

**PWGSC**

**Warkworth Institution – Living Units Duct Cleaning**

**Mechanical Systems**

**ADDENDUM N° M-01**

**July 31, 2013**

**O/Ref.: 034-P034593-0300-000-ME-0001-02**

# PWGSC

## Warkworth Institution – Living Units Duct Cleaning

### Mechanical Systems

### ADDENDUM N° M-01

Mechanical  
Approved by :



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RECORD OF REVISIONS AND ISSUES		
REVISION #	DATE	DESCRIPTION OF THE MODIFICATION AND / OR OF THE ISSUE
02	2013-07-31	Addendum N° M-01
01	2013-05-28	Re-Issued for Tender
00	2013-04-19	Issued for Tender
0B	2013-03-27	Issued for 99% Review
0A	2013-02-11	Issued for 66% Review

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## Warkworth Institution – Living Units Duct Cleaning

### Mechanical Systems

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This addendum forms part of the tender documents to which it refers to, by completing, modifying or eliminating certain elements.

## 1 CONTRACTOR QUESTIONS

### 1.1 Question 1

Coming from experience with working in correctional facilities there is typically a phasing plan provided to determine how much of an area can be done during each phase. A phase plan is also typically provided so the facility and the contractors know which cells will be required to be emptied. Although there is no work to be done in these cells, we will still be required to enter the cells to cover the air duct so no dust comes through and into the cell where we are cleaning. Please provide a phasing plan if necessary. Also, will we be required to allow for down time?

**Response:** In Buildings WW05 and 06, hours of work are from 8:00 am to 4:00 pm; the time to enter and leave the site each day is included in this time period. Only two cells may be vacated at any one time in buildings WW05 and 06. In buildings WW08, 09, 10, and 11, hours of work are from 8:00 am to 6:00 pm; the time to enter and leave the site each day is included in this time period. In these four buildings, only one range (which consists of 1 wing on 1 floor) may be vacated at any one time.

Building WW05 has 33 cells and building WW06 has 16 cells, for a total of 49 cells that can be vacated two at a time. Buildings WW08, 09, 10, and 11 each have 17 cells per range, 3 ranges, on 2 floors for a total of 24 ranges containing 408 cells, which can be vacated one range at a time. For buildings WW05 and 06, it may be assumed that four cells may be completed per day, for a total of 13 days work. For buildings WW08, 09, 10 and 11, it may be assumed that one side of each range (8 or 9 cells) may be completed per day, for a total of 48 days work. Contractor shall take this extra time into account when allowing for down time.

### 1.2 Question 2

Please clarify to who we are to request a fire alarm bypass? Is there a cost associated with this, and if so, who is responsible?

# ADDENDUM N° M-01

**Response:** Fire alarm bypass requests shall be made to the facilities manager. There is no cost associated with a fire alarm bypass for this facility.

## 1.3 Question 3

Is there a designated safe zone for contractors to store their tools when not in use? We would suggest that the contractor rent a storage container that can be locked or keep their tool sand equipment in the company vehicles. Our understanding is that all tools are to be removed from site daily including all equipment. Inmates can never have access to this.

**Response:** It is suggested that the contractor rent a storage container that can be locked, or that tools and equipment be kept in the company vehicles. All tools are to be removed from site daily, including all equipment.

## 1.4 Question 4

Could you please provide further clarification with regards to section 23 01 31, 1.5, .3, .1 which states that submitted video should include the following:

.1 Areas tested for particulate analysis or microbial growth evaluation;

Could you please confirm that the sampling and testing is to be done for particulate ONLY and that any identification of microbial growth is through visual discovery and will be noted and locations, if any, identified?

**Response:** Confirmed. Sampling and testing is to be done for particulate only. The video survey should note locations where microbial growth is detected through visual observation.

## 2 OWNER/DESIGN DIRECTED CHANGES

### 2.1 Return Grilles

Description of modifications:

Drawings indicate to remove return grilles for ductwork cleaning. Removal of return grilles is not obligatory as long as access to the return grille for cleaning can be obtained through an access panel in the return duct located in the chase behind the wall.

# ADDENDUM N° M-01

## 2.2 Grille Replacement

Description of modifications:

General Note 6 on drawings M402 to M406 indicate to allow for replacement of 10% of all supply and return grilles. This note shall be revised to require that a total of 5% of the grilles for each size for supply and return shall be purchased and stored on site prior to beginning the first phase of work. In addition, 20% of the balancing dampers for each size for supply shall be purchased and stored on site prior to beginning the first phase of work.

## 2.3 Specifications

Description of modifications:

### **Specifications and Drawing Index**

01 11 01 – General Instructions Minor Work

Revise to read: 01 11 01 – General Instructions

### **01 11 01 General Instructions**

1.6 COST BREAKDOWN

Paragraph 4 shall be deleted.

1.17 TEMPORARY UTILITIES

1.17.1 Delete: "Carry out all interruptions after normal working hours of the occupants, preferably on weekends."

1.40 OPSS AND OPSD

Delete this article in its entirety.

### **01 14 00 Work Restrictions**

1.4 EXISTING SERVICES

1.4.2 Delete: "Carry out all interruptions after normal working hours of the occupants, preferably on weekends."

### **01 33 00 Submittal Procedures**

1.3 PHOTOGRAPHIC AND VIDEO DOCUMENTATION

Add ".5 It is forbidden to take pictures of inmates, of CSC staff members or of any part of the Institution other than those required as part of this Contract."

### **23 05 00 Common Work Results for HVAC**

1.1 RELATED SECTIONS

1.1.1 Revise to read "Section 23 01 31 - Air Duct Cleaning for HVAC Systems."

### **23 05 93 Testing, Adjusting and Balancing for HVAC**

1.20 AIR SYSTEMS

# ADDENDUM N° M-01

Add “.2.1 Balancing is not required for duct branches or grilles that do not have a balancing damper or that have a balancing damper that is not functional. For duct branches that are impossible to balance within the specified range, at a minimum ensure airflow at the last grille of each duct branch.”

## **23 33 00 Air Duct Accessories**

### **2.4 TAMPER RESISTANT FASTENERS**

2.4.1 Revise to read “Tamper-resistant fasteners for mechanical system components to match existing fasteners in all respects.

- .1 Zinc plated case-hardened steel construction.
- .2 Head style and shaft type to match existing. Sizes as directed by Departmental Representative.
- .3 Tampruf fasteners.

End of Addendum