



GOVERNMENT OF BERMUDA

**Ministry of Public Works
Department of Public Lands and Buildings**

**WINDOW INSTALLATION
SPECIFICATION**

Between the Owner: Public Works
Public Lands & Buildings
2 Aeolia Drive Devonshire DV05
Bermuda
441-292-8485

And the Contractor: TBC

For the Project: The Sessions House (House of Assembly)
Parliament Street
Hamilton
HM12

Building #: 0412

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DIVISION 01. GENERAL REQUIREMENTS

01500 - Temporary Facilities and Controls

This work shall consist of the application of temporary measures throughout the life of the project.

01510 - Temporary Utilities

All connections and extensions required to provide temporary utilities shall be made by the Contractor at the Contractor's expense.

01511 - Temporary Electricity

Contractor is to connect to existing power service without disrupting local service requirements.

01518 - Temporary Water

Contractor is to connect to an existing water source for construction operations.

01523 - Sanitary Facilities

The Contractor will be able to use the existing sanitary facilities, which he shall maintain in a neat and sanitary condition.

01530 - Temporary Construction

The contractor shall provide and maintain for duration of work all required temporary stairs, ladders, ramps, runways and hoists for use of all trades.

01540 - Construction Aides

The contractor to provide all construction aids needed during construction.

01542 - Construction Scaffolding and Platforms

The Owner shall provide and maintain for duration of work all required (external) 'Independent tied' scaffold. The Contractor shall provide and maintain for duration of work all required (internal) temporary standing scaffolding.

01550 - Vehicular Access and Parking

The contractor may need to obtain parking permits as necessary to accommodate construction personnel.

01560 - Temporary Barriers and Enclosures

The contractor shall provide barriers to prevent unauthorized entry into construction areas and to protect existing facilities and adjacent properties from damage from construction operations. Install barricades and covered walkways required by governing authorities for public right of ways.

01600 - Product Requirements (Scope of Work)

All materials shall be installed in strict accordance with the manufacturer's written specifications or Material's Institute Standards. Where the manufacturer's recommended details are used, the Manufacturer shall be responsible for the performance of their product. All Items not specifically mentioned that are required to make the work complete and operational shall be included.

Installation and Storage - All materials, supplies and equipment shall be supplied per manufacturer's recommendations and per applicable codes and requirements. Material stored on site shall be protected from damage by moisture, wind, sun, abuse or any other harmful effects.

01700 - Execution Requirements

The execution of all work shall be in strict accordance with these specifications and manufacturer's written specifications or Material's Institute Standards. Where the manufacturer's recommended details are used, the manufacturer shall be responsible for the performance of their product. All work not specifically mentioned that is required to make the work complete and operational shall be included.

Codes - Construction shall comply with all applicable building codes. It is the responsibility of the Contractor to ensure compliance with said codes and modify the specifications as needed to comply with such codes.

Measurements - The Contractor shall check and verify all dimensions and conditions before proceeding with construction.

Workmanship - Workmanship shall conform to the best and highest standards of quality in each trade and shall include all items of fabrication, construction and installation. Skilled tradesmen and mechanics shall complete all work. Installation of all equipment and materials shall be in strict accordance with manufacturer's recommendations.

Insurance - the contractor shall maintain Builders Risk Insurance during the course of construction until final acceptance by the owner. All bonding and insurance requirements shall be coordinated with the Owner prior to beginning construction. All contractors shall provide and be solely responsible for necessary barricades and safety precautions, and strictly adhere to all governing codes on safety, including the OSHA Act.

01740 - Cleaning

The construction site is to be in a clean and orderly condition throughout the construction process. Clean interior spaces prior to the application of the finishes. At the conclusion of construction, the project shall be properly cleaned. This should include but not be limited to; cleaning the interior and exterior glass, surfaces exposed to view, remove temporary labels, stains and foreign substances, polish transparent and glossy surfaces,. Remove all waste and surplus materials.

DIVISION 08. WINDOWS

08000 - General

The Owner will be responsible for providing all necessary external scaffolding, staging, hoists etc. to allow the safe execution of the works. The contractor will be responsible for providing all ladders and staging internally.

The windows and door are stored on the first floor of the New Venture House, 3 Mill Creek Road Pembroke. The Contractor is to allow for delivery to site protecting all adjacent surfaces and for making good any damage to the internal plaster and external render to the window opening.

