



Public Works and Government Services Canada

Edmonton Maximum Security Institution Pumphouse - Flowmeter and Diesel Storage Tank Replacement

PWGSC Ref.: R.069549.001

ADDENDUM No. 2 Mechanical

November 3, 2014

O/Ref.: 005-P-0005244-100-05-GN-S-0002-02

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Mechanical
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RECORD OF REVISIONS AND ISSUES		
REVISION #	DATE	DESCRIPTION OF THE MODIFICATION AND/OR THE ISSUE
02	2014-11-03	Addendum No. 2 "This document shall not be used for construction purposes"
01	2014-09-29	Addendum No. 1 "This document shall not be used for construction purposes"
00	2014-07-17	For Tender "This document shall not be used for construction purposes"
0B	2014-05-29	Preliminary 90% "This document shall not be used for tender or for construction purposes"
0A	2014-05-16	Preliminary 50% "This document shall not be used for tender or for construction purposes"

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ADDENDUM No. 2 Mechanical

This addendum completes, modifies or eliminates certain elements of the tender documents, which the addendum refers to. It is an integral part of the tender documents.

1. SPECIFICATIONS

The following sections from the specifications are issued with the current addendum.

<u>Sections</u>	<u>Pages issued</u>
GN 00 00 00	i
GN 00 00 01	i
01 14 00	1 and 2

2. DRAWINGS

2.1 MECHANICAL

Drawings No. H02 and No. H03 are issued with the current addendum.

2.1.1 Drawing No. H02, rev. 01 (drawing issued)

- Temporary supply of water to facility with 2 in Ø flexible piping and temporary flange.
- Existing water piping is steel with epoxy coating, remove coating before welding and reapply epoxy, let dry 24 hours before installation of water meter assembly.

2.1.2 Drawing No. H03, rev. 01 (drawing issued)

- Water meter assembly must be fabricated prior to initial shut down to minimize inconvenient.

DIVISION 01 - GENERAL REQUIREMENTS

Section No.	Discipline	Description	No. of Pages	Rev.
01 11 11	All	Summary of Work	4	00
01 14 00	All	Work Restrictions	2	01
01 31 19	All	Project Meetings	3	00
01 32 16.06	All	Construction Progress Schedule - Critical Path Method (CPM)	11	00
01 33 00	All	Submittal Procedures	6	00
01 35 29.06	All	Health and Safety Requirements	4	00
01 45 00	All	Quality Control	2	00
01 51 00	All	Temporary Utilities	2	00
01 52 00	All	Construction Facilities	4	00
01 56 00	All	Temporary Barriers and Enclosures	2	00
01 61 00	All	Common Product Requirements	5	00
01 73 00	All	Execution	3	00
01 74 11	All	Cleaning	3	00
01 74 21	All	Construction/Demolition Waste Management and Disposal	2	00
01 77 00	All	Closeout Procedures	2	00
01 78 00	All	Closeout Submittals	10	00
01 91 13	All	General Commissioning (Cx) Requirements	11	00
01 91 33	All	Commissioning Forms	3	00
		Appendices: Commissioned Systems and Commissioning Forms: Diesel Day Tank and Flowmeter	6	---
01 91 41	All	Commissioning: Training	4	00

DIVISION 22 - PLUMBING

Section No.	Discipline	Description	No. of Pages	Rev.
22 11 16	Pb	Domestic Water Piping	7	00

DIVISION 23 - HEATING, VENTILATING AND AIR-CONDITIONING (HVAC)

Section No.	Discipline	Description	No. of Pages	Rev.
23 05 00	MB	Common Work Results for Mechanical	5	00

MECHANICAL

Drawing No.	Title	Rev.
H01	Legend, Drawing List And Controls Diagram	00
H02	Plumbing Pumphouse Demolition	01
H03	Plumbing Pumphouse New Layout	01
H04	Fuel Diagram Demolition - New Layout	00

ELECTRICAL

Drawing No.	Title	Rev.
E01	Electricity Pumphouse New Layout	00
E02	Electricity Pumphouse Demolition	00

END OF SECTION

PART 1 - GENERAL**1.1 USE OF SITE AND FACILITIES**

- .1 Execute Work with least possible interference or disturbance to normal use of premises. Make arrangements with Departmental Representative to facilitate Work as stated.
- .2 Maintain existing services to building and provide for personnel and vehicle access.
- .3 Where security is reduced by Work provide temporary means to maintain security.
- .4 Departmental Representative will assign sanitary facilities for use by Contractor's personnel. Keep facilities clean.
- .5 Closures: Protect Work temporarily until permanent enclosures are completed.

1.2 EXISTING SERVICES

- .1 Notify, Departmental Representative and utility companies of intended interruption of services and obtain required permission.
- .2 Where Work involves breaking into or connecting to existing services, give Departmental Representative 48 hours of notice for necessary interruption of mechanical service throughout course of Work. Keep duration of interruptions minimum. Carry out interruptions after normal working hours of occupants, preferably on weekends.

1.3 SPECIAL REQUIREMENTS

- .1 Submit schedule in advance to Departmental Representative for review and approval.
- .2 Ensure Contractor's personnel employed on site become familiar with and obey regulations, including safety, fire, and security regulations.
- .3 Keep within limits of Work and avenues of ingress and egress.
- .4 Contractor will have to shut down the cold water supply to the entire establishment in order to install temporary supply hooked up to a 2 in shut off valve to a bolt on flange on the supply pipe to the institution. A second shut down will occur only after all the work on the existing 8 in steel and prefabrication of all the fittings and transition for the installation of the new water meter beforehand for the final installation of new meter and fittings assembly. This interruption will have to be minimized and Contractor shall take measures to prefabricate all of the fittings and transition for the installation of the new water meter beforehand.

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1.4 BUILDING SMOKING ENVIRONMENT

- .1 Comply with smoking restrictions. Smoking is not permitted.

PART 2 - PRODUCTS

2.1 NOT USED

- .1 Not Used.

PART 3 - EXECUTION

3.1 NOT USED

- .1 Not Used.

END OF SECTION