



**REGIONAL DISTRICT**  
of Fraser-Fort George

**REQUEST FOR PROPOSALS CS-22-05**

**NEW FRONTLINE ENGINE FOR  
BEAVERLY FIRE/RESCUE**



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## 1.0 INTRODUCTION

The Regional District of Fraser-Fort George (the "Regional District") invites proposals from qualified fire apparatus manufacturers for the supply and delivery of a new frontline engine for Beverly Fire/Rescue. The proponent will be competent and capable of performing the work. The proponent may be required to provide evidence of previous experience and financial responsibility before a contract is awarded.

Request for Proposal (RFP) documents may be obtained on, or after, Thursday October 20, 2022.

- a) in a PDF (public document format) file format from the Regional District's website [www.rdffg.bc.ca](http://www.rdffg.bc.ca); or
- b) on the *BC Bid*® website [www.new.bcbid.gov.bc.ca](http://www.new.bcbid.gov.bc.ca).

All subsequent information regarding this RFP, including amendments, addenda and answers to questions will also be available as above.

It is the sole responsibility of the proponent to ascertain that they have received a full set of the RFP documents, amendments and or addenda. Upon submission of their proposal, the proponent will be deemed conclusively to have been in possession of a full set of the RFP documents.

**All questions relating to this project must be submitted by email to the Project Manager:**

Melanie Perrin, Manager of Public Safety Operations  
Regional District of Fraser-Fort George  
155 George Street  
Prince George, BC V2L 1P8  
Email: [mperrin@rdffg.bc.ca](mailto:mperrin@rdffg.bc.ca)

### 1.1 Proposal Submissions

Proponents will complete and submit two (2) copies of their proposal, formatted as described in Section 2.0 PROPOSAL FORMAT, in a sealed envelope. Each copy shall be complete and unabridged and shall not refer to any other copy for additional information, clarification, or details.

Sealed proposals will be received by the General Manager of Financial Services, at the Regional District of Fraser-Fort George, up to 2:00 p.m. local time on Monday, November 28, 2022. Proposals submitted by fax, or not in the original Regional District format will NOT be accepted. Any proposal received after the closing date and time (Monday, November 28, 2020 @ 2:00 p.m.) will be considered disqualified and will be returned unopened to the proponent.

The following information **must be written on the outside of the sealed envelope containing the proposal submission, as well as on the outside of the courier envelope (if sending by courier):**

1. Attention: General Manager of Financial Services  
Regional District of Fraser-Fort George  
3<sup>rd</sup> Floor, 155 George Street  
Prince George, BC V2L 1P8
2. Request for Proposals, CS-22-05  
New Frontline Engine for Beverly Fire/Rescue
3. Responding Proponent's name and address.



Email complete proposal to the RDFFG's General Manager of Financial Services:

General Manager of Financial Services  
Email: [purchasing@rdffg.bc.ca](mailto:purchasing@rdffg.bc.ca)

The email topic is to be labelled in the subject line "RDFFG CS-22-05 – "Insert Company Name"".

Proposals will be received up to **2:00:00 p.m. on Monday, November 28, 2022**. There will not be a public opening for the proposal.

For closing purposes, the official time of receipt of proposal submission is determined by the time of receipt of the email.

The Regional District will not accept or consider proposal documents transmitted by facsimile or delivered to an email address other than the address identified. Please do not cc any other Regional District emails.

The Regional District will not accept any proposal not received at the email address identified above or not received by the closing date and time.

The responsibility for submitting a response to this RFP to the correct email address on or before the closing date and time, will be solely and strictly the responsibility of the Proponent.

To be considered, proposals must be signed by an authorized signatory. By signing the proposal, the proponent is bound to statements made in response to this Request for Proposal (this "RFP"). Any proposal submission received by the Regional District that is unsigned will be rejected.

The Regional District will not be responsible for any costs incurred by proponents which result from the preparation or submission of documents pertaining to this RFP. The accuracy and completeness of the proposal is the proponent's responsibility. Should errors be discovered they will be corrected by the proponent at their expense.

**Proposals not submitted in strict accordance with these instructions or not complying with the requirements in this RFP may be rejected.**

## 1.2 Errors, Omissions, Clarifications

Proponents finding discrepancies, errors, or omissions in this RFP, or requiring clarification on the meaning or intent of any part therein, should immediately request in written form **by email**, clarification from the Project Manager, Melanie Perrin, [mperrin@rdffg.bc.ca](mailto:mperrin@rdffg.bc.ca). The Regional District will not accept responsibility for any damages, costs or expenses incurred by a proponent in reliance on oral instructions. Any work done in preparation of a proposal after discovery of discrepancies, errors, or omissions in the RFP will be done at the proponent's risk unless the discrepancy, error, or omission is reported to Ms. Perrin in accordance with this provision.

Any requests for explanations, interpretations, or clarifications made by proponents must be submitted in writing by email to the Project Manager **no later than 4:00 p.m. on Tuesday, November 15, 2022** in order that addenda or amendments, if necessary, are available to all proponents in time to be considered for the preparation of their submission.

If the Regional District, in the Regional District's sole discretion, determines that a clarification, addition, deletion, or revision of the RFP is required then the Regional District will issue an addendum and the addendum will be posted on the Regional District website and BC Bid (see S. 1.0). **It is the sole responsibility of the proponent to check for addendums.**

**All amendments and addenda, if any, issued for this RFP must be signed by the proponent and included with the proposal submission and will form part of the Contract documents.**



### 1.3 Regional District's Right to Reject Proposal

The Regional District reserves the right, in its sole discretion, to waive informalities in proposals, reject any and all proposals, or accept the proposal deemed most favorable in the interests of the Regional District. The lowest, or any proposal, will not necessarily be awarded.

Proposals which contain qualifying conditions or otherwise fail to conform to the instructions contained in this RFP may be disqualified or rejected. The Regional District may, however, in its sole discretion, reject or retain for its consideration proposals which are non-conforming because they do not contain the content or form required by the RFP, or for failure to comply with the process for submission set out in this RFP, whether or not such non-compliance is material.

The Regional District reserves the right to reject a proposal based on potential or perceived conflict of interest on the part of a proponent. Without limitation, the Regional District reserves the discretion to reject any proposal where:

- a) one or more of the directors, officers, principals, partners, senior management employees, shareholders or owners of the proponent, is an officer, employee or director of the Regional District, or is a member of the immediate family of an officer, employee or director of the Regional District; or
- b) in the case of a proposal submitted by a proponent who is an individual person, where that individual is an officer, employee or director of the Regional District, or is a member of the immediate family of an officer, employee or director of the Regional District.

**When submitting a proposal, the proponent is required to complete, sign, and include with their proposal a Conflict-of-Interest Disclosure Statement (Appendix A).**

The Regional District reserves the right to reject any proposal submitted by a proponent who is, or whose principals are, at the time of proposal, engaged in a lawsuit against the Regional District in relation to work similar to that being proposed.

### 1.4 Waiver of Claims for Compensation

Except for a claim for the reasonable cost of preparation of its proposal, by submitting a proposal, each proponent irrevocably waives any claim, action, or proceeding against the Regional District including, without limitation, any judicial review or injunction application, and any claim against the Regional District and its elected officials, officers and employees for damages, expenses or costs, loss of profits, loss of opportunity or any consequential loss for any reason, including any such claim, action or proceeding arising from:

- 1) any actual or alleged unfairness on the part of the Regional District at any stage of the proposal process, including without limitation, any alleged unfairness in the evaluation of a proposal or award of a contract;
- 2) a decision by the Regional District not to award a contract to that proponent; or
- 3) the Regional District's award of a contract to a proponent whose proposal does not conform to the requirements of this RFP.

