

## **ADDENDUM N° 1**

**Project number : R.042138.001 – Major renovation (Building 8) - Cowansville**

**The following changes to the tender documents are effective immediately.  
This addendum will be part of the contract documents.**

### **DRAWINGS**

#### **1. MECHANICAL – FIRE PROTECTION**

1. M116 – Fire protection renovation – Building n° 8 – Basement and service space
  1. Dry chemical extinguisher and carbon dioxide added.
  2. Note 1 has been deleted.
  3. See drawing M116 rev. 1 attached for modification details.
2. M117 – Fire protection renovation – Building n° 8 – Ground floor and second floor
  1. The fire extinguisher located in the security post is a water type.

### **TECHNICAL SPECIFICATIONS**

1. Section 10 44 16.19 – Portable Extinguishers (see attached pages 3 to 5)
  1. Article 2.1 : Reference tag added to the water extinguisher.
  2. Article 2.1.2.2 is revised as followed : « Fire types : Class A ».
  3. Article 2.2 : Reference tag added to the multipurpose dry chemical extinguisher.
  4. Article 2.2.2.2 is revised as followed : « Fire types : A, B and C».
  5. New article : Carbon dioxide extinguisher description added.
2. Section 21 12 01 - Standpipe and Hose Assembly
  1. Article 2.5.5.1.5 added : « Cabinet with safety cam lock ».
3. Section 21 13 20 - Pre-action Systems
  1. Art. 2.10.1.2 is revised as followed : « Smoke, as well as the horns and the strobe are all compatible with pre-action control panel ».

Fire Protection  
Prepared by :

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Bruno Lehoux, Eng.

- .3 Submit the following documents in accordance with section 01 33 00 - Submittal Procedures.
  - .1 Test reports.
    - .1 Instructions: submit installation instructions provided by manufacturer.

## 1.7 WASTE MANAGEMENT AND DISPOSAL

- .1 Sort waste in order to re-use and recycle in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .2 Collect packaging materials and send to appropriate recycling facilities.
- .3 Collect and sort plastic, paper and corrugated cardboard wrappings, and dispose them in appropriate designated bins in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .4 Fold up, flatten and place metal banding in designated area for recycling.
- .5 Eliminate hazardous materials in accordance with the Canadian Environmental Protection Act, Transportation of Dangerous Goods Act, and provincial and municipal regulations.
- .6 Transport unused metal elements to a recycling facility approved by the Departmental Representative.

## 1.8 TRANSPORT, STORAGE AND HANDLING


- .1 Conditioning, Transport, Handling and Unloading:
  - .1 Transport, handle and deliver materials and equipment as per manufacturers written instructions.
  - .2 Deliver materials and equipment in good condition to the construction site and in their closed original packaging which must bear the manufacturer's name, address and ULC approval.
- .2 Storage and Protection:
  - .1 Store materials and equipment as per manufacturers' recommendations, in a clean, dry and well ventilated place.
  - .2 Replace all defective materials and equipment with new materials and equipment.

## **PART 2 - PRODUCTS**

### 2.1 WATER EXTINGUISHER (EXP-1)


- .1 Water extinguisher with lever and stainless steel body.
- .2 Specification:



- .1 Certification: CAN/ULC-S507 and UL-626.
- .2 Fire types: Class A. 
- .3 UL/ULC rating: 2A.
- .4 Extinguisher capacity: 9,5 L (2,5 gal US).
- .5 Actuation: Stored pressure.
- .6 Acceptable products: Amerex, modèle 240; Ansul, modèle Sentry W02-1; Guardian, modèle 4502.

## 2.2 MULTIPURPOSE DRY CHEMICALS EXTINGUISHERS (EXP-2)



- .1 Multipurpose dry chemicals portable fire extinguishers: permanent pressure type, refillable, equipped with flexible hose with closing valve and pressure gauge.
- .2 Characteristics:
  - .1 Approval: CAN/ULC-S504.
  - .2 Fire types: A, B and C. 
  - .3 Minimum ULC Class: 4-A: 80-B:C.
  - .4 Minimum capacity: 4.54 kg (10 lb).
  - .5 Activation: permanent pressure.
  - .6 Acceptable products:
    - .1 Light and ordinary Hazards: Ansul, AA10S model; Amerex, B456 model; Pyrochem PC10SAB+1 model.

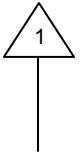
## 2.3 CARBON DIOXIDE EXTINGUISHER (EXP-3)



- .1 Fully charged carbon dioxide extinguisher, aluminum tank, equipped with isolated handle, flexible hose kit and spray nozzle, triggered by automatic lever type faucet or pressed lever.
- .2 Characteristics:
  - .1 Approval: CAN/ULC-S503 et UL-154.
  - .2 Fire types : B et C.
  - .3 Minimum UL/ULC Class : 10B -C.
  - .4 Minimum capacity : 4,54 kg (10 lb).
  - .5 Actuation: permanent pressure.

.6 Acceptable products:

- .1 Strike First, modèle SF-10CO2; Ansul, modèle Sentry 10 – CD10A-1;  
Amerex, modèle 330.



## 2.4 EXTINGUISHER BRACKETS

- .1 Brackets as recommended by extinguishers manufacturer.

## 2.5 LABELLING

- .1 Extinguishers must be labelled in accordance with NFPA 10 standard.
- .2 Attach, stick or affix label on extinguishers with bilingual inscription, showing year, month and day of installation. Space must be provided to indicate periodic inspection dates.

## PART 3 - EXECUTION

### 3.1 MANUFACTURER'S INSTRUCTIONS

- .1 Conformity: comply with manufacturer's written recommendations or specifications, including product technical bulletins, handling, storage and installation instructions, and datasheet.

### 3.2 INSTALLATION

- .1 Install or assemble extinguishers on brackets or in cabinets, as specified, while complying with NFPA 10 standard.
- .2 Ensure that all portable extinguishers are filled before installing.

### 3.3 FIELD QUALITY CONTROL

- .1 Field quality control from manufacturer:
- .1 The manufacturer must state his recommendations regarding the operation of the products and carry out periodical visits to verify that implementation is achieved as per recommendations.

### 3.4 CLEANING

- .1 Clean up as per section 01 74 11 - Cleaning.

**END OF SECTION**