

Addendum # 2

Request for Quotation

**RFTMA20-4547 – Renovation for Adult & Continuing
Education at
Glenforest Secondary School South**

TO: ALL POTENTIAL BIDDERS

This Addendum # 2 has been issued for the above mentioned RFQ for the following:

1. Please see attached addendum prepared by HOSSACK & ASSOCIATES ARCHITECTS.
2. Please see amended Appendix 1- Rate Bid Form in Bonfire Bidding System.

Please download both Addendum 2 document and the Rate Bid Form from Bonfire Bidding System.

All other terms and conditions shall remain the same.

Regards,

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ADDENDUM NO. 2

Issued by email December 17, 2020

The following additions, deletions, modifications and clarifications issued herein are hereby an integral part of the Tender and Contract Documents. Minor Typographic or spelling mistakes in the Contract Documents which do not significantly affect the meaning of the sentence or phrase in which they occur may not necessarily be corrected by Addenda.

GENERAL

1. Ensure that all parties submitting bids are aware of this **Addendum No. 2** and its contents.
2. **Contents:** Addendum No. 2 - in its entirety consists of the following:
 - .1 One (1) typed page of instructions and one (1) specification section 4 pages.
 - .2 Mechanical Addendum No. 1, one (1) typed page of instructions issued by EXP., dated December 9, 2020.
 - .3 Electrical Addendum No. 1, one (1) typed page of instructions issued by EXP., dated December 14, 2020.

QUESTIONS & ANSWERS

Q1. Please advise if this is a unionized opportunity?

- A. The PDSB does not specify union vs. non-union work. Vendors should discuss bid opportunities with the General Contractors who may or may not have union affiliations.
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AMENDMENTS TO SPECIFICATIONS – BINDER A

Item 1: Specification Section 01 11 00 General Instructions & Summary of Work:

- .1 ADD Item 1.37.9.10. to read: “Additional abatement that may be required above and beyond that noted in the Designated Substance Audit Report.”

Item 2: Specification Section 09 97 24 Concrete Floor Sealer:

- .1 ADD: Specification Section as attached, 4 pages.

MECHANICAL

Item 3: Mechanical

- .1 Mechanical Addendum No. 1, one (1) typed page of instructions issued by EXP., dated December 9, 2020.

ELECTRICAL

Item 4: Electrical

- .1 Electrical Addendum No. 1, one (1) typed page of instructions issued by EXP., dated December 14, 2020.

End of Addendum No. 2

Project No. 18124

1 General

1. SUMMARY

- .1 Section Includes:
 - .1 Compliance with requirements of the sections of Division 1 of the specifications.
 - .2 Requirements for providing the concrete floor sealer parts of the Work.

2. SUBMITTALS

- .1 Product Data:
 - .1 Submit manufacturer's technical data, installation instructions, maintenance instructions and general recommendations for concrete floor sealer.
- .2 Samples:
 - .1 Provide samples as specified in section 01 33 00 Samples, supplemented as follows:
 - .1 Submit 300 mm x 300 mm square sample of concrete floor sealer applied to a smooth trowel finish concrete paver.
 - .2 Submit each type of sample in triplicate.
 - .3 Modify and resubmit samples as many times as may be necessary to obtain Consultant's approval.
- .3 Closeout Documents:
 - .1 Provide manuals that contain the floor sealer manufacturer's maintenance and repair manual. The maintenance and repair manuals shall give specific warning of maintenance practices, Products and materials which may cause damage and disfigurement.

3. QUALITY ASSURANCE

- .1 Single Source Responsibility:
 - .1 Obtain concrete floor sealer Products from the same manufacturer with not less than ten (10) years of successful experience in manufacturing and installing principal materials described in this section. Contractor must have completed at least five projects of similar size and complexity. Provide secondary materials only of type and from source recommended by manufacturer of primary materials.
- .2 Pre-installation Meeting:
 - .1 Hold a pre-installation meeting at the Place of the Work.
- .3 Mock-up:
 - .1 At site, under manufacturer's supervision, apply for approval 9 m² of each type of complete floor finish in area designated, to match submitted samples. When approved, site applied sample to be standard for appearance, texture, workmanship, etc. All Work to conform to this sample.

4. DELIVERY, STORAGE AND HANDLING

- .1 Deliver Products to the Place of the Work. Check material for completeness and shipping damage prior to job start.

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- .2 All materials must be factory pre-weighed and pre-packaged in single, easy to manage batches to eliminate on site mixing errors. No on site weighing or volumetric measurements allowed.
- .3 Store Products in a dry, enclosed area protected from exposure to moisture. Temperature of storage area shall be maintained between 16° and 32°C.

5. **PROJECT CONDITIONS**

- .1 Environmental Requirements:
 - .1 Concrete substrate must be properly cured for a minimum of 30 days.
 - .2 Temperature:
 - .1 Maintain ambient temperature of not less than 18 deg.C/65 deg.F and a floor temperature of not less than 16 deg.C/60 deg.F from 7 days before installation to at least 48 hours after completion of work and maintain relative humidity not higher than 40% during same period.
 - .3 Moisture:
 - .1 Ensure substrate is within moisture limits prescribed by concrete floor sealer manufacturer.
 - .4 Protection:
 - .1 Areas to accept concrete floor sealer shall be free of other trades during, and for a period of 24 hours, after floor installation.
 - .5 Manufacturer's Representative:
 - .1 Manufacturer's representative must be on job site at start of installation.

6. **WASTE MANAGEMENT AND DISPOSAL**

- .1 Collect and separate packaging material for recycling in accordance with the Waste Management Plan.
- .2 Remove from the Place of the Work and dispose of packaging materials at appropriate recycling facilities.
- .3 Dispose of unused finish and adhesive materials at official hazardous material collections site.

