



## **REQUEST FOR QUOTATIONS**

**Title:** **SUPPLY & DELIVERY OF CRACK SEALING EQUIPMENT**

**Reference No.:** 1220-040-2016-017

**FOR THE SUPPLY OF GOODS**

(General Services)

## TABLE OF CONTENTS

1. INTRODUCTION.....	3
2. ADDRESS FOR DELIVERY .....	3
3. DATE .....	3
4. INQUIRIES.....	4
5. ADDENDA .....	4
6. NO CONTRACT .....	4
7. ACCEPTANCE.....	4
8. CONTRACTOR'S EXPENSES.....	4
9. CONTRACTOR'S QUALIFICATIONS .....	5
10. CONFLICT OF INTEREST .....	5
11. SOLICITATION OF COUNCIL MEMBERS AND CITY STAFF .....	5
12. CONFIDENTIALITY .....	5
13. SIGNATURE .....	5
14. MULTIPLE PREFERRED CONTRACTORS .....	6
15. BRAND NAME SPECIFICATIONS.....	6

ATTACHMENT No. 1 – QUOTATION AGREEMENT - GOODS  
SCHEDULE A – SPECIFICATION OF GOODS  
SCHEDULE B – QUOTATION

## REQUEST FOR QUOTATIONS

### 1. INTRODUCTION

The City of Surrey (the "City") invites contractors to provide a quotation on the form attached as Schedule B to Attachment 1 (the "Quotation") for the supply of the goods described in Schedule A to Attachment 1 (the "Goods"). The description of the Goods sets out the minimum requirements of the City. A person that submits a Quotation (the "Contractor") should prepare a Quotation that meets the minimum requirements, and may as it may choose, in addition, also include goods, or terms that exceed the minimum requirements.

### 2. ADDRESS FOR DELIVERY

A Quotation should be labelled with the Contractor's name, RFQ title and number. A Quotation should be submitted in the form attached to this RFQ as Schedule B – Quotation.

The Contractor may submit a Quotation either by email or in a hard copy, as follows:

(a) Email

If the Contractor chooses to submit by email, the Contractor should submit the Quotation electronically in a single pdf file to the City by email at: [purchasing@surrey.ca](mailto:purchasing@surrey.ca)

PDF emailed Quotations are preferred and the City will confirm receipt of emails. Note that the maximum file size the City can receive is 10Mb. If sending large email attachments, Contractors should phone to confirm receipt. A Contractor bears all risk that the City's equipment functions properly so that the City receives the Quotation.

(b) Hard Copy

If the Contractor chooses NOT to submit by email, the Contractor should submit one original unbound Quotation and two (2) copies (three (3) in total) which should be delivered to the City at the office of:

Name: Richard D. Oppelt  
Purchasing Manager  
at the following location:

Address: Surrey City Hall  
Finance & Technology Department – Purchasing Section  
Reception Counter, 5th Floor West  
13450 – 104th Avenue, Surrey, B.C., Canada, V3T 1V8

### 3. DATE

The City would prefer to receive Quotations on or before **February 12, 2016**. The City's office hours are 8:30 a.m. to 4:00 p.m., Monday to Friday, except statutory holidays.

#### **4. INQUIRIES**

All inquiries related to this Request for Quotations ("RFQ") should be directed in writing to:

Name: Richard D. Oppelt, Purchasing Manager  
Email: [purchasing@surrey.ca](mailto:purchasing@surrey.ca)  
Reference: 1220-040-2016-017

#### **5. ADDENDA**

If the City determines that an amendment is required to this RFQ, the City Representative will issue a written addendum by posting it on the BC Bid Website at [www.bcbid.gov.bc.ca](http://www.bcbid.gov.bc.ca) (the "BC Bid Website") and the City Website at [www.surrey.ca](http://www.surrey.ca) (the "City Website") that will form part of this RFQ. It is the responsibility of Contractors to check the BC Bid Website and the City Website for addenda. The only way this RFQ may be added to, or amended in any way, is by a formal written addendum. No other communication, whether written or oral, from any person will affect or modify the terms of this RFQ or may be relied upon by any Contractor. By delivery of a Quotation, the Contractor is deemed to have received, accepted and understood the entire RFQ, including any and all addenda.

#### **6. NO CONTRACT**

This RFQ is simply an invitation for quotations (including prices and terms) for the convenience of all parties. It is not a tender and no obligations of any kind will arise from this RFQ or the submission of Quotations. The City may negotiate changes to any terms of a Quotation, including terms in Attachment 1 and Schedules A and B and including prices, and may negotiate with one or more Contractors or may at any time invite or permit the submission of quotations (including prices and terms) from other parties who have not submitted Quotations.

#### **7. ACCEPTANCE**

A Quotation will be an offer to the City which the City may accept at any time by signing the copy of the Quotation and delivering it to the Contractor. A Quotation is not accepted by the City unless and until both the authorized signatory and the purchasing representative have signed on behalf of the City. Delivery of the signed agreement by the City may be by fax or pdf e-mail. In that event, the contract will be comprised of the documents included in the definition of Agreement in Attachment No. 1 – Quotation Agreement – Goods.

#### **8. CONTRACTOR'S EXPENSES**

Contractors are solely responsible for their own expenses in preparing and submitting Quotations, and for any meetings, negotiations or discussions with the City or its representatives and consultants, relating to or arising from the RFQ. The City will not be liable to any Contractor for any claims, whether for costs, expenses, losses or damages, or loss of anticipated profits, incurred by the Contractor in preparing and submitting a Quotation, or participating in negotiations for a contract, or other activity related to or arising out of this RFQ.

## **9. CONTRACTOR'S QUALIFICATIONS**

By submitting a Quotation, a Contractor represents that it has the expertise, qualifications, resources, and relevant experience to supply the Goods.

## **10. CONFLICT OF INTEREST**

A Contractor must disclose in its Quotation any actual or potential conflicts of interest and existing business relationships it may have with the City, its elected or appointed officials or employees. The City may rely on such disclosure.

