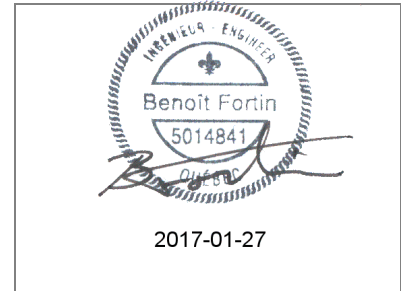


January 27th, 2017

ADDENDUM PAGEAU MOREL NO.01



Mechanical

1 GENERAL

- 1.1 This addendum is part of and shall be read jointly with the tender documents. In the case of contradiction, this document has precedence.

2 SCOPE

- 2.1 Tender specifications modifications.

3 ELECTROMECHANICAL DESCRIPTION

- 3.1 Specifications – Section 23 33 15

- 3.1.1 Article 2.1.5 is amended as follows:

.5 Operator: provided by section 25.

- 3.2 Specifications – Section 23 36 00

- 3.2.1 Article 2.3.5.1 is amended as follows:

.1 Operator and controller: provided by section 25.

- 3.2.2 Article 2.3.8 is added as follows:

.8 Flow meter cross in hot and cold air inlets.

- 3.2.3 Article 2.4.1.1 is amended as follows:

.1 Pressure independent venturi terminal units with flow regulators for constant or variable flow rate operation.

- 3.2.4 Article 2.5.1.4 is added as follows:

.4 To provide with pressure independant motorized terminal units with variable/constant flow rate.

- 3.3 Specifications – Section 25 30 01

- 3.3.1 Article 3.1.1 is amended as follows:

.1 Install controllers in service shafts provided for such use. Refer to drawings of division 26 for location of existing equipment. For local control units, they could be installed in the upperceiling of laboratories.

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3.3.2 Article 3.2.4 is added as follows:

- .4 Install local control units on mixing boxes and other specified mechanical systems.*

3.4 Specifications – Section 25 30 02

3.4.1 Article 2.23.2 is amended as follows:

- .2 Use FT4 wiring in conduit.*

3.4.2 Article 2.27 is added as follows:

2.27 FLOW MEASUREMENT IN VENTILATION DUCTS

.1 Specifications

- .1 PVC/ABS spherical pressure sensor with surface cells capable of amplifying the pressure inside the pressure chamber and causing a zone of low pressure downstream. Pressure sensors inside the pressure chambers at the front and at the back of the sensor.*
- .2 Transmitter with the following specifications:*
 - .1 Automatic zero setting;*
 - .2 Transmitter temperature kept constant with heating element;*
 - .3 NEMA 4X waterproof case;*
 - .4 4-20 mA output signal in a load of 500 ohms maximum resistance;*
 - .5 4-20 mA input signal for outdoor temperature;*
 - .6 $\pm 2\%$ precision of reading.*

