | <p>Timber stud framework to be clad using 12mm MDF FR board, close butted and securely fixed back to the timber frame.</p> | Item |
| F | <p>Allow for filling of all joints and screw holes with suitable flexible filler in preparation for the boards to be decorated.</p> | Item |
| <p>Formation of Plinth</p> | | |
| G | <p>Allow for supply and install of 1no. new purpose made base plinth to house new artefact/exhibition piece as detailed on drawing 6486 – 06.</p> | Item |

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Internal Door & Frames

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|---|---|------|
| A | Supply and fix new solid core paint grade double door set and frame, with vision panels to be formed within new stud partition wall the following location.
Note: New doors to be solid core and not chipboard. | Item |
| B | 1no. double door set | Item |
| C | Door opening size to accommodate 926mm wide door leaves overall clear door opening size to be 1852mm. | Item |
| D | Allow for forming vision panel cut-outs within the above stated doors. Full length vision panels to match that in terms of design and sizes of existing doors around gallery. Glazing for vision panels is detailed within the section entitled Glazing. To match existing door apertures in all aspects. | Item |
| E | Provide and fix new softwood timber door frames and door linings to the above door opening. | Item |
| F | Allow for making adjustments, if required, to bottom edge of doors following installation of carpet/vinyl finishes and jointing strips. | Item |
| G | Allow for supply and fit of new 75mm pencil round architraves to the above door where new frames are to be fitted. Architraves to be fitted to both sides. | Item |

Door Ironmongery

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| H | Allow for supplying and fixing new ironmongery to above door. New ironmongery is to be supplied by a good quality Architectural Ironmongers such as Laidlaw or similar and prior approved by CA. | Item |
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J Door Set

- 6No. ball bearing hinges to BSEN1935
- 2No. Pull Handle
- 2No. Push Plate
- 1No. euro cylinder key operated lock with thumb turn to gallery side.
- 2No. 150mm high kick plates.

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- 2No. Briton heavy duty overhead door closers.
- 2No. floor mounted door stops.

A Ensure all items above are installed all as manufacturers literature and guidance. Item

Glazing

B Provide and fix vision panel glazing to doors as indicated above. Vision panels to be clear Georgian wired glazing. Item

Floor Finishes

C Supply only new Forbo, Eternal Material, flooring to the following locations (Colour TBC) Item

D Introduction Area – Approx. 55m2 Item

E Allow for colour coded hot weld joints as deemed required. Item

F Allow for new self-levelling latex floor screed to whole areas of the proposed new flooring prior to laying new vinyl flooring. Item

G Allow here separately for laying the above vinyl floor covering. Item

H Allow for black rubber division strips at all changes of floor finishes. Item

J Allow for making good all existing disturbed floor coverings to match existing. Item

H Allow for the installation of previously set aside carpet tiles to various locations around the gallery space. NML will provide these carpet tile FOC and allowance for the install only. Allow for approx. 10m2 Item

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Ceiling Works

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|---|---|------|
| A | Allow the Defined Provision Sum of £11,000.00 for the undertaking necessary works to the existing fixed suspended ceiling grid system, for forming new openings, installation of new supports systems (suspension wires, Unistrut etc.) fixed back to the concrete soffit with resin anchor fixings and making good by infilling openings with MDF panels and painting black upon completion. | Item |
| B | Temporary Exhibition Gallery – Approx. 40no. Locations | Item |
| C | Allow for MCD | Item |
| D | Allow for overheads and profit. | Item |
| E | The above works are required to allow for projectors, exhibitions items etc to be hung and/or suspended from high level. | Item |

Wall Finishes / Decorations

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|---|---|------|
| A | Allow for the full decoration of the new and existing wall areas, timber work and metal work to all areas as drawings 6486 – 01, 02 & 03 and as detailed below. | Item |
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Decorations – Walls

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|---|---|------|
| B | Prepare all existing emulsion painted walls & newly prepared MDF walls ready for full decoration. | Item |
| C | Paint all wall areas up to ceiling height to the following locations and areas affected by the immediate works with minimum 2no. coats of Dulux acrylic eggshell (mist coats required to new MDF surfaces). Exact colour/s to be confirmed. | Item |
| D | Temporary Exhibition Gallery Space | Item |
| E | Link between Temp Ex. And William Brown Room | Item |
| F | William Brown Room | Item |
| G | 2 nd floor street level area | Item |

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Decorations – Joinery

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|---|---|------|
| A | Paint all new and existing softwood joinery work consisting of skirting boards, door leaves, door frames, architraves, boxing in etc and any other joinery works affected by the works with minimum 2no. coats of Dulux acrylic eggshell (undercoat required to new timber surfaces). Exact colour/s to be confirmed. | Item |
| B | Allow for full preparation of all surfaces as per manufactures guidelines and literature to all areas as indicated above. | Item |

