



INVITATION TO TENDER

IMPORTANT NOTICES TO BIDDERS

REFERENCE TO PWGSC

All references to the Department of Public Works & Government Services Canada (PWGSC) in the instructions, general terms, conditions and clauses identified in the Invitation to Tender (ITT) by number, date and title, set out in the Standard Acquisition Clauses and Conditions Manual (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) are to be replaced with the Correctional Service of Canada (CSC).

THIS DOCUMENT DOES NOT CONTAIN AN INDUSTRIAL SECURITY REQUIREMENT

INTEGRITY PROVISIONS – BID

Changes have been made to the Integrity Provisions – Bid as of 2016-04-04. See GI01, Integrity Provisions – Bid of R2410T of the General Instructions for more information.

LISTING OF SUBCONTRACTORS

As per GI06 of R2410T you should provide using Annex B at Bid closing a list of Subcontractors that have 20% or more of the tendered price value.

PWGSC UPDATE ON ASBESTOS USE

Effective April 1, 2016, Public Works and Government Services Canada (PWGSC) contracts for new construction and major rehabilitation will prohibit the use of asbestos-containing materials. Further information can be found at <http://www.tpsgc-pwgsc.gc.ca/comm/vedette-features/2016-04-19-00-eng.html>.



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R2410T GENERAL INSTRUCTIONS – CONSTRUCTION SERVICES (GI) - (2020-05-28)

The following GI's are included by reference and are available at the following Web Site <https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/R>

- GI01 Integrity Provisions – Bid
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SPECIAL INSTRUCTIONS TO BIDDERS (SI)

SI01 BID DOCUMENTS

1. The following are the bid documents:
 - a. Invitation to Tender - Page 1;
 - b. Special Instructions to Bidders;
 - c. General Instructions Construction Services, R 2410T (2020-05-28)
 - d. Clauses & Conditions identified in "Contract Documents";
 - e. Drawings and Specifications;
 - f. Bid and Acceptance Form and related Appendix(s); and
 - g. Any amendment issued prior to solicitation closing.

Submission of a bid constitutes acknowledgement that the Bidder has read and agrees to be bound by these documents.

2. General Instructions Construction Services R2410T is incorporated by reference and is set out in the Standard Acquisition Clauses and Conditions (SACC) Manual, issued by Public Works and Government Services Canada (PWGSC). The SACC Manual is available on the PWGSC Web site: <https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/R>

3. Tenders received by email will be accepted as official.

R2410T section GI07, add following paragraph;

5. Tenders received by email will be accepted as official and must meet the following requirements

- a. Must be completed on the Bid and Acceptance Form
- b. Must indicate

- Solicitation number
- Bidder's name
- Closing Date and Time

c. The complete tender must be received before tender closing time at the email address indicated on page 1.

1.

SI02 ENQUIRIES DURING THE SOLICITATION PERIOD

1. Enquiries regarding this bid must be submitted in writing to the Contracting Officer named on the Invitation to Tender - Page 1 as early as possible within the solicitation period. Except for the approval of alternative materials as described in GI13 of R2410T, enquiries should be received no later than five (5) calendar days prior to the date set for solicitation closing to allow sufficient time to provide a response. Enquiries received after that time may not result in an answer being provided.
2. To ensure consistency and quality of the information provided to Bidders, the Contracting Officer will examine the content of the enquiry and will decide whether or not to issue an amendment.
3. All enquiries and other communications related to this bid sent throughout the solicitation period are to be directed ONLY to the Contracting Officer named on the Invitation to Tender - Page 1. Failure to comply with this requirement may result in the bid being declared non-responsive.



SI03 OPTIONAL SITE VISIT

It is recommended that the Bidder or a representative of the Bidder visit the work site. Arrangements have been made for the site visit to be held at Mission Minimum Institution, 33737 Dewdney Trunk Rd, Mission BC, on 11-June-2021. The site visit will begin at 11:00AM PDT at the Principal Entrance.

Bidders are requested to communicate with the Contract Authority by email (Sandra.Wilford@csc-scc.gc.ca) no later than 09-June-2021 at 12:00PM PDT to confirm attendance and provide the name(s) of the person(s) who will attend. Bidders may be requested to sign an attendance sheet. Bidders who do not attend or do not send a representative will not be given an alternative appointment but they will not be precluded from submitting a bid. Any clarifications or changes to the bid solicitation resulting from the site visit will be included as an amendment to the bid solicitation.