### 1.5 Ownership of Proposals and Freedom of Information

Proposals will be received and held in confidence by the Regional District, subject to the provisions of the *Freedom of Information and Protection of Privacy Act* and this RFP. Each proposal should clearly identify any information that is considered to be confidential or propriety information. Proponents are responsible to review the *Freedom of Information and Protection of Privacy Act* for further information.



All documents, including proposals, submitted to the Regional District become the property of the Regional District. The Regional District will provide a debriefing for proponents, upon request by a proponent, subject to the *Freedom of Information and Protection of Privacy Act*.

## 2.0 PROPOSAL FORMAT

Proponents are asked to respond in a similar manner. Appendices A, C, D, and E must be submitted on the same forms included in this RFP, no exceptions. The following format and sequence should be followed in order to provide consistency in responses and to ensure each proposal receives full and complete consideration. All pages should be consecutively numbered.

- a) Title page including RFP title and number, proponent's name and address, telephone number, email address, and contact representative.
- b) One-page Letter of Introduction **SIGNED** by the authorized signatory of the proponent which will bind the proposed statement(s) made in the proposal.
- c) **Table of Contents including page numbers.**
- d) An Executive Summary of the key features of the proposal.
- e) Completed and signed Appendix A – Conflict of Interest Disclosure Statement.
- f) Completed Appendix C – Minimum Specifications for New Frontline Engine for Beverly Fire/Rescue.
- g) Completed and signed Appendix D – Schedule of Prices for Appendix C.
- h) Completed Appendix E – Optional Equipment (if proponent elects to submit Appendix E).
- i) Complete contact information for three (3) references (see 3.6).
- j) Amendments or addenda, if any, issued for this RFP. **Each amendment and addenda must be signed by the proponent and be included with their proposal submission and will form part of the Contract documents.**

## 3.0 PROPOSAL EVALUATION AND SELECTION PROCESS

### 3.1 Proposal Evaluation

All proposals will be initially evaluated by the Regional District to assess the qualifications and capabilities of proponents to meet the minimum standards specified in the RFP.

The proposal evaluation through to proponent selection will be based on the following process as deemed appropriate by the Regional District:

1. Initial proposal evaluation by the Regional District.
2. Follow up question(s) from the Regional District to proponent(s). (Optional at discretion of the Regional District.)
3. Further question(s) from the Regional District to proponent(s). (Optional at discretion of the Regional District.)
4. Interview(s) of selected proponent(s) by Regional District. (Optional at discretion of the Regional District.)
5. Follow-up interview of selected finalist(s). (Optional at discretion of the Regional District.)
6. Proposal scoring by the Regional District as per RFP criteria and Section 4.2 Evaluation Criteria.
7. Recommendations to Board.

### 3.2 Initial Proponent Selection Process

As a result of the initial written proposal evaluation, the Regional District may, at its sole discretion, request oral presentations and enter into detailed discussions with initially selected proponents prior to preparing a short-list of qualified proponents.



The Regional District may, at its sole discretion, prepare a “short-list” of proponents which initially appear to have the necessary qualifications, based solely on the information contained in the written proposals and/or additional information that may be obtained by the Regional District. The Regional District will be under no obligation to obtain additional clarification from any proponent(s) prior to preparing an initial “short-list” or before entering into detailed discussions, or negotiations, with any proponent.

### 3.3 Selected Proponent Negotiations

The Regional District, at its sole discretion, reserves the right to enter into contract negotiations with a selected proponent, or proponents, based only on the evaluation of the written proposal(s), and/or an evaluation of the combination of the written proposals, oral presentations, and/or detailed discussions.

The Regional District reserves the right to enter into negotiations with any proponent without requiring any other proponents to make a presentation or to enter into detailed discussions with the Regional District.

### 3.4 Termination of RFP Process

The Regional District may, at its sole discretion, reject any or all proposals at any time throughout the proposal evaluation, proponent selection, or contract negotiation process.

### 3.5 Non-Compliance with RFP Requirements

Unless explicitly stated in a proposal, all proposals shall be assumed by the Regional District to be in full compliance with the RFP requirements without exception.

All items in the proposal that are **not** in full compliance, or that vary from the specific RFP requirements, shall be clearly identified in the proposal as non-compliant and/or variant, and shall include specific reference to the relevant section in the RFP and the precise nature of the variance or non-compliance.

Non-compliance or variances with the specific RFP requirements will not necessarily result in rejection of a proposal.

The acceptance or rejection of all non-compliant items, and/or variances to the RFP requirements, shall be at the sole discretion of the Regional District, without any obligation by the Regional District to either request clarifications, enter into detailed discussions, or negotiations with the proponent(s).

All bids must be submitted with completed Appendices A, C, and D as contained within this RFP in order to be eligible for consideration.

### 3.6 References

Please include three (3) references that may be contacted for purposes of confirming your company's experience in supplying and delivering this type of vehicle.

## 4.0 **MANUFACTURER SELECTION**

### 4.1 Selection Criteria

The following are the criteria and the percentage of the total score for each criterion that will be used by the Regional District to select a proponent. The list of criteria is not in any order of priority. The Regional District, in its sole judgment, will base the selection of a successful proponent on a combination of the following criteria:





#### 4.2 Evaluation Criteria:

Experience	20%
Compliance with RFP Requirements in Appendix C	30%
Delivery date	5%
Price	40%
Nearest Service Facility	5%
Total	<u>100%</u>

### 5.0 **CONTRACT**

#### 5.1 Award of Contract

The Award of Contract is anticipated to be made not later than Thursday December 15, 2022. All proponents will be advised in writing of the results of the RFP evaluation process.

The Regional District, in its sole judgment, may delay the Award of Contract date as deemed appropriate by the Regional District.

#### 5.2 Form of Contract

The Contract to supply and deliver the finished new frontline engine to Beaverly Fire/Rescue will be in the form of:

- the complete CS-22-05 RFP document, including appendices, and any amendments or addenda;
- Proponent's proposal submission; and
- a Contract Agreement similar to the sample provided in Appendix B of this RFP.

### 6.0 **CHANGES**

The Regional District, without invalidating the Contract, may make changes by altering, adding to, or deducting from the work. The Proponent will proceed with the work as changed and the work will be executed under the provisions of the Contract. No changes will be undertaken by the Proponent without written order of the Regional District, except in an emergency endangering life or property, and no claims for additional compensation will be valid unless the change was so ordered. The Regional District will entertain no payment for extra work or changes in the Contract unless a "Change Order" form is completed and signed by the Regional District and the Proponent.

If, in the opinion of the Regional District, such changes affect the Total Contract Price, the Total Contract Price amount will be adjusted at the time of ordering the changes. The value of the addition or deduction from the Total Contract Price will be decided by the Regional District based on a lump sum estimate submitted by the Proponent and accepted by the Regional District.

### 7.0 **LICENSES AND PERMITS**

The Proponent shall, at their expense, obtain all licenses, permits, approvals, and insurance required under the laws of the Province of British Columbia with regard to its own activity under the Contract.

### 8.0 **DAMAGE TO EXISTING PROPERTY OR FACILITY**

In the event of damage to the Regional District's facility or property arising from actions of the Proponent the procedure will be as follows:

1. The Proponent will immediately advise the Regional District of any damage to the Regional District's facility or property.



2. Upon investigation, the Regional District will notify the Proponent of damages to be repaired.
3. If the Proponent does not reply within twenty-four (24) hours, the Regional District will repair, to the appropriate specifications or regulations, and deduct the cost of the repair from payment to the Proponent.

