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| <b>BART.02 Bury Art Museum, Schedule of Works &amp; Stage 3 Specification</b>                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                      |
| <b>Issue 2 Amended following meeting of 12/8/23</b>                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                      |
| <b>REV - MEND grant 2023</b>                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                      |
| <b>To be read in conjunction with all drawings and specifications.</b>                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                      |
| <i>This schedule does not include reference to access, temporary works or other such general items other than in overall principles. The contractor will be deemed to have included for all access and temporary works necessary to undertake the works described (or implied) below.</i>                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                      |
| <i>This schedule does not constitute a specification. Where products are referenced they are to be installed in accordance with manufacturer's recommendations, instructions and relevant standards. Leadwork, Slating and other works to be undertaken and completed in accordance with British and European standards unless specifically stated otherwise.</i> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                      |
| <b>A. Preliminaries</b>                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                      |
| A.1                                                                                                                                                                                                                                                                                                                                                               | Allow for all welfare facilities and hoarding (See note below). Adequate secure space to be allowed for all on site storage (there is ample space around the building for necessary storage).                                                                                                                                                                                                                                                                                                                           |   |                      |
| A.2                                                                                                                                                                                                                                                                                                                                                               | The contractor shall be responsible for securing the building. One option would be to undertake the works to the various openings around the building at the outset to help secure the perimeter, but the contractor will need to make their own assessment and implement the necessary measures.                                                                                                                                                                                                                       |   |                      |
| A.3                                                                                                                                                                                                                                                                                                                                                               | Allow to protect all adjacent surfaces, from damage during works including adjacent bedrock, pathways adjacent walls etc.                                                                                                                                                                                                                                                                                                                                                                                               |   |                      |
| A.4                                                                                                                                                                                                                                                                                                                                                               | This Schedule of Work must be read in conjunction with the specification, preliminaries and drawings. Anything included herein, whilst not included in the specification and drawings, or anything included in the specification and drawings whilst not included herein, <b>shall be deemed to be included as part of the contract/tender sum.</b> The contractor is to include here for all costs in connection therewith (i.e. all works shown or implied on any of the tender documents).                           |   |                      |
| A.5                                                                                                                                                                                                                                                                                                                                                               | The contractor shall allow in his pricing for everything necessary to execute the whole of the works, temporary or permanent in accordance with the details and overall conception of the drawings and descriptions in the specification.                                                                                                                                                                                                                                                                               |   |                      |
| A.6                                                                                                                                                                                                                                                                                                                                                               | Reference should be made to the attached drawings whilst reading the specification and Schedule of Work.                                                                                                                                                                                                                                                                                                                                                                                                                |   |                      |
| A.7                                                                                                                                                                                                                                                                                                                                                               | Adequate protection shall be provided to all surfaces and structures in the vicinity of the work's, and the site generally, the works shall keep clear of the other protected structures (workshops, power house) unless directed otherwise by the CA. Hard landscaping features shall be removed, as necessary to execute the works and stored safely and replaced/made good on completion of the works. Provide suitable protection to surfaces before locating skips.                                                |   |                      |
| A.8                                                                                                                                                                                                                                                                                                                                                               | The contractor is to allow for producing a schedule of condition prior to starting works and a copy is to be handed to the CA within 14 days of commencement date to be kept on file in case of damage repair disputes.                                                                                                                                                                                                                                                                                                 |   |                      |
| A.9                                                                                                                                                                                                                                                                                                                                                               | Any damage will be made good to the satisfaction of the CA at any time it occurs due to non-protection.                                                                                                                                                                                                                                                                                                                                                                                                                 |   |                      |
| A.10                                                                                                                                                                                                                                                                                                                                                              | No claim for additional payment will be considered for work shown on the tender drawings but not specifically itemised in the Schedules of Work. If it is apparent that an item of work which appears in the Specification or on the Drawings is not listed as a separate or individual item, then the Contractor must raise this query at tender stage, when guidance can be given on whether or where such item should be priced.                                                                                     |   |                      |
| A.11                                                                                                                                                                                                                                                                                                                                                              | All items in the Schedule of work are deemed to include making good to retained structures and finishes and for disposal of materials off site.                                                                                                                                                                                                                                                                                                                                                                         |   |                      |
| A.12                                                                                                                                                                                                                                                                                                                                                              | Contractor to check all setting out, including levels, and dimensions prior to commencement of work.                                                                                                                                                                                                                                                                                                                                                                                                                    |   |                      |
| A.13                                                                                                                                                                                                                                                                                                                                                              | Contractor to bring to the attention of the CA any discrepancies between the Works and/or Specification immediately.                                                                                                                                                                                                                                                                                                                                                                                                    |   |                      |
| A.14                                                                                                                                                                                                                                                                                                                                                              | All materials, components and systems are to be installed in strict accordance to the manufacturers written recommendations and specifications.                                                                                                                                                                                                                                                                                                                                                                         |   |                      |
| A.15                                                                                                                                                                                                                                                                                                                                                              | It is essential that the Contractor visits the site during the tender period: failure to do so will not be a reason to claim lack of knowledge and cause to request the adjustment of rates.                                                                                                                                                                                                                                                                                                                            |   |                      |
