



REQUEST FOR QUOTATIONS

Title: Supply and Delivery of a Wildland Bush Fire Truck

Reference No.: 1220-040-2022-015

FOR THE SUPPLY OF GOODS

(General Services)

Issue Date: February 11th, 2022

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REQUEST FOR QUOTATIONS

1. INTRODUCTION

The City of Surrey (the "**City**") invites contractors to provide a quotation on the form attached as Schedule B – Form of Quotation to Attachment 1 – Quotation Agreement (the "**Quotation**") for the supply and delivery of the goods described in Schedule A – Specifications of Goods to Attachment 1 – Quotation Agreement - Goods (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

The Contractor should submit the Quotation **electronically** in a single pdf file which must be delivered to the City by email at: purchasing@surrey.ca

Confirmation of receipt of emails will be issued. Quotations that cannot be opened or viewed may be rejected. A Contractor bears all risk that the City's receiving computer equipment functions properly so that the City receives the Quotation.

Note: The maximum file size the City can receive is 10Mb. If sending large email attachments, Contractors should phone [604-590-7274] to confirm receipt.

3. DATE

The City would prefer to receive Quotations on or before March 8th, 2022 (the "**Date**").

4. INQUIRIES

All inquiries related to this Request for Quotations (the "**RFQ**") should be directed in writing to the person named below (the "**City Representative**"). Information obtained from any person or source other than the City Representative may not be relied upon.

Name: Sunny Kaila, Manager, Procurement Services

Email: purchasing@surrey.ca

Reference: 1220-040-2022-015

Inquiries should be made no later than 7 business days before the Date set out in Section 3. The City reserves the right not to respond to inquiries made within 7 business days of the Date set out in Section 3. Inquiries and responses will be recorded and may be distributed to all Contractors at the discretion of the City.

Contractors finding discrepancies or omissions in the Agreement or RFQ, or having doubts as to the meaning or intent of any provision, should immediately notify the City Representative. If the City determines that an amendment is required to this RFQ, the

City Representative will issue an addendum in accordance with Section 5. No oral conversation will affect or modify the terms of this RFQ or may be relied upon by any Contractor.

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 and the City website at www.surrey.ca (collectively, the “Websites”), and upon posting, any addenda will form a part of this RFQ. It is the responsibility of Contractors to check the Websites 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 of the Contractor and the authorized signatory of the City have signed. Delivery of the signed Agreement by the City may be by fax, pdf e-mail or hard copy. 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 should 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, CITY STAFF AND CITY CONSULTANTS

Contractors and their agents will not contact any member of the City Council, City staff or City consultants 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. PRICES

All prices submitted shall be for the entire equipment described in Schedule A with pricing options shown separately, where permitted.

Prices shall be shown on the Quotation form with GST/PST, Environmental Taxes and Levies are to be shown separately.

Deliver to:

City of Surrey
Fire Hall 9
Service Centre,
14901 – 64th Avenue
Surrey, BC V3S 1X8

Attention: Keith Sharp Fleet & Garage Manager

Prices are to be quoted F.O.B. Destination, freight prepaid, unloading at destination, import duties, brokerage fees, royalties, handling charges, overhead, profit and all other costs included.

GST/PST or Environmental Tax Rates will be allowed.

Prices to be quoted in Canadian currency.

The lowest price of any Quotation will not necessarily be accepted but will be analyzed to determine best value.

15. BRAND NAME SPECIFICATIONS AND/OR REFERENCES

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.

16. ANTICIPATED QUANTITIES

The City reserves the right and discretion to place orders on quoted items during the duration of the term of the agreement as per Schedule B – Form of Quotation on an as per need basis. All quantities are anticipated quantities only and may or may not increase or decrease according to requirements.

ATTACHMENT NO. 1 – DRAFT QUOTATION AGREEMENT – GOODS

Reference RFQ Title: Supply and Delivery of a Wildland Bush Fire Truck

RFQ No.: 1220-040-2022-015

BETWEEN:

CITY OF SURREY
13450 – 104th. Avenue
Surrey, B.C., V3T 1V8
(the "**City**")

AND:

(the "**Contractor**")
[INSERT THE FULL LEGAL NAME AND ADDRESS OF 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; and
 - (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 PST.

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) Schedule B – Quotation Extracts;
 - (c) Schedule A – Specifications of Goods; 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 Extracts.

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 – Specifications of Goods 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.

TIME

7. Time is of the essence.

PAYMENT

8. Invoices should 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 amount (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 this Agreement, 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.
11. Payments to Contractors will be made through Electronic Funds Transfer (EFT), directly into the Contractor's bank account. An EFT application form will be provided to the Contractor for completion.

DEFICIENCIES

12. 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.
13. 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

14. 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.
15. 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.
16. 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.

17. 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

18. 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.
19. 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.
20. 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.

21. 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

22. 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

23. 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

24. If this Agreement includes any inspection, installation or other work on the City's premises by the Contractor, or representative or subcontractor 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 supplier 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

25. 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

26. Drawings for approval and blueprints with all details thereon must be furnished within ten (10) days after the pre-construction meeting and before the construction of the Fire Apparatus begins.

The Contractor will be required to provide three (3) sets of detailed shop drawings. Shop drawings shall be formatted so that there is sufficient space for Contractor's circulation stamps to appear on the face of the submittal.

One print will be returned with appropriate notation if a re-submittal is required.