## **9.0 WORKSAFEBC**

The Proponent will use due care and take all necessary precautions to assure the protection of persons or property at the Site and will comply with the *Workers' Compensation Act* of the Province of British Columbia.

Prior to undertaking any of the work, the Proponent will provide its WorkSafeBC number and will keep current all assessments required by WorkSafeBC in relation to, and for, the duration of the work. The Proponent will provide a clearance letter from WorkSafeBC to the Regional District prior to commencement of the work.

## **10.0 RIGHTS OF WAIVER**

A waiver, or any breach of provision of this RFP will not constitute or operate as a waiver, or any other breach, of any other provisions, nor will any failure to enforce any provision herein operate as a waiver of such provisions or of any other provisions.

## **11.0 SEVERABILITY**

All paragraphs of the Contract are severable one from the other. Should a court of competent jurisdiction find that any one or more paragraphs herein are void; the validity of the remaining paragraphs hereof will not be affected.

## **12.0 APPARATUS FAMILIARIZATION**

### **12.1 Apparatus Drawings**

Final design acceptance and contract award will be conditional on the successful proponent providing **TWO (2) sets of scale drawings** showing left, right, front, and rear plan views of the apparatus. Wiring diagrams as proposed will be required and are to be provided showing all dimensions. Dimensions are to be in imperial units.

### **12.2 In-Service Training**

All proponents shall indicate the degree to which in-service training on the completed apparatus will be provided to the members of Beverly Fire/Rescue.

### **12.3 Service, Installation, Repair, and Operators Manuals**

Factory service manuals, installation manuals, repair manuals, and operator's manuals shall be provided for the cab/chassis and all components comprising the completed apparatus, such as engine, transmission, front and rear axle, and engine status centre. All manuals shall accompany the apparatus when delivered to Beverly Fire/Rescue.

## **13.0 APPARATUS SPECIFICATIONS**

### **13.1 Minimum Requirements**

The minimum requirements for the completed apparatus are as detailed in Appendix C attached to and forming part of this RFP. Proponents may recommend changes or adjustments to the specifications outlined where the proponent believes that such changes or adjustments will result in a better-quality product in



terms of efficiency, tractability, serviceability, or general operation. In all cases, the proponent should provide reasons for the recommended changes or adjustments to the RFP specifications in the initial proposal response documents.

**13.2** Specifications Not Outlined

In terms of any of the apparatus specifications not detailed in this RFP, proponents are free to bid on the proposal as they choose, provided that the proponent's relevant specifications are detailed in the proposal response.

**13.3** Compliance with Laws and Regulations

The completed apparatus must comply with all relevant Federal and British Columbia motor vehicle laws and regulations and British Columbia's WorkSafeBC Regulations prior to delivery.

British Columbia Motor Vehicle Inspection to be completed prior to apparatus delivery (see 15.3 for delivery terms).

**13.4** Underwriters' Laboratories of Canada (ULC) Standards

The apparatus shall be designed to comply with all relevant provisions of ULC-S515 "Standards for Automobile Fire Fighting Apparatus". The apparatus shall be fully tested and certified by a ULC Inspector to the ULC standard and have an ULC label affixed to the apparatus prior to delivery.

**14.0 WARRANTY, INSURANCE AND INDEMNITY**

**14.1** Chassis and Component Warranties

Proponents shall list the standard warranties applicable to the vehicle chassis and other components of the completed apparatus, which are included in the bid price, and document additional or extended warranties that are available together with any special provisions and applicable costs.

**14.2** Manufacturer's Insurance

The successful proponent (the "Proponent") will be expected to satisfy the Regional District that sufficient insurance is provided to protect the Regional District's direct investment in the event the apparatus is damaged or destroyed prior to delivery.

**14.3** Indemnity

The Proponent shall release, indemnify, defend and save harmless the Regional District, its officers, employees, servants, and agents of and from all claims, costs, losses, damages, actions, classes of action, expenses and costs arising out of or relating to the Proponent's breach of this Contract or the negligent acts or omissions of the Proponent or its employees, consultants or agents.

**15.0 APPARATUS DELIVERY AND PAYMENT**

**15.1** Apparatus Documentation

All documentation required to register ownership in the name of the Regional District shall be provided prior to, or upon, delivery.



#### 15.2 Apparatus Timetable

Proponents must indicate the anticipated schedule for the delivery of the apparatus to Beverly Fire/Rescue, located in Prince George, BC. The actual delivery date of the apparatus and training date(s) of fire department personnel must be coordinated with Beverly Fire/Rescue in advance and with sufficient notice in order to accommodate fire department members' work schedules.

#### 15.3 Delivery Terms

The successful proponent will be expected to deliver the apparatus based on FOB destination delivery terms, with the destination referred to as Prince George, British Columbia. Modification of delivery terms can only occur with pre-approval from the Regional District.

#### 15.4 Contract Price

All prices for the completed apparatus shall be stated in Canadian dollars. Any applicable Federal or Provincial taxes or levies must be included in the proposal response and are to be listed separately from the contract price. Appendix D – Schedule of Prices, must be completed and included in the proposal package.

#### 15.5 Payment Schedule

Proponents will outline the proposed payment schedule with sufficient detail so as to allow evaluation by the Regional District of when progress payments, if applicable, may become due.

#### 15.6 Holdback on Delivery

In the event it is determined that the completed apparatus does not meet the specifications outlined in the Contract or that the completed apparatus is deficient in any way, the Regional District may, at the time of delivery, hold back sufficient funds to ensure compliance. The amount of the holdback, if any, and the provisions for the release of funds shall be subject to discussion between the Regional District and the Proponent. The remedy of any discrepancies and/or deficiencies by the Proponent must occur within a reasonable period of time, to the satisfaction of the Regional District.

#### 15.7 Late Delivery

The Proponent will be required to notify the Regional District if, during the construction process, there is any change in the delivery date provided in the Contract and the reason behind the change in delivery date.

### 16.0 **DISPUTE RESOLUTION**

If a claim, dispute, or controversy arises out of or relates to the interpretation, application, enforcement, or performance of Services under this Contract, the Proponent and the Regional District agree first to try in good faith to settle the dispute by negotiations between senior management of the Proponent and the Regional District. If such negotiations are unsuccessful, the Proponent and the Regional District agree to attempt to settle the dispute by arbitration if both parties agree. If the dispute cannot be settled through arbitration, the Proponent and the Regional District may agree to attempt to settle the dispute through good faith mediation. If the dispute cannot be resolved through mediation and unless otherwise mutually agreed, the dispute shall be settled by litigation in an appropriate court in the Province of the Regional District.



## **17.0 FORCE MAJEURE**

If either the Proponent or the Regional District are prevented from performing their obligations under the Contract, or where the Regional District's work in respect of which the Proponent is providing Services cannot be performed, because of an act of God, an act of a legislative, administrative or judicial entity, fire, flood, labor strike or lock-out, epidemic, unusually severe weather, or other similar cause outside of the control of the Parties (collectively "Force Majeure"), then the obligations of the Proponent and the Regional District under the Contract shall be suspended for so long as the condition constituting Force Majeure continues. The Party affected by Force Majeure shall provide the other Party with notice of the anticipated duration of the Force Majeure event, any actions being taken by the Party providing notice to avoid or minimize the effect of the Force Majeure event and shall make reasonable efforts to remove or mitigate the effects of the condition constituting Force Majeure. Upon the termination of the Force Majeure event, the Regional District shall grant to the Proponent a time extension for performance of any milestone dates required as part of the Services as may be agreed with the Proponent or, if the Regional District and the Proponent are unable to reach agreement, as determined by the dispute resolution process under Section 16 of the Contract. Whereas a result of Force Majeure there is a material increase in the Proponent's cost of or the time required for the performance of the Services that is not offset by a decrease in cost, then the Regional District shall increase the amount of the service fee payable to the Proponent under Section 15 of this Contract, as may be agreed by the Proponent, or as determined under Section 16 of the Contract. If the event of Force Majeure results in a material increase in the cost of the work to be performed in respect of which the Proponent is providing the Services, then the Regional District may choose not to proceed with the completion of the work and may terminate this Contract. If the Regional District terminates this Contract following the termination of the Force Majeure event, then it shall compensate the Proponent in accordance with Section 18.1 of this Contract.

