
PART 1 GENERAL

1.1 General

- .1 Work to minimize impact on Parks Canada operations. Be responsible for efficiently coordinating work to comply with the requirements of this Section. Contractor is to assume all costs caused by the requirements of this Section.
- .2 Parks Canada staff and other contractors will be working on the island. Starting in July 2021, the island is scheduled be opened to the public on weekends and Fridays. Work may be carried out on Fridays but in designated areas and as scheduled and approved by the Departmental Representative. The work in the Coal Shed and in the Artillery Store are to be completed as first priorities and coordinated with the by the Departmental Representative. As required, the Contractor will be required to coordinate Work in consideration of other ongoing activities on the island.

1.2 Use of Site and Facilities

- .1 Execute work with least possible interference or disturbance to normal use of the site. Make arrangements with Departmental Representative to facilitate work as stated.
- .2 Provide access to all site locations to PCA staff, as required.
- .3 Do not travel on or use parts of the site indicated as restricted.

1.3 Existing Services

- .1 Notify Departmental Representative and utility companies of any intended interruption of services and obtain required permission.

1.4 Smoking Environment

- .1 Smoking is not permitted.

1.5 Equipment restriction

- .1 The use of gas powered or pneumatic tools is prohibited.

PART 2 PRODUCTS

- 2.1 Not Used

PART 3 EXECUTION

- 3.1 Not Used

END OF SECTION

PART 1 GENERAL

1.1 Suggested Sequence of Work

- .1 Be responsible for planning the sequence of work for the execution of the project. No additional payment will be made for loss of productivity or delays related to the sequence of work.
- .2 Several of the GINHS assets are in deteriorated condition and parts may be structurally deficient. The sequence and nature of major tasks should consider the protection of the heritage buildings and minimize any damage to the existing buildings.

PART 2 PRODUCTS

2.1 Not Used

PART 3 EXECUTION

3.1 Not Used.

END OF SECTION

1.1 Related Sections

- 1) Section 02 50 00
- 2) Section 02 61 33
- 3) Section 02 82 00
- 4) Section 02 83 10
- 5) Section 02 83 11
- 6) Section 02 87 13

1.2 DESCRIPTION OF WORK

The work includes all that is described in the Specifications, plans and reports, including but not limited to:

- .1 Mobilization and transportation to the island;
- .2 Removal of:
 - 1) Asbestos-containing caulking;
 - 2) Lead-containing paint;
 - 3) Mould Removal;
 - 4) Application of a limewash coating in selected locations.
- .3 Protection of existing surfaces.
- .4 De-mobilization and transportation from the island.

1.3 PRODUCT MEASUREMENT

.1 General

This section details the measurement method to be used for payment purposes. Incidental items covered in the various sections of the specification are to be included in the pricing of each Unit price.

.2 Lump Sum Amount

The lump sum amount represents all labor, plant, material and equipment required for the work as described in the specifications, description of work, tables and contract drawings, complete in every respect.

.3 Unit Prices Items

The following unit price items will be used to calculate costs should additional work arise during the Work. All unit price quantities shall be measured and confirmed by the departmental representative and the contractor prior to the start of additional work:

.1 Unit price #1 Removal of lead-containing coatings or materials with non-powered hand tools

Unit Price #1 shall be the calculated cost per square meter and shall include all labor, material, equipment and transportation to remove metal containing paint per the method described in specification section 02 83 10, Part 1, Subsection 1.1.2.1.

.2 Unit price #2 Removal of lead-containing coatings with a chemical gel.

Unit Price #2 shall be the calculated cost per square meter and shall include all labor, material, equipment and transportation to remove metal containing paint per the method described in specification section 02 83 10, Part 1, Subsection 1.1.2.2.

.3 Unit price #3 Supply and application of a lime-based primer to surfaces.

Unit Price # 3 shall be calculated on a cost per square meter and shall include all labor,

material, equipment and transportation per Section 02 83 10, sub sections 2.1.4 and 3.3.5.

.4 Unit price #4 Mould removal

Unit Price #4 shall be the calculated cost per square meter and shall include all labor, material, equipment and transportation for mould remediation as described in the specification section 02 87 13.

.5 Unit price #5

Guardroom: Mechanical removal of parging that has delaminated from the brick surface.

Unit Price #5 shall be the calculated cost per square meter and shall include all labor, material, equipment and transportation for removal of parging delaminated from the brick subsurface, as described in the specification section 02 83 10, Part 1, Section 1.2.3.1

.6 Unit price #6

Guardroom: Mechanical removal of parging that is adhered to the brick surface.