The Contractor shall provide a five (5)-view drawing showing overall dimensions and configuration of Fire Apparatus and arrangement of compartments and equipment storage. The five views shall be as follows:

- top view [entire truck]
- front end view
- rear end view;
- Left side view; and,
- right side view.

The drawings shall clearly indicate to scale, all exterior portions of the proposed Fire Apparatus, controls, lights, railings, gauges, etc. This drawing must be approved by the City prior to construction of the Fire Apparatus.

Each Contractor shall make accurate statements in their specifications as to weight, wheelbase, and other principal dimensions such as overall length, height, width, compartment sizes, door openings, etc.

The body manufacturer shall submit all applicable drawings, and calculations to the City with the Quotation package. Drawings supplied with this document are for evaluation purposes and are not intended to assist with the production of design and manufacturing drawings for the project. No Quotation shall be considered unless complete engineering drawings to the Quotation Specifications are submitted with the Quotation package. Failure to submit factory prepared drawings may result in rejection of the Quotation. The engineering drawings will allow the City the ability to fully evaluate each Quotation, design, engineering and drawing quality in comparison to the specifications.

WAIVER

27. 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

28. 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

29. Any notice, report, or other document that either party may be required or may wish to give to the other should 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

30. 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

31. 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.
32. 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

33. 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.

ENUREMENT

34. 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 written above.

CONTRACTOR

I/We have the authority to bind the Contractor.

(Legal Name of Contractor)

(Signature of Authorized Signatory)

(Print Name and Position of Authorized Signatory)

CITY OF SURREY

by its authorized signatory:

(Signature of Authorized Signatory)

(Print Name and Position of Authorized Signatory)

SCHEDULE A – SPECIFICATIONS OF GOODS

1. DESCRIPTION OF THE GOODS

The purpose of these specifications is to describe a Crew Cab Wildland Bush Fire Truck unit that comes with an auxiliary mounted engine driven fire pump. This vehicle must comply with all D.O.T. and British Columbia Motor Vehicle Act regulations.

The City's requirements are as outlined in Schedule A-1 – Technical Specifications.

2. DELIVERY

Each Contractor must state in their submission the guaranteed delivery date in number of calendar days from the date after receipt of order (ARO).

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

Title of goods received under a purchase order agreement shall remain with the Contractor until they are delivered to:

City of Surrey
Fire Hall 9, Service Centre,
14901 – 64th Avenue,
Surrey, BC
V3S 1X8

Attention: Keith Sharp

Once delivery, inspected and accepted, the title will only then pass to the City of Surrey. 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.

3. INSPECTION/DELIVERY

The item(s) specified, with packing slips/delivery slips and/or other required documents are to be delivered F.O.B. Destination, full freight prepaid to the address listed under section 2.

The Contractor is to notify Keith Sharp Fleet & Garage Manager, not less than three (3) working days prior to expected delivery / arrival to permit inspection scheduling. An authorized representative of the Seller is to supervise delivery and off-loading to the City. The City will not assume any liability for vehicle/equipment delivered to an unauthorized location.

Documentation at time of Delivery:-

Seller is to provide the following documentation upon delivery:

Copy of Purchase Order and Original Invoice(s).

Warranty Policy(ies) and/or certifications as may be required in the Specifications.

Parts, service, operators and maintenance manual(s) as may be required in the Technical Specifications.

Each unit is to be delivered clean and shall be complete with all equipment operable. The unit(s) will be inspected by the City before delivery to determine compliance with the specifications and/or to test its ability to perform its intended use.

The Contractor will be responsible for securing any and all inspections required by law, including B.C. Provincial Inspection stickers. Any fee charged for these inspections will be the responsibility of the Contractor.

4. UNSUITABLE EQUIPMENT

Quotations will not be considered for vehicles that have previously failed to perform satisfactorily or from Contractors who have a history of performance problems with the City.

5. MANUFACTURER'S WARRANTY

The Contractor will be required to furnish a warranty by the manufacturer that the equipment Quotation on is suitable for the service intended, in accordance with the specifications defined herein. The Contractor shall agree to replace and install without charge [including all labour], within the scope of the warranty, any defective part or any parts that are determined by the City not to be suitable for the service intended.

The warranty period will go into effect at the time the vehicle is placed into service by the City. Contractors are to include a complete warranty statement with their Quotation.

6. DEALERSHIP EMBLEMS/LOGOS

The Contractor will not install on the vehicle, any logos, nameplates or stickers denoting the name of the company or dealership that may be considered as advertising. Failure to comply with this requirement will result in the dealership being given the option to remove same, or reimburse the City for removal and restoration, if needed.

7. NEW VEHICLE

Equipment/vehicles are to be new and unused and not previously titled.

8. FACTORY INSTALLATION

Items that are available from the factory must be factory installed. If factory installation of an item is not available to the dealer and the dealer is making a dealer modification in order to meet the specification, it must be clearly noted in your response.

9. REJECTIONS

All materials or equipment shall be subject to inspection or test and shall meet the approval of the Chief Mechanic and his decision shall be final and binding upon all parties. Such inspection, at the option of the City, may be carried out at the place of business of the Contractor and the Contractor shall assist the Chief Mechanic, or his designate in the performance of his duties.

Should materials or equipment be defective in quality of workmanship or otherwise fail to conform to the specifications set forth, the Chief Mechanic shall have the right to reject them or require their immediate correction.