## **18.0 NOTICE OF DEFAULT**

If the Proponent is in default of the performance of any of its material obligations set out in the Contract, the Regional District may, by written notice to the Proponent, require such default to be corrected. If within fifteen (15) days' receipt of such notice the default has not been corrected or reasonable steps, as determined by the Regional District in its sole discretion, have not been taken to correct the default, the Regional District without limiting any other right it may have, may immediately terminate the Contract.

### **18.1 Termination**

The Regional District shall compensate the Proponent for all Services performed hereunder through to the date of any termination and all-reasonable costs and expenses incurred by the Proponent in effecting the termination. All drawings, plans or other documents resulting from the Services, whether complete or in a draft form, produced by the Proponent prior to the termination of the Contract, will be provided to the Regional District within ten (10) business days of the termination date.



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**APPENDIX A**  
**CONFLICT OF INTEREST DISCLOSURE STATEMENT**

**RFP CS-22-05**  
**New Frontline Engine for Beaverly Fire/Rescue**

Proponent Name: \_\_\_\_\_

The Proponent, including its officers, employees, and any person or other entity working on behalf of, or in conjunction with, the Proponent on this procurement process:

- ☐ is free of any conflict of interest that could be perceived to improperly influence the outcome of this procurement process.
- ☐ has not, and will not, participate in any improper procurement practices that can provide the Proponent with an unfair competitive advantage including obtaining and using insider type information to prepare a solicitation offer or participating in bid rigging.
- ☐ has an actual, perceived or potential conflict of interest regarding this procurement process as a result of:

State reasons(s) for Conflict of Interest:

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By signing below, I certify that all statement made on this form are true and correct to the best of my knowledge.

\_\_\_\_\_  
Print Name of Person Signing Disclosure

\_\_\_\_\_  
Representing: Company Name

\_\_\_\_\_  
Signature of Person Making Disclosure

\_\_\_\_\_  
Date Signed

**APPENDIX B**  
**SAMPLE CONTRACT**

**RFP CS-22-05**  
**NEW FRONTLINE ENGINE FOR BEAVERLY FIRE/RESCUE**

BETWEEN:

**REGIONAL DISTRICT OF FRASER-FORT GEORGE**, a local  
government incorporated pursuant to the *Local Government Act*  
and having its business office located at:  
155 George Street  
Prince George, BC V2L 1P8

(hereinafter called "the Regional District")

OF THE FIRST PART

AND:

**PROPONENT**

a company duly incorporated under the laws of British Columbia  
and having a place of business at:  
address  
address

(hereinafter called the "Proponent")

OF THE SECOND PART

WITNESSETH that the Proponent and the Regional District undertake and agree as follows:

1. The Proponent will:
  - (a) Provide all necessary labour, equipment, transportation, materials, supervision, and services to perform all of the work, and fulfill everything as set forth in, and in strict accordance with, the contract documents for the supply of a new frontline engine for Beverly Fire/Rescue.
  - (b) Commence to actively proceed with the build of the new frontline engine upon execution of the Contract and complete the work on or before \_\_\_\_\_.
2. The Regional District will pay to the Proponent, as full compensation for the performance and fulfillment of this Contract, \$\_\_\_\_\_ (plus applicable taxes) in Canadian funds. Payment will be made within 30 days of receipt by the Regional District of a proper invoice for the new frontline engine in accordance with the Contract unless other payment terms are specified in the Proponent's proposal and are acceptable to the Regional District.
3. In the event it is determined that the completed apparatus does not meet the specifications outlined in the Contract or that the completed apparatus is deficient in any way, the Regional District may, at the time of delivery, hold back sufficient funds to ensure compliance. The amount of the holdback, if any, and the provisions for the release of funds shall be subject to discussion between the Regional District and the Proponent. The remedy of any discrepancies and/or deficiencies by the Proponent must occur within a reasonable period, to the satisfaction of the Regional District.
4. The Request for Proposal, including Appendices A, C, D, and E, amendments and addenda if any, Proponent's proposal submission, and any information that the Proponent provides are incorporated herein,

to the intent and purpose as though recited in full herein, and the whole will form the Contract and will enure to the benefit of, and be binding upon, the parties hereto and their successors, executors, administrators, and assigns.

5. The Proponent, by signing this Contract and by completing Appendix A, Conflict of Interest Disclosure Statement, further affirms that no conflict of interest exists or prevents their entering into this Contract.
6. In the event of a dispute between the Regional District and the Proponent, this Contract will be governed by, and will be construed and interpreted in accordance with, all the laws of the Province of British Columbia.
7. The Proponent will adhere to the warranty conditions outlined in the Proponent's proposal submission.
8. No implied contract of any kind whatsoever, by or on behalf of the Regional District, will arise or be implied from anything contained in this Contract or from any position or situation of the parties at any time, it being understood and agreed that the express contracts, covenants and agreements made herein by the parties hereto are, and will be, the only contract, covenants and agreements on which any rights against the Regional District may be founded.
9. This Contract will supersede all communications, negotiations, and agreements, either written or verbal, made between the parties hereto in respect of matters pertaining to this Contract prior to the execution and delivery hereof.
10. All communications in writing between the parties will be deemed to have been received by the addressee if delivered to the individual, or to a member of a firm, or to the Project Manager of the Regional District for whom they are intended, or if sent by hand delivery, mail or registered mail as follows:

*Proponent Name and Address*

Melanie Perrin, Manager of Public Safety Operations  
Regional District of Fraser-Fort George  
155 George Street  
Prince George BC V2L 1P8.

11. The Proponent will not sublet, sell, transfer or otherwise dispose of this Contract or any portions thereof, or their right, title or interest therein, or their obligations thereunder without written consent of the Regional District, except for assignment to a bank of the payments to be received.
12. This Contract is not an agreement of employment. The Proponent is an independent contractor, and nothing herein will be construed to create a partnership, joint venture, or agency and neither party will be responsible for the debts or obligations of the other.
13. Where it is beyond control of the Proponent to meet the completion date as stipulated herein, the Proponent must immediately notify the Regional District in writing. It shall be at the Regional District's sole discretion to extend the completion date or waive any part or clause of this Contract. Subject to the Force Majeure (Section 17 on page 13) provisions of this contract, it shall be at the Regional District's sole discretion to extend the completion date or waive any part or clause of this Contract.





IN WITNESS WHEREOF the parties have duly executed this Contract.