| A.16                                                                                                                                                                                                                                                                                                                                                              | Contractor to be responsible for obtaining all necessary permits and licenses for skips, and disposal of wastes. (as necessary to position skips on highways / roads)                                                                                                                                                                                                                                                                                                                                                   |   |                      |
| A.17                                                                                                                                                                                                                                                                                                                                                              | Remove all surplus material/debris from site as work proceeds and keep the site clean, tidy and free from obstructions (refer any uncertainty regarding storage of salvaged/removed materials to CA for confirmation). Thoroughly clean the site and the works upon completion. Make good all damage consequent upon the work. Remove all temporary markings and protective coverings. Clean the works thoroughly inside and out, remove all splashes, deposits, efflorescence, rubbish and surplus materials.          |   |                      |
| A.18                                                                                                                                                                                                                                                                                                                                                              | The contractor will be responsible for Health and Safety and security during the works. Such as ensuring all excavations, demolitions etc are safe and clearly marked and the area is secure at the end of each day, and the like; ensuring nobody in or around the site can fall down any holes etc. Method statement will be required detailing the Health And Safety procedures. Contractor will act as the Main Contractor under the CDM regulations (2015). Read in conjunction with accompanying H&S information. |   |                      |
| A.19                                                                                                                                                                                                                                                                                                                                                              | Thoroughly clean the site and the works upon completion. Make good all damage consequent upon the work. Remove all temporary markings and protective coverings.                                                                                                                                                                                                                                                                                                                                                         |   |                      |
| A.20                                                                                                                                                                                                                                                                                                                                                              | <b>Note</b> There is no WC or services on site. Contractor to allow for provision of temporary toilet facilities as required.                                                                                                                                                                                                                                                                                                                                                                                           |   |                      |
| REF                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                      |
|                                                                                                                                                                                                                                                                                                                                                                   | <b>Quantity</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   | <b>NOTES</b>         |
| <b>1. Demolitions/Stripping Out</b>                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | £ |                      |
| <b>General</b>                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                      |
| 1.01                                                                                                                                                                                                                                                                                                                                                              | Carefully remove all timber 'duck' access boards (heavily decayed) rotten access ladders and the like, remove from site and thoroughly flush out gutters, outlets and rain-water pipes.                                                                                                                                                                                                                                                                                                                                 |   | ALL parapet gutters. |
| 1.02                                                                                                                                                                                                                                                                                                                                                              | Erect access scaffold (or propose alternative access means) as required to allow proposed work to be undertaken in a safe manner. Access scaffold to be designed to ensure that no load is applied to the existing structure, does not require to be tied to the existing structure to ensure its stability.                                                                                                                                                                                                            |   |                      |
| 1.03                                                                                                                                                                                                                                                                                                                                                              | Following removal of timber duck-boards thoroughly flush out with water, allow for inspection with the CA (Chambers Conservation).                                                                                                                                                                                                                                                                                                                                                                                      |   |                      |
|                                                                                                                                                                                                                                                                                                                                                                   | <b>Total for Section 1 (Demolitions/Stripping Out)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |                      |
| <b>2. Reinstatement and Repair Works.</b>                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                      |
| <b>ROOF</b>                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                      |
|                                                                                                                                                                                                                                                                                                                                                                   | The roof works are described on accompanying drawings which must be read in conjunction). The drawings are referenced in the accompanying issue sheet and referenced in the sections below. Drawings identifying Roof Areas, Rainwater Goods, windows etc are as follows:<br><br>- Windows and Door references (see floor plans)<br>- Roof areas - 001-01<br>- Roof detailed drawing references - 001-02<br>- Rainwater Goods - 010                                                                                     |   |                      |
|                                                                                                                                                                                                                                                                                                                                                                   | Works to internal faces of parapet walls etc are included in the 'Roof' section. Refer to Elevations for outward facing masonry.                                                                                                                                                                                                                                                                                                                                                                                        |   |                      |
| <b>1.1 GENERAL REQUIREMENTS</b>                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                      |
| 1.1.1                                                                                                                                                                                                                                                                                                                                                             | The final scope of works to each area shall be determined following the initial opening up.                                                                                                                                                                                                                                                                                                                                                                                                                             |   | all                  |
| 1.1.2                                                                                                                                                                                                                                                                                                                                                             | The contractor shall allow for temporary protection (it is assumed this will not take the form of a full temporary roof) in localised areas. The Collections will be removed from the areas below the works.                                                                                                                                                                                                                                                                                                            |   |                      |
| 1.1.3                                                                                                                                                                                                                                                                                                                                                             | The works shall be programmed to complete area below roof area 10/part 11 (current shop) first, to enable collection safe storage of collections in these areas during the remainder of the works.                                                                                                                                                                                                                                                                                                                      |   |                      |
| <b>1.2 Roof Access System</b>                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                      |
| 1.2.1                                                                                                                                                                                                                                                                                                                                                             | Provide new fall-arrest access system across <b>all roof areas</b> , with stepped access across ridges of roof areas 06, 07 and 11 (replacing existing). Allow for detailed design by specialist including assessment of roof loading, definition of fixing points in conjunction with Architect. Allow for lead flashings to fixing points and the like. Assumed latchways system with anchors and guides.                                                                                                             |   |                      |

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |           |                                               |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------|-----------------------------------------------|
| 1.2.2                                                    | Provide full working drawings of access system and liaise with CA in relation to statutory approvals and details (design to be completed during RIBA stage 4 in conjunction with specialist).                                                                                                                                                                                                                               |                                           |           |                                               |
| 1.2.3                                                    | Provide stainless steel anchor points (tested) to roof void of areas 10 and around lay-light.                                                                                                                                                                                                                                                                                                                               | 6 no. fixing points.                      |           |                                               |
