Stewart Port of Entry Redevelopment
Project # R.071365.001
May 29, 2015

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Part 1   General

1.1   REFERENCES

.1   Health Canada/Workplace Hazardous Materials Information System (WHMIS)

.1   Material Safety Data Sheets (MSDS).

1.2   ADMINISTRATIVE REQUIREMENTS

.1   Pre-Installation Meetings: convene pre-installation meeting one week prior to beginning work of this Section and on-site installation, with Contractor's representative and Departmental Representative to:

.1   Verify project requirements.
.2   Review installation and substrate conditions.
.3   Co-ordination with other building subtrades.
.4   Review manufacturer's installation instructions and warranty requirements.

1.3   ACTION SUBMITTALS

.1   Provide submittals in accordance with Section 01 33 00 – Shop Drawings, Product Data and Samples.

.2   Shop Drawings:

.1   Shop drawings: submit engineered shop drawings for larg signage installations and for suspended signage.

.2   Submit shop drawings, catalogue sheets.

.3   Indicate materilas, thicknesses, sizes, finishes, colours, construction details, removable and interchangeable components, mounting methods, schedule of signs.

1.4   DELIVERY, STORAGE AND HANDLING

.1   Deliver, stor and handle materilas in accordance with Section 01 61 00 – Common Product Requirments.

.2   Waste management and disposal: in accordance with Section 01 74 21 – Construction/Demolition Waste Management and Disposal.

Part 2   Product

2.1   MATERIALS

.1   Provide all site traffic and building signage for temporaty operation of the facilities.

.2   All permanent signage shall be provided as new.

.3   CBSA Signs: Obtain and pay for indicated CBSA signs through Pattison Sign Group.

      .1   Contact information:

            Hélène Hammond
            Pattison Sign Group
            2421 Holly Lane, Ottawa, ON, Canada, K1V 7P2
            Tel: 1-613-247-5379 | Fax: 1-613-247-7763
            email: hhammond@pattisonsign.com

      .2   For information only: Pattison Sign Group, through a competitively sourced standing offer agreement, is the exclusinve supplier of signage to the Government of Canada that is in compliance with the Federal Identity Program.

      .3   Self-stick foam tape: 3.2 mm thick 352.4 kg/m³ density polyurethane open-cell foam tape for sign purposes, with synthetic self-stick adhesive on both sides.

            .1   Width: as indicated to suit sign sizes.

.3   BCMOTI Signs: Conform to September 2000 (or latest edition) of the BC Ministry of Transportation, Highways, and Infrastructure "Manual of Standard Traffic Signs and Pavement Markings" or as otherwise directed on the drawings.

Part 3   **Execution**

3.1   **INSTALLATION**

.1   Comply with manufacturer's written recommendations or specifications, including product technical bulletins, handling, storage and installation instructions, and data sheets.

.2   CBSA Signage

      .1   Erect and secure signs plumb and level at elevations indicated or as directed by Departmental Representative.

      .2   Comple with sign manufacturer's installation instructions and approved shop drawings.

      .3   Mechanical attachment:

            .1   To concrete or solid masonry: use lag screws and expansion bolts or screws and fibre plugs, as appropriate for stresses involved.

            .2   To hollow masonry: use toggle bolts or equivalent.

            .3   To steel: use bolts with nut and lock washers, self-tapping screws.

      .4   Adhesive attachment:

            .1   Use self-stick adhesive foam tape to manufacturer's instructions to fix sign and prevent "rocking".

            .2   Keep tape maximum 1.6 mm from edges.

      .5   Install surface mounted signs with double sided tape, 1500 mm from floor to centre of sign.

.6   Install ceiling suspended signs with hanging chain and hardware, 2440 mm from floor to bottom of sign. Use ceiling clips for tiled ceilings. Ceiling suspended perpendicular signs to have radius (rounded) corners for safety purposes.

.7   Install perpendicular wall mounted signs with screws and screw or mirror caps, 2440 mm from floor to bottom of signs.

.8   Directory borads installed in mian entrance area or elevator core on first floor of building in location as directed by Departmental Representative. Standard mounting height, 1500 mm from floor to centre of board.

.9   Tactile signs mounted to wall with double-sided tape. Nameplates mounted to wall with double sided tape or to screen divider with Velcro or screen clip. Standard mounting height, 1500 mm from floor to centre of board.

.10   Thick blade signs for freestanding use, sign single or double sided, as required. Each blade must have an end connector at each end, for connectino to a column rail, attached to post. Blades to be stacked flush before attachment to column rails. Blade signs on posts to be installed at minimum distance of 1219 mm from ground to bottom of sign. Surface mounted signs installed at various heights as directed by Departmental Representative.

.11   Exposed inconspicuous fasteners of same finish and colour as base material as where indicated or approved by Departmental Representative.

.12   Apply bituminous paint to aluminum in contact with dissimilar metals, concrete or masonry.

.3   BC MOTI Signage

.1   BCMOTI signs to comply with September 2000 (or latest edition) of the BC Ministry of Transporation, Highways, and Infrastructre "Manual of Standare Traffic Signs and Pavement Markings".

.2   Existing signs to be relocated

.1   All existing Road Signs shown to be relocated must be moved without damage to signs or ports. Clean any existing foundation material away from psots. Repair any damage to existing signs or posts, to as-new condition.

.2   Relocate signs and psots to new locations as shown. Post foundations to be constructed as shown on contract documents or as otherwise indicated in the specifications.

3.2   CLEANING

.1   Proceed in accordance with Section 01 74 11 – Cleaning.

.1   On completion and verification of performance of installation, remove surplus materials, excess materials, rubbish, tools and equipment.

.2   Leave signs clean.

.3   Remove debris from interior of sign boxes.

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.4   Touch up damaged finishes.

.2   Waste Management: separate waste materials fro reuse and recycling in accordance with Section 01 74 21 – Construction/Demolition Waste Management and Disposal.

END OF SECTION