SIGNED ON BEHALF OF THE  
**REGIONAL DISTRICT OF FRASER-FORT GEORGE**

\_\_\_\_\_  
Chair

\_\_\_\_\_  
GM of Legislative and Corporate Services

SIGNED ON BEHALF OF  
**PROPONENT**

DO NOT SIGN SAMPLE ONLY

\_\_\_\_\_  
Signature

\_\_\_\_\_  
(Name and Title) (Please print)

DO NOT SIGN SAMPLE ONLY

\_\_\_\_\_  
Signature

\_\_\_\_\_  
(Name and Title) (Please print)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

**APPENDIX C  
MINIMUM SPECIFICATIONS  
FOR NEW FRONTLINE ENGINE  
FOR BEAVERLY FIRE/RESCUE**

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
<b>CAB &amp; CHASSIS</b>				
1.	Four door custom cab, with minimum 10" raised roof. There will be seating provided for six in the cab. In-seat Scott SCBA stations to be provided in all seats except for the driver's seat and the officer's seat. All seats to have seat covers; to be thick durable/heavy duty material.			
2.	Headlights to be LED and to be heated.			
3.	Driver's seat and officer's seats both to be 8-way electric adjustable seats. State make and model _____.			
4.	All side windows to be electrically controlled, with driver's window switch near driver's window to be within easy reach of driver. Control switch for each window to be located at each window. Switches to control all windows to be installed within reach of the Driver's seat as well.			
5.	All seating positions to be BC WCB compliant. Whiplash protection must be provided for a fire fighter having a height of 6' 5" at a minimum. The seats providing whiplash protection must provide support to the head. The height of the back of the seat, or adjustable headrest, must be such that the top of the seat or headrest is above the top of the fire fighter's ear (perpendicular to the seat).			
6.	Cab to come with full air conditioning.			
7.	Two electric fans required, one each side top of windshield.			

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
8.	Head lights not to shut off with park brake. To be manually controlled.			
9.	Two driving lights, to be flush mounted in front bumper.			
10.	Two Rigid Ind. E2 20 "brow lights, one each side at the front of the cab, angled a little sideways.			
11.	Three air horn control buttons; one for driver, one for officer to be dash mounted, and one on the pump panel.			
12.	Two LED engine compartment lights, to automatically come on when cab is raised.			
13.	All bumper cut-outs to be completed prior to chroming of bumper if chrome is being provided.			
14.	Cab tilt control plug to be mounted left side of bumper (to match location of fire department's current plug location)			
15.	Provide for secure firefighter helmet storage in cab for all seated positions. Talon Helmet Mounts by "On Scene Solutions" is preferred. State what is being provided _____ .			
16.	Two K & H Night Ray LR remote controlled lights, to be installed on cab roof high as possible with two remote controllers, each controller to control both lights.			
17.	To have Racor fuel filter with primer pump, or electric primer pump. State what is being provided _____ .			
18.	To have electric cab tilt pump, with manual back-up.			

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
19.	Provide compartment at rear of engine cover inside of cab for First Responder medical bag and equipment, to have a roll up door. Design to be finalized at pre-construction meeting. To be as large as possible.			
20.	Provide one 1800-watt inverter, battery charger and transfer switch, to be installed with 120 volt outlets in the cab location and one in left front compartment. Final location to be determined at pre-construction meeting. Model to be Xantrex HF 1800 preferred.  State what is being provided _____.			
21.	Minimum 36" heavy duty power bar installed in the cab plugged in to the inverter.			
22.	Provide box/console on top of engine cover inside of cab for books and maps.			
23.	Windows to be tinted.			
24.	400-430 HP minimum. Fire service application, with synthetic oil, diesel, and Jake Engine Brake on the valve train.  State what is being provided _____.			
25.	Fire Department to be supplied with all the equipment needed to do manual re-generation of exhaust, unless an engine without a re-generation system can be purchased.			
26.	Prefer engine to be provided without exhaust re-generation system. State what is being provided _____.			
27.	Sun visors both sides.			
28.	Park brake warning light.			

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
29.	Engine hour gauge.			
30.	Door protection – lower scuff plates.			
31.	Heater and defrosters to have maximum output available.			
32.	Cab soundproof to 80 dbls.			
33.	Two handrails at each door, minimum 30" of usable rail.			
34.	Install handles on inside of cab doors down low near door hinge.			
35.	Master battery disconnect switch installed in cab. Location to be finalized at pre-construction meeting.			
36.	Interior map reading light to be red with high and low settings.			
37.	Lighting to be controlled by a CenCom Sapphire system, button lay out to be provided by Fire Department.			
38.	Mud flaps for both axles.			
39.	Two tow loops installed at front of truck. Closed loop chrome.			
40.	Two tow loops installed at rear of truck. Closed loop to be under rear compartment.			
41.	No block heater.			
42.	Air controlled fan hub, fail on with manual dash control with light on dash (when pump in gear fan comes on automatically, if fan quits while driving can switch on manually).			

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
43.	Safety warning system with buzzer and light.			
44.	Auxiliary engine cooler.			
45.	Air filter restriction gauge mounted in engine compartment.			
46.	High idle switch with cruise control option.			
47.	Exhaust to discharge to right side ahead of rear wheels, to fit Plymovent exhaust extrication system magnetic system.			
48.	Provide minimum of 270-amp alternator, must be available in BC.			
49.	Provide (6) six 12-volt batteries, to be heavy duty commercial batteries.			
50.	Allison 3000 EVS automatic transmission or better, set-up for the fire service, electronic shift selector, with synthetic oil. Programmed for 5-4-3-2 auto downshift. 6 <sup>th</sup> gear to be added.			
51.	Dual air horn; to be mounted in front bumper. To be controlled by both driver and front passenger; dash mounted buttons, final location to be determined at pre-construction meeting. Button to be installed at pump panel as well to be able to control air horn at pump panel.			
52.	Dual bright mirrors heated and remote controlled, with 8" bottom convex.			
53.	Steering wheel to be tilt and telescoping.			
54.	All wiring to be protected by auto-resetting circuit breakers.			
55.	Full line of dash gauges to be provided.			

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
56.	To supply a “winter front” and “bug screen”.			
57.	Scene lights to be controlled by CenCom, not to be hooked to door switches.			
58.	Interior color of cab to be Black Onyx.			
<b>AIR BRAKES</b>				
1.	ABS air brakes with auto slack adjusters. Haldex required.			
2.	Air dryer with heater. State what type is being provided_____.			
3.	Air compressor 18.7 CFM or larger.			
4.	Pressure relief valves on air compressor and air dryer.			
5.	Provide Midland alcohol injector.			
6.	Service brake relay valve.			
7.	Spring break relay valve with anti-compound.			
8.	NFPA rapid air build-up system, with shoreline air connection, with check valve on air tank, located above left front wheel (objective is to match location on current engine).			
9.	Spring break modulation valve.			
10.	S-cam brakes front and rear, extended life rated.			
11.	Front air brakes, minimum 16.5 x 6 size brake shoes, non-asbestos brake lining.			

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
12.	Rear air brakes, minimum 16.5 x 7 size brake shoes, non-asbestos lining.			
13.	All air tank drains to be plumbed under the left front compartment so can be drained without crawling under truck and to be labeled; Primary, Secondary, Wet Tank and Auxiliary, to be ¼ turn valves. Not to be lanyard or cables.			
<b>AXLES – FRONT AND REAR</b>				
1.	Manufacturer to recommend minimum front axle rating required. Axle and suspension must be rated higher than the heaviest loaded weight at a minimum. With synthetic oil. Eaton is preferred. State what size of Eaton axle is being provided _____.			
2.	27,000 lb. minimum rear axle rating required. Axle and suspension must be rated higher than the heaviest loaded weight at a minimum. With synthetic oil. Rear axle ratio to be set for maximum speed of 130km/hr. Eaton is preferred. State what is being provided _____.			
3.	10 stud pilot hubs with steel brake drums; front and rear.			
4.	Synthetic oil for hubs.			
5.	Front and rear dust shields.			
6.	Mud and snow tires to be provided. Front tires to be steering tread, to be Michelin XZU 2. Rear tires to be Michelin XDN-2.			
7.	Tires and rims to match axle ratings. Rims to be aluminum. State the brand of rim that is being provided _____.			
8.	Driver controlled differential lock up with dash light.			