| <b>1.3 ROOF AREA 01 (Over Staircase)</b>                 |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |           |                                               |
|                                                          | Refer to drawings BART.02/001, 002, 007, 008, 101-104                                                                                                                                                                                                                                                                                                                                                                       |                                           |           |                                               |
| 1.3.1                                                    | Following removal of duck boards review scope and details with CA.                                                                                                                                                                                                                                                                                                                                                          |                                           |           |                                               |
| 1.3.2                                                    | Allow to reinstate slipped slates using concealed 'Jenny twin' clips.                                                                                                                                                                                                                                                                                                                                                       | 6                                         |           |                                               |
| 1.3.3                                                    | Carefully lift gutter linings to south end (around outlet to RWP04). Inspect deck with CA. Allow for repair works.                                                                                                                                                                                                                                                                                                          |                                           | £500.00   |                                               |
| 1.3.4                                                    | Form new sump and outlet (with overflow) to (RWP 02) as detail drawing BART.02/008                                                                                                                                                                                                                                                                                                                                          |                                           |           |                                               |
| 1.3.5                                                    | Cut back metal gutter lining as shown on drawing 007/008.                                                                                                                                                                                                                                                                                                                                                                   | Allow 6 lin.m of gutter                   |           |                                               |
| 1.3.6                                                    | Cut out section of gutter base and form new catch-pit (RWP04), overflow and chute as drawings 103 & 104                                                                                                                                                                                                                                                                                                                     |                                           |           |                                               |
| 1.3.7                                                    | Reinstate zinc gutter lining (on existing substrate), dressing into new catch-pit.                                                                                                                                                                                                                                                                                                                                          |                                           |           |                                               |
| 1.3.8                                                    | Allow localised repointing to parapet walls of area 01.                                                                                                                                                                                                                                                                                                                                                                     | 5 sq.m                                    |           |                                               |
| <b>1.4 ROOF AREA 02 (Over ventilation shaft)</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |           |                                               |
| 1.4.1                                                    | No works.                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |           |                                               |
| <b>1.5 ROOF AREA 03 (Over stores/offices)</b>            |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |           |                                               |
|                                                          | Refer to drawings BART.02/006 and 011                                                                                                                                                                                                                                                                                                                                                                                       |                                           |           |                                               |
| 1.5.1                                                    | Carefully remove and replace broken concrete tiles (Marley Modern or similar).                                                                                                                                                                                                                                                                                                                                              | 3 no.                                     |           |                                               |
| 1.5.2                                                    | Reinstate missing code 4 lead soaker (north end)                                                                                                                                                                                                                                                                                                                                                                            | 1 no.                                     |           |                                               |
| 1.5.3                                                    | Carefully strip existing back gutter (Behind ventilation tower), including existing lining.                                                                                                                                                                                                                                                                                                                                 |                                           |           |                                               |
| 1.5.4                                                    | Re-form deck to create stepped back gutter as drawing (single drip).                                                                                                                                                                                                                                                                                                                                                        |                                           |           |                                               |
| 1.5.5                                                    | Allow to overlay new deck in code 6 lead, detailed as per LSA requirements, adjust flashings to suit.                                                                                                                                                                                                                                                                                                                       |                                           |           |                                               |
| 1.5.6                                                    | Remove section of 'flash-band' to abutment flashing (W), replace with code 5 lead flashing to match existing.                                                                                                                                                                                                                                                                                                               |                                           |           |                                               |
| 1.5.7                                                    | Allow localised repointing above flashing and to adjacent areas.                                                                                                                                                                                                                                                                                                                                                            | 5 sq.m                                    |           |                                               |
| 1.5.8                                                    | Remove small plants and allow localised repointing of CH02.                                                                                                                                                                                                                                                                                                                                                                 | 10 sq.m                                   |           |                                               |
| <b>1.6 ROOF AREA 04 &amp; 05 (Over stair/stores etc)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |           |                                               |
|                                                          | Refer to drawings BART.02/006 and 011                                                                                                                                                                                                                                                                                                                                                                                       |                                           |           |                                               |
| 1.6.1                                                    | Allow to reinstate slipped slates using concealed 'Jenny twin' clips.                                                                                                                                                                                                                                                                                                                                                       | 5                                         |           |                                               |
| 1.6.2                                                    | Carefully strip existing back gutter (adjacent to CH03), including existing lining.                                                                                                                                                                                                                                                                                                                                         |                                           |           |                                               |
| 1.6.3                                                    | Re-form deck to create stepped back gutter as drawing (single drip).                                                                                                                                                                                                                                                                                                                                                        |                                           |           |                                               |
| 1.6.4                                                    | Allow to overlay new deck in code 6 lead, detailed as per LSA requirements, adjust flashings to suit.                                                                                                                                                                                                                                                                                                                       |                                           |           |                                               |
| 1.6.5                                                    | Allow localised repointing above flashing around gutter (above roof area 03) and to adjacent areas as directed by CA.                                                                                                                                                                                                                                                                                                       | 8 sq.m                                    |           |                                               |
| <b>1.7 ROOF AREA 06</b>                                  |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |           |                                               |