## **11. SOLICITATION OF COUNCIL MEMBERS AND CITY STAFF**

Contractors and their agents will not contact any member of the City Council and City staff with respect to this RFQ, other than the contact person named in Section 4, at any time prior to the award of a contract or the cancellation of this RFQ.

## **12. CONFIDENTIALITY**

All Quotations become the property of the City and will not be returned to the Contractor. All Quotations will be held in confidence by the City unless otherwise required by law. Contractors should be aware the City is a "public body" defined by and subject to the Freedom of Information and Protection of Privacy Act of British Columbia.

## **13. SIGNATURE**

The legal name of the person or firm submitting the Quotation should be inserted in the Quotation. The Quotation should be signed by a person authorized to sign on behalf of the Contractor and include the following:

- (a) If the Contractor is a corporation then the full name of the corporation should be included, together with the names of authorized signatories. The Quotation should be executed by all of the authorized signatories or by one or more of them provided that a copy of the corporate resolution authorizing those persons to execute the Quotation on behalf of the corporation is submitted;
- (b) If the Contractor is a partnership or joint venture then the name of the partnership or joint venture and the name of each partner or joint venturer should be included, and each partner or joint venturer should sign personally (or, if one or more person(s) have signing authority for the partnership or joint venture, the partnership or joint venture should provide evidence to the satisfaction of the City that the person(s) signing have signing authority for the partnership or joint venture). If a partner or joint venturer is a corporation then such corporation should sign as indicated in subsection (a) above; or
- (c) If the Contractor is an individual, including a sole proprietorship, the name of the individual should be included.

#### **14. MULTIPLE PREFERRED CONTRACTORS**

The City reserves the right and discretion to divide up the Goods, either by scope, geographic area, or other basis as the City may decide, and to select one or more preferred Contractors to enter into discussions with the City for one or more Contracts to perform a portion or portions of the Goods. If the City exercises its discretion to divide up the Goods, the City will do so reasonably having regard for the RFQ and the basis of Quotations.

In addition to any other provision of this RFQ, Quotations may be evaluated on the basis of advantages and disadvantages to the City that might result or be achieved from the City dividing up the Goods and entering into one or more Contracts with one or more Quotations.

#### **15. BRAND NAME SPECIFICATIONS**

The use of the name of a manufacturer or of any particular make, model or brand in describing an item does not restrict Contractors to that manufacturer or specific article unless limited by the term "no substitute". However, the article being offered must be of such character and quality so that it will serve the purpose for which it is to be used equally as well as that specified, and the Contractor shall warrant to the City that it is fit for that purpose. Quotations on comparable items must clearly state the exact article being offered including any and all applicable options and the Contractor shall furnish such other information concerning the article being offered as will be helpful in evaluating its acceptability for the purpose intended. If the Contractor does not indicate that the article offered is other than as specified, it will be understood that the Contractor is offering the article exactly as specified. Contractors should complete documentation on the specifications and quality levels of the proposed products. Quotations submitted that do not contain this documentation may be subject to rejection.

## **Attachment No. 1 – QUOTATION AGREEMENT – GOODS**

**Reference RFQ Title: SUPPLY & DELIVERY OF CRACK SEALING EQUIPMENT**

**RFQ No.:** 1220-040-2016-017

**BETWEEN:**

**CITY OF SURREY**  
13450 - 104 Avenue  
Surrey BC V3T 1V8

(the "City")

**AND:**

(the "Contractor")

**WHEREAS** the City wishes to engage the Contractor to provide the Goods and the Contractor agrees to provide the Goods.

**THEREFORE** in consideration of the payment of one (\$1.00) dollar and other good and valuable consideration paid by each of the parties to the other (the receipt and sufficiency of which is hereby acknowledged) the City and the Contractor agree as follows:

### **DEFINITIONS AND INTERPRETATION**

1. In these General Terms and Conditions:
  - (a) "Agreement" means this agreement and all schedules attached hereto;
  - (b) "City" means the City of Surrey;
  - (c) "Contractor" means a contractor whose Quotation has been accepted by the City and who is supplying the Goods under this Agreement;
  - (d) "Goods" means the equipment or materials that are the subject of this Agreement;
  - (e) "Purchase Price" means the price quoted by the Contractor and accepted by the City, unless otherwise agreed by the parties in writing, and includes all taxes, duties, freight charges and other charges except GST; and
  - (f) "RFQ" means the Request for Quotations.
2. This Agreement may be modified only by express and specific written agreement. In the event of a conflict between the provisions of any documents listed below, then the documents shall govern and take precedence in the following order:
  - (a) this Agreement;
  - (b) the RFQ;
  - (c) the Quotation; and
  - (d) other terms, if any, that are agreed to by the parties in writing.

3. The following attached Schedules are a part of this Agreement:

Schedule A – Specifications of Goods; and  
Schedule B – Quotation.

## **GOODS**

4. The Contractor will supply the Goods in accordance with this Agreement. The Goods supplied will meet the specifications set out in Schedule A of this Agreement.
5. The Contractor will deliver the Goods free and clear of all liens and encumbrances in the manner and to the destination stipulated. In the event of the Contractor's failure to meet this condition, the Contractor will, on written notice from the City, forthwith return all monies paid by the City on account of the Goods and in addition the City may by written notice terminate this Agreement without liability, and in such event, in addition to the above, the Contractor will be liable for any and all expenses or losses incurred by the City resulting from such failure.

## **PURCHASE PRICE**

6. The City will pay the Purchase Price to the Contractor in accordance with this Agreement. The Purchase Price shall also include without limitation all costs of boxing, packing, crating, and loading and unloading the Goods at the prescribed destination.
7. Time is of the essence.

