



**PURCHASING SECTION**  
13450 – 104 Avenue, Surrey BC V3T 1V8  
Tel: 604-590-7274  
E-mail: [purchasing@surrey.ca](mailto:purchasing@surrey.ca)

**ADDENDUM NO. 2**

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**REQUEST FOR QUOTATIONS (RFQ) NO.:** 1220-040-2019-081  
**TITLE:** BEAR CREEK WALKING TRACK  
RUBBER SURFACE  
**ADDENDUM ISSUE DATE:** September 27, 2019  
**CLOSING DATE AND TIME:** PREFER TO RECEIVE QUOTATIONS  
ON OR BEFORE OCTOBER 1, 2019.

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**INFORMATION FOR CONTRACTORS**

This Addendum is issued to provide additional information to the RFQ for the above named project, to the extent referenced and shall become a part thereof. No consideration will be allowed for extras due to the Contractor not being familiar with this Addendum. This Addendum No. 2 contains two (2) pages and attached revised Standard Specification for a total of five (5) pages.

**QUESTIONS & ANSWERS:**

**Q1:** Schedule B – Appendix 2, Part 2 .1 .6 (Finished Floor Properties)

- a. Surface to withstand 600 psi tensile stress. What is tensile stress? And what test does this refer to?
- b. What ASTM test would you like for tensile strength?

**A1:**

- a. See revised answer in b) and attached revised specification below
- b. Supplier must provide test results for rubber material properties that demonstrates performance consistent with the specifications of the surface product.

**Q2:** Schedule C – Quotation, #13 Construction scheduled - indicates a commencement on October 21 and substantial completion by November 1<sup>st</sup>. While Schedule B – Appendix 1 has commencement as October 28<sup>th</sup>, and Schedule A has November 8<sup>th</sup> as completion. Please clarify which dates are correct.

**A2:** Construction is to commence October 21 and complete November 8<sup>th</sup>, see revision below

**Replace:**

**Construction Schedule:**

13. Contractors should provide an estimated schedule, with major item descriptions and time indicating a commitment to perform the Contract within the time specified:

- (a) Commence the Work on or before: October 21, 2019; and
- (b) Substantial Performance: November 1, 2019

Contractor may provide a Microsoft Project (or similar) schedule outlining the Critical Path and should include all major phases of the Work and indicate start and substantial completion dates for each (use the spaces provided and/or attach additional pages, if necessary)..

**With:**

**Construction Schedule:**

13. Contractors should provide an estimated schedule, with major item descriptions and time indicating a commitment to perform the Contract within the time specified:

- (a) Commence the Work on or before: October 28, 2019; and
- (b) Substantial Performance: November 8, 2019

Contractor may provide a Microsoft Project (or similar) schedule outlining the Critical Path and should include all major phases of the Work and indicate start and substantial completion dates for each (use the spaces provided and/or attach additional pages, if necessary).

**END OF ADDENDUM**

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**All Addenda will become part of the RFQ Documents.**

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**Part 1 GENERAL**

**1.1 Submittals & Mock-up**

- .1 Submit full range of sample colours and finishes available, installation specifications, MSDS, and sales literature.
- .2 Test results for rubber material consistent with any supplier specifications for rubber surface installation
- .3 Pour a mock-up at the location and size as identified on the drawings

**1.2 Delivery and Storage**

- .1 Deliver materials in manufacturer’s clearly labeled, unopened containers. Store and handle in a manner, which will prevent intrusion of foreign matter and will assure protection from weather. All resins and solvents should be stored at a temperature of not less than 0 degrees C (32 degrees F).

**1.3 Scheduling**

- .1 Co-ordinate the delivery of the materials with the scheduled time of installation to insure minimum storage time at the project site.

**Warranty**

- .2 All materials under this section shall be installed by a dealer authorized by the manufacturer and shall be guaranteed by the manufacturer against defects for three (3) years

**1.4 Qualifications**

- .1 The contractor must have installed at least ten applications of a similar size project and have a minimum of 5 years experience in the poured-in-place rubber surfacing industry.

**1.5 Measurement and Payment**

- .1 Payment will be per square meter of rubber surface installed and includes all work and incidentals, base mat, wearing course, and rubber edging treatment.

**Part 2 PRODUCTS**

**.1 Material:**

- .1 A rubberized surface, which consists of a base mat and a wearing course. The base mat is composed of recycled rubber and the wearing course is composed of 1-3mm rubber granules.

- .2 Granules - Pure vulcanized rubber chips ranging in size from 1mm minimum dimension to 3mm maximum dimension. rubber shall be UV stable.
- .3 Binder-Resin: Aromatic Binder shall be 100% urethane and contain no TDI.
- .4 Primer – Aromatic or Aliphatic Resin thinned with solvent.
- .5 Matrix- Resin mixed with a thickening agent, used as a base coat to allow application of rubber on vertical surfaces such as stair risers and concrete pool copings.
- .6 Finished Floor Properties:
  - .1 Surface to be slip resistant when wet or dry.
  - .2 Surface to be fungus resistant (trace to no growth).
  - .3 Surface to have chemical resistance (treated surface immersed for 24 hours) so that there is no effect from oil, lye, hydrochloric acid, animal fat, grease, acetone, tolidine, alcohol, blood, chlorine, urine, detergents and insect spray.
  - .4 Surface shall not vary more than 5mm over 3m and the rubber blend shall be even and consistent

**Part 3 EXECUTION**

**.1 Preparation**

- .1 All sub surfaces will be inspected prior to application and any discrepancies will be reported to the owner or his agent. Installation will not proceed until any problems are rectified. Unless specified the owner is responsible for the base and subbase.

**.2 Health and Safety**

- .1 When using either resin or solvent products, whether during mixing or application, the wearing of protective gloves is essential. This will protect contact of the skin directly with the above materials. The gloves will be required to be changed regularly throughout the installation and sufficient quantities of same should be allowed for.
- .2 Should any resin or solvent come into contact with the skin, this must be immediately washed off using suitable detergents and water.
- .3 When troweling the product, it is recommended that rubber kneepads with Velcro straps or knee boards be used.
- .4 Read all Material Safety Data Sheets (MSDS) prior to installation. All relevant MSDS should be on site during installation.

**.3 SITE PROTECTION:**

- .1 Erect barricades or caution tape as required preventing inadvertent pedestrian traffic on the finished floor surface for a period of 24-48 hours
- .2 On large projects where access to the public is possible, barricades and signs must be implemented around the working area, again to avoid any inadvertent traffic. This is more relevant on projects taking more than one day to complete.

- .4 Clean-up: Upon completion of work in the section, remove all tools, equipment, unused materials, and debris from the site; broom clean immediate area.

**END OF SECTION**