|                                                          | Refer to drawings BART.02/002, 007, 012, 104, 601-619                                                                                                                                                                                                                                                                                                                                                                       |                                           |           |                                               |
|                                                          | NB drawings referenced above also cover valley and areas between area 06 and adjoining roof areas 07, 10, and 11.                                                                                                                                                                                                                                                                                                           |                                           |           |                                               |
| 1.7.1                                                    | Carefully lift existing all lead flashings around rooflight frames.                                                                                                                                                                                                                                                                                                                                                         |                                           |           |                                               |
| 1.7.2                                                    | Remove all existing aluminium rooflight frames including upper timber support section.                                                                                                                                                                                                                                                                                                                                      |                                           |           | Alternative.                                  |
| 1.7.3                                                    | Allow for localised repair works following removal.                                                                                                                                                                                                                                                                                                                                                                         |                                           | £500.00   |                                               |
| 1.7.4                                                    | Install new Standard Patent Glazing company Traditional double-glazed rooflights. In accordance with drawings and all as per manufacturer's instructions, secured to existing timber work and over lead apron flashings.                                                                                                                                                                                                    |                                           |           |                                               |
| 1.7.5                                                    | Re-dress lead flashings over new rooflights.                                                                                                                                                                                                                                                                                                                                                                                |                                           |           |                                               |
| 1.7.6                                                    | To eastern gutter carefully remove existing lead flashing. Allow to provide new code 5 lead flashing, in accordance with LSA details, retained with lead wedges into a new chase at higher level.                                                                                                                                                                                                                           | 200mm high, full length (approx 20 lin.m) |           |                                               |
| 1.7.7                                                    | Cut back metal gutter lining as shown on drawing 618.                                                                                                                                                                                                                                                                                                                                                                       |                                           |           |                                               |
| 1.7.8                                                    | Cut out section of gutter base and form new catch-pit (RWP08), overflow and chute as drawing 618 & 104 (standard chute                                                                                                                                                                                                                                                                                                      |                                           |           |                                               |
| 1.7.9                                                    | Carefully lift existing lead cover flashings (below rooflights and to valleys) to allow removal of zinc gutter lining below. Carefully remove zinc gutter linings to Gutter between area 06, 11 and 10. Allow for inspection of sub-structure with CA.                                                                                                                                                                      |                                           |           |                                               |
| 1.7.10                                                   | Allow for repairs to supporting roof structure below RL 05/06 (below area noted above). Refer to drawings 616 and 617.<br>- Splice repair to valley beam (230 x 150 x 600mm). Reinstate to match existing, wrapping end in DPC where it enters wall.<br>- Splice repair to decayed joist (1 no) 75 x 50 x 500mm.<br>- Renew areas of gutter boarding which are rot-affected. Allow 140mm wide boards, 22mm thick - 0.5sq.m. |                                           |           |                                               |
| 1.7.11                                                   | Carefully lift/strip upper gutter lining and stepped detail/upstand to valley junction between 06, 07 and 10 (see drawing 605, 614 and associated sections/details) and flashings to adjacent gable wall (gable of roof area 10). Allow for inspection by CA.                                                                                                                                                               |                                           |           |                                               |
| 1.7.12                                                   | Allow for repairs to linings to timber gutter linings to areas noted above.                                                                                                                                                                                                                                                                                                                                                 |                                           | £500.00   |                                               |
| 1.7.13                                                   | Lay new code 6 lead gutter between roofs 06 and 10 (extending to area adjacent to roof 07) as per drawings 613, 614, 615                                                                                                                                                                                                                                                                                                    |                                           |           |                                               |
| 1.7.14                                                   | Adjust sub-structure to suit new configuration to stepped junction as indicated on drawing 614, 615, 619. Overlay with new leadwork (code 6) as shown, including new flashings and cladding (replacing flashings to gable wall of roof area 10). Single section of new zinc sheet roofing, welded joint to existing as noted.                                                                                               |                                           |           |                                               |
| 1.7.15                                                   | Cut back metal gutter lining as shown on drawing 618 (for outlet to RWP 09).                                                                                                                                                                                                                                                                                                                                                |                                           |           |                                               |
| 1.7.16                                                   | Cut out section of gutter base and form new catch-pit (RWP09), overflow and chute as drawing 618 & 104 (standard chute                                                                                                                                                                                                                                                                                                      |                                           |           |                                               |
| 1.7.17                                                   | Allowance for repairs to upstand (currently concealed/unable to assess)                                                                                                                                                                                                                                                                                                                                                     |                                           | £500.00   |                                               |
| 1.7.18                                                   | Allowance for repairs to gutter where concealed                                                                                                                                                                                                                                                                                                                                                                             |                                           | £500.00   |                                               |
| <b>1.8 ROOF AREA 07</b>                                  |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |           |                                               |
|                                                          | Refer to drawings BART.02/004, 012, 104, 605-609, 610, 611, 614, 615, 618 & 619                                                                                                                                                                                                                                                                                                                                             |                                           |           |                                               |
|                                                          | NB drawings referenced above also cover valley and areas between area 07 and adjoining roof areas. Details are generally same as Area 06, but mirrored (Not drawn separately).                                                                                                                                                                                                                                              |                                           |           |                                               |
| 1.8.1                                                    | Carefully lift existing all lead flashings around rooflight frames.                                                                                                                                                                                                                                                                                                                                                         |                                           |           |                                               |
| 1.8.2                                                    | Remove all existing aluminium rooflight frames including upper timber support section.                                                                                                                                                                                                                                                                                                                                      |                                           |           |                                               |
| 1.8.3                                                    | Allow for localised repair works following removal.                                                                                                                                                                                                                                                                                                                                                                         |                                           |           |                                               |
| 1.8.4                                                    | Install new Standard Patent Glazing company Traditional double-glazed rooflights. In accordance with drawings and all as per manufacturer's instructions, secured to existing timber work and over lead apron flashings.                                                                                                                                                                                                    |                                           |           |                                               |