Materials or equipment requiring correction shall be removed for correction or corrected in place as requested by the Chief Mechanic at no expense to the City. Unavoidable expense encountered by the City shall be chargeable to the Contractor and deductible from any monies owing the Contractor by the City.

If the Contractor fails to take proper action promptly when requested by the Chief Mechanic, the City may replace or correct materials as necessary and charge the cost of such replacement to the Contractor or the City may terminate the Agreement as provided for herein.

10. PRE-CONSTRUCTION CONFERENCE

A qualified engineer of the body manufacturer is to meet with the City to discuss all facets of these specifications to ensure a complete and satisfactory understanding of the City's specifications and Contractor's Quotation. A pre-construction meeting will be held at the Contractor's facility. The Contractor will provide, arrange and pay for all direct and associated travel costs for this meeting. For scheduling purposes, notification of the pre-construction conference shall be a minimum of fourteen (14) days before the date. **N.B. Arrangements and dates for the pre-construction conference must be made within three (3) weeks following date of award.**

11. PRICES AND DELIVERY

All pricing shown on the Quotation is to be net, with GST and PST shown separately. All other taxes, duties, insurance in freight, customs clearance, etc. to be included in the net price.

Goods to be delivered Free on Board (F.O.B.) freight prepaid to:

City of Surrey
Fire Hall 9, Service Centre,
14901 – 64th Avenue,
Surrey, BC
V3S 1X8

- END OF PAGE -

SCHEDULE A-1 –TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS

The specification herein states the minimum requirements of the City of Surrey. All Quotations must be regular in every respect. Unauthorized conditions, limitations, or provisions shall be cause for rejection. This vehicle must comply with all D.O.T. and British Columbia Motor Vehicle Act regulations.

Please refer to: **Schedule B-1 – Technical Specifications Worksheet**

A. Technical Requirements
1. This vehicle will meet the most current version of the NFPA 1906 standard in effect at the time of purchase.
2. All components assembled by the proponent will be tested for their function both during assembly and after final product completion, assuring product quality. All costs to perform this testing will be covered by the proponent.
3. The vendor shall be registered with Transport Canada as a Final Stage Manufacturer and carry a current National Safety Mark (NSM), which shall be permanently affixed to the completed vehicle.
4. The apparatus shall be reviewed by a Professional Engineer prior to manufacturing with a full weight study to determine the in-service weights and load capabilities of the apparatus.
5. A conceptual drawing of the completed apparatus shall be supplied, including both sides and the rear of the apparatus at a minimum. The drawing shall be a conceptual drawing of the exact apparatus as proposed and shall be reviewed by a Professional Engineer. A reference drawing shall not be acceptable.
6. The following documentation will be furnished upon delivery of the completed apparatus: <ul style="list-style-type: none">• One (1) copy of the chassis operation manuals• Two (2) digital copies of the NFPA 1906 required testing documentation• One (1) copy of the warranties supplied with the vehicle• One (1) copy of the operation, maintenance and troubleshooting manual, specific to the vehicle
B. Cab Chassis
1. The cab chassis must current model year e.g., 2022/2023
2. The vehicle shall be crew cab style
3. Cab & Chassis, 84-inch CA, wheelbase approximately 204 inches to be confirmed with successful proponent
4. GVW of approximately 16,500 lbs. To be confirmed with the successful proponent.
5. Dual rear wheels
6. Power assisted ABS brakes
7. Trailer tow mirrors, power, and heated glass with spotter mirror and LED side mirror spotlights
8. LED roof clearance lights
9. Batteries, Dual 12 volt 750 CCA
10. 240 amp alternator
11. Mud flaps shall be installed behind the rear wheels.
12. NFPA compliant running boards shall be supplied and fitted

C. Engine, Transmission, Brakes
1. Gas engine approximately 350 HP & 460 lb.-ft. torque
2. Engine shall comply with all Provincial and Federal engine emission regulations.
3. Automatic transmission with selectable drive modes, tow/haul, deep sand/snow and slippery, state number of speeds
4. A transfer case skid plate shall be supplied and installed, to provide protection to the transmission/transfer case
5. Four-wheel drive, front axle to have freewheeling hubs
6. Rear axle limited slip differential
D. Wheels, Tires
1. Tires – 245/70R x 19.5 BSW traction tread (6)
2. Wheels 19.5 x 6.75" aluminum wheels
E. Interior
1. Seats 40/20/40 split front seat, vinyl covered
2. Seat covers shall be installed
3. Two 12-volt power outlets shall be provided
4. Rubber floor mats shall be provided for all seating areas
5. Air conditioning
6. Radio AM/FM stereo w/MP3 player with Bluetooth
7. All auxiliary cab switches shall be wired from a non-switched source – e.g. direct from battery
8. Remote keyless entry
9. Power windows
F. Body
1. An aluminum deck body, made entirely of aluminum extrusions, shall be supplied and installed.
2. The deck body shall be constructed of a combination of 5052-H32 and 6061-T6 military grade aluminum alloys. The side rails shall be a tapered aluminum rail, providing protection to the extruded aluminum floor planks. Full 3/8" thick rub rails shall be included and attached to the side rails allowing easy replacement in the event of damage. For superior strength and durability, no portion of the main deck construction shall be thinner than 3/16".
3. A tapered, fully extruded, 39.75" tall forward bulkhead shall be supplied. The bulkhead shall have a screened punch out pattern to allow for visibility to the rear of the deck from inside the chassis cab. The bulkhead (headache rack) shall be reinforced from underneath the deck structure allowing for unmatched strength and durability.
4. The deck shall be 96" wide and the length will depend on the final wheelbase and CA of the chassis
5. The exterior of the deck and compartments shall be a natural aluminum finish
6. There shall be two (2) underbody compartments, one (1) each side forward of the rear wheels. The compartments shall be constructed of 1/8" natural aluminum, with a flanged door and heavy-duty latch. The compartments shall be vented and weather resistant. The underbody compartments shall measure 30" W x 18" H x 18" D. Cabinet size will depend on final WB and CA.
7. There shall be two (2) above-deck compartments, one (1) each side of the skid unit. The compartments shall be constructed of 1/8" natural aluminum, with two (2) flanged doors each and heavy-duty latches. The compartments shall be vented and weather resistant. The above deck compartments shall measure 96" W x 18" H x 16" D. Cabinet size will depend on final WB and CA.