## **PAYMENT**

8. Invoices must include the Contractor's name, address and telephone number, the City's purchase order number, the Contractor's invoice number, the Contractor's GST registration number or an indication that it is not applicable if the Contractor is a small trader, the quantity, tax (if any) and the complete Purchase Price calculations, including extensions and discounts.
9. The City will pay the invoice, in the amount as the City determines is correct less any deductions for setoffs or holdbacks permitted by this Agreement including, without limitation, those described in Sections 11, 12 and 13, within 30 days of the receipt of the invoice, unless the parties have agreed in writing to other payment terms. The payment by the City of any invoice will not bind the City with respect to any subsequent payment or final payment and will not mean that the City has accepted that the Goods are in accordance with the requirements of this Agreement, or that the Contractor is in any manner released from its obligation to comply with this Agreement.
10. Unless otherwise provided, all dollar amounts referred to in this Agreement are in lawful money of Canada.



Please send your hard copy invoices by mail to:

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

## **DEFICIENCIES**

11. The City shall have a reasonable time to inspect and to accept the Goods. The City may reject any Goods not in accordance with this Agreement, whether due to damage resulting from improper packing, loading, unloading or otherwise. The City shall notify the Contractor of rejection of the Goods whereupon the Goods will be held subject to the disposition by the Contractor. Any costs or expenses incurred by the City as a result of the rejection of the Goods are, immediately upon written demand by the City, payable by the Contractor, and may be set off against any payments owing by the City to the Contractor.
12. The City may hold back from payments otherwise due to the Contractor up to 150% of a reasonable estimate, as determined by the City, on account of deficient or defective materials. This holdback may be held, without interest, until replacement Goods are received or such deficiency or defect is remedied.

## **DEFAULT AND TERMINATION**

13. In the event the Contractor does not ship the Goods by the shipping date specified in this Agreement, or does not deliver the Goods by the delivery date specified in this Agreement, or otherwise fails to comply with the requirements of this Agreement, then:
  - (a) the City reserves the right to terminate this Agreement, in whole or in part, and in the event of such termination no payment will be owing by the City on account of this Agreement and the Contractor will be liable for any and all expenses or loss resulting from such failure or delay and will return all monies paid by the City; or
  - (b) if the City does not terminate this Agreement for late shipping or delivery, the City may deduct and setoff from any payments owing to the Contractor all additional costs the City reasonably incurs on account of the late shipping or delivery.
14. The City may by written notice at any time cancel this Agreement with respect to Goods which, as of the date of cancellation, have not been shipped.
15. If the Contractor becomes insolvent or makes an assignment for the benefit of creditors or a receiver or trustee is appointed for the property of the Contractor, then the City may, at its election, and without prejudice to its rights at law or in equity, terminate this Agreement.
16. The City will not accept nor be responsible for any restocking charges for any Goods shipped to the City and then, for whatever reason, returned to the Contractor pursuant

to this Agreement. The Contractor is to bear all costs including shipping and handling of returned Goods.

## **WARRANTIES AND INDEMNITIES**

17. The Contractor warrants that the Goods shall be free from defects in design, materials, workmanship and title, shall conform in all respects to the terms of this Agreement, shall be fit and suitable and perform satisfactorily for the purposes and under the conditions made known to the Contractor by the City or which were reasonably inferable. The Goods shall be at least equal to the higher of national standards or codes (such as, by way of illustration, CSA or ASTM), or standards and codes customarily applicable at the place where the City will use the Goods. The Goods shall be of the best quality, if no quality is specified. This general warranty is independent of and without prejudice to any specific warranty or service guarantee offered by the Contractor or third party manufacturer or supplier of the Goods in connection with the purpose for which the Goods were purchased. The Contractor shall assign to the City any warranty or service guarantee offered by a third party manufacturer or supplier of the Goods. Notwithstanding this assignment, if at any time up to one year from the date of delivery or installation (if applicable) the City determines the Goods or any part do not conform to these warranties, the City shall notify the Contractor within a reasonable time after such discovery, and the Contractor shall then promptly correct such nonconformity at the Contractor's expense. Goods used to correct a nonconformity shall be similarly warranted for one year from the date of installation. The Contractor's liability shall extend to all liabilities, losses, damages, claims and expenses incurred by the City caused by any breach of any of the above warranties.
18. The Contractor warrants and guarantees that Goods delivered under this Agreement do not infringe any valid patent, copyright or trademark, foreign or domestic, owned or controlled by any other corporation, firm or person, and agrees to indemnify and save harmless the City and all of its elected and appointed officials, officers, employees, servants, representatives and agents (collectively the "Indemnitees"), from and against any and all claims, demands, causes of action, suits, losses, damages and costs, liabilities, expenses and judgments (including all actual legal costs) by reason of any claim, action or litigation arising out of any alleged or actual infringement of any patent, copyright or trademark, foreign or domestic, relating to the Goods supplied under this Agreement.
19. The Contractor represents and warrants that all Goods delivered under this Agreement shall comply with all applicable codes, statutes, by-laws, rules and regulations, or any federal, provincial, municipal or other competent authority for the time being in force, including any environmental laws and that the Goods are not dangerous to the environment or to person or health.
20. The Contractor will indemnify and save harmless the Indemnitees from and against all claims, demands, causes of action, suits, losses, damages and costs, liabilities expenses and judgments (including all actual legal costs) for damage to or destruction

or loss of property, including loss of use, and injury to or death of any person or persons which any of the Indemnitees incur, suffer or are put to arising out of or in connection with any failure, breach or non-performance by the Contractor of any obligation of this Agreement, or any wrongful or negligent act or omission of the Contractor or any employee or agent of the Contractor.

## **CUSTOMS**

21. Documentation for shipments of Goods from outside Canada shall be provided by a Contractor by airmail and shall include all documents as required by law or customary practice. All packages shall be marked as follows:

“Upon arrival, please contact customs broker:  
Livingston International Inc.  
Telephone: 604-685-3555  
Fax: 604-605-8231  
Email: cst19@livingstonintl.com”

## **INSPECTIONS**

22. If this Agreement pertains to the fabrication, assembly or other processing of the Goods, representatives of the City shall be permitted free access at all reasonable times for the purpose of inspection, testing or obtaining information as to the progress of the fabrication, assembly or processing.