		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
<b>DIMENSIONS – State actual measurement in blank provided.</b>				
1.	State total width of unit (including mirrors): _____.			
2.	State total loaded weight of unit: _____.			
3.	State actual wheelbase of unit: _____.			
4.	Length of unit – prefer not to exceed 32 feet. State actual overall length of unit: _____.			
5.	State actual overall height of unloaded unit: _____.			
6.	State actual width allowance provided for walkway at pump panel: _____. Minimum width required is 27".			
<b>FIRE PUMP</b>				
1.	Hale 1050 IGPM single stage, midship fire pump, split shaft driven through vehicle drive line. No exception. Shaft to have bearings at both ends.			
2.	Submit driveline analysis with bid. No exception.			
3.	Pump shifter to be all air controlled, not electric controlled.			
4.	Speedometer to work when pump engaged.			
5.	Minimum 1710 driveline.			
<b>PLUMBING AND CONTROLS</b>				

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
1.	Aluminum pump module with stainless steel panels.			
2.	Panel layout to be color coded and labeled. Colors to be strong contrast for better visibility at night. Colors to be matched to current Beverly Engine layout. Labels to be under gauges and below levers.			
3.	Pump access panels at front and on sides of module. Top side panels to be hinged.			
4.	Top mounted pump panel with lever controls. Rods are required.			
5.	All plumbing and valves to be galvanized steel. No exception.			
6.	Two 6" suction intakes, one on each side of pump panel. Both 6" intakes to come with electric valves located inside of pump panel, electric control at pump panel. To include two adaptors from 6" steamer port to 4" storz fitting with 30-degree elbow. Electric valves to be Hale Master Intake Valves on both sides, with gauges on pump panel and bleeder valves to be located at the valve and on the pump panel for both 6" suction. Bleeder valves are to exhaust outside of the pump panel, within sight of the pump operator. Removable panels to be installed around 6" suction to access valves so you do not have to remove whole side panel.			
7.	One 2 1/2" gated intake, with valve, on left side.			
8.	Provide for two 1 3/4" cross lay preconnect lines, to be located behind pump panel. Each preconnect hose bed must be designed to hold 200 feet of 1 3/4" double jacket structural fire hose. Hose lays to be accessible from both sides of truck. Width of each hose bed to be wide enough to provide ample room for nozzle and handle of nozzle. Exact width and height to be discussed and finalized at preconstruction meeting. Pre-connect hose bed cover to be provided.			

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
9.	Provide for two 2 ½" cross lay preconnect lines, to be located behind the two 1 ¾" cross lays. Each preconnect hose bed must be designed to hold 200 feet of 2 ½" double jacket structural fire hose. Hose lays to be accessible from both sides of truck. Width of each hose bed to be wide enough to provide ample room for nozzle and handle of nozzle. Exact width and height to be discussed and finalized at preconstruction meeting. Pre-connect hose bed cover to be provided.			
10.	One 2 ½" gated intake, with valve, on right side.			
11.	One 4" tank to pump, with check valve, with electric valve, electric control at pump panel and electric control in the cab within reach of the driver.			
12.	One 3" tank fill with electric valve, electric control on pump panel.			
13.	One 2 ½" gated discharge, with valve, on left side, with 30" elbow.			
14.	Both the tank fill and the tank suction from the tank to the valve to be rubber hose with marine grade stainless steel fittings.			
15.	One 2 ½" gated discharge, with valve, on right side, with 30" elbow.			
16.	One 3" discharge plumbed and capped for future use with a deck gun, with electric valve, to be in front of preconnect hose beds.			
17.	Foam system to be provided; Foam Pro 2002 for Class A Foam			
18.	Foam is to be plumbed to the two 1 ¾" preconnect lines, to one of the 2 ½" preconnect lines, to the monitor, and to the right side 2 ½" discharge. Bypasses to be installed on the two 1 ¾" preconnect lines.			
19.	Foam bypass system to be installed on the two 1 ¾" preconnects so they can be used without foam when foam system turned on.			

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
20.	One 4" gated intake, with electric valve, located at rear of truck. Valve to be operated from pump panel. Valve to be inside of heated pump compartment, to have gauge located at pump panel, to have bleeder valve at pump panel, discharge of water to be within sight of pump operator.			
21.	All 4" intakes to have bleeder valves at the pump panel with discharges out where the pump operator can see the water discharging.			
22.	One 4" gated discharge, with electric valve, on left side, with 30-degree elbow. 4" storz fitting to be provided.			
23.	One 4" gated discharge, with electric valve, on right side, with 30-degree elbow. 4" storz fitting to be provided.			
24.	All discharges to have drain valve, including preconnects.			
25.	One 60-gallon foam tank to be provided and installed. Tank to be located at top of pump behind the pump panel.			
26.	Heater to be below pump area. Belly pan to be easily removable. State type and size of heater being provided _____.			
27.	Heated and closed in pump compartment, with easy access panel for maintenance.			
28.	Intel-tank water tank and foam tank gauges. Class 1 gauges required.			
29.	Electronic pump discharge pressure control system.			
30.	Pressure Gov. FRC Incontrol 300 to be provided.			
31.	All electric valves to be Elkhart			

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
32.	Control of all valves to be at pump panel.			
33.	Pump pressure and compound gauges to be 4.5" Class 1 Sub Zero II gauges.			
34.	All discharge gauges to be 2.5" Class 1 Sub Zero II gauges (mount above control).			
35.	All gauges to be in Imperial units only.			
36.	Thermo relief valve on pump.			
37.	Maximum panel lighting with switch on panel. Lighting to be provided will be Amdor Luma Bar LED lights.			
38.	Fan control switch for pump compartment heater.			
39.	Switch for pump compartment light, to be located at pump panel, lights to be LED.			
40.	Primer control. Primer to be electric and oil-less.			
41.	Engine cooler control valve.			
42.	Test Ports: Pressure/Vacuum gauges.			
43.	One rear 4" direct tank fill with butterfly valve and 30-degree droop, with Storz.			
44.	All valves to be located inside of heated pump compartment, except rear direct fill butterfly valve. Method to be provided to prevent freezing of valve in winter type. State method being provided in bid _____.			

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
45.	Pump to have Anodes installed. State how many are being provided and where they are being provided _____.			
46.	All valves to have bleeder/drain valves to drain hose pressure, located at valve. Control of bleeder valves for all 4" intakes to be located at pump panel and at the valve. Bleeder discharges to be within view of the pump operator.			
47.	Layout of discharges and intakes to be identical on both sides of truck where possible. To be laid out as close as possible to Beaverly Engine 12. (Details to be provided when required.)			
48.	Weather stripping to be provided around pump control handles.			
49.	Pump valves and piping to be painted black.			
<b>HOSE BED</b>				
1.	Four adjustable and removable hose bed dividers.			
2.	Interlocking plastic grating on floor – turtle tile, to be loose on floor and removable for ease of cleaning. Grating to have small sized holes.			
3.	Red vinyl hose bed cover, prefer large Velcro strap fasteners at rear of truck. Button snap closures will not be accepted. Bungee cord style cover secure system with hooks along top sides of body is required.			
4.	To be of such a design as to ensure that no sharp edges or angular bolt heads will be in contact with the hose in the hose beds.			
5.	To be capable of storing at a minimum: 1000' of 4" supply line, two lays of 300' of 1 ½" forestry line, 500' of 2 ½" double jacket fire hose, and 400' of 1 ¾" double jacket fire hose.			