7. **WARRANTY**

- .1 Furnish a single, written warranty covering both material and workmanship for a period of three (3) full years from date of Substantial Performance of the Work. The Warranty shall cover defects such as cracking, delamination under impact and under heavy loaded carts and under thermal shock, and excessive wear.

2 **Products**

1. **MATERIALS**

.1 Manufacturers:

- .1 The specifications are based on Products manufactured by Sika Canada Inc. Products by Duochem Inc, division of Corrosion Services, CPD Construction Products, Niagara Protective Coatings, Selby/Ucrete, Stonhard Ltd. Euclid or other approved manufacture may be approved on condition of being able to furnish evidence of equivalency or better to the specified Products.

.2 Concrete Floor Sealer System (EWPM)

.1 General:

- .1 Two-component, clear, water based mat epoxy coating, Sika MRW roller applied two coat system on a sealed/primed substrate.

.2 Characteristics

- .1 Seamless and very easy to clean.
- .2 Abrasion and chemical resistant.
- .3 No odour typical of solvent based coatings

.3 Minimum Technical requirements

- .1 Solids content: 100% by weight, 100% by volume.
- .2 Pot life 90 mins.
- .3 Application method: Brush, or roller.
- .4 Number of coats: Two.
- .5 Dry film thickness per coat: as per manufacturer's instructions
- .6 Cleaning solvent: Warm water.
- .7 Cure time: Touch dry: 4-5 hours.
 - .1 Hard dry: 16-18 hours.
 - .2 Complete cure: 7 days.
- .8 Recoat time: 16 hours.

.4 Minimum Physical properties

- .1 Abrasion resistance: 175 mg loss per ASTM D 4060 CS-17 wheels 1000 revolutions 1000 gr/wheel.
- .2 Tensile strength 2.1 MPa per ASTM D 2370 (2.8 mils D.F.T.)
- .5 Primer: as recommended by manufacturer.

3 **Execution**

1. **WORKMANSHIP**

.1 General

- .1 Handle, mix and apply Products as per the Product manufacturer's printed surface preparation and application specifications, and as specified in this specification section 09 97 24.
- .2 Application tools and equipment shall be as per the Product manufacturer's printed requirements.

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2. **PREPARATION**

- .1 Prepare concrete by sanding smooth and for removal of bond inhibiting substances.
- .2 Apply as per manufacturer's instructions.

3. **APPLICATION**

- .1 Apply concrete sealer as indicated.
- .2 Rolling direction of each coat shall be the same.

4. **FIELD QUALITY CONTROL**

- .1 The Owner reserves the right to invoke the following material testing procedure at any time, and any number of times during period of flooring application.
- .2 The Owner may engage service of an independent testing laboratory to sample materials being used on the jobsite. Samples of material will be taken, identified and sealed, and certified in presence of Contractor.
- .3 Testing laboratory will perform tests for any of characteristics specified, using applicable testing procedures referenced herein, or if none referenced, in manufacturer's product data.
- .4 If test results show materials being used do not comply with specified requirements, the Contractor may be directed by Owner to stop work; remove non-complying materials; pay for testing; reapply flooring materials to properly prepared surfaces which had previously been coated with unacceptable materials.

5. **CURING, PROTECTION AND CLEANING**

- .1 Cure concrete floor sealing materials in compliance with manufacturer's directions, taking care to prevent contamination during stages of application and prior to completion of curing process. Close area of application for a minimum of 24 hours.
- .2 Protect concrete floor sealing from damage and wear during construction operation. Where temporary covering is required for this purpose, comply with manufacturer's recommendations for protective materials and method of application. Contractor is responsible for protection and cleaning of surfaces after final coats.
- .3 Cleaning: Remove temporary covering and clean flooring just prior to final inspection. Use cleaning materials and procedures recommended by the concrete floor sealer manufacturer.

END OF SECTION



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Mechanical Addendum No. 1

EXP Project No.: GR8-00020043-00

Project:

Peel District School Board, Renovation for
Adult & Continuing Education at Glenforest
Secondary School South

Date: December 9, 2020

Prepared By: EXP Services Inc.

Requirements:

The addendum forms part of the Contract Documents and amends the original Specifications and Drawings, as noted below.

Ensure that all parties submitting bids are aware of all items included in this Addendum.

This Addendum consists of one (1) page.

Amendments to Specifications

1. **Section 21 11 00 - Fire Protection Piping**

CLARIFICATION:

- .1 Sprinkler contractor to submit hydraulic calculations for the sprinkler revisions as identified on the mechanical plans and submit same to the local authorities having jurisdiction.
- .2 Acceptable sprinkler contractors shall be as follows:
 - .1 Vipond
 - .2 Nutech
 - .3 General



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Electrical Addendum No. 01

EXP Project No.: GR8-00020043-00

Project: Peel District School Board, Renovation for
Adult & Continuing Education at Glenforest
Secondary School South

Date: December 14, 2020

Prepared By: EXP Services Inc.

Requirements:

The addendum forms part of the Contract Documents and amends the original Specifications and Drawings, as noted below.

Ensure that all parties submitting bids are aware of all items included in this Addendum.

This Addendum consists of one (1) page.

Contractor Questions

1. Question: Please advise for the name and contact information of the base building/mandatory subcontractors, including but not limited to Fire Alarm and Sprinkler subs.

Answer: Refer to specification section 28 31 00 – 1.4.1 for fire alarm subcontractor name and contact.

2. Question: Please advise for any A.V scope of work.

Answer: Provide rough-in for new PA speakers, relocated existing paging speakers & relocate existing paging cabinet(all necessary work for a full functioning system) to the new location as shown on drawings.