8. There shall be a 12,000-lb rated trailer hitch receiver installed on the rear of the apparatus. A seven-pin trailer wiring adapter shall be installed beside the hitch receiver.
G. Skid and Pump
1. A C.E.T. Manufacturing skid unit shall be supplied and installed on the apparatus deck. The skid, tank, and structure shall be constructed of no less than 0.50" black polypropylene plastic.
2. The skid shall be 96" L x 48" W and centered left to right on the apparatus deck.
3. There shall be one (1) LED work light installed near the fire pump.
4. The fire pump shall be a PFP-20HPHND-MR mid-range fire pump, with the following certified capacities: <ul style="list-style-type: none"> • 240 GPM @ 50 PSI • 180 GPM @ 100 PSI • 125 GPM @ 150 PSI • 60 GPM @ 200 PSI
5. The pump shall be capable of a maximum flow of 300 GPM and a maximum pressure of 205 PSI. The pump body shall be constructed of high resistance aluminum alloy, with a bronze impeller and mechanical shaft seal. An exhaust priming system shall be included, allowing a guaranteed lift to 20 feet (6 meters).
6. The pump shall be powered by an electric start Honda GX630 air cooled engine, rated at 20 HP.
7. The fuel supply for the fire pump shall be directly plumbed into the chassis' fuel system.
8. There shall be a fuel pump and in-line check valve located in the fuel line between the fire pump and the chassis' fuel system.
9. The fire pump shall have a three-year limited warranty.
10. There shall be one (1) 2.50" tank-to-pump manual valve and one 2.50" pump inlet valve installed on the intake side of the fire pump.
11. There shall be one (1) 1.00" tank fill valve, one (1) 1.50" discharge valve with cap and chain, and one (1) 0.75" garden hose thread discharge valve on the discharge side of the fire pump.
12. There shall be one (1) electrically operated booster reel located on top of the water tank. The reel shall have the capacity for 200' of 1.00" booster hose, with an electric rewind switch near the pump operator's location.
13. The reel shall be equipped with 200' of 1.00" booster hose, and two (2) chromed outriggers with three-way rollers to allow for ease of deployment.
14. The reel shall be operated with a manual swing-style valve on the discharge manifold.
15. The apparatus threads shall be as follows: <ul style="list-style-type: none"> • 1.0": NPSH • 1.5": NPSH with ¼ turn forestry adapters • 2.5": AMA
16. The water tank shall have a 300 US-gallon capacity.
17. The integral foam cell shall have an 8 US-gallon capacity.
18. The skid unit shall be equipped with a Scotty around-the-pump foam system, supplying 0.1-1% foam to all the pump discharges. The foam system shall be a venturi-style metering system, requiring no electrical draw.
H. Electrical
1. All electrical components on the apparatus shall be installed in accordance with NFPA 1906 standards.
2. One (1) Whelen HHS4200 siren shall be installed, including the Whelen CANCTL5 handheld controller. All apparatus functions shall be performed through the Whelen

