

PART 1 – GENERAL

1.1 DESCRIPTION

- .1 This section covers the construction of the electrical shed as detailed on the drawings and outlined in the specifications.
- .2 Contractor will coordinate work with other trades responsible for related work. Examine all drawings, details and specifications to coordinate work with the work of other trades. No claim for any extra will be entertained for delays occasioned by such activities.

1.2 RELATED SECTIONS

- .1 06 10 00 - Rough Carpentry
- .2 07 21 13 - Board Insulation
- .3 07 21 16 - Blanket Insulation
- .4 07 21 20 - Low Expanding Foam Sealant
- .5 07 26 00 - Vapour Retarders
- .6 07 31 13 - Asphalt Shingles
- .7 07 46 23 - Wood Siding
- .8 07 62 00 - Sheet Metal Flashing and Trim
- .9 07 92 00 - Joint Sealants
- .10 08 11 00 - Metal Doors and Frames
- .11 08 11 01 - Door Frame Schedule
- .12 08 71 00 - Door Hardware
- .13 08 71 01 - Door Hardware Groups
- .14 09 91 13 - Exterior Painting
- .15 09 91 23 - Interior Painting

1.3 MEASUREMENT FOR PAYMENT

- .1 All work associated with the electrical shed construction including any required site-work fill, leveling and/or grading will not be measured for payment but will be included in the Lump Sum Amount of the contract.

PART 2 - PRODUCTS

2.1 MATERIALS

- .1 Materials specified herein shall be of the best quality available for the use intended. Materials deemed by the Departmental Representative as being unsuitable shall be rejected and replaced by acceptable material.

- .2 Materials shall conform to the requirements and details indicated on the drawings and to the latest standards of the applicable regulatory agencies:
- .3 Dimension Lumber and Plywood: to Section 06 10 00 – Rough Carpentry
- .4 Clapboard: to Section 07 46 23 – Wood Siding
- .5 Nails, spikes and staples: to Section 06 10 00 – Rough Carpentry
- .6 Paint:
 - .1 Exterior Door and Frame: to Section 09 91 13 - Exterior Painting , colour as selected by Departmental Representative .
 - .2 Concrete Floors: to Section 09 91 23 - Interior Painting , colour similar to concrete .
- .7 Asphalt Shingled Roof: to Section 07 31 13 - Asphalt Shingles
- .8 Doors and Frames: to Section 08 11 00 - Metal Doors and Frames
- .9 Finish Hardware: to Section 08 71 00 - Door Hardware
- .10 Insulation: to Sections 07 21 13 - Board Insulation, 07 21 16 - Blanket Insulation and 07 21 20 - Low Expanding Foam Sealant

PART 3 - EXECUTION

3.1 WORKMANSHIP

- .1 Rough and finished carpentry shall be executed by persons skilled in the trade. All work shall be neatly and accurately erected, scribed and fitted to produce closed joints and connections. Only expert workmanship will be accepted and work which, in the opinion of the Departmental Representative, is not of first class quality, will be rejected and replaced at no cost to the Owner .
- .2 Install rough blocking securely to preset anchor bolts. Blocking shall be of the proper size to accurately align to adjoining surfaces to receive cant boards, frames and other items detailed on the drawings and to be installed under this section .
- .3 Finish carpentry to receive paint or varnish finished shall be neatly erected, joined, sanded and have all nail heads set and puttied, ready for finishing .

3.2 COMPACTION

- .1 Compact material under floor slab and foundation walls to 95% standard proctor density .
- .2 Departmental Representative to approve all compaction prior to construction of building floor.

3.3 INSTALLATION

- .1 Do concrete work to conform with standards set forth in Section 03 30 00 – Cast in Place Concrete.
- .2 Install new siding and attachments sequentially to manufacturer's instructions .
- .3 Install exterior corners, fillers and closure strips with carefully formed and profiled work using concealed fasteners .
- .4 Maintain joints in exterior sheets, true to line, tight fitting .
- .5 Caulk and seal in accordance with paragraphs 4.6.2 and 4.6.3 of CGSB 93-GP-5M with sealant .
- .6 Provide all components including drip and cap flashings, screws and fasteners as required to complete installation.
- .7 Apply paint material to CGSB 85-GP series standards and in accordance with materials manufacturer's recommendations .
- .8 Install shingles and eave flashings in accordance with manufacturer's recommendations .
- .9 Install pressed steel door frame plumb, square, level and at correct elevation. Insulate exterior frames with batt insulation. Secure anchors and connections to adjacent construction .
- .10 Install hollow metal doors and hardware in accordance with manufacturer's instructions.

END OF SECTION