## **SAFETY**

23. If this Agreement includes any inspection, installation or other work on the City's premises by the Contractor, or representative or sub-contractor of the Contractor, all such activity shall be performed and undertaken in strict compliance with all applicable health and safety laws and regulations, including, without limitation, the Workers Compensation Act, the Occupational Health & Safety Regulation and the Hazardous Products Act, and also in strict compliance with any published and issued by the City for use at the City's premises. The Contractor shall provide the City with the Contractor's Workers Compensation Board registration number and a letter from the Workers Compensation Board confirming the Contractor is registered in good standing with the Workers Compensation Board and that all assessments have been paid to the date thereof prior to the City having any obligation to pay monies under this Agreement.

## **WHMIS/MSDS**

24. The Contractor covenants and agrees to comply with all the Workers Compensation Board Occupational Health and Safety Regulations for hazardous materials and substances, and in particular with the “Workplace Hazardous Materials Information

Systems (WHMIS)" Regulations. All "Material Safety Data Sheets (MSDS)" will be shipped along with the Goods and any future MSDS updates will be forwarded.

## **SHOP DRAWINGS**

25. The City may require that shop drawings be submitted by the Contractor for review prior to the delivery of the Goods. The City may require that a qualified registered professional engineer stamp and approve a shop drawing prior to submission. Any review of shop drawings by the City will not relieve the Contractor from its obligation to deliver Goods in full compliance with all requirements of this Agreement.

## **WAIVER**

26. Any failure of the City at any time or from time to time to enforce or require the strict keeping or performance of any of the terms and conditions contained in this Agreement shall not constitute a waiver of the terms and conditions and shall not affect or impair the terms or conditions in any way or the City's right at any time to avail itself of any remedies as the City may have for any breach or breaches of the terms and conditions.

## **APPLICABLE LAW**

27. This Agreement shall be governed by and construed in accordance with the laws of the Province of British Columbia. The City and the Contractor accept the jurisdiction of the courts of British Columbia and agree that any action under this Agreement shall be brought in such courts.

## **NOTICES**

28. Any notice, report or other document that either party may be required or may wish to give to the other must be in writing, unless otherwise expressly provided for, and will be deemed to be validly given to and received by the addressee:
- (a) by hand, on delivery;
  - (b) by facsimile, on transmission; or
  - (c) by mail, five calendar days after posting.

The addresses for delivery will be as follows:

- (a) The City:  
Attention:
- (b) The Contractor:  
Attention:

## **MERGER AND SURVIVAL**

29. The representations, agreements, covenants and obligations set out in this Agreement shall survive the delivery of the Goods and payment of the Purchase Price.

## **ENTIRE AGREEMENT**

30. This Agreement, including any other documents expressly included by reference in this Agreement, contains the entire agreement of the parties regarding the provision of the Goods, and no understandings or agreements, oral or otherwise, exist between the parties except as expressly set out in this Agreement. This Agreement supersedes and cancels all previous agreements between the parties relating to the Goods.
31. In the event that the Contractor issues an invoice, packing slip, sales receipt, or any like document to the City, the City accepts the document on the express condition that any terms and conditions in it which constitute terms and conditions which are in addition to or which establish conflicting terms and conditions to those set out in this Agreement are expressly rejected by the City.

## **SIGNATURE**

32. This Agreement may be executed in one or more counterparts all of which when taken together will constitute one and the same Agreement, and one or more of the counterparts may be delivered by fax transmission or as a pdf file.

**- END OF PAGE -**

**ENUREMENT**

33. This Agreement shall enure to the benefit of and be binding upon the respective successors and permitted assigns of the City and the Contractor.

**IN WITNESS WHEREOF** the parties hereto have executed this Agreement on the day and year first above written.

**CITY OF SURREY**

by its authorized signatory:

\_\_\_\_\_  
(Signature of Authorized Signatory)

\_\_\_\_\_  
(Print Name and Position of Authorized Signatory)

**CONTRACTOR**

by its authorized signatories:

\_\_\_\_\_  
(Legal Name of Contractor)

\_\_\_\_\_  
(Signature of Authorized Signatory)

\_\_\_\_\_  
(Signature of Authorized Signatory)

\_\_\_\_\_  
(Print Name and Position of Authorized Signatory)

\_\_\_\_\_  
(Print Name and Position of Authorized Signatory)

## **SCHEDULE A – SPECIFICATION OF GOODS**

### **1. GENERAL DESCRIPTION**

The Contractor should supply and deliver one (1) 2016 crack sealing unit with compressor mounted on a tandem axle trailer. The crack sealing unit (melter/applicator) should be able to safely melt, agitate, circulate and apply all grades of asphalt rubber sealants, specification joint sealants, and fiber modified asphalt sealants. The machine should be capable of starting at ambient temperature and bringing material to pouring temperature in less than one (1) hour. The unit must have continuous sealant agitation with internal recirculation of sealant to eliminate temperature stratification of sealant being applied.

The Contractor should provide a factory-trained representative for onsite training of operators and mechanical staff, and assist with the initial startup of the machine.

### **2. EQUIVALENT PRODUCT**

Quotations will be accepted for consideration on any make or model that is equal or superior to the equipment specified. Decisions of equivalency will be at the sole interpretation of the Fleet and Garage Manager of the City's Engineering Department. A blanket statement that equipment proposed will meet all requirements will not be sufficient to establish equivalence. Original manufacturer's brochures of the proposed unit are to be submitted with the Quotation.

All modifications made to the standard production unit described in the manufacturer's brochures must be certified by the manufacturer and submitted with the Quotation, or the Quotation may be rejected. Contractor must be prepared to demonstrate a unit similar to the one proposed, if requested.

### **3. DELIVERY AND STORAGE**

The crack sealing unit shall be delivered F.O.B. Destination, Freight Prepaid to the City in first class operating condition. If the Contractor must store, park, or hold the unit until such a time that the City, at its sole discretion, requires them, the Contractor will store the unit at no additional cost to the City.