HHS4200 siren system for system consolidation and full apparatus diagnostic centralization.
3. A custom aluminum powder coated console shall be provided to house the siren controller, switch controls, two (2) customer supplied radios, map pocket, three (3) USB power outlets and two (2) cup holders.
4. One (1) Whelen SA315P siren speaker shall be installed in the left side front bumper area. The siren speaker shall be wired to the HHS4200 siren module.
5. Ten (10) Whelen ION Series Super-LED® model # WIONSMR shall be provided. The wide-angle warning light shall incorporate six red Super-LEDs, heavy duty die-cast housing, a clear optic hard coated polycarbonate lens, and utilize a linear reflector for maximum output. The WIONSMR is compliant with NFPA 1906 requirements. The hard-coated lens shall provide extended life/luster protection against UV and chemical stresses. The conformal coated PC board and liquid injection molded lens/gasket assembly shall provide additional protection against environmental elements. The WIONSMR will be vacuum tested for seal integrity. The solid-state warning lights shall be vibration resistant. The self-contained flashing light shall have 25 Scan-Lock™ flash patterns including synchronize feature and steady burn. The WIONSMR will contain a 12” unterminated pigtail. The warning light is covered by a five-year factory warranty. The horizontal surface mount WIONSMR includes a black mounting flange and hardware.
6. One (1) Whelen Cenator DUO WeCan lightbar, 60.00” long, model CB0SP3R shall be supplied and installed. The lightbar shall be controlled by the WeCan module in the HHS4200 siren control. The lightbar shall be fully populated and utilize DUO modules throughout the entire lightbar, allowing for Traffic Advisor functionality in the rear and forward/side scene lighting. When the Traffic Advisor is enabled, the red LEDs in the rear modules shall turn off, and the rear modules shall illuminate amber. When the Traffic Advisor feature is disabled, the rear modules shall flash red. The white warning lights in the lightbar shall disable when the apparatus is in PARK gear, per NFPA 1906. The lightbar shall be installed on top of the forward bulkhead of the deck to allow for maximum visibility.
7. An Opticom shall be integrated into the light bar
8. Twelve (12) Whelen OSC0EDCR illumination lights shall be supplied for illumination in the body compartments. The lights shall be active any time the ignition switch is ON and the apparatus is in PARK.
9. There shall be two (2) 12-volt 150-watt LED manually telescoping scene lights provided, located one (1) on each front corner of the headache rack.
10. All DOT marker lighting installed around the apparatus deck shall be LED and installed per CMVSS.
11. The front and rear CMVSS lighting, such as headlights, marker lights, brake lights, taillights, turn signals and backup lights shall be as supplied by the chassis manufacturer.
12. There shall be a Kussmaul Auto Charge 1000 with Super Auto Eject plug and battery status indicator provided on the apparatus.
13. There shall be a master disconnect switch provided, located inside the cab on the floorboard next to the driver side door
14. Back up alarm - Grote part # 73040 97 dBA
I. Paint
1. Frame and Chassis Paint - The chassis under carriage consisting of frame, axles, driveline running gear, and other assorted chassis mounted components shall be painted with standard black paint. Paint shall be applied before line and electrical wiring is installed.
2. The cab shall be painted (RED) PPG# FBCH - 75380 alt or and equivalent brand paint colour, proponent to provide details.

J. Graphics

1. Two (2) custom door emblems shall be supplied by City of Surrey and installed on the cab doors of the apparatus.
2. The chevron striping shall consist of red, 3M part number 1172 EC, and fluorescent yellow-green, 3M part number 3983, and shall meet the chevron color requirements in accordance with NFPA 1906, current edition. Only 3M Diamond Grade VIP Reflective Striping shall be used.
3. Reflective striping shall cover at least 50% of the rear-facing vertical surfaces in accordance with NFPA 1906, current edition. The striping shall be in a chevron pattern sloping downward and away from the centerline of the apparatus at an angle of 45 degrees. Each stripe shall be a minimum of 6" in width. The striping shall consist of a solid base layer of reflective material and alternate between the exposed base layer material and durable, transparent, acrylic colored film. The chevron pattern shall include rear face of the body and any other storage compartment doors.
4. The apparatus shall be equipped with a minimum of 4.00" reflective striping, covering at least 50% of all four sides of the apparatus, per NFPA 1906.
5. All safety labels shall be supplied and installed in accordance with NFPA 1906.

K. Warranties

1. A one-year, bumper-to-bumper, limited warranty shall be included covering the entire assembled apparatus material and workmanship. Details to be provided.
2. A three-year limited warranty shall be provided for the extruded aluminum deck body and components. Details to be provided.
3. A three-year, 60,000 km basic warranty shall be provided for the chassis.
4. A five-year, 100,000 km powertrain warranty shall be provided for the engine and transmission. Details to be provided.
5. A five-year, 100,000 km safety restraint warranty shall be provided for the chassis cab. Details to be provided.
6. A five-year, unlimited km corrosion perforation warranty shall be provided for the chassis cab and components. Details to be provided.

L. Miscellaneous

1. Remote keyless entry with 3 sets of keys
2. The Contractor shall deliver the vehicles, registered, insured, and plated as per the City's insurance requirements through the City's insurance broker.



SCHEDULE B – FORM OF QUOTATION

RFQ Title: Supply and Delivery of a Wildland Bush Fire Truck

RFQ No.: 1220-040-2022-015

CONTRACTOR

Legal Name: _____

Contact Person and Title: _____

Business Address: _____

Business Telephone: _____

Business Fax: _____

Business E-Mail Address: _____

TO:

CITY OF SURREY

City Representative: Sunny Kaila, Manager, Procurement Services

Email: 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 of Goods set out above and in Schedule A;
 - (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. I/We have reviewed the RFQ Attachment 1 – Quotation Agreement - Goods. If requested by the City, I/we would be prepared to enter into that Agreement, amended by the following departures (list, if any):

Section

Requested Departure(s) / Alternative(s)

Please State Reason For Departure(s):

Changes and Additions to Specifications:

4. In addition to the warranties provided in Attachment 1 – Quotation Agreement - Goods, this Quotation includes the following warranties:

5. I/We have reviewed the RFQ Attachment 1 – Quotation Agreement - Goods, Schedule A – Specifications of Goods. If requested by the City, I/we would be prepared to meet those requirements, amended by the following departures (list, if any):

Section

Requested Departure(s) / Alternative(s) / Additions

Please State Reason For Departure(s):

Fees and Payments

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

Year, Make & Model: _____

All costs to meet the preferred specifications shall be included in the following delivered prices.