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
6.	Provide a removable divider that is built for install in the hose bed, that is built to store within it four pike poles stacked over each other. The length of this divider will be the same length as the hose bed, which should provide sufficient space for the length of the pike poles being stored.			
<b>BODY</b>				
1.	Modular 1\8 <sup>th</sup> H32 5052 aluminum body.			
2.	All compartment doors to be roll up style, except for back compartment. State what type of roll up doors are being provided: _____. Bottom handle of roll up doors to have reflective material so that reflective material is visible when roll up door is open.			
3.	Front left side compartment to have full height roll up door. Top compartment portion to have three adjustable/removable shelves. Top of the bottom portion of this compartment to have a command post table, to be sturdy enough to be used as table without need for legs, and three roll out trays to be provided, each to be 4" high, each to have three dividers to store hose appliances, etc.			
4.	Middle left side compartment: top portion to have two adjustable shelves; bottom area of compartment to store eight (8) spare Scott air bottles (in a "wine-rack" storage method).			
5.	Rear left side compartment to have full height roll up door. Top portion of compartment to have three (3) adjustable and removable shelves. Bottom portion of this compartment to have a slide out tray. This compartment to also have the generator control and the breaker panel.			
6.	Front right-side compartment to have full height roll up door. Top portion of compartment to have three (3) adjustable and removable shelves. Bottom portion of this compartment to have a slide out tray.			

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
7.	Two narrower middle right side compartments (one located on each side of ladder rack arm) to have Scott SCBA brackets to hold Scott SCBA packs, and "wine rack" style storage for two SCBA bottles in each compartment.			
8.	Rear right side compartment to have full height roll up door. Top portion of compartment to have three narrow (3) adjustable and removable shelves. Bottom portion of compartment to have one deep adjustable and removeable shelf, and to have a heavy duty slide out tray at the bottom of this compartment.			
9.	Rear compartment to be as tall/high as possible. To have barn-door style doors. Paddle latches to be provided. Pull out tray with dividers for hose left side; two dividers 4 ¼" each, middle 7 ½", right side two dividers 5 ½" each. Also, in top of this compartment will be an Hanney electric cord reel ECR1618 with electric rewind, minimum 200 feet or more of 12 gauge 4 wire SOOW with 4 plug box with twist lock plugs.			
10.	Compartments to be provided under walkway of transverse pump panel. Compartment doors to lift upwards to open, not to open to the side.			
11.	Two hose storage; one on each side of pump house for 4" hose, to hold 50' length of 4" supply line in a donut roll.			
12.	Two Pump house slide out steps, one each side of pump panel.			
13.	Pump house fold out 48" step recessed in pump access door front panel in walkway.			
14.	All slide out trays to have reflective tape on the front and sides.			
15.	Fire Department would like as many compartments as possible. Compartments to be as deep as possible to take advantage of as much storage space as possible. Manufacturer is encouraged to be creative to take advantage of vacant space and suggest additional compartments.			



		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
16.	Compartment door ajar indicator light and alarm in chassis cab that indicates when there is a compartment door that has not been completely latched.			
17.	All compartment floors and shelves to have easily removable plastic interlocking tiles, loose on floor, and removable for ease of cleaning. To be sweep-out design.			
18.	Steps on pump panel below side pump access doors for loading hose to be ten inches wide. Steps at rear of truck to be ten inches wide for purposes of hose loading.	A		
19.	Air vents to be in each compartment.			
20.	Floors built to prevent "oil canning".			
21.	State the rated weight capacity of the compartments _____ lbs.			
22.	State rated weight capacity of the shelves _____ lbs.			
23.	State rated weight capacity of slide out trays _____ lbs.			
24.	Sweep out compartment floors with bottom edge lower than compartment floor. No exception.			
25.	Generator control and 110/220-volt panel to be in the left rear compartment, to be a Blue Sea 16 breaker panel, also a 30 amp 220 volt plug to be installed in this compartment.			
26.	Provide one (1) 50" long pry bar, to be installed at rear of body beside the 4" intakes.			
27.	Aluminum diamond plate protection panels for the body.			

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
28.	Rub rails with reflective tape.			
29.	Handrails, steps, tow eyes, and mud flaps to conform to ULC and Work Safe BC standards.			
30.	All wiring to be hard wired. No multiplexing.			
31.	Wires will be permanently heat ink embossed with both number and function codes.			
32.	Rear tow loops to be under rear compartment.			
33.	LED Lights installed in the pump compartment. Switch to be on pump panel.			
34.	Provide siren amplifier; electric, with PA and microphone, to be part of the Whelen CenCom Sapphire System			
35.	Horn function to control electric horn or air horn, or hands-free for siren operation.			
36.	Two (2) 100-watt speakers installed in the front bumper (includes PA system). To meet needs of recommended siren.			
37.	Folding rear ladder on left rear of truck			
38.	Tailboard to be adequate in depth for safety of fire fighters standing on tailboard.			
39.	Full width 10" step, located above rear compartment, for fire fighters to stand on while assisting in loading of hose into hose bed.			
40.	Aluminum rear wheel liners to be provided.			

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
41.	There will be handrails on rear beaver tail so that there are grab rails for when tele-lights are removed.			
42.	Hydraulic operated ladder rack to be on the right side of the unit and to hold one 14' roof ladder, one 24' two section ladder, two 2 ½" hard suction hoses, one folding attic ladder and two pike poles. To lower as low as possible for ease of access to items on ladder rack.			
43.	Provide audible alarm and flashing light indicator for when ladder rack is being lowered or raised.			
44.	A command post table to be provided located in left side front lower compartment area, to pull out of compartment, and be able to bear weight without the need of table legs. Design to be finalized at pre-construction meeting.			
45.	Entire under portion of the body, cab and chassis to be undercoated.			
46.	Left side of apparatus to provide storage for four (4) lengths of 4" hard suction hose, each hose being 10' in length. Storage to be provided by two hose trays being mounted on the left side body of the apparatus, each capable of storing two 10' lengths of the 4" hard suction hose.			
47.	Lighting in all compartment areas to be provided by Amdor Luma Bar LED lights controlled by the compartment door opening. Lights to be mounted so that the entire compartment and each shelf area are lit. Lighting to be mounted on both sides of each compartment.			
<b>WATER TANK</b>				
1.	1000 Imperial gallons with 6" overflow. With 60-gal Foam tank.			
2.	To be constructed of Polypropylene to conform to ULC and NFPA standards.			

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
3.	Lifetime warranty against corrosion. No exception.			
4.	Tank drain and valve.			
5.	Provisions for a future 12" dump valve out of rear compartment.			
<b>EMERGENCY EQUIPMENT</b>				
1.	To conform to ULC standards. No exception.			
2.	Manufacturer shall provide a "Certification of Compliance" of the warning system.			
3.	Emergency lights are to be controlled by Whelen CenCom Sapphire Control System.			
4.	Refer to Appendix "D" – Apparatus Lighting Specifications Document.			
<b>MISCELLANEOUS</b>				
1.	One 10-foot fire service foot folding attic ladder.			
2.	One 24-foot fire service extension ladder.			
3.	One 12-foot fire service roof ladder.			
4.	Four 4" hard suction hose, each to be 10-foot lengths.			
5.	Two aluminum wheel chocks and mounts. Mounts to be on driver's side, to be of a slight downward angle.			
6.	Four 6-foot fiberglass pike poles.			