### **4. TITLE, RISK OF LOSS, FREIGHT**

Title of goods received under the Agreement shall remain with the Contractor until they are delivered to the City's Works Yard, 6651 – 148<sup>th</sup> Street, Surrey, BC at which time title passes to the City. The Contractor will bear all risks of loss, theft, injury, or destruction or damage of goods and materials ordered herein which occur prior to delivery and acceptance. Such loss, injury, or destruction or damage shall not release the Contractor from any obligations under the Agreement.

## 5. OPTIONAL ITEMS

The City may choose, at its sole discretion, to add any or all of the optional items to this purchase. Contractor shall provide on a cover letter with a list of options and prices.

## 6. PREFERRED SPECIFICATIONS

The specification herein states the preferred requirements of the City. All Quotations must be regular in every respect. Unauthorized conditions, limitations, or provisions may cause Quotations to be rejected.

PREFERRED SPECIFICATIONS	
<b>A. TRAILER</b>	
1.	The frame is to be constructed of minimum 6" x 2"x 3/16" gusseted steel tube for safety and strength.
2.	Tandem axle trailer, with GAWR of a minimum of 7,000 lbs, and fitted with dual torsion axle system, fitted with radial tires.
3.	The trailer hitch shall have an adjustable hitch height from 15" to 30" approximately, and supplied with a pintle ring connection.
4.	An appropriate adjustable screw type jack, which "swings away" when not in use shall be provided.
5.	The trailer shall be equipped with electric brakes on all four wheels, and be equipped with an emergency breakaway switch.
6.	The trailer shall be equipped with two 3/8" safety chains with slip hooks.
7.	Fenders shall be manufactured from a minimum of 12 gauge steel to facilitate the handling and loading of material blocks into the melting tank.
8.	LED lights shall be installed, which includes, stop, tail, turn signals, clearance lights front and rear, and license plate light.
9.	The trailer and all components must comply with government regulations and requirements. <ul style="list-style-type: none"><li>• Federal Government Motor Vehicle Standards</li><li>• BC Motor Vehicle Act and Regulations</li><li>• BC Workers' Compensation Board Regulations</li><li>• BC Emissions Standards</li></ul>
10.	The lighting harness shall have weather proof connectors at all lights. A six way round plug will be included.
<b>B. MELTING SYSTEM</b>	
11.	The material tank will have an approximate capacity of 230 US gallons.
12.	The material and oil tanks shall be constructed of no less than 7 gauge steel material. The oil tank must hold approximately 30 gallons of heat transfer oil (HTO) at ambient temperature. The oil reservoir will be surrounded by approximately 10 gauge air reservoir that will be filled with hot burner gases heating both the bottom and sides of the oil tank for heat transfer.
13.	Tank must be insulated on top, sides and bottom with a min. 1.5" ceramic or FBX insulation.
14.	The agitator shall be a full sweep vertical direct driven reversible design. Agitator shaft must include auger flighting for best mixing.
15.	The loading doors (2 required) shall be approximately 15 x 26 inch each, insulated/angled. The loading doors shall be of "splash-free" design, with a door on either side of the unit.



## PREFERRED SPECIFICATIONS

16. For safety, the loading height shall be no more than 48".
17. For safety the unit shall have a vented heat transfer oil expansion tank.
18. The diesel burner shall be approximately 290,000 BTU for fuel economy and fast heat-up.
19. Minimum six (6) inch round wand recirculation chamber located on the rear of the machine is required.

### C. MATERIAL DELIVERY SYSTEM

20. The material pump shall be direct coupled, driven hydraulically and run in either direction to permit cleaning of pipe system. The pump shall be mounted externally of the tank.
21. A minimum of 20 gpm is required output. The pump speed shall be variable with a maximum of 25 rpm to achieve maximum pump output.
22. When sealing valve is closed, all sealant must be recirculated back to machine to provide fast recovery and heat up time.
23. Sealing hose will be electrically heated. For safety, only supported hose from a boom on the machine will be acceptable. Due to weight, length and flexibility considerations, oil heated hoses will not be considered. The hose will be a minimum of ¾" inner diameter (ID) and no less than 20 feet long.
24. Hose boom will be centrally located at the rear of the heating chamber. Boom height must be high enough as to allow a 6' 2" operator to walk under without risk of personal injury. The boom must be supported by two (2) pillow block bearings for long life and durability.
25. The wand will utilize a ball valve attached at the end of the wand to eliminate dripping when valve is shut off. Rubber tips are not an acceptable substitution. Should the wand be accidentally dropped, all flow and line pressure must cease.
26. A 2.5" swivel sealing disk shall be included.

### D. CONTROL SYSTEM

27. The Display must have digital controllers with readout for oil and material temperatures. Control must have intervals no greater than one (1) degree F and continuously monitor thermocouples.
28. The control panel will contain (3) LED Status indicators for pump, agitator and hose. When all three indicators are green, operator can begin to work.
29. Digital controllers must display an error code and shut burner down should a thermocouple failure occur.
30. The control system must be able to operate in Manual or Automatic mode. When in "Auto", the system will control agitation and pump start up by temperature.
31. The unit shall be equipped with a minimum of a 1500 watt overnight electric heating element.
32. Pump forward/reverse and agitator forward/reverse will be electrically controlled from paddle switches on the control station without having to open the box. A clear cover will allow viewing of status LED's and digital temperature readout without opening box.
33. A single hydraulic manifold system shall be provided with cartridge valves, which permit maintenance without hose removal. Pressure relief valves included for protection of motors. Nine (9) preset positions are available to adjust sealant flow.
34. Additional status LED indicators shall provide burner, pump and hose heating status.
35. Additional analog gauges shall be included for agitator and material pump pressure and backup material temperature.