| 1.8.5                                                    | Re-dress lead flashings over new rooflights.                                                                                                                                                                                                                                                                                                                                                                                |                                           |           |                                               |
| 1.8.6                                                    | Carefully lift/strip upper gutter lining and stepped detail/upstand to valley junction between 07, 09 and 10 (see drawing 605, 614 and associated sections/details) and flashings to adjacent gable wall (gable of roof area 10). Allow for inspection by CA.<br>NB Details same as drawn for area 06, but mirrored                                                                                                         |                                           |           |                                               |
| 1.8.7                                                    | Adjust sub-structure to suit new configuration to stepped junction as indicated on drawing 614, 615, 619. Overlay with new leadwork (code 6) as shown, including new flashings and cladding (replacing flashings to gable wall of roof area 10). Single section of new zinc sheet roofing, welded joint to existing as noted.                                                                                               |                                           |           |                                               |
| 1.8.8                                                    | To western gutter carefully remove existing lead flashing. Allow to provide new code 5 lead flashing, in accordance with LSA details, retained with lead wedges into a new chase at higher level.                                                                                                                                                                                                                           | 200mm high, 10 lin.m.                     |           |                                               |
| 1.8.9                                                    | Allow for repairs to linings to timber gutter linings to areas noted above.                                                                                                                                                                                                                                                                                                                                                 |                                           | £500.00   |                                               |
| 1.8.10                                                   | Allowance for repairs to upstand (currently concealed/unable to assess)                                                                                                                                                                                                                                                                                                                                                     |                                           | £500.00   |                                               |
| 1.8.11                                                   | Cut back metal gutter lining as shown on drawing 618 (for outlet to RWP 10).                                                                                                                                                                                                                                                                                                                                                |                                           |           |                                               |
| 1.8.12                                                   | Cut out section of gutter base and form new catch-pit (RWP12), overflow and chute as drawing 618 & 104 (standard chute                                                                                                                                                                                                                                                                                                      |                                           |           |                                               |
| 1.8.13                                                   | Repoint parapet, and molten lead to coping stones                                                                                                                                                                                                                                                                                                                                                                           | 5 sq.m                                    |           | Hot lime pointing and molten lead to copings. |
| <b>1.9 ROOF AREA 08</b>                                  |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |           |                                               |
|                                                          | Refer to drawings BART.02/003 & 801-807                                                                                                                                                                                                                                                                                                                                                                                     |                                           |           |                                               |
|                                                          | NB drawings referenced above also adjoin area 09/11 (see below).                                                                                                                                                                                                                                                                                                                                                            |                                           |           |                                               |
| 1.9.1                                                    | Carefully lift existing all lead flashings around rooflight frames.                                                                                                                                                                                                                                                                                                                                                         |                                           |           |                                               |
| 1.9.2                                                    | Remove all existing aluminium rooflight frames including upper timber support section.                                                                                                                                                                                                                                                                                                                                      |                                           |           |                                               |
| 1.9.3                                                    | Allow for localised repair works following removal.                                                                                                                                                                                                                                                                                                                                                                         |                                           |           |                                               |
| 1.9.4                                                    | Install new Standard Patent Glazing company Traditional double-glazed rooflights. In accordance with drawings and all as per manufacturer's instructions, secured to existing timber work and over lead apron flashings.                                                                                                                                                                                                    |                                           |           |                                               |
| 1.9.5                                                    | Re-dress lead flashings over new rooflights.                                                                                                                                                                                                                                                                                                                                                                                |                                           |           |                                               |
| 1.9.6                                                    | Carefully lift gutter linings to north end (around outlet to RWP11). Inspect deck with CA. Allow for repair works.                                                                                                                                                                                                                                                                                                          |                                           |           |                                               |
| 1.9.7                                                    | Form new sump and outlet (with overflow) to (RWP 11) as detail drawing BART.02/805.                                                                                                                                                                                                                                                                                                                                         |                                           |           |                                               |
| 1.9.8                                                    | Weld existing overflow with stone to match existing                                                                                                                                                                                                                                                                                                                                                                         | c. 50mm diameter x 400mm long             |           |                                               |
| 1.9.9                                                    | Carefully lift gutter linings to north gutter (around outlet to RWP12). Inspect deck with CA. Allow for repair works.                                                                                                                                                                                                                                                                                                       |                                           |           |                                               |
| 1.9.10                                                   | Form new sump and outlet (with overflow) to (RWP 12) as detail drawing BART.02/807.                                                                                                                                                                                                                                                                                                                                         |                                           |           |                                               |
| 1.9.11                                                   | Renew flashing to extended plinth (see 805) to south elevation.                                                                                                                                                                                                                                                                                                                                                             |                                           |           |                                               |
| 1.9.12                                                   | Allow to reinstate missing slate to match existing using concealed 'Jenny twin' clips.                                                                                                                                                                                                                                                                                                                                      | 1                                         |           |                                               |
| 1.9.13                                                   | Allowance for additional repairs to gutter where concealed by duck-boards                                                                                                                                                                                                                                                                                                                                                   |                                           | £1,000.00 |                                               |
| 1.9.14                                                   | Molten lead to parapet coping joints                                                                                                                                                                                                                                                                                                                                                                                        |                                           |           |                                               |
| 1.9.15                                                   | Replace flashing to back of stone gable in lead, increase upstand to 150mm (into new chase)                                                                                                                                                                                                                                                                                                                                 |                                           |           |                                               |
