

2021-10-25

**REQUEST FOR QUOTATION  
ASPHALT REPAIR SERVICES  
RFQ 127 (2021-10)  
ADDENDUM #2**

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This addendum shall be incorporated into, and form part of RFQ 127 (2021-10) and take precedence over all requirements of the previously issued bid documents including plans. This addendum must be signed by the bidder (signing officer) in the appropriate space and must be attached to the Form for submission by the bidder. This Addendum consists of three (3) pages.

1. Specifications  
Attached Crack Sealing Specifications
2. Submission form  
Delete – Submission Form  
Replace with: Submission Form (REV 1)

Receipt of the Addendum shall be acknowledged as part of your submission.

The Board of Management of the Toronto Zoo reserves the right to reject any or all Tenders or to accept any quotation, should it deem such action to be in its interests.

If you have any queries regarding this matter, please contact Mr. Peter Vasilopoulos, Supervisor, Purchasing & Supply, at 416-392-5916 or by email [pvasilopoulos@torontozoo.ca](mailto:pvasilopoulos@torontozoo.ca).

Yours truly,

Peter Vasilopoulos  
Supervisor, Purchasing & Supply

I/we hereby acknowledge receipt of this addendum and make allowance in my bid.

Signed (Must be Signing Officer of Firm)

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Name of Firm

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Date:

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I have the authority to bind the corporation

**4.1 QUOTATION PRICING (REV 1)**

Unit price bid shall include all costs including labour, equipment, materials and supervision associated with the removal & disposal of existing asphalt, the supply, preparation, placement and compaction of new hot mix asphalt and the restoration of the site as specified

<b>PRICING</b>		
<b>ESTIMATED QUANTITY (for evaluation purposes only)</b>	<b>DESCRIPTION</b>	<b>Unit price, HST extra</b>
10,000 SQ Metres	To supply labour, material, and equipment necessary to provide asphalt repairs for the 2021/2022 season,	\$ /sq. metre
400 SQ Metres	GREEMANTRA's CERANOVUAS waxes CERANOVUS A115	\$ /sq. metre

<b>OPTIONAL PRICING</b>		
<b>ESTIMATED QUANTITY (for evaluation purposes only)</b>	<b>DESCRIPTION</b>	<b>Unit price, HST extra</b>
1000 LM	To supply labour, material, and equipment necessary to supply and apply hot-pour rubberized crack filler for the 2021/2022 season,	\$ /LM

<b>DISCOUNT</b>	<b>Discount</b>	<b>Days</b>
Discount allowed for prompt payment and period within which invoice must be paid to qualify.	%	

## CRACK SEALING SPECIFICATION

### (a) CRACK SEALING

Sealing cracks will include the cleaning and sealing of open cracks (longitudinal random and transverse cracks less than 25mm wide, at the discretion of the contract administrator). All repair work shall be limited to operations during the daytime when air temperatures are 5C or above and asphalt temperatures are below 50C.

### (b) CLEANING DEBRIS

Immediately prior to placing new joint/crack sealing material all dust and debris shall be thoroughly cleaned and dried using a hot compressed air lance having a discharge air temperature of approximately 500C ± 100C and an air velocity greater than 1,000mis. The cracks shall be treated with hot compressed air until the pavement in and around the cracks or groove is darkened but not burnt.

### (c) HOT RUBBER ASPHALT JOINT SEALING MATERIAL

Hot applied rubber asphalt sealing compounds, specifically designed materials that form a resilient adhesive effective seal for cracks and joints in pavements on highways, bridges, sidewalks, etc. will fully conform with Federal Specifications SS-S-164, OPSS 1212 CAA Specifications P-605 and ASTM D-6690-01, Type IV with a modified resiliency. The sealant material must be listed on the All District MTO Designated Sources List.

### (d) APPLICATION

The application shall be carried out by a joint sealing contractor, experienced in the heating and application of hot applied rubber asphalt compounds and having the properly designed equipment for controlled heating of the material. The sealing compound is not to be less than 175C and is not to reach temperatures of greater than 232C at any stage of the melting or pouring operations. The material shall be subject to continuous and positive mechanical agitation. Material heated in excess of 232C shall be wasted at the expense of the contractor. The joint sealing compound shall be poured as soon as possible after the pouring temperature is reached. Only as much compound as can be poured in a given day shall be melted that day. Sealing compound shall not be placed unless the joint crack is dry clean and free of dust. The joints/cracks shall be sealed as per the overfill method as outlined in OPSD 508.010 in a neat and workmanlike manner. The sealant shall be placed into the unrouted crack and spread over the crack with a squeegee or with the wand. The sealant centered over the crack shall be shaped with a squeegee or wand as thin as possible into an overband approximately 50mm wide. If opening to traffic immediately, the sealant shall be sprayed with Glenzoi barrier material (or equivalent) to prevent the sealing compound from tracking. The sealing operation must take place during the daylight hours and when the air temperature is 5C or higher and the asphalt temperature is less than 50C.

### (e) MEASUREMENT FOR PAYMENT

- i) The Unit Price Bid shall be compensation in full for all labour, equipment, and material necessary to supply and apply the material specified in the RFQ.
- ii) Notwithstanding, payment shall be based upon the Unit Price Bid and the number of linear metres of cracks sealed as determined by field measurements as recorded by the Project Manager or their designate

END OF ADDENDUM 2