SI04 REVISION OF BID

A bid may be revised by email in accordance with GI08 of R2410T. The email address for receipt of revisions is indicated on page 1. The revised bid must be received in its entirety before the solicitation closing date and time indicated on page 1.

SI05 BID RESULTS

1. The responsive bid carrying the lowest price will be recommended for contract award.
2. CSC will send an official letter by email to unsuccessful bidders to inform them of the name of the winning bidder as well as the total contract value.

SI06 INSUFFICIENT FUNDING

1. In the event that the lowest compliant bid exceeds the amount of funding allocated by Canada for the Work:
 - a) by 15% or less, Canada in its sole discretion may:
 - i. cancel the solicitation; or
 - ii. obtain additional funding and, subject to the provisions of GI08 of R2410T, award the Contract to the Bidder submitting the lowest compliant bid; and/or
 - iii. negotiate a reduction in the bid price and/or scope of work with the Bidder submitting the lowest compliant bid.
 - b) by more than 15%, Canada in its sole discretion may:
 - i. cancel the solicitation; or
 - ii. obtain additional funding and subject, to the provisions of GI08 of R2410T award the Contract to the Bidder submitting the lowest compliant bid; and/or
 - iii. revise the scope of work accordingly and invite Bidders who submitted a compliant bid to the initial invitation to tender to resubmit a bid.
2. If Canada decides to enter into negotiations or request that compliant bidders resubmit a bid as per paragraph 1.a) iii. or 1. b) iii., bidders must use the same subcontractors and suppliers as for their initial offer.
3. If Canada decides to negotiate a reduction in the bid price as per paragraph 1.a) iii. and an agreement satisfactory to Canada cannot be reached, Canada will exercise option 1. a) i. or 1. a) ii.

SI07 BID VALIDITY PERIOD

1. Canada reserves the right to seek an extension to the bid validity period prescribed in BA04 of the Bid and Acceptance Form. Upon notification in writing from Canada, Bidders must have the option to either accept or reject the proposed extension.
2. If the extension referred to in paragraph 1. of SI07 is accepted, in writing, by all those who submitted bids, then Canada will continue immediately with the evaluation of the bids and its approvals processes.



3. If the extension referred to in paragraph 1. of SI07 is not accepted in writing by all those who submitted bids then Canada will, at its sole discretion, either
 - a. continue to evaluate the bids of those who have accepted the proposed extension and seek the necessary approvals; or
 - b. cancel the invitation to tender.
4. The provisions expressed herein do not in any manner limit Canada's rights in law or under GI09 of R2410T.

SI08 CONSTRUCTION DOCUMENTS

CSC may furnish additional drawings for clarification. These additional drawings will have the same meaning and intent as if they were included in the original plans referred to in the Contract Documents.

The Contractor must check the existing building dimensions before starting work and ordering any materials. The Contractor must report discrepancies affecting the work shown on the drawings to the CSC Project Manager for clarification and final decision. It is the responsibility of the Contractor to visit the site personally to verify or obtain dimensions. Any dimensions given are approximate and CSC assumes no responsibility for the accuracy of these dimensions.

SI09 WORKERS COMPENSATION BOARD AND SAFETY PROGRAM

The recommended Bidder must provide to the Contracting Authority, prior to Contract Award:

- a) a Workers Compensation Board letter of good standing, also listing covered Directors, Principals, Proprietor(s), or Partners who will be or who are anticipated to be present on the work site(s); and
- b) a Certificate of Recognition (COR) or Registered Safety plan (RSP) acceptable to the Authority Having Jurisdiction (AHJ). A health and safety policy and program, as required by the respective provincial/territorial Occupational Health and Safety Act, will be acceptable lieu of a COR or RSP. If none is required by law, a copy of the health and safety policy and program that has been sent to the AHJ for review will also be acceptable, provided that the recommended Bidder certifies that it has been sent to the AHJ.

The recommended Bidder must deliver all of the above documents to the Contracting Authority on or before the date stated (usually 3 to 5 days after notification) by the Contracting Authority. Failure to comply will result in a breach of promise, at which time the Contracting Authority will be free to approach the next lowest responsive Bidder.