<b>PREFERRED SPECIFICATIONS</b>	
<b>E.</b>	<b>ENGINE, BURNER, HYDRAULICS, COMPRESSOR</b>
36.	The unit will be equipped with a three (3) cylinder direct injected, 40hp, diesel engine. The engine will have spin-on type oil and fuel filters. The engine will also provide hydraulic power to 70 cfm compressor.
37.	The unit shall be supplied with an engine cover.
38.	The engine will be protected by a Digital Engine Management System including integrated hour meter and also burner failure indicator lamp.
39.	Auto Shutdown protection will be provided for alternator, oil pressure coolant temperature.
40.	The exhaust will exit through a noise reduced cowl muffler.
41.	The unit will include a minimum 30 gallon diesel fuel tank. The tank will incorporate a fuel fill cap and integrated fuel gauge.
42.	The system will include separate dual spin-on type fuel filters with ball valve shut offs to simplify filter replacement and supply fuel to the burner and engine. Filters will be located near the fuel tank for ease of maintenance.
43.	The hydraulic tank shall be a minimum of a 30 gallon reservoir, and shall be equipped with a suction strainer and a return filter and a sight level with integrated temperature gauge.
44.	One 12 volt 290,000 BTU diesel burner will fire into an angled ceramic lined combustion chamber. The burner will have a self-contained electronic spark igniter and proof of flame protection. To minimize downtime the burner must be self-priming and be equipped with a fuel pressure gauge.
45.	The unit will be equipped with an integrated rotary screw air compressor to be used for crack preparation.
46.	Compressor must have a minimum rating of 70cfm @100 PSI. The unit will be hydraulically driven.
47.	50 feet of ½" air hose must be provided with a self-retracting hose reel.
48.	The compressor shall incorporate an hour meter and indicators for air filter and oil OK lights with test button.
49.	A 48" OSHA approved cold-air lance with dead man trigger must also be provided with unit and must have secure storage on the machine.
50.	Insulated noise reducing locking engine cover.
<b>F.</b>	<b>SAFETY</b>
51.	Agitator Stop, (stops agitator when loading door opens).
52.	Operator horn, audible communication system.
53.	10 lb. fire extinguisher, mounted with bracket.
<b>G.</b>	<b>PAINT, ACCESSORIES</b>
54.	The unit shall be painted using powder coat paint in black. It will be equipped with required safety decals and signage.
55.	Tool Box, shall be provided and mounted on trailer.
<b>H.</b>	<b>WARRANTY, TRAINING, PARTS</b>
56.	The manufacturer shall warranty the equipment for a minimum period of one year. Engine and compressor must be covered for a minimum period of two (2) years or 2000 hours.
57.	Complete operation manual, parts lists, and training video must be furnished with the unit.



## QUOTATION

### SCHEDULE B

RFQ Title: **SUPPLY & DELIVERY OF CRACK SEALING EQUIPMENT**

RFQ No: 1220-040-2016-017

#### CONTRACTOR

Legal Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

#### CITY OF SURREY

TO:

City Representative: Richard D. Oppelt  
Purchasing Manager

Address: Surrey City Hall  
Finance & Technology Department – Purchasing Section  
Reception Counter, 5<sup>th</sup> Floor West  
13450 – 104<sup>th</sup> Avenue, Surrey, B.C., V3T 1V8

Telephone: 604-590-7274

Email: [purchasing@surrey.ca](mailto:purchasing@surrey.ca)

1. If this offer is accepted by the City, such offer and acceptance will create a contract as described in:
  - (a) the RFQ;
  - (b) the specifications set out above and in Schedule A of the RFQ;
  - (c) the General Terms and Conditions; and
  - (d) this Quotation; and
  - (e) other terms, if any, that are agreed to by the parties in writing.
2. Capitalized terms used and not defined in this Quotation will have the meanings given to them in the RFQ. Except as specifically modified by this Quotation, all terms, conditions, representations, warranties and covenants as set out in the RFQ will remain in full force and effect.

3. The Contractor offers to supply to the City of Surrey the Goods for the prices plus applicable taxes as follows:

<b>F.O.B.</b> Destination, Freight Prepaid	<b>Payment Terms:</b> A cash discount of ____% will be allowed if invoices are paid within ____ days, or the ____ day of the month following, or net 30 days, on a best effort basis.	<b>Ship Via:</b>			
The Contractor will provide all labour, plant, materials, tools and equipment necessary for the supply and delivery of one (1) 2016 crack sealing unit with compressor mounted on a tandem axle trailer:					
<b>Item #</b>	<b>Item Name</b>	<b>Quantity</b>	<b>U/M</b>	<b>Unit Price</b>	<b>Total Amount</b>
1	Crack Sealing Unit	1	Each	\$	\$
2	Environmental Levy (Battery)	1	Each	\$	\$
3	Tire Stewardship BC (TSBC) Levy	1	Each	\$	\$
4	Options: specify			\$	\$
5	Options: specify			\$	\$
Note: The above amounts include, but are not limited to: import duties, brokerage fees, royalties, handling charges, overhead, profit and all other costs included.					
CURRENCY: Canadian				Subtotal:	\$
				GST (5%):	\$
				PST (7%):	\$
				<b>TOTAL:</b>	<b>\$</b>

4. Contractor to provide the number of business days for delivery upon the receipt of a Purchase Order:
- 
5. Contractor to provide year, make, and model:
- 
- 
6. Contractor to provide information on spare parts stock and repair and servicing location for warranty work and or repairs:
- 
- 
7. Contractor to provide location of the nearest factory authorized warranty repair facility / parts dealership:
- 
-