Decorations – Metalwork

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|---|--|------|
| C | Paint all new and existing metalwork including any exposed pipe work etc and any other metal works affected by the works. Allow for full preparation of all surfaces as per manufactures guidelines and literature. Colour/s to be confirmed. To all areas as indicated above. | Item |
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Lighting Rig

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| D | Allow for the supply and install of new lighting rig structure to be installed within the William Brown Room as detailed on drawing 6486 – 04 and to be supplied by the below or other equal and approved specialist company. | Item |
| E | It will be the full responsibility of the specialist contractor to undertake the full design of the new lighting rig to ensure it is suitable to carry the proposed equipment as detailed on drawing 6486 – 08 and that fixings into the existing building fabric are also suitably designed. | Item |
| F | Employ the services of Taylor Stage Services (contact Michael Taylor – 07443 654266/01942 718347) to supply and install the new lighting rig system, or other equal and approved. | Item |

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External Scaffold Structure for Banner

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| A | Allow for the erecting new temporary scaffold structure to the front entrance of the World Museum Liverpool, which will form the structure for where new advertisement banners will be erected for the duration of the exhibition. The new structure is to be at high level above the main entrance doors leading into the Museum. See drawings 6486 – 16 & 17. | Item |
| B | It will be the responsibility of the chosen scaffolding company to provide full detailed design information and calculations for the proposed scaffold structure. | Item |
| C | The new scaffold will need to be dismantled and removed from site at the end of the exhibition (November 2020) and the contractor is to ensure that this is priced for as part of these works. | Item |
| D | There are 3no. existing metal grates that are housed within the 3no. openings where the scaffold is to be erected. The contractor must allow for the full removal of these items and for transporting to NML's storage facility on North Street in Liverpool. | Item |
| E | Upon closure of the exhibition and following the removal of the scaffold the contractor is to allow for returning to site and for the full re-fixing of the metal grates and for transportation from the temporary storage facility. | Item |
| F | Please see the attached details appended to this schedule of works in relation to the proposed location and previous scaffold structure erected during another temporary exhibition. | Item |

External Benches

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| G | Allow for undertaking the external cleaning (power washing) of the existing stone benches with suitable cleaning agents to either side of the entrance walkway leading into the World Museum Liverpool (2no. in total) prior to NML installing graphics. | Item |
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Structural Support to Bridge for Totem Pole

A	Allow the Defined Provision Sum of £5,000.00 for the supply and install of new steel structural support to fix and suspend the new totem pole from within the main atrium area. To include for all associated fixtures and fittings as per engineer's designs.		5000	00
B	Allow for MCD	Item		
C	Allow for overheads and profit.	Item		

Electrical works and data installation works.

D	It is the responsibility for the electrical contractor to check the current capacities and determine whether additional upgrades, boards etc are required to enable the below proposed works to be undertaken. This to be undertaken at tender stage and CA to be made aware of any requirements during this period.	Item		
E	All electrical services to be fully designed and undertaken by NICEIC Approved contractors and in accordance with the current IEE Wiring 18th Edition Regulations, self certified for the requirements of new, alterations or additions.	Item		
	The Contractor is to provide a building regulation and CIBSE compliant design and installation for lighting and small power.	Item		
	Prior to commencing works on site the contractor is to provide design drawings and calculations for the lighting and small power for approval by NML and Cunliffes. All items within the design that require regular maintenance should be clearly identified and suitable provision provided within the design to allow safe and easy access to undertake any maintenance works.	Item		
	A full set of as built information and O&M manuals are to be provided on completion.	Item		

Section 3 Schedule of Works

Light Fittings (Existing)

- A Contractor to allow to remove and reposition, align and adjust existing lighting through out the Temp Ex. Gallery space to suit the new gallery display requirements. Lights are currently installed on Euro Track 3 and will be repositioned, aligned and adjusted all upon the existing track. There is approx. 100no. existing fittings within the gallery space. Item

Light Fittings (New)

- B All luminaries are to be manufactured by approved lighting manufacturer. CA/NML are to approve lighting manufacturer and luminaire design prior to ordering fittings. All luminaries are to be LED. All lighting designs are to be fit for purpose and comply with the latest CIBSIE guidance. All lighting schemes should include emergency light fittings where required. Item
- C Allow the Defined Provision Sum of £9,500.00 for the supply and install of 60no. additional LED light fittings and light gels' suitable to fit and work in accordance with Euro Track 3. Fittings must be dimmable and controlled via the Museum's existing 'I' Light system. To be installed all as per manufactures details and guidance. New lights will match that previously installed. Item
- D Temporary Exhibition Gallery – 30no. Lights Item
- E William Brown Room – 30n. Lights Item
- F Allow for MCD Item
- G Allow for overheads and profit. Item
- H Contractor is to review the current emergency lights on gallery and ensure sufficient coverage across the below areas in line with current regulations. If deemed required contractor to allow for repositioning emergency lighting to suit the new gallery layout or if required provide new fittings. All as per manufactures details and guidance. Item
- J Temporary Exhibition Gallery Item