SI10 WEB SITES

The connection to some of the Web sites in the solicitation documents is established by the use of hyperlinks. The following is a list of the addresses of the Web sites:

Buy and Sell <https://www.achatsetventes-buyandsell.gc.ca>

Canadian economic sanctions <http://www.international.gc.ca/sanctions/index.aspx?lang=eng>

Contractor Performance Evaluation Report (Form PWGSC-TPSGC 2913)
<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/2913.pdf>

Standard Acquisition Clauses and Conditions (SACC) Manual
<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/R>

PWGSC, Industrial Security Services <http://ssi-iss.tpsgc-pwgsc.gc.ca/index-eng.html>



PWGSC, Code of Conduct and Certifications

<http://www.tpsgc-pwgsc.gc.ca/app-acq/cndt-cndct/contexte-context-eng.html>

Construction and Consultant services Contract Administration Forms Real Property Contracting

<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaires-forms-eng.html>

Declaration Form

<https://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>

Correctional service of Canada website: <http://www.csc-scc.gc.ca/index-eng.shtml>



CONTRACT DOCUMENTS (CD)

1. The following are the contract documents:
 - a. Contract Page when signed by Canada;
 - b. Duly completed Bid and Acceptance Form and any Appendices attached thereto;
 - c. Drawings and Specifications;
 - d. General Conditions and clauses

GC1	General Provisions – Construction Services	R2810D	(2017-11-28);
GC2	Administration of the Contract	R2820D	(2016-01-28);
GC3	Execution and Control of the Work	R2830D	(2019-11-28);
GC4	Protective Measures	R2840D	(2008-05-12);
GC5	Terms of Payment	R2550D	(2019-11-28);
GC6	Delays and Changes in the Work – Construction Services	R2865D	(2019-05-30);
GC7	Default, Suspension or Termination of Contract	R2870D	(2018-06-21);
GC 8	Dispute Resolution	R2880D	(2019-11-28);
GC 9	Insurance	R2900D	(2008-05-12);
	Allowable Costs for Contract Charges Under GC6.4.1	R2950D	(2015-02-25)
	Supplementary Conditions		
 - e. Any amendment issued or any allowable bid revision received before the date and time set for solicitation closing;
 - f. Any amendment incorporated by mutual agreement between Canada and the Contractor before acceptance of the bid; and
 - g. Any amendment or variation of the contract documents that is made in accordance with the General Conditions.
2. The documents identified by title, number and date above are incorporated by reference and are set out in the Standard Acquisition Clauses and Conditions (SACC) Manual, issued by Public Works and Government Services Canada (PWGSC). The SACC Manual is available on the PWGSC Web site:

<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>
3. The language of the contract documents is the language of the Bid and Acceptance Form submitted.



SUPPLEMENTARY CONDITIONS (SC)

SC 01 INSTITUTIONAL ACCESS REQUIREMENTS

1. NIL security screening required as there is no access to sensitive information or assets. Contractor personnel will be escorted at all times by Correctional Service Canada personnel or those authorized by CSC on its behalf. CSC has developed very stringent internal policies to ensure that the security of institutional operations is not compromised.
2. Contractor personnel must adhere to institutional requirements for the conduct of searches by Correctional Service Canada prior to admittance to the institution/site. Correctional Service Canada reserves the right to deny access to any institution/site or part thereof of any Contractor personnel, at any time.

SC02 INSURANCE TERMS

1. Insurance Contracts
 - (a) The Contractor must, at the Contractor's expense, obtain and maintain insurance contracts in accordance with the requirements of the Certificate of Insurance. Coverage must be placed with an Insurer licensed to carry out business in Canada.
 - (b) Compliance with the insurance requirements does not release the Contractor from or reduce its liability under the Contract. The Contractor is responsible for deciding if additional insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any additional insurance coverage is at the Contractor's expense, and for its own benefit and protection.
2. Period of Insurance
 - (a) The policies required in the Certificate of Insurance must be in force from the date of contract award and be maintained throughout the duration of the Contract.
 - (b) The Contractor must be responsible to provide and maintain coverage for Products/Completed Operations hazards on its Commercial General Liability insurance policy, for a period of six (6) years beyond the date of the Certificate of Substantial Performance.
3. Proof of Insurance
 - (a) Before commencement of the Work, and no later than thirty (30) days after acceptance of its bid, the Contractor must deposit with Canada a Certificate of Insurance on the form attached herein.
 - (b) Upon request by Canada, the Contractor must provide originals or certified true copies of all contracts of insurance maintained by the Contractor pursuant to the Certificate of Insurance.
4. Insurance Proceeds

In the event of a claim, the Contractor must, without delay, do such things and execute such documents as are necessary to effect payment of the proceeds.
5. Deductible

The payment of monies up to the deductible amount made in satisfaction of a claim must be borne by the Contractor.