Unit Price #6 shall be the calculated cost per square meter and shall include all labor, material, equipment and transportation for removal of parging adhered to the brick subsurface, as described in the specification Section 02 83 10, Part 1, Section 1.2.3.2

END OF SECTION

1.1 ADMINISTRATIVE

- .1 Representative of Contractor, Subcontractor attending meetings will be qualified and authorized to act on behalf of party each represents.

1.2 PRECONSTRUCTION MEETING

- .1 Within 10 days after award of Contract, a meeting shall be organized to review administrative procedures and responsibilities.
- .2 Senior representatives of Departmental Representative, Consultants, Contractor will be in attendance.
- .3 Incorporate mutually agreed variations to Contract Documents into Agreement, prior to signing.
- .4 Agenda to include:
 - .1 Appointment of official representative of participants in the Work.
 - .2 Schedule of Work
 - .3 Requirements for temporary facilities, utilities, fences in accordance with Section 01 52 00 - Construction Facilities.
 - .4 Site security in accordance with Section 01 56 00 - Temporary Barriers and Enclosures.
 - .5 Review of Proposed changes, change orders, procedures, approvals required, mark-up percentages permitted, time extensions, overtime, administrative requirements.
 - .6 Monthly progress claims, photographs, hold backs.
 - .7 Appointment of inspection and testing agencies or firms.
 - .8 Insurances

1.3 PROGRESS MEETINGS

- .1 During course of Work, schedule progress meetings bi-weekly.
- .2 Agenda to include the following:
 - .1 Review, approval of minutes
 - .2 Review of Work progress since previous meeting.
 - .3 Field observations, problems, conflicts.
 - .4 Progress schedule
 - .5 Review any changes that can affect the schedule and completion.
 - .6 Other business.

PART 2 - PRODUCTS

2.1 NOT USED

PART 3 - EXECUTION

3.1 NOT USED

1.1 SCHEDULE

- .1 Submit a schedule within 10 working days of Award of Contract date. Include listed activities as follows:
 - .1 Approvals of Techniques
 - .2 Mock-ups;
 - .3 In-situ Work including:
 - 1) Removal of Asbestos containing materials
 - 2) Removal of metal containing paint
 - 3) Removal of mould
 - .4 Inspections

1.2 REVIEW OF THE SCHEDULE

- .1 Allow 3 work days for review by Departmental Representative
- .2 Upon receipt of reviewed Schedule, make necessary revisions and resubmit to Departmental Representative within 5 work days.
- .3 Submittal of Schedule indicates that it meets Contract requirements and will be executed generally in sequence.

1.3 COMPLIANCE WITH SCHEDULE

- .1 Comply with the reviewed Schedule.
- .2 Identify activities that are behind schedule and causing delay. Provide measures to regain slippage. Keep team aware of changes to schedule.
- .3 Submit to Departmental Representative, justification and supporting evidence for approval of extension to Contract completion date. Include as supporting documents:
 - .1 Written submission of proof of delay based on revised activity, duration and costs, illustrating influence of each change or delay relative to approved contract schedule.
- .4 In event of Contract extension,
 - 1. Departmental Representative will advise Contractor of allowable days for extension of Contract.
 - 2. Construction delays affecting project schedule will not constitute justification for extension of contract completion date.

1.4 PROGRESS MONITORING AND REPORTING

- .1 Report on the Schedule bi-weekly. Provide a 2 week look-ahead to the Departmental Representative.
- .2 Provide necessary crews and manpower to meet schedule requirements for performing Work within specified Contract duration. Simultaneous use of multiple crews on multiple fronts may be required.
- .3 Use experienced personnel, fully qualified in planning and scheduling to provide services from start of construction to Final Certificate.

PART 2 - PRODUCTS

2.1 NOT USED

PART 3 - EXECUTION

3.1 NOT USED

END OF SECTION

PART 1 GENERAL

1.1 Related Sections

- 1) Section 02 50 00
- 2) Section 02 61 33
- 3) Section 02 82 00
- 4) Section 02 83 10
- 5) Section 02 83 11
- 6) Section 02 87 13

1.2 Responsibility

- .1 Because of the heritage value of the buildings under contract, the Work must be executed with minimal disturbance to the existing building fabric.
- .2 Protection of the existing building fabric from damage caused by the work of this contract shall be a priority in the execution of the Work.
- .3 The Contractor shall implement necessary protective measures and procedures to ensure the risk of damage to the existing building fabric is minimized.

