

<b>Project Title:</b>	<b>Addendum No: 3</b>
New Daycare, Iqaluit	
<b>Project Location:</b>	<b>Project Number:</b>
Iqaluit, NU	R082769.001
<b>Consultant's Name:</b>	<b>Date: 2018-04-24</b>
EVOQ Architecture	

The following changes in the bid documents are effective immediately.  
This addendum will form part of the contract documents.

## Drawings

### ARCHITECTURE

1. **Drawing A-002 – TYPICAL ASSEMBLIES & CODE ANALYSIS**  
Replace by the attached drawing.
2. **Drawing A-451 - ENVELOPE DETAILS**  
Replace by the attached drawing.
3. **Drawing A-455 – ENVELOPE DETAILS**  
Replace by the attached drawing.
4. **Drawing A-501 – INTERIOR DETAILS**  
Replace by the attached drawing.

### MECHANICAL

1. **Drawing M-200-PLUMBING – DOMESTIC WATER DISTRIBUTION – CRAWL SPACE & GROUND FLOOR**  
Replace by the attached drawing.
2. **Drawing M-203-PLUMBING – DRAINAGE – 2<sup>nd</sup> FLOOR AND ROOF**  
Replace by the attached drawing.
3. **Drawing M-204-PLUMBING – DETAILS AND DRAINAGE DIAGRAM**  
Replace by the attached drawing.
4. **Drawing M-300-HEATING AND CONTROLS – CRAWL SPACE & GROUND FLOOR**  
Replace by the attached drawing.
5. **Drawing M-301- HEATING AND CONTROLS – 2<sup>nd</sup> FLOOR AND ROOF**  
Replace by the attached drawing.
6. **Drawing M-302- INFLOOR RADIANT HEATING AND CONTROLS – GROUND FLOOR**  
Replace by the attached drawing.

7. **Drawing M-303**- INFLOOR RADIANT HEATING AND CONTROLS – 2<sup>nd</sup> FLOOR AND ROOF  
Replace by the attached drawing.
8. **Drawing M-400**-VENTILATION – CRAWL SPACE & GROUND FLOOR  
Replace by the attached drawing
9. **Drawing M-500**- SPRINKLER PROTECTION PLAN – GROUND FLOOR  
Replace by the attached drawing
10. **Drawing M-501**- SPRINKLER PROTECTION PLAN – 2<sup>ND</sup> FLOOR  
Replace by the attached drawing
11. **Drawing M-600**-CONTROL DIAGRAMS  
Replace by the attached drawing
12. **Drawing M-603**-CONTROL DIAGRAMS  
Replace by the attached drawing

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#### **ELECTRICAL**

1. **Drawing E-300**- ELECTRICITY – LIGHTING – CRAWL SPACE & GROUND FLOOR  
Replace by the attached drawing.
2. **Drawing E-301**-ELECTRICITY – LIGHTING – 2nd FLOOR  
Replace by the attached drawing.
3. **Drawing E-851**-ELECTRICITY – DETAILS 2/4  
Replace by the attached drawing.

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#### **CIVIL**

1. **Drawing C-101** - EXISTING SITUATION  
Replace by the attached drawing.
2. **Drawing C-102**- LANDSCAPING  
Replace by the attached drawing.
3. **Drawing C-103**- CIVIL PROFILES  
Replace by the attached drawing.
4. **Drawing C-104**- CROSS SECTIONS AND DETAILS  
Replace by the attached drawing.
5. **Drawing C-105** -CIVIL DETAILS  
Replace by the attached drawing.
6. **Drawing C-106**-CIVIL ACCESS VAULT DETAILS

Replace by the attached drawing.