3.4.3 Article 3.5.1 is repealed.

3.5 MECHANICAL Drawings

3.5.1 The drawings are revised as per drawing list transmitted with this addendum.

3.6 ELECTRICAL Drawings

3.6.1 No revision to the drawings.

LISTE DES DESSINS DRAWINGS LIST

ÉMISSION / ISSUE			
DATE		2017-01-27	
RAISON / REASON		Émis pour addenda no.1 Issued for addendum no.1	
PAGE	TITRE DU DESSIN / DRAWINGS LIST	RÉVISION / REVISION	DESCRIPTION
M01	Page frontispice Front page	0	
M02	Légende Legend	0	
M03	Protection incendie - Sous-sol - Existant Fire Protection - Basement - Existing	0	
M04	Protection incendie - 1er Étage - Démolition Fire Protection - 1st Floor - Demolition	0	
M05	Protection incendie - 1er Étage - Modifié Fire Protection - 1st Floor - Modified	0	
M06	Protection incendie - 2e Étage - Démolition Fire Protection - 2nd Floor - Demolition	0	
M07	Protection incendie - 2e Étage - Modifié Fire Protection - 2nd Floor - Modified	0	
M08	Plomberie - Sous-sol - Démolition Plumbing - Basement - Demolition	0	
M09	Plomberie - Sous-sol - Modifié Plumbing - Basement - Modified	0	
M10	Plomberie - 1er Étage - Démolition Plumbing - 1st Floor - Demolition	0	
M11	Plomberie - 1er Étage - Modifié Plumbing - 1st Floor - Modified	0	
M12	Plomberie - Services de lab. - 1er Étage - Démolition Plumbing - Lab. Services - 1st Floor - Demolition	0	
M13	Plomberie - Services de lab. - 1er Étage - Modifié Plumbing - Lab. Services - 1st Floor - Modified	1	Émis Issued
M14	Plomberie - Services de lab. Temporaire - 1er Étage - Modifié Plumbing - Temporary Lab. Services - 1st Floor - Modified	0	
M15	Plomberie - 2e Étage - Démolition Plumbing - 2nd Floor - Demolition	0	
M16	Plomberie - 2e Étage - Modifié Plumbing - 2nd Floor - Modified	0	
M17	Plomberie - Services de lab. - 2e Étage - Démolition Plumbing - Lab. Services - 2nd Floor - Demolition	0	
M18	Plomberie - Services de lab. - 2e Étage - Modifié Plumbing - Lab. Services - 2nd Floor - Modified	1	Émis Issued

LISTE DES DESSINS DRAWINGS LIST

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DATE		2017-01-27	
RAISON / REASON		Émis pour addenda no.1 Issued for addendum no.1	
PAGE	TITRE DU DESSIN / DRAWINGS LIST	RÉVISION / REVISION	DESCRIPTION
M19	Plomberie - Drainage - Diagrammes - Modifié <i>Plumbing - Drain - Diagrams - Modified</i>	0	
M20	Plomberie - Alimentation - Diagrammes - Modifié <i>Plumbing - Supply - Diagrams - Modified</i>	0	
M21	Plomberie - Services de lab. - Diagrammes - Modifié <i>Plumbing - Lab. Services - Diagrams - Modified</i>	1	Émis Issued
M22	Plomberie - Détails - Démolition / Modifié <i>Plumbing - Details - Demolition / Modified</i>	0	
M23	Tuyauterie - Modifié <i>Piping - Modified</i>	0	
M24	Tuyauterie - Détails - Modifié <i>Piping - Details - Modified</i>	0	
M25	Ventilation - 1er Étage - Démolition <i>Ventilation - 1st Floor - Demolition</i>	1	Émis Issued
M26	Ventilation - 1er Étage - Modifié <i>Ventilation - 1st Floor - Modified</i>	0	
M27	Ventilation - 2e Étage - Démolition <i>Ventilation - 2nd Floor - Demolition</i>	1	Émis Issued
M28	Ventilation - 2e Étage - Modifié <i>Ventilation - 2nd Floor - Modified</i>	0	
M29	Ventilation - 3e Étage - Démolition <i>Ventilation - 3rd Floor - Demolition</i>	0	
M30	Ventilation - 3e Étage - Modifié <i>Ventilation - 3rd Floor - Modified</i>	0	
M31	Ventilation - Détails et Coupes - Modifié <i>Ventilation - Details and sections - Modified</i>	0	
M32	Multidisciplinaire - Appentis et toit - Démolition <i>Multidisciplinary - Penthouse and Roof plan - Demolition</i>	0	
M33	Multidisciplinaire - Appentis et toit - Modifié <i>Multidisciplinary - Penthouse and Roof plan - Modified</i>	0	
M34	Régulation - Diagrammes de pièces - Modifié <i>Regulation control - Room Diagrams - Modified</i>	0	
M35	Régulation - Diagrammes - Modifié <i>Regulation control - Diagrams - Modified</i>	1	Émis Issued
M36	Tableaux mécaniques <i>Mechanical charts</i>	0	