

**PART 1 GENERAL**

**1.1 SUMMARY OF WORK**

- .1 Title and description of Work: Louis Riel Library, replacement of asphalt shingle roofing.
- .2 Contract method: stipulated price contract.
- .3 The City's occupancy: public library building, occupied during regular business/operating hours.

**1.2 RELATED SECTIONS:**

- .1 Section 070135 – Shingle Roof Replacement.

**1.3 CODES AND STANDARDS**

- .1 Perform Work in accordance with National Building Code of Canada (NBC) 2005 and any other code of provincial or local application provided that in any case of conflict or discrepancy, the more stringent requirements shall apply.
- .2 Meet or exceed requirements of:
  - .1 Contract documents.
  - .2 Specified standards, codes, and reference documents.
  - .3 Workers'/Workmens' Compensation Board and municipal authority.
  - .4 Requirements of FCC No. 30.1-Standard for Construction Operations, June 1982, issued by Fire Commissioner of Canada.
  - .5 Falsework design and construction in accordance with CSA S269.1-1975.
  - .6 Workplace Hazardous Materials Information System (WHMIS).

**1.4 WORK RESTRICTIONS**

- .1 Special Requirements
  - .1 The library facilities will be in operation during the Work. While the Work may proceed during regular hours of operation, it shall not unduly interfere with the normal operation of the facility.

**1.5 CUTTING AND PATCHING**

- .1 Approvals
  - .1 Submit written request in advance of cutting or alteration which affects:
    - .1 Structural integrity of any element of Project.
    - .2 Integrity of weather-exposed or moisture-resistant elements.
    - .3 Efficiency, maintenance, or safety of any operational element.
    - .4 Visual qualities of sight-exposed elements.
- .2 Inspection
  - .1 Inspect existing conditions, including elements subject to damage or movement during cutting and patching.
  - .2 After uncovering, inspect conditions affecting performance of Work.

.3 Beginning of cutting or patching means acceptance of existing conditions.

**.3 Execution**

- .1 Perform cutting, fitting, and patching to complete the Work.
- .2 Remove and replace defective and nonconforming Work.
- .3 Perform Work to avoid damage to other Work.
- .4 Prepare proper surfaces to receive patching and finishing.
- .5 Cut rigid materials using power saw or core drill. Pneumatic or impact tools not allowed.
- .6 Restore Work with new products in accordance with Contract Documents.
- .7 Refinish surfaces to match adjacent finishes; for continuous surfaces refinish to nearest intersection; for an assembly, refinish entire unit.

**1.6 PROJECT MEETINGS**

**.1 Preconstruction Meeting**

- .1 A preconstruction meeting will be held with the Contractor and the City. The meeting will be scheduled by the Contract Administrator after Contract Award and prior to commencement of construction.

**.2 Construction Meetings**

- .1 Contract Administrator will schedule and administer project progress meetings as required throughout progress of Work.

**1.7 CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS**

**.1 Installation/Removal**

- .1 Provide construction facilities and temporary controls in order to execute Work expeditiously.
- .2 Remove from site all such facilities after use.

**.2 Hoarding**

- .1 Erect hoarding as required to protect public, workers, public, and private property from injury or damage.

**.3 Scaffolding**

- .1 Provide and maintain scaffolding, ramps, ladders, and platforms.
- .2 Design and construct scaffolding in accordance with CSA S269.2-M87(R1998).

**.4 Sanitary Facilities**

- .1 Provide sufficient sanitary facilities for workers in accordance with local health authorities.
- .2 Maintain in clean condition.

**.5 Temporary Power and Lighting**

- .1 The City will provide temporary power required during construction for operating of power tools, to maximum supply of 120 volts 15 amps.
- .2 Pay for damage to existing plant if caused by Contractor negligence.
- .3 The City assumes no responsibility for inconvenience or costs incurred due to loss of power or interruptions.

- .6 Construction Parking
  - .1 Parking as directed by Contract Administrator will be permitted on site provided it does not disrupt the performance of Work and access to building by employees and public.
- .7 Project Cleanliness
  - .1 Maintain the Work in tidy condition, free from accumulation of waste products and debris.
  - .2 Remove waste material and debris from site at end of each working day.

**1.8 MATERIAL AND EQUIPMENT**

- .1 Product and Material Quality
  - .1 Products, materials, equipment and articles (referred to as Products throughout specifications) incorporated in Work shall be new, not damaged or defective, and of best quality (compatible with specifications) for purpose intended. If requested, furnish evidence as to type, source and quality of Products provided.
  - .2 Defective Products, will be rejected, regardless of previous inspections. Inspection does not relieve responsibility, but is precaution against oversight or error. Remove and replace defective products at own expense and be responsible for delays and expenses caused by rejection.
  - .3 Should any dispute arise as to quality or fitness of Products, decision rests strictly with Contract Administrator based upon requirements of Contract Documents.
- .2 Storage, Handling and Protection
  - .1 Handle and store Products in manner to prevent damage, adulteration, deterioration, and soiling and in accordance with manufacturer's instructions when applicable.
  - .2 Store packaged or bundled Products in original and undamaged condition with manufacturer's seals and labels intact.
  - .3 Store Products subject to damage from weather in weatherproof enclosures.
- .3 Protection of Building Finishes and Equipment
  - .1 Provide protection for finished and partially finished building finishes and equipment during performance of Work.
  - .2 Provide necessary screens, covers, hoardings as required.
  - .3 Be responsible for damage incurred due to lack of or improper protection.
- .4 Manufacturer's Instructions
  - .1 Unless otherwise indicated in the specifications, install or erect Products in accordance with manufacturer's instructions. Do not rely on labels or enclosures provided with Products. Obtain written instructions directly from manufacturers.
  - .2 Notify Contract Administrator in writing, of conflicts between specifications and manufacturer's instructions, so that Contract Administrator may establish course of action.
  - .3 Improper installation or erection of Products, due to failure in complying with these requirements, authorizes Contract Administrator to require removal and reinstallation at no increase in Contract Price.
- .5 Workmanship
  - .1 Workmanship shall be best quality, executed by workers experienced and skilled in respective duties for which they are employed. Immediately notify Contract

Administrator if required Work is such as to make it impractical to produce required results.

- .2 Do not employ any unfit person or anyone unskilled in their required duties.
- .3 Decisions as to quality or fitness of workmanship in cases of dispute rest solely with Contract Administrator, whose decision is final.

**1.9 PROJECT CLOSEOUT**

.1 Final Cleaning

- .1 Remove all construction debris and extra materials from site.
- .2 Use magnetic broom to ensure the removal of all metallic debris and nails from around entire perimeter of building.

.2 Documents

- .1 Provide warranties fully executed and notarized.

.3 Inspection/Takeover Procedures

- .1 Prior to application for certificate of Substantial Performance, carefully inspect the Work and ensure it is complete, that major and minor construction deficiencies are complete, defects are corrected and building is clean and in condition for occupancy. Notify Contract Administrator in writing, of satisfactory completion of the Work and request an inspection.
- .2 During Contract Administrator's inspection, a list of deficiencies and defects will be tabulated. Contractor shall correct all deficiencies and defects.
- .3 When the Contract Administrator considers deficiencies and defects have been corrected and it appears the requirements of the Contract have been performed, make application for certificate of Substantial Performance. Refer to Supplemental Conditions D12 for specifics to application.

**PART 2 PRODUCTS**

- .1 Not Used

**PART 3 EXECUTION**

- .1 Not Used