1.3 Submittals

- .1 Protection Plan:
 - .1 Prepare a Protection Plan indicating the measures to be taken to protect the existing buildings during the Work.
- .2 Damage Reports:
 - .1 In the event that damage to the existing building fabric does occur, submit a damage report, to the Departmental Representative.

1.4 Protection Plan

- .1 The Protection Plan shall include all necessary protective measures. These measures shall include:
 - .1 Protection of masonry against:
 - .1 Surface damage caused by cleaning too intensively.
 - .2 Mechanical damage caused by the Work, including falling objects.
 - .3 Surface soiling caused by droppings of sealants, adhesives, paints.
 - .2 Protection of building interior elements:
 - .1 Protect other building elements as necessary to protect against damage from any cause.

1.5 Training

- .1 It is the Contractor's responsibility to ensure that all construction personnel are fully aware of the importance of the protection of the building fabric and are completely familiar with those parts of the Protection Plan that affect their work.

PART 2 PRODUCTS

2.1 Not used

PART 3 EXECUTION

3.1 Implementation of the Protection Plan

- .1 At all times, comply with the provisions of the reviewed and accepted Protection Plan. Implement all protective measures prescribed therein.
- .2 If a need for additional protection, not included in the Protection Plan, becomes evident, provide such additional protection at no additional cost to the Contract.

3.2 Remedial Work

- .1 Make good any damage to the existing building fabric to the satisfaction of the Departmental Representative, at no additional cost to the Contract.

END OF SECTION

REGULATORY REQUIREMENTS

PART 1 - GENERAL

1.1 Related Sections

- 1) Section 02 50 00
- 2) Section 02 61 33
- 3) Section 02 82 00
- 4) Section 02 83 10
- 5) Section 02 83 11
- 6) Section 02 87 13

1.2 REFERENCES AND CODES

- .1 Canada Labor Code, 1985
- .2 Canada Occupational Health and safety Regulations, 2007
- .3 National Building Code of Canada (NBC)
- .4 National Fire Code of Canada (NFC)
- .5 National Plumbing Code of Canada (NPC)
- .6 National Energy Code of Canada for Buildings (NECB)
- .7 Meet or exceed requirements of:
 - .1 Contract documents.
 - .2 Specified standards, codes and referenced documents.

1.3 PERMITS

- .1 Obtain and pay for all permits required for this work.

PART 2 - PRODUCTS

2.1 NOT USED

PART 3 - EXECUTION

3.1 NOT USED

END OF SECTION

PART 1 GENERAL

1.1 Related Sections

- 1) Section 02 50 00
- 2) Section 02 61 33
- 3) Section 02 82 00
- 4) Section 02 83 10
- 5) Section 02 83 11
- 6) Section 02 87 13

1.2 Inspection

- .1 Allow Departmental Representative, inspection and testing agencies access to Work.
- .2 Give timely notice requesting inspection if Work is designated for special tests, inspections or approvals by Departmental Representative instructions, or by law of the Place of Work.
- .3 If Contractor covers or permits to be covered Work that has been designated for special tests, inspections or approvals before such is made, uncover such Work, have inspections or tests satisfactorily completed and make good such Work.
- .4 Departmental Representative will order part of Work to be examined if Work is suspected to be not in accordance with Contract Documents. If, upon examination, such work is found not in accordance with Contract Documents, correct such Work and pay cost of examination and correction.

1.3 Procedures

- .1 Notify appropriate agency and Departmental Representative in advance of requirement for tests, in order that attendance arrangements can be made.

1.4 Rejected Work

- .1 Remove defective Work, whether result of poor workmanship, use of defective products or damage and whether incorporated in Work or not, which has been rejected by Departmental Representative as failing to conform to Contract Documents. Replace or re-execute in accordance with Contract Documents.
- .2 If in opinion of Departmental Representative, it is not expedient to correct defective Work or Work not performed in accordance with Contract Documents, Departmental Representative may deduct from Contract Price difference in value between Work performed and that called for by Contract Documents, amount of which will be determined by Departmental Representative.