8. Contractor to provide a list of contractors in the Lower Mainland who are using the proposed model unit:
- \_\_\_\_\_
- \_\_\_\_\_
9. Contractor to provide references from a minimum of three (3) users of the proposed unit:
- \_\_\_\_\_
- \_\_\_\_\_
10. State Manufacturer's Warranty: \_\_\_\_\_
11. State Engine Warranty: \_\_\_\_\_
12. State Compressor Warranty: \_\_\_\_\_
13. Warranty repairs shall be performed at: \_\_\_\_\_
14. The Contractor is to indicate on each line provided below if they meet or exceed items 1 through 57 as specified, Yes or No. If No, any deviations from the stated specifications should be supported by the manufacturer or dealer's detailed description of each variation with reference made to each item to which the variation will apply. Contractor should attach additional page(s) as required to fully explain any deviations from the stated specifications. If more than one (1) make or model is offered, Contractor is to submit separate specification sheets for each item to be evaluated. Contractor is to indicate if alternate equivalent product certified by manufacturer attached YES ☐ NO ☐

Contractors should list complete manufacturers' details of model proposed in the right-side column under manufacturers' specifications:

Preferred Specifications	√ (Yes)	√ (No)	Manufacturers' Specifications of Equipment Offered. Contractors shall complete all spaces in this column.
<b>A. TRAILER</b>			
1. The frame is to be constructed of minimum 6" x 2"x 3/16" gusseted steel tube for safety and strength.	<input type="checkbox"/>	<input type="checkbox"/>	
2. Tandem axle trailer, with GAWR of a minimum of 7,000 lbs, and fitted with dual torsion axle system, fitted with radial tires.	<input type="checkbox"/>	<input type="checkbox"/>	
3. The trailer hitch shall have an adjustable hitch height from 15" to 30" approximately, and supplied with a pintle ring connection.	<input type="checkbox"/>	<input type="checkbox"/>	
4. An appropriate adjustable screw type jack, which "swings away" when not in use shall be provided.	<input type="checkbox"/>	<input type="checkbox"/>	

Preferred Specifications	√ (Yes)	√ (No)	Manufacturers' Specifications of Equipment Offered. Contractors shall complete all spaces in this column.
5. The trailer shall be equipped with electric brakes on all four wheels, and be equipped with an emergency breakaway switch.	<input type="checkbox"/>	<input type="checkbox"/>	
6. The trailer shall be equipped with two 3/8" safety chains with slip hooks.	<input type="checkbox"/>	<input type="checkbox"/>	
7. Fenders shall be manufactured from a minimum of 12 gauge steel to facilitate the handling and loading of material blocks into the melting tank.	<input type="checkbox"/>	<input type="checkbox"/>	
8. LED lights shall be installed, which includes, stop, tail, turn signals, clearance lights front and rear, and license plate light.	<input type="checkbox"/>	<input type="checkbox"/>	
9. The trailer and all components must comply with government regulations and requirements. <ul style="list-style-type: none"> <li>• Federal Government Motor Vehicle Standards</li> <li>• BC Motor Vehicle Act and Regulations</li> <li>• BC Workers' Compensation Board Regulations</li> <li>• BC Emissions Standards</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	
10. The lighting harness shall have weather proof connectors at all lights. A six way round plug will be included.	<input type="checkbox"/>	<input type="checkbox"/>	
<b>B. MELTING SYSTEM</b>			
11. The material tank will have an approximate capacity of 230 US gallons.	<input type="checkbox"/>	<input type="checkbox"/>	
12. The material and oil tanks shall be constructed of no less than 7 gauge steel material. The oil tank must hold approximately 30 gallons of heat transfer oil (HTO) at ambient temperature. The oil reservoir will be surrounded by approximately 10 gauge air reservoir that will be filled with hot burner gases heating both the bottom and sides of the oil tank for heat transfer.	<input type="checkbox"/>	<input type="checkbox"/>	
13. Tank must be insulated on top, sides and bottom with a min. 1.5" ceramic or FBX insulation.	<input type="checkbox"/>	<input type="checkbox"/>	
14. The agitator shall be a full sweep vertical direct driven reversible design. Agitator shaft must include auger flighting for best mixing.	<input type="checkbox"/>	<input type="checkbox"/>	
15. The loading doors (2 required) shall be approximately 15 x 26 inch each, insulated/angled. The loading doors shall be of "splash-free" design, with a door on either side of the unit.	<input type="checkbox"/>	<input type="checkbox"/>	
16. For safety, the loading height shall be no more than 48".	<input type="checkbox"/>	<input type="checkbox"/>	

Preferred Specifications	√ (Yes)	√ (No)	Manufacturers' Specifications of Equipment Offered. Contractors shall complete all spaces in this column.
17. For safety the unit shall have a vented heat transfer oil expansion tank.	<input type="checkbox"/>	<input type="checkbox"/>	
18. The diesel burner shall be approximately 290,000 BTU for fuel economy and fast heat-up.	<input type="checkbox"/>	<input type="checkbox"/>	
19. Minimum six (6) inch round wand recirculation chamber located on the rear of the machine is required.	<input type="checkbox"/>	<input type="checkbox"/>	
<b>C. MATERIAL DELIVERY SYSTEM</b>			
20. The material pump shall be direct coupled, driven hydraulically and run in either direction to permit cleaning of pipe system. The pump shall be mounted externally of the tank.	<input type="checkbox"/>	<input type="checkbox"/>	
21. A minimum of 20 gpm is required output. The pump speed shall be variable with a maximum of 25 rpm to achieve maximum pump output.	<input type="checkbox"/>	<input type="checkbox"/>	
22. When sealing valve is closed, all sealant must be recirculated back to machine to provide fast recovery and heat up time.	<input type="checkbox"/>	<input type="checkbox"/>	
23. Sealing hose will be electrically heated. For safety, only supported hose from a boom on the machine will be acceptable. Due to weight, length and flexibility considerations, oil heated hoses will not be considered. The hose will be a minimum of ¾" inner diameter (ID) and no less than 20 feet long.	<input type="checkbox"/>	<input type="checkbox"/>	
24. Hose boom will be centrally located at the rear of the heating chamber. Boom height must be high enough as to allow a 6' 2" operator to walk under without risk of personal injury. The boom must be supported by two (2) pillow block bearings for long life and durability.	<input type="checkbox"/>	<input type="checkbox"/>	
25. The wand will utilize a ball valve attached at the end of the wand to eliminate dripping when valve is shut off. Rubber tips are not an acceptable substitution. Should the wand be accidentally dropped, all flow and line pressure must cease.	<input type="checkbox"/>	<input type="checkbox"/>	
26. A 2.5" swivel sealing disk shall be included.	<input type="checkbox"/>	<input type="checkbox"/>	
<b>D. CONTROL SYSTEM</b>			
27. The Display must have digital controllers with readout for oil and material temperatures. Control must have intervals no greater than one (1) degree F and continuously monitor thermocouples.	<input type="checkbox"/>	<input type="checkbox"/>	