SC03 COMPLIANCE WITH APPLICABLE LAWS:

The Contractor must comply with all laws, regulations rules instructions and directives applicable to the performance of the Work or any part thereof in force on the site where the Work is to be performed. The Contractor must also comply with all laws, regulations, rules, instructions and directives applicable to the agents and servants of the Crown. The Contractor must also require compliance therewith by all of its subcontractors. Evidence of compliance with such laws,



regulations and rules must be furnished by the Contractor to the Contracting Authority at such times as the Contracting Authority may reasonable request.

Unless otherwise provided in the contract, the Contractor must obtain all permits and hold all certificates and licenses required for the performance of the Work.

Details on existing CSC policies can be found at www.csc-scc.gc.ca or any other CSC web page designated for such purpose.

SC04 WORKERS COMPENSATION

It is mandatory that every Contractor contracted for work must have an account with the Provincial Workers Compensation Board/Commission, and coverage shall be extended to cover all employees.

SC05 TUBERCULOSIS TESTING:

It is a condition of this contract that the Contractor or any employees of the Contractor who require entry into a Correctional Service of Canada Institution to fulfil the conditions of the contract may, at the sole discretion of the Warden, be required to provide proof of and results of a recent tuberculin test for the purpose of determining their TB infection status.

Failure to provide proof of and results of a tuberculin test may result in the termination of the contract.

All costs related to such testing will be at the sole expense of the Contractor.

SC06 INFORMATION GUIDE FOR CONTRACTORS

Prior to the commencement of any work, the Contractor certifies that its employees, or employees of its subcontractors, working under contract for CSC, will complete the applicable Module(s) and retain the signed checklist(s) from the CSC Information Guide for Contractors” website: www.bit.do/CSC-EN.

SC07 CLOSURE OF GOVERNMENT OFFICES

Contractor personnel are employees of the Contractor and are paid by the Contractor on the basis of services rendered. Where the Contractor or the Contractor's employees are providing services on government premises pursuant to this Contract and the said premises become non accessible due to evacuation or closure of government offices, and consequently no Work is being performed as a result of the closure, Canada will not be liable for payment to the Contractor for the period of closure.

Contractors working at CSC sites should be aware that they may be faced with delay or refusal of entry to certain areas at certain times even if prior arrangements for access may have been made. Contractors are advised to call in advance of travel to ensure that planned access is still available.

SC08 CONTRACTOR'S PERFORMANCE EVALUATION REPORT

CSC will evaluate the Contractor's performance during the execution of the work and when it is completed using PWGSC – TPSGC form 2913 “Contractor Performance Evaluation Report Form (CPERF)”. This evaluation will be based on the quality of the execution of the work, timeliness, management of on-site health and safety and the general management of the Contractor's work in relation to the effort required by the Department's employees in the administration of the contract. A completed performance evaluation report will be sent to the Contractor when the work has been completed for all projects.



SC09 PROGRESS PAYMENT

1. On the expiration of a payment period, the Contractor shall deliver to Canada:
 - a. a written progress claim in a form acceptable to Canada that fully describes any part of the Work that has been completed, and any Material that was delivered to the Work site but not incorporated into the Work, during that payment period, and
 - b. a completed and signed statutory declaration containing a declaration that, up to the date of the progress claim, the Contractor has complied with all lawful obligations and that, in respect of the Work, all lawful obligations of the Contractor to its Subcontractors and Suppliers, referred to collectively in the declaration as "subcontractors and suppliers", have been fully discharged.
2. Subject to GC5.2, "Amount Payable", and paragraph 5) of GC5.4, Canada shall pay the Contractor an amount that is equal to 90 percent of the value that is indicated in Canada's progress report.



BID AND ACCEPTANCE FORM (BA)

BA01 IDENTIFICATION

Mechanical Systems

Mission Minimum Institution

33737 Dewdney Trunk Rd., Mission BC

BA02 BUSINESS NAME AND ADDRESS OF BIDDER

Name: _____

Address: _____

Telephone: _____

Fax: _____

PBN: _____

E-mail address: _____

BA03 THE OFFER

The Bidder offers to Canada to perform and complete the Work for the above named project in accordance with the Bid Documents for the Total Bid Amount of

\$ _____ excluding applicable tax(es).
(amount in numbers)

BA04 BID VALIDITY PERIOD

The bid must not be withdrawn for a period of sixty (60) days following the date of solicitation closing.