F.O.B. Destination Freight Prepaid		Payment Terms: 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.				Ship Via:	
Item #	Item Name (Description and Specifications)	Delivery Time	Quantity	U/M	Unit Price	Total Amount	
1.	Cab Chassis Body, deck, pump, and auxiliary items package Year: Make: Model: Catalogue Number:						
CURRENCY: Canadian					Subtotal:	\$	
					GST (5%):	\$	
					PST (7%):	\$	
					QUOTATION PRICE:	\$	

All pricing shown on the Quotation is to be net, with GST and PST shown separately. All other taxes, duties, insurance in freight, customs clearance, etc. to be included in the net price.

The completed unit shall be delivered within _____ days after receipt of purchase order.

Manufacturer's Warranty: State Warranty _____

Accessories Warranty: State Warranty _____

Warranty repairs shall be performed at _____

Please complete if applicable: British Columbia Certified

7. I/We the undersigned duly authorized representatives of the Contractor, having received and carefully reviewed the RFQ including without limitation the draft Agreement submit this Quotation in response to the RFQ.

This Quotation is offered by the Contractor this _____ day of _____, 202_.

CONTRACTOR

I/We have the authority to bind the Contractor.

(Full Legal Name of Contractor)

(Signature of Authorized Signatory)

(Print Name and Position of Authorized Signatory)

SCHEDULE B-1 – TECHNICAL SPECIFICATIONS WORKSHEET

The specification herein states the preferred requirements of the City of Surrey. All Quotations shall be regular in every respect. Unauthorized conditions, limitations, or provisions may be cause for rejection. The City of Surrey will consider as "irregular" or "non-responsive" any Quotation not prepared and submitted in accordance with the RFQ document and specification, or any Quotation lacking sufficient technical literature to enable the City to make a reasonable determination of compliance to the specification.

It shall be the Contractor's responsibility to carefully examine each item of the specification. Failure to offer a completed Quotation or failure to respond to each section of the technical specification may cause the Quotation to be rejected without review as "non-responsive". All variances, exceptions and/or deviations shall be fully described in the appropriate section.

Note: Contractors are directed to list complete manufacturers' details of model proposed in the right-side column under manufacturers' specifications.

A. Technical Requirements	Yes	No	Manufacturers' Specifications of Equipment Offered. (Contractor should complete all spaces in this column.)
1. This vehicle will meet the most current version of the NFPA 1906 standard in effect at the time of purchase.			
2. All components assembled by the proponent will be tested for their function both during assembly and after final product completion, assuring product quality. All costs to perform this testing will be covered by the proponent.			
3. The vendor shall be registered with Transport Canada as a Final Stage Manufacturer and carry a current National Safety Mark (NSM), which shall be permanently affixed to the completed vehicle.			
4. The apparatus shall be reviewed by a Professional Engineer prior to manufacturing with a full weight study to determine the in-service weights and load capabilities of the apparatus.			
5. A conceptual drawing of the completed apparatus shall be supplied, including both sides and the rear of the apparatus at a minimum. The drawing shall be a conceptual drawing of the exact apparatus as proposed and shall be reviewed by a			

Professional Engineer. A reference drawing shall not be acceptable.			
6. The following documentation will be furnished upon delivery of the completed apparatus: <ul style="list-style-type: none"> • One (1) copy of the chassis operation manuals • Two (2) digital copies of the NFPA 1906 required testing documentation • One (1) copy of the warranties supplied with the vehicle • One (1) copy of the operation, maintenance and troubleshooting manual, specific to the vehicle 			
B. Cab Chassis	Yes	No	Manufacturers' Specifications of Equipment Offered.
1. The cab chassis must current model year e.g., 2022/2023			
2. The vehicle shall be a crew cab style			
3. Cab & Chassis, 84-inch CA, wheelbase approximately 204 inches to be confirmed with successful proponent			
4. GVW of approximately 16,500 lbs. To be confirmed with the successful proponent.			
5. Dual rear wheels			
6. Power assisted ABS brakes			
7. Trailer tow mirrors, power, and heated glass with spotter mirror and LED side mirror spotlights			
8. LED roof clearance lights			
9. Batteries, Dual 12 volt 750 CCA			
10. 240 amp alternator			
11. Mud flaps shall be installed behind the rear wheels.			
12. NFPA compliant running boards shall be supplied and fitted			
C. Engine, Transmission, Brakes	Yes	No	Manufacturers' Specifications of Equipment Offered.
1. Gas engine approximately 350 HP & 460 lb.-ft. torque			
2. Engine shall comply with all Provincial and Federal engine emission regulations.			
3. Automatic transmission with selectable drive modes, tow/haul, deep sand/snow and slippery, state number of speeds			

4. A transfer case skid plate shall be supplied and installed, to provide protection to the transmission/transfer case			
5. Four-wheel drive, front axle to have freewheeling hubs			
6. Rear axle limited slip differential			
D. Wheels, Tires	Yes	No	Manufacturers' Specifications of Equipment Offered.
1. Tires – 245/70R x 19.5 BSW traction tread (6)			
2. Wheels 19.5 x 6.75" aluminum wheels			
C. Interior	Yes	No	Manufacturers' Specifications of Equipment Offered.
1. Seats 40/20/40 split front seat, vinyl covered			
2. Seat covers shall be installed			
3. Two 12-volt power outlets shall be provided			
4. Rubber floor mats shall be provided for all seating areas			
5. Air conditioning			
6. Radio AM/FM stereo w/MP3 player with Bluetooth			
7. All auxiliary cab switches shall be wired from a non-switched source – e.g. direct from battery			
8. Remote keyless entry			
9. Power windows			
D. Body	Yes	No	Manufacturers' Specifications of Equipment Offered.
1. An aluminum deck body, made entirely of aluminum extrusions, shall be supplied and installed.			
2. The deck body shall be constructed of a combination of 5052-H32 and 6061-T6 military grade aluminum alloys. The side rails shall be a tapered aluminum rail, providing protection to the extruded aluminum floor planks. Full 3/8" thick rub rails shall be included and attached to the side rails allowing easy replacement in the event of damage. For superior strength and durability, no portion of the main deck construction shall be thinner than 3/16".			