1.5 Mock-Ups

- .1 Prepare mock-ups for Work as specified in Specifications.
- .2 Construct in locations acceptable to Departmental Representative unless otherwise specified.
- .3 Prepare mock-ups for review with reasonable promptness and in orderly sequence, to not cause delay in Work.
- .4 Failure to prepare mock-ups in ample time is not considered sufficient reason for extension of Contract Time and no claim for extension by reason of such default will be allowed.
- .5 The mock-up will remain as part of Work unless otherwise indicated.

1.6 Quality of work

- .1 Ensure Work is executed by workers experienced and skilled in respective duties for which they are employed. Immediately notify Departmental Representative if required Work is such as to

-
- make it impractical to produce required results.
- .2 The Departmental Representative retains the right of refusal if proposed individuals do not meet required experience as determined by the Departmental Representative.
 - .3 Decisions as to standard or fitness of Quality of Work in cases of dispute rest solely with Departmental Representative.
 - .4 Do not employ anyone unskilled in their required duties. Departmental Representative reserves right to require dismissal from site, workers deemed incompetent or careless.
 - .5 Use qualified licensed workers or apprentices in accordance with Apprenticeship and Occupational Certification Act.

PART 2 PRODUCTS

2.1 Not Used

PART 3 EXECUTION

3.1 Not Used

END OF SECTION

PART 1 - GENERAL

1.1 Related Sections

- 1) Section 02 50 00
- 2) Section 02 61 33
- 3) Section 02 82 00
- 4) Section 02 83 10
- 5) Section 02 83 11
- 6) Section 02 87 13

1.2 INSTALLATION AND REMOVAL

- .1 Provide temporary utilities controls in order to execute work expeditiously.
- .2 Remove from site all such work after use.

1.3 WATER SUPPLY

- .1 Domestic water is not available at the site. The Contractor shall provide for water supply required to carry out the Work.

1.4 FIRE PROTECTION

- .1 Burning rubbish and construction waste materials is not permitted on site.

1.5 TEMPORARY POWER AND LIGHT

- .1 Temporary power is not available for use during construction. The Contractor shall provide for power and light require to carry out the Work.

1.6 TEMPORARY COMMUNICATION FACILITIES

- .1 Provide and pay for temporary communication equipment necessary for own use.

1.7 Fuel Storage

- .1 Propane powered equipment is not permitted.
- .2 Storage of other fuels on the site must comply with applicable Federal, Provincial, and Municipal requirements.

PART 2 - MATERIALS

2.1 NOT USED

PART 3 - EXECUTION

3.1 NOT USED

END OF SECTION

PART 1 GENERAL

1.1 Related Sections

- 1) Section 02 50 00
- 2) Section 02 61 33
- 3) Section 02 82 00
- 4) Section 02 83 10
- 5) Section 02 83 11
- 6) Section 02 87 13

1.2 References

- .1 Canadian Standards Association (CSA):
 - .1 CAN/CSA-S269.2-M87(R2003), Access scaffolding for Construction Purposes.
 - .2 CAN/CSA-Z321-96(R2006), Signs and Symbols for the Occupational Environment.
- .2 Province of Nova Scotia
 - .1 Occupational Health and Safety Act

1.3 Installation and Removal

- .1 Provide construction facilities, as required, in order to execute work.
- .2 Remove from site all such work after use.

1.4 Scaffolding (if required)

- .1 Provide and maintain scaffolding, ramps, ladders, platforms and temporary stairs, as required.
- .2 Design and erect scaffolding in accordance with CAN/CSA-S269.2.
- .3 Design, install, and inspect scaffolds and work platforms required for work in accordance with relevant municipal, provincial and federal regulations.
- .4 The scaffold shall be inspected and certified by the Contractor's hired scaffold design professional engineer.

1.5 Site Storage/Loading

- .1 Locate materials in a manner to cause least interference with site activities.
- .2 Confine work and operations of employees to the areas prescribed. Do not unreasonably encumber premises with products.

1.6 Equipment, Tool and Materials Storage

- .1 Provide and maintain, in clean and orderly condition, lockable weatherproof storage of tools, equipment and materials.

1.7 Sanitary Facilities and First Aid Facilities

- .1 Provide sanitary facilities, as required, for work force in accordance with governing regulations and ordinances and in location concealed from public view and approved by Departmental Representative.
- .2 Post notices and take precautions as required by local health authorities. Keep area and premises in sanitary condition.
- .3 Provide a clearly marked and fully stocked first-aid case in a readily available location.

1.14 Clean-Up

- .1 Remove construction debris, waste materials, packaging material from work site daily.