BA05 ACCEPTANCE AND CONTRACT

Upon acceptance of the Contractor's offer by Canada, a binding Contract will be formed between Canada and the Contractor. The documents forming the Contract will be the contract documents identified in Contract Documents (CD).

BA06 CONSTRUCTION TIME

The Contractor must perform and complete the Work from Date of Contract Award to 31-July-2022 inclusive.

BA07 SIGNATURE

Name and title of person authorized to sign on behalf of Bidder (Type or print)

Signature

Date



APPENDIX 1 – DEPARTMENTAL REPRESENTATIVES

TO BE PROVIDED AT CONTRACT AWARD.

Contracting Authority is:

Name: _____

Title: _____

Department: _____

Division: _____

Telephone: _____ - _____ - _____

E-mail: _____

Technical Authority is:

Name: _____

Title: _____

Department: _____

Division: _____

Telephone: _____ - _____ - _____

E-mail: _____



APPENDIX 2 – INTEGRITY PROVISIONS – LIST OF NAMES

List of names: all bidders, regardless of their status under the Policy, must submit the following information when participating in a procurement process or real property transaction:

- bidders that are corporate entities, including those bidding as joint ventures, must provide a complete list of the names of all current directors or, for a privately owned corporation, the names of the owners of the corporation;
- bidders bidding as sole proprietors, including sole proprietors bidding as joint ventures, must provide a complete list of the names of all owners; or
- bidders that are a partnership do not need to provide a list of names.

If the list of names has not been received in a procurement process or real property transaction by the time the evaluation of bids or offers is completed, or has not been received in a procurement process or real property transaction where no bid/offer will be submitted, the contracting authority will inform the bidder of a time within which to provide the information. Providing the required names is a mandatory requirement for award of a contract or real property agreement. Failure to provide the list of names within the time specified will render a bid or offer non-responsive, or the bidder otherwise disqualified for award of a contract or real property agreement.



Annex A – CERTIFICATE OF INSURANCE (not required at solicitation closing)

CONTRACT					
Description and Location of Work Mechanical Systems Mission Minimum Institution 33737 Dewdney Trunk Rd., Mission BC			Contract No. 21C82-21-3737990/A		
			Project No.		
Name of Insurer, Broker or Agent		Address (No., Street)	City	Province	Postal code
Name of Insured (Contractor)		Address (No., Street)	City	Province	Postal code
Additional Insured Her Majesty the Queen in Right of Canada as represented by the Minister of Public Safety					

Type of insurance Required when checked		Insurer Name and Policy Number	Inception Date D/M/Y	Expiry D/M/Y	Limits of Liability		
<input checked="" type="checkbox"/>	Commercial General Liability Umbrella/Excess Liability				Per Occurrence \$ \$	Annual General Aggregate \$ \$	Completed Operations Aggregate \$ \$
<input type="checkbox"/>	Builder's Risk Installation Floater				\$		
<input type="checkbox"/>	Pollution				<input type="checkbox"/> Per Incident		Aggregate \$
<input type="checkbox"/>	Other types of insurance (list other types of insurance if required)				\$		

I certify that the above policies were issued by insurers in the course of their Insurance business in Canada, are currently in force and include the applicable insurance coverage's stated on page 2 of this Certificate of Insurance, including advance notice of cancellation / reduction in coverage.

Name of person authorized to sign on behalf of Insurer(s)
(Officer, Agent, Broker)

Telephone Number

Signature

Date (D/M/Y)



CERTIFICATE OF INSURANCE (not required at solicitation closing)

PAGE 2 of 2

General

The insurance policies required on page 1 of the Certificate of Insurance must be in force and must include the insurance coverage listed under the corresponding type of insurance on this page.

The policies must insure the Contractor and must include Her Majesty the Queen in Right of Canada as represented by the Minister of Public Safety Canada as an additional Insured.

The insurance policies must be endorsed to provide Canada with not less than thirty (30) days notice in writing in advance of a cancellation of insurance or any reduction in coverage.

Without increasing the limit of liability, the policies must protect all insured parties to the full extent of coverage provided. Further, the policies must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.