08501 – Window/Door Installations

Contractor shall provide labor and materials pertaining to the careful removal and disposal of the existing aluminum windows, timber frames and metal cover plates to all external windows and the verandah timber door all as per the below window/door schedule. The contractor shall include for removing and setting aside all curtain rods, blinds and valances. Thereafter the Contractor is to allow for the installation of owner supplied Accoya windows and verandah door all as specified herein, while complying with all applicable building codes.

The contractor is to include for the installation of the sashes to the window frames as detailed on the below schedule.

Window/Door Schedule

| Sessions House – Windows and Door Schedule | | | | | | |
|--|-----|-------------|-------------------|----------------------------|-------------|--------------------|
| Type | No. | Description | Sash Installation | Location (Elevations) | Floor Level | Size H x L |
| W1 | 24 | Sash | To be installed | (All) | 2 | 7'6" x 3' 9.5" |
| W2 | 24 | Sash | To be installed | (All) | 1 | 7'0" x 3' 9.5" |
| W5 | 8 | Sash | To be installed | Clock Tower (West) | 2 | 7' 2.5" x 3' 0.25" |
| W6 | 4 | Sash & Arch | To be installed | Clock Tower (South & West) | 1 | 7' 4" x 2'0" |
| W7 | 5 | Sash & Arch | To be installed | West | 1 & 2 | 7' 5" x 4' 10" |
| W8 | 2 | Fixed | N/A | South | 2 | 6' 5" x 1' 4.5" |
| W9 | 2 | Fixed | N/A | South | 2 | 1' 4.5" x 1' 4.5" |
| W10 | 1 | Fixed | N/A | South | 2 | 1' 4.5" x 3' 5" |
| W14 | 1 | Sash | To be installed | East | 2 | 7' 3" x 2' 0" |
| W15 | 4 | Sash & Arch | To be installed | East Tower (South & East) | 3 | 7' 10" x 3' 0.5" |
| W16 | 20 | Sash & Arch | Pre-Installed | East Tower (All) | 4 | 5' 1.5" x 3' 0.5" |
| W18 | 2 | Sash & Arch | To be installed | East | 1 | 7' 8" x 2' 0" |
| W19 | 1 | Sash & Arch | To be installed | East | 1 | 8' 8" x 4' 0" |
| D1 | 1 | Door | N/A | South | 2 | 8' 3.25" x 3' 5" |

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08502 – Window surrounds (architraves) and Sills

The contractor shall allow for carefully removing and re-fixing the existing timber window surrounds (architraves).

The contractor shall allow for retaining in place the existing internal timber window sills.

The contractor is to include within the summation of his quotation the **provisional sum of \$15,000.00** all as detailed on the Price Form, which is only to be expended following written instruction by the project officer.

08503 – Arch Lintels (Provisional Sum)

The project officer is required to be invited to inspect the brick arch lintels of the historic building to assess their condition prior to the installation of the new windows to these openings

The contractor is to include within the summation of his quotation the **provisional sum of \$30,000.00** all as detailed on the Price Form, which is only to be expended following written instruction by the project officer.

08760 – Caulking and Sealants

All exterior caulking shall be Marine quality caulk 5200 as supplied by 3M or Dow Corning 795 Silicone Building Sealant or similar to the prior approval of the contract administrator. Caulking shall be applied in accordance with the manufacturer’s instructions, including surface preparation but excluding weep holes in the window frame. Closed-cell polyethylene backer-rod must be used in all joints deeper or wider than ¼”; such joints shall be kept to a minimum in any event. Caulk shall be guaranteed non-staining, non-sagging type. Caulk color shall match closely the finish of the adjacent component.

Joints and spaces to be caulked shall be thoroughly clean, dry, free of paint, putty oils, grease, dust and other foreign matters, and shall be primed if necessary. All caulking shall be removed from areas to receive new caulk. All surfaces to accept caulk shall be left clean before new application.

Application of caulk to the masonry, plaster, and metal surfaces shall be provided in a manner recommended by the manufacturer. Caulk beads should be smooth and slightly Concave, Excess, messy, or convex caulking will not be permitted, nor beads exceeding 3/8” wide.

All caulking shall be completed using an approved type of caulking gun and applying the material under pressure, except where not practical. Caulk joints shall be tooled immediately upon application to assure maximum adhesion and neat joint appearance.

Caulking shall be carried out to the perimeter of all windows and door.