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A	William Brown Room	Item
B	Allowance to be made for the supply and install of approx. 60lin.m of new Euro Track 3 (black) to be fixed to underside of new lighting rig system in the William Brown Room to house and accommodate the 30no. new light fittings to be installed.	Item
C	New wiring in association with all of the above works carried out, if deemed required to be in PVC/PVC LSF, twin and earth cabling. All cabling to be above or at ceiling level to be suitably clipped or housed in cable trays. If additional cable trays/housing is deemed required this must be finished in black.	Item
D	Note: Any existing circuits that serve other areas shall be retained and modified to only serve the other areas as deemed necessary.	Item
Small Power		
E	All general electrical installations to be protected by MCB/RCBO in line with current IEE wiring 18th edition regulations.	Item
	The contractor is to provide full detailed designs for the location of power points within each area.	Item
	All areas are to be provided with a mixture of high and low-level sockets, cleaners sockets and sockets for Humidifiers. These are to be provided as initially indicated on drawings 6486 – 10 & 12.	Item
	On completion of the works the contractor is to undertake a witnessing and commissioning exercise with the CA and NML and demonstrate that access to maintainable items is afforded.	Item
F	Allow for supply and fit of suitably sized twin switched low-level socket outlets to be recessed in new stud partition wall to locations as indicated below and as per drawing 6486 – 10 & 12	Item

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A	Allow for the supply and fit of suitably sized twin switched low-level socket outlets to be recessed in existing walls to locations as indicated below and as per drawing 6486 – 10 & 12. Allow for chasing out of existing walls where required.	Item		
B	All existing ceiling mounted socket outlets are to be retained and utilised where applicable.	Item		
C	Allow provisional sum of £3,000.00 for the supply and install of additional high-level ceiling sockets that may be deemed to be required to ensure sufficient power outlets for all exhibition items.		3000	00
D	Allow for chasing out of the existing floor screed in 2no. locations approx. 5lin.m in total to the following areas, to allow for power to be provided to 2no. floor standing exhibition pieces. Allowance for suitable floor tray all cabling and for making good to the floor screed upon completion. As indicated on drawing 6486 – 12.	Item		
E	Temporary Exhibition Gallery Space – Approx. 2.5linm	Item		
F	William Brown Room – Approx. 2.5lin.m	Item		
G	Allow for reinstating full power provision to 5no. existing floor boxes within the main atrium area to the museum. Allowance to feed new cabling from existing DB board and install new power outlets as required. Locations indicated on drawing 6486 - 07	Item		
H	Allow for all new wiring in association with all of the above works carried out in PVC/PVC LSF, twin and earth cabling. All cabling where required to drop below ceiling level to be chased into existing walls and housed in suitable trunking or contained in suitable tray fixed to internals of new wall structures. All cabling above or at ceiling level to be suitably clipped or housed in cable trays.	Item		
J	Allow for all accessories, sockets etc. To be new MK range finish back boxes and black faceplates.	Item		

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| A | Any circuits that serve other areas shall be retained and modified to only serve the other areas as deemed necessary. | Item |
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Data Works | | |
| B | Employ the services of Insight, Bridle House, Bridle Way, Liverpool (contact 0844 846 3333) to supply and install the new data requirements to the gallery areas. | Item |
| C | The following is to be installed as part of the data requirements and as indicated on drawing 6486 – 11. | Item |
| | <ul style="list-style-type: none"> - 8 dual Cat6a data points totalling 16 cable runs - All cables to terminate in the comms cupboard as indicated on drawing - 24 port 6a rated patch panel to be supplied and fitted in existing cab - 1x Ms255-24P Cisco Meraki Switch supplied with license (spec sheet: https://meraki.cisco.com/lib/pdf/meraki_datasheet_ms_family.pdf) the 24 port model. | |
| D | Allowing for all final connections into face plates and panels/switches. | Item |
| E | The electrical trade contractor to include for testing of all systems installed upon completion of works and provide all relevant certification and commissioning etc. On completion of the works provide to the CA all NICEIC Electrical Installation Certificates, (emergency lighting etc) | Item |
| F | Allowance to be made here by electrical contractor for any upgrades to the existing power, lighting, data systems that is deemed to be necessary for the above proposed works to be undertaken and completed. Not to be priced against if existing systems deemed acceptable to accommodate the additional requirements. | Item |
| G | Allow for MCD | Item |
| H | Allow for overheads and profit. | Item |

Section 3
Schedule of Works

- A Allow for all builders' work and attendance. In particular allow for cutting chases, forming holes and making good.