Commercial General Liability.

The insurance coverage provided must not be substantially less than that provided by the latest edition of IBC form 2100.

The policy must either include or be endorsed to include coverage for the following exposures or hazards if the Work is subject thereto:

- a) blasting;
- b) pile driving and caisson work;
- c) underpinning;
- d) removal or weakening of support of any structure or land whether such support be natural or otherwise if the work is performed by the insured contractor.

The policy must have the following minimum limits:

- a) \$5,000,000 Each Occurrence Limit;
- b) \$10,000,000 General Aggregate Limit per policy year if the policy contains a General Aggregate; and
- c) \$5,000,000 Products/Completed Operations Aggregate Limit.

Umbrella or excess liability insurance may be used to achieve the required limits.

Builder's Risk / Installation Floater.

The insurance coverage provided must not be less than that provided by the latest edition of IBC forms 4042 and 4047.

The policy must permit use and occupancy of any of the projects, or any part thereof, where such use and occupancy is for the purposes for which a project is intended upon completion.

The policy may exclude or be endorsed to exclude coverage for loss or damage caused by asbestos, fungi or spores, cyber and terrorism.

The policy must have a limit that is **not less than the sum of the contract value** plus the declared value (if any) set forth in the contract documents of all material and equipment supplied by Canada at the site of the project to be incorporated into and form part of the finished work. If the value of the work is changed, the policy must be changed to reflect the revised contract value.

The policy must provide that the proceeds thereof are payable to Canada or as Canada may direct in accordance with GC10.2, "Insurance Proceeds" (<https://buyandsell.gc.ca/policy-and-guidelines/standards-acquisition-clauses-and-conditions-manual/5/R/R2900D/2>).

Contractors Pollution Liability

The policy must have a limit usual for a contract of this nature, but no less than \$1,000,000 per incident or occurrence and in the aggregate.



ANNEX B – LISTING OF SUBCONTRACTORS

- 1) In accordance with GI06 – Listing of Subcontractors and Suppliers of R2410T – General Instructions – Construction Services, the Bidder should provide a list of Subcontractors with his Bid.
- 2) The Bidder should submit the list of Subcontractors and for any portion of the Work valued at 20% or greater of the submitted In Price.

	Sub-contractor	Division	Estimated Value
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			



ANNEX C – Scope of Work

General Information

CORCAN Construction Pacific Region has a requirement for the Supply and Installation of Mechanical Systems. The jobsite is at Mission Minimum Institution, located in Mission BC.

Background

The Mandate of CORCAN Construction is to provide employment and employability skills training to offenders incarcerated in federal penitentiaries. When deemed appropriate by CORCAN Construction, the Contractor may be required to assist in the Mandate by working with Offenders. The Offenders will be supervised by CORCAN. The Offenders will be considered unskilled labour and the Contractor will help them gain knowledge and skills in the trade(s) being carried out. The Offenders are employed by CORCAN Construction and no financial obligations are required of the Contractor as a result of having them as part of the workforce. The Offenders are considered to have the potential to be productive upon receiving training necessary to their work and will be removed or replaced upon request from the Contractor should they not show improvement or interest in the work they are tasked with.

Scope of Work

The Contractor must Supply all labour, material, tools, equipment, transportation, and supervision necessary to complete the Scope of Work as detailed:

1. The Contractor must remove existing services, repair existing pipework, and install new equipment as shown in drawings and specifications
2. Contractor must disconnect and reinstate existing medical equipment as per drawings and specs, removal and storage done by others
3. The Contractor must scan, saw cut, remove and trench out concrete floors to run services below slab. Backfill of services and concrete repair done by others
4. The Contractor must provide hoisting, crane services, lifting, handling of materials and necessary equipment to carry out identified work.
5. The Contractor is responsible for fire stopping any mechanical penetration through fire rated barriers
6. The Contractor must decommission and remove existing identified rooftop HV-1 upon the commissioning and start up of new AHU-1 as noted on Drawing M2. The Contractor must coordinate with site roofing Contractor to schedule removal of curb and to make repairs as needed as noted on Drawing M2
7. The Contractor must submit engineered shop drawings to CORCAN Construction for review and approval prior to fabrication.
8. The Contractor must coordinate submittals for the project as per Section 01 01 50 with CORCAN Construction Representatives.
9. The Contractor must identify a Project Manager who will be responsible for the overall management of the project and must represent the Contractor if required.
10. The Contractor must dispose of all waste materials in an environmentally friendly manner. This includes recycling where possible.