Preferred Specifications	√ (Yes)	√ (No)	Manufacturers' Specifications of Equipment Offered. Contractors shall complete all spaces in this column.
28. The control panel will contain (3) LED Status indicators for pump, agitator and hose. When all three indicators are green, operator can begin to work.	<input type="checkbox"/>	<input type="checkbox"/>	
29. Digital controllers must display an error code and shut burner down should a thermocouple failure occur.	<input type="checkbox"/>	<input type="checkbox"/>	
30. The control system must be able to operate in Manual or Automatic mode. When in "Auto", the system will control agitation and pump start up by temperature.	<input type="checkbox"/>	<input type="checkbox"/>	
31. The unit shall be equipped with a minimum of a 1500 watt overnight electric heating element.	<input type="checkbox"/>	<input type="checkbox"/>	
32. Pump forward/reverse and agitator forward/reverse will be electrically controlled from paddle switches on the control station without having to open the box. A clear cover will allow viewing of status LED's and digital temperature readout without opening box.	<input type="checkbox"/>	<input type="checkbox"/>	
33. A single hydraulic manifold system shall be provided with cartridge valves, which permit maintenance without hose removal. Pressure relief valves included for protection of motors. Nine (9) preset positions are available to adjust sealant flow.	<input type="checkbox"/>	<input type="checkbox"/>	
34. Additional status LED indicators shall provide burner, pump and hose heating status.	<input type="checkbox"/>	<input type="checkbox"/>	
35. Additional analog gauges shall be included for agitator and material pump pressure and backup material temperature.	<input type="checkbox"/>	<input type="checkbox"/>	
<b>E. ENGINE, BURNER, HYDRAULICS, COMPRESSOR</b>			
36. The unit will be equipped with a three (3) cylinder direct injected, 40hp, diesel engine. The engine will have spin-on type oil and fuel filters. The engine will also provide hydraulic power to 70 cfm compressor.	<input type="checkbox"/>	<input type="checkbox"/>	
37. The unit shall be supplied with an engine cover.	<input type="checkbox"/>	<input type="checkbox"/>	
38. The engine will be protected by a Digital Engine Management System including integrated hour meter and also burner failure indicator lamp.	<input type="checkbox"/>	<input type="checkbox"/>	
39. Auto Shutdown protection will be provided for alternator, oil pressure coolant temperature.	<input type="checkbox"/>	<input type="checkbox"/>	
40. The exhaust will exit through a noise reduced cowl muffler.	<input type="checkbox"/>	<input type="checkbox"/>	



Preferred Specifications	√ (Yes)	√ (No)	Manufacturers' Specifications of Equipment Offered. Contractors shall complete all spaces in this column.
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46. Compressor must have a minimum rating of 70cfm @100 PSI. The unit will be hydraulically driven.	<input type="checkbox"/>	<input type="checkbox"/>	
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48. The compressor shall incorporate an hour meter and indicators for air filter and oil OK lights with test button.	<input type="checkbox"/>	<input type="checkbox"/>	
49. A 48" OSHA approved cold-air lance with dead man trigger must also be provided with unit and must have secure storage on the machine.	<input type="checkbox"/>	<input type="checkbox"/>	
50. Insulated noise reducing locking engine cover.	<input type="checkbox"/>	<input type="checkbox"/>	
<b>F. SAFETY</b>			
51. Agitator Stop, (stops agitator when loading door opens).	<input type="checkbox"/>	<input type="checkbox"/>	
52. Operator horn, audible communication system.	<input type="checkbox"/>	<input type="checkbox"/>	
53. 10 lb. fire extinguisher, mounted with bracket.	<input type="checkbox"/>	<input type="checkbox"/>	
<b>G. PAINT, ACCESSORIES</b>			
54. The unit shall be painted using powder coat paint in black. It will be equipped with required safety decals and signage.	<input type="checkbox"/>	<input type="checkbox"/>	

Preferred Specifications	√ (Yes)	√ (No)	Manufacturers' Specifications of Equipment Offered. Contractors shall complete all spaces in this column.
55. Tool Box, shall be provided and mounted on trailer.	<input type="checkbox"/>	<input type="checkbox"/>	
<b>H. WARRANTY, TRAINING, PARTS</b>			
56. The manufacturer shall warranty the equipment for a minimum period of one year. Engine and compressor must be covered for a minimum period of two (2) years or 2000 hours.	<input type="checkbox"/>	<input type="checkbox"/>	
57. Complete operation manual, parts lists, and training video must be furnished with the unit.	<input type="checkbox"/>	<input type="checkbox"/>	

15. I/We the undersigned duly authorized representatives of the Contractor, having received and carefully reviewed the RFQ including without limitation the Specifications and the General Terms and Conditions, submit this Quotation in response to the RFQ.

**This Quotation** is offered by the Contractor this \_\_\_\_\_ day of \_\_\_\_\_, 201\_\_.

#### **CONTRACTOR**

**I/We have the authority to bind the Contractor**

\_\_\_\_\_  
(Legal Name of Contractor)

\_\_\_\_\_  
(Signature of Authorized Signatory)

\_\_\_\_\_  
(Signature of Authorized Signatory)

\_\_\_\_\_  
(Print Name and Position of Authorized Signatory)

\_\_\_\_\_  
(Print Name and Position of Authorized Signatory)