Item

CONTINGENCY SUM

- B Allow the Contingency Sum of £5,000.00 (Five thousand Pounds) to be expended or deducted at the Contract Administrators discretion.

5,000 00

PRELIMINARIES

- C Allow for all necessary preliminary costs associated with all aspects of the proposed works and for the full duration of the proposed contract.

Per Week

- F Full breakdown of the preliminary costs are to be submitted on request from the CA.

Item

- G Allowance must be made for site compound set up for the full duration of the works.

Item

COLLECTION

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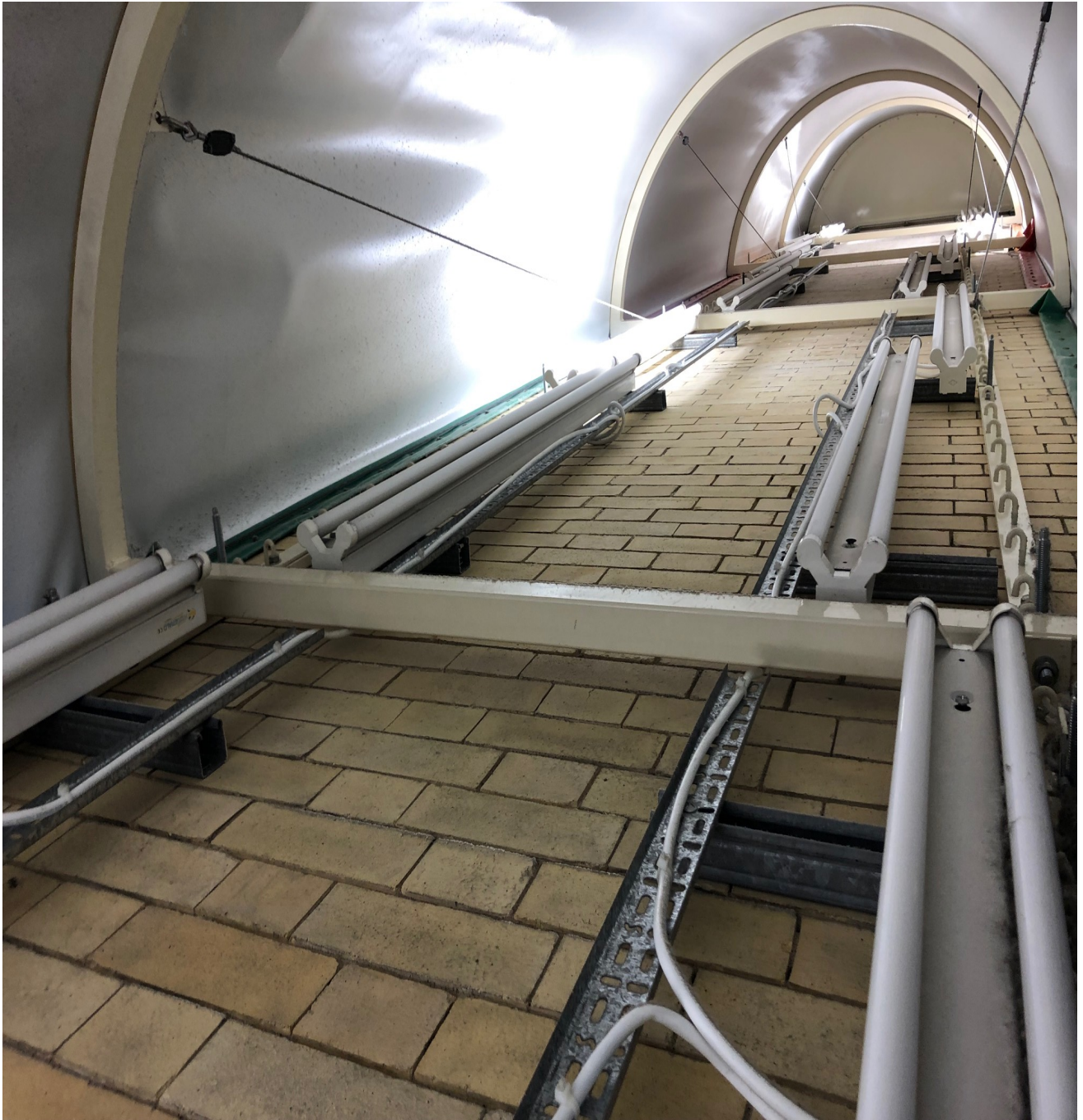
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Appendix – Atrium ‘Sock’ Photos









Appendix – External Scaffold Structure