| 1.9.16                                                   | Repoint parapet including re-bedding copings to ventilation shafts                                                                                                                                                                                                                                                                                                                                                          | 12 sq.m                                   |           |                                               |
| 1.9.17                                                   | Repoint top of pediment                                                                                                                                                                                                                                                                                                                                                                                                     | 5 sq.m                                    |           |                                               |
| 1.9.18                                                   | Lift and rebed cappings to ventilation shafts.                                                                                                                                                                                                                                                                                                                                                                              | 4                                         |           |                                               |
| <b>1.10 ROOF AREA 08A</b>                                |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |           |                                               |
| 1.10.1                                                   | Clear sump of debris and test.                                                                                                                                                                                                                                                                                                                                                                                              |                                           |           |                                               |
| <b>1.11 ROOF AREA 09</b>                                 |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |           |                                               |
|                                                          | Refer to drawings BART.02/003 & 802, 804, 806 & 901-902                                                                                                                                                                                                                                                                                                                                                                     |                                           |           |                                               |
|                                                          | NB drawings should be read in conjunction with those for area 08 also.                                                                                                                                                                                                                                                                                                                                                      |                                           |           |                                               |
| 1.11.1                                                   | Carefully lift existing all lead flashings around rooflight frames.                                                                                                                                                                                                                                                                                                                                                         |                                           |           |                                               |

|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                         |           |                                                 |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------|-------------------------------------------------|
| 1.11.2  | Remove all existing aluminium rooflight frames including upper timber support section.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                         |           |                                                 |
| 1.11.3  | Allow for localised repair works following removal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                         |           |                                                 |
| 1.11.4  | Install new Standard Patent Glazing company <i>Traditional</i> double-glazed rooflights. In accordance with drawings and all as per                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                         |           |                                                 |
| 1.11.5  | Re-dress lead flashings over new rooflights.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                         |           |                                                 |
| 1.11.6  | Carefully strip existing parapet gutter and flashings.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                         |           |                                                 |
| 1.11.7  | Treat existing cast-iron gutter with rust inhibitor and paint.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                         |           |                                                 |
| 1.11.8  | Overlay cast iron gutter and adjacent with new treated sw framework and over-boarding to formed stepped parapet gutter (see drawing 804 & 902)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                         |           |                                                 |
| 1.11.9  | Lay new stepped code 6 parapet gutter and new flashings, with new associated flashings to form chute onto roof area 08 gutter (see drawing 806)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                         |           |                                                 |
| 1.11.10 | Allow to report stonework to upstand and parapet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ALL                                     |           |                                                 |
|         | For other works to stone and stone balustrading see below.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                         |           |                                                 |
| 1.12    | <b>ROOF AREA 9A</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                         |           |                                                 |
| 1.12.1  | Clear roof of algal growth, moss etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                         |           | For inspection of asphalt roof below.           |
| 1.12.2  | Provisional allowance for repair following clearance (currently no access)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                         | £3,500.00 | Alternative.                                    |
| 1.12.3  | Renew rainwater connections (new gully and pipe to ground level on line of original)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                         |           | Lead pipe to match adjacent.                    |
| 1.13    | <b>ROOF AREA 10</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                         |           |                                                 |
|         | <b>Works to adjacent Valley Gutters covered in roof areas 06 and 07. See Relevant Drawings.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                         |           |                                                 |
| 1.13.1  | Carefully lift existing all lead flashings around rooflight frames.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                         |           |                                                 |
| 1.13.2  | Remove all existing aluminium rooflight frames including upper timber support section.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                         |           |                                                 |
| 1.13.3  | Allow for localised repair works following removal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                         |           |                                                 |
| 1.13.4  | Install new Standard Patent Glazing company <i>Traditional</i> double-glazed rooflights. In accordance with drawings and all as per manufacturer's instructions, secured to existing timber work and over lead apron flashings.                                                                                                                                                                                                                                                                                                                                                                                                                         |                                         |           |                                                 |
| 1.13.5  | Re-dress lead flashings over new rooflights.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                         |           |                                                 |
| 1.13.6  | Carefully lift/strip upper gutter lining and stepped detail/upstand to valley junction between 07, 09 and 10 (see drawing 605,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                         |           |                                                 |
| 1.13.7  | Allow to reinstate slipped slates using concealed 'Jenny twin' clips.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20                                      |           | New lead chutes into gutters to Area 08 and 11. |
| 1.13.8  | Provide new slates to match existing (where broken or missing) using concealed 'Jenny twin' clips.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10                                      |           |                                                 |
| 1.13.9  | Repoint gable in lime mortar above roof line.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | say 15 sq.m                             |           |                                                 |
| 1.13.10 | Allow for repairs to louvred vent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1                                       | £250.00   |                                                 |
| 1.13.11 | Redecoration to louvred vent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                         | £2,500.00 |                                                 |
| 1.13.12 | Repoint parapet, and mottlen lead to coping stones                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5 sq.m                                  |           |                                                 |
| 1.14    | <b>ROOF AREA 11</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                         |           |                                                 |
|         | <b>Refer to drawings BART.02/003 &amp; 802, 804, 806 &amp; 901-902</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                         |           |                                                 |
|         | NB Northern gutter is not safely accessible, therefore provisional quantities are included. Junction/valley with Roof area 06 and 10 are covered in those sections. Detail of valley adjoining area 09 covered below.                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                         |           |                                                 |
| 1.14.1  | Carefully lift existing all lead flashings around rooflight frames.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                         |           |                                                 |
| 1.14.2  | Remove all existing aluminium rooflight frames including upper timber support section.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                         |           |                                                 |
| 1.14.3  | Allow for localised repair works following removal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                         |           |                                                 |
| 1.14.4  | Install new Standard Patent Glazing company <i>Traditional</i> double-glazed rooflights. In accordance with drawings and all as per manufacturer's instructions, secured to existing timber work and over lead apron flashings.                                                                                                                                                                                                                                                                                                                                                                                                                         |                                         |           |                                                 |
| 1.14.5  | Re-dress lead flashings over new rooflights.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                         |           |                                                 |
| 1.14.6  | Carefully lift gutter linings to north gutter (around outlet to RWP12). Inspect deck with CA. Allow for repair works.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                         |           |                                                 |
| 1.14.7  | Form new sump and outlet (with overflow) to (RWP 12) as detail drawing BART.02/807. (detail same, but reversed).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5                                       |           |                                                 |
| 1.14.8  | Allow to reinstate missing slate to match existing using concealed 'Jenny twin' clips.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                         | £7,500.00 |                                                 |
| 1.14.9  | Allowance for repairs where not accessed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                         |           |                                                 |
| 1.14.10 | Molten lead to parapet/pediment coping joints                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                         |           |                                                 |
| 1.14.11 | Replace flashing to back of stone gable in lead, increase upstand to 150mm (into new chase)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                         |           |                                                 |