11. All materials and equipment incorporated into the project must be new unless noted otherwise. The Contractor must transport and safeguard all materials and equipment required for construction.
12. The Contractor, if requested by the Technical Authority, must supply samples and certification that all materials furnished fully comply with the specifications identified in the Scope of Work.
13. All work must be performed during regular business hours: Monday to Friday 0730 – 1600 hrs.

Specifications

01 01 50	General Instructions
01 14 10	Security requirements
01 35 33	Health and Safety Requirements
01 91 00	Commissioning
02 41 99	Demolition for Minor Works
07 84 00	Firestopping (Trade related only)
11 70 00	Healthcare Equipment
21 05 00	Fire Extinguisher
21 13 13	Sprinkler System
22 11 16	Domestic Water Piping
22 13 17	Drainage, Waste and Vent Piping
22 34 05	Domestic Water Heaters
22 42 01	Plumbing Specialties and Accessories
22 42 02	Commercial Plumbing Fixture
22 62 13	Vacuum Piping
22 62 14	Dental Air System
23 05 00	Common Work Results – Mechanical
23 05 01	Use of Mechanical Systems during Construction
23 05 05	Installation of Pipework
23 05 13	Common Motor Requirements for HVAC Equipment
23 05 14	Adjustable Speed Drive Controllers
23 05 21	Thermometers & Pressure Gauges – Piping Systems
23 05 29	Hangers and Supports for Piping and Equipment
23 05 48	Vibration and Seismic Controls for Ductwork Piping and Equipment
23 05 53	Mechanical Identification
23 05 93	Testing, Adjusting & Balancing for HVAC
23 07 13	Thermal Insulating for Ducting
23 07 19	Thermal Insulating for Piping
23 08 00	Commissioning of Mechanical Systems
23 08 01	Performance Verification Mechanical Piping Systems
23 11 23	Gas Piping
23 31 10	Cleaning of Mechanical Duct Systems
23 31 14	Metal Ducts
23 33 00	Air Duct Accessories
23 33 14	Dampers
23 34 00	HVAC Fans
23 36 00	Air Terminal Units
23 37 13	Diffusers, Grilles & Registers
23 73 12	Halocarbons Management
23 74 13	Outdoor Packaged DX Air Handling Units
23 82 16	Air Coils
23 90 00	Mechanical Schedules
25 05 01	EMCS: General Requirements
25 30 11	EMCS: Building Controllers
25 30 12	EMCS: Field Control Devices
25 90 11	EMCS: Sequences of Operation
33 46 16	Subdrainage Piping



Appendixes

- Appendix 3 List of Equipment Relocated and Installed by Contractor (For Reference)
Appendix 4 List of Equipment to be Purchased and Installed by Contractor (For Reference)

Drawings

- A000 Cover Sheet
- A101 Site Plan
- D201 Demolition Plan Ground Floor
- D301 Demolition Plan Reflected Ceiling Plan
- A202 Ground Floor Plan
- A203 Roof Plan
- A301 Ground Floor Reflective Ceiling Plan
- A503 Wall Section
- A612 Exterior Section Details Sheet 3
- A901 Furniture And Equipment Layout Floor Plan
- M-1 Legend – Air Balance Table Mechanical
- M-2 Main Floor Plan – Demolition
- M-3 Main Floor Plan – Mechanical
- M-4 Roof Plan – Mechanical
- M-5 Building Section – Mechanical
- P-1 Foundation Plan – Plumbing
- P-2 Main Floor Plan – Plumbing
- P-3 Legend and Details
- F-1 Legend and Details – Fire Protection
- F-2 Main Floor Plan – Fire Protection

COVID-19 Mitigation Plans

Due to the impacts from the COVID-19 pandemic, temporary measures are being taken on-site at CSC institutions
Please refer to Fact Sheet for Contractors:

[Resuming program and service delivery in CSC institutions](#)



ANNEX D – DRAWINGS

The DRAWINGS for the work required are provided as a separate attachment.

The DRAWINGS are to be referenced along with the SCOPE OF WORK and the SPECIFICATIONS.



ANNEX E – SPECIFICATIONS

The SPECIFICATIONS for the work required are provided as a separate attachment.

The SPECIFICATIONS are to be referenced along with the SCOPE OF WORK and the DRAWINGS.