## Specifications

### General

1. Replace all **01 74 21 - Construction/Demolition Waste Management** references in text with **01 74 19 – Waste Management and Disposal**.
2. References to **Section 01 45 00 - Quality Control** in the text are to be removed.
3. Insert Section 01 21 00 - Cash Allowance

### Volume 1 – General Requirements

1. **Section 01 11 00 – General Requirements**
  - 1.2 Project Coordination, add:
    - 1.2.9 The Contractor is responsible for coordinating and paying Qulliq Energy Corporation's electrical utilities installation. A cash allowance is provided to cover the costs estimated by QEC. The Departmental Representative will provide to the Contractor QEC's Customer Service Order Contract form.**
2. **Division 01 – Commissioning**

Replace the following sections by the attached:

01 91 13	General Commissioning (Cx) Requirements
01 91 31	Commissioning (Cx) Plan

### Volume 2 – Technical Divisions

1. **Section 03 30 00 – Cast-in-place concrete**

Replace by the attached section.
2. **Section 06 18 00 – Glued-laminated construction**
  - 2.1 Materials, add:
    - .2 Wood decking: Grade 20F minimum**
3. **Section 07 40 00 – Claddings**
  - 2.2 Composite cement panels, type 4, add:
    - .2 Size: See drawings for dimension and location (single whole sheet required at all locations: no joint accepted *when possible, if not, vertical joints @ ±1220 mm c/c, no horizontal joints accepted*)**
    - .1 Mechanical Attachments**  
**Self drilling stainless steel screw, with 'wafer head' design, grade # 10, with 12 mm nylon sleeve, provided by the system manufacturer. Pre-painted with same color and quality product than panel.**
    - .2 Back strip at vertical joints**

*Metal plate folded and specific to the system, pre-painted, 100 mm wide and of a 24 gauge caliber, provided by the system manufacturer.*

*.3 Interface ribbon*

*37 mm width by 8 mm thick self adhesive ribbon with acrylic aggressive adhesive, made of vinyl closed cells.*

4. **Section 09 20 00** – Drywall Work

2.8 Protective Wall Panelling, add:

*.3 Wall panelling to stop at Z Shadow Bead and be finished with required trim to allow reveal edge against wood column.*

5. **Section 09 65 00** – Resilient Flooring

Replace by the attached.

6. **Division 21** – Fire Protection

Replace the following sections by the attached:

21 05 05	Common Work Results for Fire Suppression
21 13 13	Wet Pipe Sprinkler Systems
21 13 14	Fire Extinguishers

7. **Division 22** – Plumbing

Replace the following sections by the attached:

22 05 00	Common Work Results for Plumbing
22 05 15	Plumbing Specialties and Accessories
22 10 10	Plumbing Pumps
22 11 16	Domestic Water Piping
22 13 16.13	Sanitary Waste and Vent Piping - Cast Iron and Copper
22 13 16.16	Sanitary Waste and Vent Piping – Plastic
22 30 05	Domestic Water Heaters
22 31 16	Commercial Domestic Water Treatment
22 42 13	Commercial Washroom Fixtures
22 42 16	Commercial Lavatories and Sinks

8. **Division 23** – Heating, Ventilating and Air Conditioning (HVAC)

Replace the following sections by the attached:

23 01 31	Air Duct Cleaning for HVAC
23 05 00	Common Work Results for HVAC
23 05 06	Installation of Pipe Work
23 05 13	Common Motor Requirements for HVAC Equipment
23 05 16	Expansion Fittings Requirements for HVAC Piping
23 05 19.13	Thermometers and Pressure Gauges - Piping Systems
23 05 23.01	Valves – Bronze
23 05 23.02	Valves - Cast Iron
23 05 23.03	Valves - Cast Steel