| 1.14.12 | Repoint parapet and gable (rear and top of pediment).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                         |           |                                                 |
| 1.15    | <b>ROOF AREA 11A</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                         |           |                                                 |
| 1.15.1  | Clear sump of debris and test.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                         |           |                                                 |
| 1.16    | <b>ROOF AREA 12</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                         |           |                                                 |
|         | <b>Refer to drawings BART.02/1201 &amp; 1202</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                         |           |                                                 |
| 1.16.1  | Clear roof of algal growth, moss etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                         |           |                                                 |
| 1.16.2  | Allow for inspection of existing asphalt roof with CA and opening up around outlet.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                         |           |                                                 |
| 1.16.3  | Allowance for reconfiguration to outlet including overflow.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                         |           |                                                 |
| 1.16.4  | New mastic-asphalt roof over existing in accordance with detail and manufacturer's specifications.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                         |           |                                                 |
| 1.16.5  | Provision of new lead cover flashings to perimeter, over asphalt, blocking course/coping and extending over cornice as drawing 1202.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                         |           |                                                 |
| 1.16.6  | Re-dress existing abutment flashings over new roof covering.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                         |           |                                                 |
| 1.17    | <b>RAINWATER GOODS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                         |           |                                                 |
| 1.17.1  | New lead chutes and overflows are referenced in individual roof areas. This section covers repairs to and new hoppers and rainwater goods.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                         |           |                                                 |
|         | Unless stated, new Iron Rainwater goods to be sourced from:<br><br><b>J&amp;JW Longbottom</b><br>Bridge Foundries,<br>Bridge Ln,<br>Holmfirth<br>HD9 7AW<br><br>or<br><br><b>Hargreaves Foundry</b><br>Water Lane,<br>Hallfax,<br>West Yorkshire,<br>HX3 9HG<br>Telephone: 01422 330607<br>Fax: 01422 320349<br>Email: info@hargreavesfoundry.co.uk                                                                                                                                                                                                                                                                                                     |                                         |           |                                                 |
|         | <b>General Scope of Works</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                         |           |                                                 |
| 1.17.3  | Inspect with CA set aside guttering and downpipes for freeze-thaw cracks and other defects. Agree scope for repair or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                         |           |                                                 |
| 1.17.4  | Note: Gutter and Pipe profiles, unless stated otherwise, are to match the existing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                         |           |                                                 |
| 1.17.5  | Provide samples of proposed rainwater goods for approval by CA prior to order. All dimensions and configurations to be checked on site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                         |           |                                                 |
| 1.17.1  | Repair damage to RWP01 (lead) near ground level. Allow to work back into shape and lead-weld small area over damaged section (say 100 x 250mm).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                         |           |                                                 |
| 1.17.3  | Re-route waste pipes into adjacent SVP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Provisional allowance subject to access | £1,000.00 |                                                 |
| 1.17.4  | Renew RWP 03: New Hopper (rectangular, plain) 305 x 250 x 200 and 4" eared pipe (full height), sealed connection to ground.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Approx height 8m                        |           |                                                 |
| 1.17.5  | Renew RWP 04 in iron with increased capacity New Hopper (rectangular, plain) 305 x 250 x 200 and 4" eared pipe (full height), shoe discharge onto Roof Area 02.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Approx height 6m                        |           |                                                 |
| 1.17.6  | Renew RWP 05 and guttering in iron with increased capacity. OG gutter (with stop-ends and outlet) 4". 3" round pipe with ears and shoe discharging onto roof area 03.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Approx height 5m                        |           |                                                 |
| 1.17.7  | RWP06, repair joints (as above), redecorate, including gutter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                         |           |                                                 |
| 1.17.8  | RWP07, repair joints (as above), redecorate, including gutter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                         |           |                                                 |
| 1.17.9  | Allowance for high-level repair around gutter 07.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                         | £500.00   | Alternative.                                    |
| 1.17.10 | Renew RWP 08: New Hopper (rectangular, plain) 305 x 250 x 200 and 5" eared pipe (full height), off set (say 1m) around buttress, shoe to existing drain at low level.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Approx height 15m                       |           |                                                 |
| 1.17.11 | Renew RWP 09: New Hopper (rectangular, plain) 305 x 250 x 200 and 5" eared pipe (full height), off set (say 1m) around buttress, shoe to existing drain at low level.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Approx height 15m                       |           |                                                 |
| 1.17.12 | Renew RWP 10: New Hopper (rectangular, plain) 305 x 250 x 200 and 5" eared pipe (full height), off set (say 1m) around buttress, shoe to existing drain at low level.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Approx height 15m                       |           |                                                 |
| 1.17.13 | Renew RWP 11: New Hopper (rectangular, plain) 305 x 250 x 200 and 5" eared pipe (full height), shoe to existing drain at low level.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Approx height 15m                       |           |                                                 |
| 1.17.14 | Allowance for repairs to RWPs 12 & 13 (inaccessible at high-level)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                         | £1,500.00 |                                                 |
| 1.17.15 | Repair damage to RWP14 (lead) near ground level. Allow to work back into shape and lead-weld small area over damaged section (say 200 x 250mm).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                         |           |                                                 |
|         | <b>Fixing Decoration and Finishing of CI Rainwater Systems (and other metalwork).</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                         |           |                                                 |
|         | Allow for all loose paint to be removed from the existing using a scrapper prior to thoroughly cleaning with a wire brush followed by rubbing down by hand with wet and dry abrasive paper of increasing grade (initially P100, P120 and finally P180). Work to be carried out using hand tools rather than power driven hand tools. All dust, grease or oil are to be removed by wiping down with a damp cloth and the application of suitable oil and grease remover which should be applied and residues removed in accordance with manufacturer's instructions. Follow all relevant safety guidelines for the removal of (potentially) lead paints. |                                         |           |                                                 |
|         | Allow to fix new gutter brackets in original previously recorded positions using suitably sized stainless-steel fixings (austentic, grade 316, painted to match gutter/RWP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                         |           |                                                 |

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                           |           |                                 |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------|---------------------------------|
|             | Allow to carefully lift into place the gutter sections and re-fix in place. Use Hydrostrip gutter sealing kit/system at joints between gutter sections, bends and outlet.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                           |           |                                 |
|             | Allow to carefully lift into place and re-fix the previously removed cast iron downpipes and shoe outlets. Allowing for hardwood bobbins as necessary. Fix using chemical anchors to manufacturer's recommendations.                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                           |           |                                 |
|             | Allow to test ALL gutters and downpipes for leaks, provide evidence to CA.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                           |           |                                 |
|             | Allow for all loose paint to be removed from the existing using a scraper prior to thoroughly cleaning with a wire brush followed by rubbing down by hand with wet and dry abrasive paper of increasing grade (initially P100, P120 and finally P180). Work to be carried out using hand tools rather than power driven hand tools. All dust, grease or oil are to be removed by wiping down with a damp cloth and the application of suitable oil and grease remover which should be applied and residues removed in accordance with manufacturer's instructions. Follow all relevant safety guidelines for the removal of (potentially) lead paints. |                                                           |           |                                 |
|             | Allow to finish all metal components with specialist paint as specification.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                           |           |                                 |
| <b>1.18</b> | <b>NORTH ELEVATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |           |                                 |
|             | Refer to drawings BART.02/009 and roof drawings 1201/1202 for Works to Portico                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                           |           |                                 |
| 1.18.1      | Lead weatherings to projecting cornices and string course (including high level pediments) as drawing 1201/1202.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                           |           |                                 |
| 1.18.2      | Doff clean to badly algal affected stonework to assess condition as noted on drawing 009 (cornice, entablature, blocking course, including returns).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                           |           |                                 |
| 1.18.3      | Allow for indent repairs to portico following roof repair as drawing 009.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Say 6 no. 500 x 300 x 300 (mouldings)                     |           | Only if and when roof repaired. |
| 1.18.4      | Allow for repointing works as indicated on drawing 009 to portico (INCLUDING RETURNS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           |           |                                 |
| 1.18.5      | Allow to deep-fill cracks and pin using stainless steel pins as indicated on drawing 009.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                           |           |                                 |
| 1.18.6      | Renew stone mullion between WL.G04 & 05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |           |                                 |
| <b>1.19</b> | <b>WEST ELEVATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           |           |                                 |
|             | Refer to drawings BART.02/009 for works at high-level.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |           |                                 |
| 1.19.2      | Doff clean to badly algal affected stonework to assess condition as noted on drawing 009 (cornice, entablature, blocking course, including returns).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | say 20 sq.m                                               |           |                                 |
| 1.19.3      | Repoint (also referenced in roof area 09) balustrade and cornice at high level.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 15 Sq.m                                                   |           |                                 |
| 1.19.4      | Replace friable and spalling stone balusters as identified on drawing 009.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 7 no.                                                     |           |                                 |
| 1.19.5      | Doff clean to badly algal affected stonework (low level) to assess condition.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | say 15 sq.m                                               |           |                                 |
| 1.19.6      | Allowance for further repair works.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                           | £1,500.00 |                                 |
| <b>1.20</b> | <b>SOUTH ELEVATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |           |                                 |