3. A tapered, fully extruded, 39.75" tall forward bulkhead shall be supplied. The bulkhead shall have a screened punch out pattern to allow for visibility to the rear of the deck from inside the chassis cab. The bulkhead (headache rack) shall be reinforced from underneath the deck structure allowing for unmatched strength and durability.			
4. The deck shall be 96" wide and the length will depend on the final wheelbase and CA of the chassis			
5. The exterior of the deck and compartments shall be a natural aluminum finish			
6. There shall be two (2) underbody compartments, one (1) each side forward of the rear wheels. The compartments shall be constructed of 1/8" natural aluminum, with a flanged door and heavy-duty latch. The compartments shall be vented and weather resistant. The underbody compartments shall measure 30" W x 18" H x 18" D. Cabinet size will depend on final WB and CA.			
7. There shall be two (2) above-deck compartments, one (1) each side of the skid unit. The compartments shall be constructed of 1/8" natural aluminum, with two (2) flanged doors each and heavy-duty latches. The compartments shall be vented and weather resistant. The above deck compartments shall measure 96" W x 18" H x 16" D. Cabinet size will depend on final WB and CA.			
8. There shall be a 12,000-lb rated trailer hitch receiver installed on the rear of the apparatus. A seven-pin trailer wiring adapter shall be installed beside the hitch receiver.			
E. Skid and Pump	Yes	No	Manufacturers' Specifications of Equipment Offered.
1. A C.E.T. Manufacturing skid unit shall be supplied and installed on the apparatus deck. The skid, tank, and structure shall be constructed of no less than 0.50" black polypropylene plastic.			

2. The skid shall be 96" L x 48" W and centered left to right on the apparatus deck.			
3. There shall be one (1) LED work light installed near the fire pump.			
4. The fire pump shall be a PFP-20HPHND-MR mid-range fire pump, with the following certified capacities: <ul style="list-style-type: none"> • 240 GPM @ 50 PSI • 180 GPM @ 100 PSI • 125 GPM @ 150 PSI • 60 GPM @ 200 PSI 			
5. The pump shall be capable of a maximum flow of 300 GPM and a maximum pressure of 205 PSI. The pump body shall be constructed of high resistance aluminum alloy, with a bronze impeller and mechanical shaft seal. An exhaust priming system shall be included, allowing a guaranteed lift to 20 feet (6 meters).			
6. The pump shall be powered by an electric start Honda GX630 air cooled engine, rated at 20 HP.			
7. The fuel supply for the fire pump shall be directly plumbed into the chassis' fuel system.			
8. There shall be a fuel pump and in-line check valve located in the fuel line between the fire pump and the chassis' fuel system.			
9. The fire pump shall have a three-year limited warranty.			
10. There shall be one (1) 2.50" tank-to-pump manual valve and one 2.50" pump inlet valve installed on the intake side of the fire pump.			
11. There shall be one (1) 1.00" tank fill valve, one (1) 1.50" discharge valve with cap and chain, and one (1) 0.75" garden hose thread discharge valve on the discharge side of the fire pump.			
12. There shall be one (1) electrically operated booster reel located on top of the water tank. The reel shall have the capacity for 200' of 1.00" booster hose, with an electric rewind switch near the pump operator's location.			
13. The reel shall be equipped with 200' of 1.00" booster hose, and two (2) chromed outriggers with three-way rollers to allow for ease of deployment.			

14. The reel shall be operated with a manual swing-style valve on the discharge manifold.			
15. The apparatus threads shall be as follows: <ul style="list-style-type: none"> • 1.0": NPSH • 1.5": NPSH with ¼ turn forestry adapters • 2.5": AMA 			
16. The water tank shall have a 300 US-gallon capacity.			
17. The integral foam cell shall have an 8 US-gallon capacity.			
18. The skid unit shall be equipped with a Scotty around-the-pump foam system, supplying 0.1-1% foam to all the pump discharges. The foam system shall be a venturi-style metering system, requiring no electrical draw.			
F. Electrical	Yes	No	Manufacturers' Specifications of Equipment Offered.
1. All electrical components on the apparatus shall be installed in accordance with NFPA 1906 standards.			
2. One (1) Whelen HHS4200 siren shall be installed, including the Whelen CANCTL5 handheld controller. All apparatus functions shall be performed through the Whelen HHS4200 siren system for system consolidation and full apparatus diagnostic centralization.			
3. A custom aluminum powder coated console shall be provided to house the siren controller, switch controls, two (2) customer supplied radios, map pocket, three (3) USB power outlets and two (2) cup holders.			
4. One (1) Whelen SA315P siren speaker shall be installed in the left side front bumper area. The siren speaker shall be wired to the HHS4200 siren module.			
5. Ten (10) Whelen ION Series Super-LED® model # WIONSMR shall be provided. The wide-angle warning light shall incorporate six red Super-LEDs, heavy duty die-cast housing, a clear optic hard coated polycarbonate lens, and utilize a linear reflector for maximum output. The WIONSMR is compliant with NFPA 1906 requirements. The hard-coated lens shall provide extended life/luster protection			