23 05 23.05	Butterfly Valves
23 05 29	Hangers and Supports for HVAC Piping and Equipment
23 05 48	Vibration and Seismic Controls for HVAC Piping and Equipment
23 05 53	Identification for HVAC Piping and Equipment
23 05 94	Pressure Testing of Ducted Air Systems
23 07 13	Duct Insulation
23 07 16	HVAC Equipment Insulation
23 07 19	HVAC Piping Insulation
23 08 02	Cleaning and Start-up of Mechanical Piping Systems
23 11 13	Facility Fuel-Oil Piping
23 21 13.01	Hydronic Systems - Copper
23 21 13.02	Hydronic Systems: Steel
23 25 00	HVAC Water Treatment Systems
23 31 13.01	Metal Ducts - Low and High Pressure
23 32 48	Acoustical Air Plenums
23 33 14	Dampers – Balancing
23 33 15	Dampers – Operating
23 33 16	Dampers - Fire and Smoke
23 33 46	Flexible Ducts
23 34 00	HVAC Fans
23 37 13	Diffusers, Registers and Grilles
23 44 00	HVAC Air Filtration
23 51 00	Breeching, Chimneys and Stacks
23 51 00.01	Prefabricated Modular Grease Duct
23 52 00	Heating Boilers
23 72 00	Air-to-Air Energy Recovery Equipment
23 73 11	Air Handling Units – Packaged
23 73 11.01	Kitchen Hood and Exhausts Systems
23 82 39	Unit Heaters
23 82 43	Hydronic Radiant Panels
23 84 13	Humidifiers

9. **Division 25 – EMCS**

Replace the following sections by the attached:

25 05 01	EMCS - General Requirements
25 10 02	EMCS - Operator Work Station (OWS)
25 30 01	EMCS - Building Controllers
25 90 01	EMCS - Site Requirements Applications and Syst. Seq. of Operation

10. For **Division 26 – Electrical**, **Division 27 – Communications**, **Division 28 – Electronic Safety and Security** and **Division 33 – Utilities**, the following references in the text are removed:

- Section 01 45 00 – Quality Control
- Section 02 81 00 – Hazardous Materials
- Section 33 71 73.02 – Underground Electrical Service
- Section 23 05 49.01 – Seismic Restraint Systems
- Section 01 35 21 – LEED Requirements
- Requirement for WHMIS MSDS (Material Safety Data Sheets/ Workplace

Hazardous Material Information System).

11. **Section 26 50 00 – Lighting**

Replace by the attached section.

12. **Section 28 10 00 – Access Control**

3.3 Site Test and Inspection, add as follows:

.1 Perform verification inspections and test in presence of Departmental Representative.

.1 Provide all necessary tools, ladders and equipment.

.2 Ensure appropriate subcontractor and manufacturer's representatives specialists in security are present for verification.

**.3 Manufacturer's representative specialist in security is allowed to make verifications for access control, intrusion detection and video surveillance as the three systems are interconnected.**

13. **Section 28 31 00 – Intrusion Detection**

3.3 Site Test and Inspection, add as follows:

.1 Perform verification inspections and test in presence of Departmental Representative.

.1 Provide all necessary tools, ladders and equipment.

.2 Ensure appropriate subcontractor and manufacturer's representatives specialists in security are present for verification.

**.3 Manufacturer's representative specialist in security is allowed to make verifications for access control, intrusion detection and video surveillance since the three systems are interconnected.**

14. **Section 28 23 00 – Video Surveillance**

3.3 Field Quality Control, correct as follows:

.1 Manufacturer's Field Services:

.1 Obtain written reports from manufacturer verifying compliance of Work, in handling, installing, applying, protecting and cleaning of product.

.2 Submit manufacturer's field services consisting of product use recommendations and periodic site visits for inspection of product installation in accordance with manufacturer's instructions.

~~.3 Schedule site visits to review Work at stages listed:~~

~~.1 During progress of Work at 60% complete.~~

~~.2 Upon completion of Work, after cleaning is carried out~~

**.3 Manufacturer's representative specialist in security is allowed to make verifications for access control, intrusion detection and video surveillance since the three systems are interconnected.**

15. **Section 31 36 00 – Gabions**

New section added, see attached.

16. **Section 32 31 13** – Chain link fences and gates

New section added, see attached.

17. **Section 32 16 15** – Universal access and curbs

1.5 Measurement and payment, modify as follows:

1. The wood curbs ~~are paid by linear meter~~ ***are to be included in the global price.***

18. **Section 33 56 13** – Aboveground Fuel Storage Tanks

Replace by the attached.

End of Addendum 3