1.15 Reinstatement

- .1 On completion of the Work, remove from the premises all temporary construction facilities, surplus material, dirt and debris.
- .2 Make good any damage caused by the Work and restore the site to

the condition which existed prior to commencement of Work.

PART 2 PRODUCTS

.1 Not Used

PART 3 EXECUTION

3.1 Not Used

END OF SECTION

PART 1 GENERAL

1.1 Protection for Surrounding Property

- .1 Protect surrounding property from damage during performance of Work.
- .2 Prevent damage to and protect landscaping features and vegetation.
- .3 Be responsible for damage incurred due to lack of or improper protection.

PART 2 PRODUCTS

2.1 Paint

PART 3 EXECUTION

3.1 Not Used

END OF SECTION

PART 1 GENERAL

1.1 Related Sections

- 1) Section 02 50 00
- 2) Section 02 61 33
- 3) Section 02 82 00
- 4) Section 02 83 10
- 5) Section 02 83 11
- 6) Section 02 87 13

1.2 References

- .1 Within text of each specifications section, reference may be made to reference standards. Conform to these reference standards, in whole or in part as specifically requested in specifications.
- .2 If there is question as to whether products or systems are in conformance with applicable standards, Departmental Representative reserves right to have such products or systems tested to prove or disprove conformance.

1.3 Quality

- .1 Products, materials, equipment and articles incorporated in Work shall be new, not damaged or defective, and of best quality for purpose intended. If requested, provide evidence as to type, source and quality of products.
- .2 Defective products, whenever identified prior to completion of Work, will be rejected, regardless of previous inspections. Remove and replace defective products at own expense and be responsible for delays and expenses caused by rejection.
- .3 Should disputes arise as to quality or fitness of products, decision rests strictly with Departmental Representative based upon requirements of Contract Documents.

1.4 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 seal and labels intact. Do not remove from packaging or bundling until required in Work.
- .3 Remove and replace damaged products at own expense and to satisfaction of Departmental Representative.

1.5 Transportation

- .1 Pay costs of transportation of products required in performance of Work.

1.6 Manufacturer's Instructions

- .1 Unless otherwise indicated in specifications, install or apply products in accordance with manufacturer's instructions. Obtain written instructions directly from manufacturers.
- .2 Notify the Departmental Representative in writing, of conflicts between specifications and manufacturer's instructions, so that Departmental Representative will establish course of action.
- .3 Improper application of products, due to failure in complying with these requirements, authorizes Departmental Representative to require removal and re-installation at no increase in Contract Price or Contract Time.

1.7 Co-ordination

- .1 Ensure co-operation of workers in Work. Maintain efficient

and continuous supervision.

1.8 Remedial Work

- .1 Perform remedial work required to repair or replace parts or portions of Work identified as defective or unacceptable.

1.9 Existing Utilities

- .1 Protect, relocate or maintain existing active services.

PART 2 PRODUCTS

- 2.1 Not Used

PART 3 EXECUTION

- 3.1 Not Used

END OF SECTION

PART 1 GENERAL

1.1 Related Sections

- 1) Section 02 50 00
- 2) Section 02 61 33
- 3) Section 02 82 00
- 4) Section 02 83 10
- 5) Section 02 83 11
- 6) Section 02 87 13

1.2 Project Cleanliness

- .1 Maintain Work in tidy condition, free from accumulation of waste products and debris.
- .2 Clean up work area as work progresses, at end of each workday, and when directed by Departmental Representative, remove debris from site.
- .3 Remove waste material and debris from site and deposit in waste container at end of each working day.
- .4 Dispose of waste materials and debris per specifications

1.3 Final Cleaning

- .1 Complete final cleaning prior to notice for Interim Certificate of Completion:
 - .1 Remove surplus products, tools, machinery, scaffolding, temporary protection and equipment not required for performance of remaining Work. Make good defects noted at this stage.
 - .2 Prior to final review, remove surplus products, tools, construction machinery and equipment.
 - .3 Clean areas under contract to a condition at least equal to that previously existing and to approval of Departmental Representative.

PART 2 PRODUCTS

- 2.1 Not Used

PART 3 EXECUTION

- 3.1 Not Used

END OF SECTION

- 1.1 Recording Site Conditions
 - .1 Take photos of conditions before work starts
- 1.2 Materials and Finishes
 - .1 Provide data sheets for all products to be used.

PART 2 PRODUCTS

- 2.1 Not Used

PART 3 EXECUTION

- 3.1 Not Used

END OF SECTION