<p>against UV and chemical stresses. The conformal coated PC board and liquid injection molded lens/gasket assembly shall provide additional protection against environmental elements. The WIONSMR will be vacuum tested for seal integrity. The solid-state warning lights shall be vibration resistant. The self-contained flashing light shall have 25 Scan-Lock™ flash patterns including synchronize feature and steady burn. The WIONSMR will contain a 12" unterminated pigtail. The warning light is covered by a five-year factory warranty. The horizontal surface mount WIONSMR includes a black mounting flange and hardware.</p>			
<p>6. One (1) Whelen Cenator DUO WeCan lightbar, 60.00" long, model CB0SP3R shall be supplied and installed. The lightbar shall be controlled by the WeCan module in the HHS4200 siren control. The lightbar shall be fully populated and utilize DUO modules throughout the entire lightbar, allowing for Traffic Advisor functionality in the rear and forward/side scene lighting. When the Traffic Advisor is enabled, the red LEDs in the rear modules shall turn off, and the rear modules shall illuminate amber. When the Traffic Advisor feature is disabled, the rear modules shall flash red. The white warning lights in the lightbar shall disable when the apparatus is in PARK gear, per NFPA 1906. The lightbar shall be installed on top of the forward bulkhead of the deck to allow for maximum visibility.</p>			
<p>7. An Opticom shall be integrated into the light bar</p>			
<p>8. Twelve (12) Whelen OSC0EDCR illumination lights shall be supplied for illumination in the body compartments. The lights shall be active any time the ignition switch is ON and the apparatus is in PARK.</p>			
<p>9. There shall be two (2) 12-volt 150-watt LED manually telescoping scene lights provided, located one (1) on each front corner of the headache rack.</p>			

10. All DOT marker lighting installed around the apparatus deck shall be LED and installed per CMVSS.			
11. The front and rear CMVSS lighting, such as headlights, marker lights, brake lights, taillights, turn signals and backup lights shall be as supplied by the chassis manufacturer.			
12. There shall be a Kussmaul Auto Charge 1000 with Super Auto Eject plug and battery status indicator provided on the apparatus.			
13. There shall be a master disconnect switch provided, located inside the cab on the floorboard next to the driver side door			
14. Back up alarm - Grote part # 73040 97 dBA			
G. Paint	Yes	No	Manufacturers' Specifications of Equipment Offered.
1. Frame and Chassis Paint - The chassis under carriage consisting of frame, axles, driveline running gear, and other assorted chassis mounted components shall be painted with standard black paint. Paint shall be applied before line and electrical wiring is installed.			
2. The cab shall be painted (RED) PPG# FBCH - 75380 alt or and equivalent brand paint colour, proponent to provide details.			
H. Graphics	Yes	No	Manufacturers' Specifications of Equipment Offered.
1. Two (2) custom door emblems shall be supplied by City of Surrey and installed on the cab doors of the apparatus.			
2. The chevron striping shall consist of red, 3M part number 1172 EC, and fluorescent yellow-green, 3M part number 3983, and shall meet the chevron color requirements in accordance with NFPA 1906, current edition. Only 3M Diamond Grade VIP Reflective Striping shall be used.			
3. Reflective striping shall cover at least 50% of the rear-facing vertical surfaces in accordance with NFPA 1906, current edition. The striping shall be in a chevron pattern sloping downward and away from the centerline of the apparatus at an angle of 45 degrees. Each stripe shall be a			

minimum of 6" in width. The striping shall consist of a solid base layer of reflective material and alternate between the exposed base layer material and durable, transparent, acrylic colored film. The chevron pattern shall include rear face of the body and any other storage compartment doors.			
4. The apparatus shall be equipped with a minimum of 4.00" reflective striping, covering at least 50% of all four sides of the apparatus, per NFPA 1906.			
5. All safety labels shall be supplied and installed in accordance with NFPA 1906.			
I. Warranties	Yes	No	Manufacturers' Specifications of Equipment Offered.
1. A one-year, bumper-to-bumper, limited warranty shall be included covering the entire assembled apparatus material and workmanship. Details to be provided.			
2. A three-year limited warranty shall be provided for the extruded aluminum deck body and components. Details to be provided.			
3. A three-year, 60,000 km basic warranty shall be provided for the chassis.			
4. A five-year, 100,000 km powertrain warranty shall be provided for the engine and transmission. Details to be provided.			
5. A five-year, 100,000 km safety restraint warranty shall be provided for the chassis cab. Details to be provided.			
6. A five-year, unlimited km corrosion perforation warranty shall be provided for the chassis cab and components. Details to be provided.			
J. Miscellaneous	Yes	No	Manufacturers' Specifications of Equipment Offered.
1. Remote keyless entry with 3 sets of keys			
2. The Contractor shall deliver the vehicles, registered, insured, and plated as per the City's insurance requirements through the City's insurance broker.			