| 1.20.1      | Localised repointing in lime mortar once RWP's modified.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | say 20 sq.m                                               |           |                                 |
| <b>1.21</b> | <b>EAST ELEVATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           |           |                                 |
| 1.21.4      | Concrete repair to cill of WG034. Treat exposed reinforcement using rust inhibitor (Fertan or similar). Use proprietary repair mortar, building up in layers of no more than 25mm at a time (assume 3 layers). Product and mix to be agreed with CA.                                                                                                                                                                                                                                                                                                                                                                                                   | say 200 x 1100mm.                                         |           |                                 |
| 1.21.5      | Renew bitumen and provide cover flashing to perimeter of pavement light. Repair broken lenses, assume 4" x 4" (100 x 100mm) square glass lenses. Assume from (to be finally agreed with CA):<br><b>Nazeing Glass Works Limited</b><br>Nazeing New Road<br>Broxbourne<br>EN10 6SU<br><br>Tel: +44 (0)1992 464485<br><br>Email: sales@nazeing-glass.com                                                                                                                                                                                                                                                                                                  | say 20 lights                                             |           |                                 |
| 1.21.6      | Repointing to chimney stack CH03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | See roof area 03                                          |           | price in roof area 03           |
| 1.21.6      | Place in brick to corbelled detail to Roof Area 04 and 05.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Allow 15 no new bricks to match existing                  |           |                                 |
| 1.21.8      | Decorate timber louveres as M60.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6 no. Allow 1100 x 750                                    |           |                                 |
| <b>1.22</b> | <b>WINDOWS &amp; DOORS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                           |           |                                 |
|             | <b>Works to windows (where repairs identified):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                           |           |                                 |
|             | Carefully remove casements, hoppers etc from frames.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                           |           |                                 |
|             | Allow for further inspection by architect and final agreement of scope of repair works.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |           |                                 |
|             | Undertake joinery repairs to frame (in-situ) and casements (in workshop) as noted. Assume timber to be treated Douglas fir or southern-yellow pine.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                           |           |                                 |
|             | Re-glaze where required or identified.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |           |                                 |
|             | Prepare and redecorate as specification.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                           |           |                                 |
|             | Repoint between frame and stonework with traditional burnt-sand mastic (to match sandstone) where necessary. Make provisional allowance prior to provision of full access.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                           |           | £1,500.00                       |
|             | Ease and adjust in situ as necessary for smooth operation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                           |           |                                 |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                           |           |                                 |
|             | <b>Lower Ground</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                           |           |                                 |
| 1.22.1      | Prepare and redecorate (as M60) WL.G01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |           |                                 |
| 1.22.3      | Splice repair to WL.G03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Allow cill, full width (assume 150 x 75, profiled)        |           |                                 |
| 1.22.4      | Prepare and redecorate (as M60) WL.G02 & 03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                           |           |                                 |
| 1.22.5      | Repair cracked glass to WL.G04. Allow to cut out failed putty by hand, renew cracked glass to match existing (assume 4mm cylinder or similar).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                           |           |                                 |
| 1.22.6      | Splice repair to cill full width WL.G04 & 05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Allow cill, full width (assume 150 x 75, profiled)        |           |                                 |
| 1.22.7      | Prepare and redecorate (as M60) WL.G04 & 05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                           |           |                                 |
| 1.22.8      | Splice repair to WL.G06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Allow cill, full width (assume 150 x 75, profiled)        |           |                                 |
| 1.22.9      | Prepare and redecorate (as M60) WL.G06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |           |                                 |
| 1.22.10     | Prepare and redecorate (as M60) WL.G010-016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                           |           |                                 |
| 1.22.11     | Splice repairs to WL.G017-024 (full width of cills)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Allow 8 no cills, full width (assume 150 x 75, profiled)  |           |                                 |
| 1.22.12     | Prepare and redecorate (as M60) to WL.G017-024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                           |           |                                 |
| 1.22.13     | Prepare and redecorate (as M60) WL.G025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |           |                                 |
| 1.22.14     | Splice repairs to staircase windows                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Allow cill (3 no), full width (assume 170 x 75, profiled) |           |                                 |
| 1.22.15     | Splice repair to WL.G26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |           |                                 |
| 1.22.16     | Prepare and redecorate (as M60) WL.G026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |           |                                 |
| 1.22.17     | Prepare and redecorate (as M60) WL.G030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |           |                                 |
| 1.22.18     | Splice repair to WL.G031 & 032                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Allow cill, full width (assume 150 x 75, profiled)        |           |                                 |
| 1.22.19     | Prepare and redecorate (as M60) WL.G031 & 032                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                           |           |                                 |
| 1.22.20     | Prepare and redecorate (as M60) DL.G01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |           |                                 |
| 1.22.21     | Prepare and redecorate (as M60) DL.G02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |           |                                 |
| 1.22.22     | Splice repair to DL.G03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Bottom rail, full width. Allow 850 x 55 x 125mm           |           |                                 |
| 1.22.23     | Prepare and redecorate (as M60) DL.G03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |           |                                 |
| 1.22.24     | Splice repair to DL.G04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Bottom rail, full width. Allow 850 x 55 x 125mm           |           |                                 |
| 1.22.25     | Prepare and redecorate (as M60) DL.G04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |           |                                 |
| 1.22.26     | Prepare and redecorate (as M60) DL.G05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |           |                                 |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                           |           |                                 |
|             | <b>Ground Floor</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                           |           |                                 |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                           |           |                                 |
| 1.22.28     | Prepare and redecorate (as M60) WG01-04 and 01A-04A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                           |           |                                 |
| 1.22.29     | Prepare and redecorate (as M60) WG05 & 06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                           |           |                                 |
| 1.22.30     | Prepare and redecorate (as M60) WG07-014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                           |           |                                 |
| 1.22.31     | Prepare and redecorate (as M60) WG15-018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                           |           |                                 |
| 1.22.32     | Splice repair to Cill WG030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Allow cill, full width (assume 150 x 75, profiled)        |           |                                 |
| 1.22.33     | Prepare and redecorate (as M60) WG030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           |           |                                 |
| 1.22.34     | Splice repair to Cill WG031                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Allow cill, full width (assume 150 x 75, profiled)        |           |                                 |
| 1.22.35     | Prepare and redecorate (as M60) WG031                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           |           |                                 |
| 1.22.36     | Splice repair to Cill WG033-36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Allow cill (3 no), full width (assume 170 x 75, profiled) |           |                                 |
| 1.22.37     | Prepare and redecorate (as M60) WG033-37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                           |           |                                 |
| 1.22.38     | Prepare and redecorate (as M60) WG037                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           |           |                                 |
| 1.22.39     | Repolish Entrance Door DG01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                           |           |                                 |
| 1.22.40     | Prepare and redecorate (as M60/117) protective gates to DG01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                           |           |                                 |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                           |           |                                 |
|             | <b>First Floor</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                           |           |                                 |
| 1.22.41     | Prepare and redecorate (as M60) WF01-04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |           |                                 |
| 1.22.42     | Prepare and redecorate (as M60) WF05-10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |           |                                 |
| 1.22.43     | Renew glass to WF13. Allow to cut out failed putty by hand, renew cracked glass to match existing (assume 4mm cylinder or similar agreed with CA).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                           |           |                                 |
| 1.22.44     | Prepare and redecorate (as M60) WF13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                           |           |                                 |
| 1.22.45     | WF14 remove inner louvered window. Make good linings. Decorate as M60.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |           |                                 |
| 1.22.46     | Prepare and redecorate (as M60) WF14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                           |           |                                 |
| <b>1.23</b> | <b>EXTERNAL WORKS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           |           |                                 |
| 1.23.3      | Reconstruct gate piers, treat metalwork and reassemble in lime mortar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           |           |                                 |
| 1.23.4      | Decorate Gates, scrollwork etc in specialist metal paint and primer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                           |           |                                 |
| 1.23.5      | Clear Concrete and improve drainage.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                           |           |                                 |
| 1.23.6      | Treat and redecorate balustrading to Museum entrance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Allow 3 no new balusters.                                 |           |                                 |
| 1.23.7      | Reconstruct gate piers, treat metalwork and reassemble in lime mortar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           |           |                                 |
| 1.23.8      | Decorate Gates, scrollwork including lanterns etc in specialist metal paint and primer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |           |                                 |
| 1.23.9      | Treat and redecorate balustrading to entrance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Allow 5 no new balusters.                                 |           |                                 |