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
7.	Two 10-foot fiberglass pike poles, to be mounted on the ladder rack.			
8.	Please advise in each case of make and model of specified equipment being provided in your quote, where applicable.			
5.	Back up alarm.			
6.	Must meet all DOT and CVIP standards for reflectors and lighting.			
7.	Apparatus to be pre-wired for two dual head VHF radios. Two heads to be located inside of cab, two heads to be located at the pump panel installed in two boxes on top of pump panel, radios will be Kenwood Dual head radios.			
<b>GENERATOR / LIGHTING</b>				
1.	8000 watt or better hydraulic PTO generator. Smart Power preferred. State what is being provided _____.			
2.	Two side body 110-volt AC duplex outlets will be supplied, one to be located on each side of body at pump panel, to be 110V 15amp twist lock style.			
3.	Two rear body 110-volt AC duplex outlets will be supplied, to be 15amp twist lock style.			
4.	Sixteen (16) breaker circuit panel, Blue Sea preferred. State what is being provided _____.			
5.	Two demountable and extendable 110-volt LED tripod "extend-a-lights", installed at rear of unit. To be Akron Scene Star lights. To be plugged into exterior electrical box while mounted. Two outlets per light to be provided so one free outlet is available to be used per location at rear of unit.			

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
6.	Two LED telescoping 110-volt AC lights will be installed; one on each side of the pump panel with warning light/indicator in cab when lights extended. To be Akron Scene Star lights. To be directly wired to breaker box, with a breaker for each light.			
<b>PAINTING</b>				
1.	Truck to be two tone color, white and red; fire department to supply color code and paint lay out.			
2.	Interior of all compartments to be painted. Yellow preferred. State what is being provided _____.			
3.	Reflective striping to be provided, with Canadian Flag incorporated into striping. To match existing Beaverly Engine 12 (to be finalized at pre-construction meeting).			
4.	Body undercoating of entire under portion of body, cab, and chassis.			
<b>EQUIPMENT</b>				
1.	Hose wrenches, one set mounted on each side of pump panel, and one set of hose wrenches to be mounted at rear of truck. To fit two wrenches on each mount, wrenches to be 2 ½" and 4" Storz and 1 ¾" hose wrench sets in each location as well.			
2.	Two (2) 20lb ABC fire extinguishers to be provided, no brackets or mounting required.			
3.	Install Ipad mount in front of officer seat on dash. Final location to be determined at preconstruction meeting.			

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
4.	Installed in rear of tail board three pockets to hold three 1 1/4" by 36" aluminum rods to be supplied and mounted (purpose is to hold dirty hose on tailboard)			
5.	Two fire axes with fiber glass handles mounted. One mounted on each pump panel side doors.			
<b>BID TO INCLUDE</b>				
1.	A weight balance calculation.			
2.	A driveline analysis of a typical installation.			
3.	Details of service facility, hours of operation, size, locations, number of bays, paint, and body capabilities.			
4.	Delivery to Beaverly Fire Rescue Fire Hall. Minimum of eight (8) hours training to be provided on apparatus. Training needs to accommodate volunteer firefighter's schedules and may need to be on a weekend date.			
5.	Number of service vehicles _____.			
6.	Preference is that proponent's service is not third party. Please state what is being provided _____.			
7.	A label or decal on truck that indicates recommended fluid levels and types. Fire department to advise location of decal at preconstruction meeting.			
8.	Complete set of maintenance, service, and repair manuals for all equipment, including, but not limited to; cab, engine, pump, axles, generator, etc.			
9.	Trip for two to the factory for the pre-build, mid-construction, and final inspection meetings.			

		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
10.	All changes must go through a documented change order process and be signed off by both the Regional District of Fraser-Fort George and the Manufacturer.			
11.	Final acceptance and contract award will be conditional on the successful proponent providing TWO (2) sets of scale drawings showing left, right, front, and rear plan vies of the apparatus. Wiring diagrams as proposed will be required and are to be provided showing all dimensions. Dimensions are to be in imperial units. As-built wiring diagrams are required following completion of truck build.			
<b>Emergency Lighting Specifications</b>				
1.	<u>Interior Cab Lighting:</u> 6 - Whelen 6" Round - (60CREGCS - split red/white, 12 diode, switch)			
2.	<u>Ground Lighting:</u> Amdor - Luma Bar H20 Series (clear white color) All ground lighting to illuminate automatically when park brake is applied			
3.	8 - 20" bars (1- under driver's door, 1- under pump panel walkway{left side}, 1- under compartment L1, 1- under compartment L3, 1- under officers door, 1- under pump panel walkway {right side}, 1- under compartment R1, 1- under compartment R4)			
4.	2 - 12" bars (1- under left side rear cab door, 1- under right side rear cab door)			
5.	1 - 40" bar (1- centered under rear tailboard)			

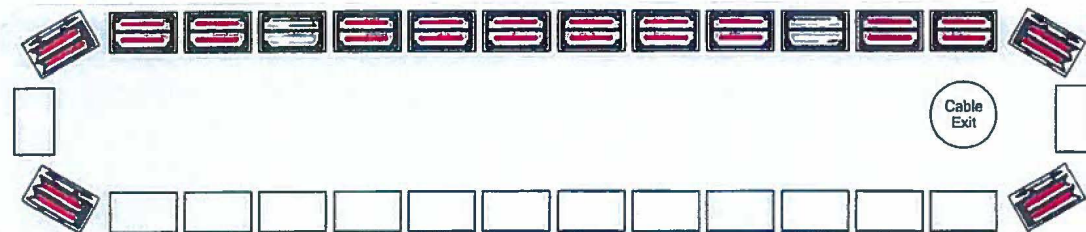


		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
6.	<u>Light Bar:</u>  Whelen Ultra Freedom Series Wecan Light Bar <ul style="list-style-type: none"> <li>- Lightbar Code = FW (Length = 82", Layout is of a Wecad design however we would like the light bar in a Wecan version which is FW)</li> <li>- Lightbar drawing included</li> </ul>			
7.	<u>Front End lighting:</u>  2 - Whelen M6 (Red) Roto Beam Lights LED 6RBRC 2 - Whelen MGT (Amber Turn Signals) 1 - Whelen M4 (Clear) 4 - LED Headlights (Low/High Beams) with heaters 2 - Rigid Industries Flush Mount D2 Driving Lights			
8.	<u>Driver/Passenger Side:</u>  4 - Whelen M6 (red) 2 - Whelen ION Wide Angle Surface Mount (red) 4 - Whelen M9 Scene Lights 2 - Whelen 400 series 40RASSCR (split Red upper/Amber lower with amber portion of the light being the mid body turn signal and the red portion being a red flasher)			

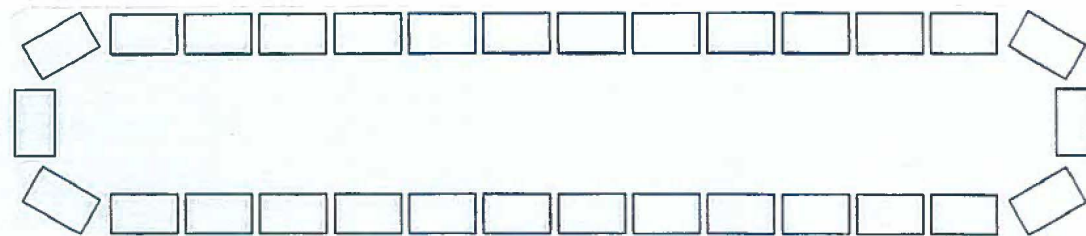
		Compliant	Non-Compliant	State the variation being supplied if line item is non-compliant
9.	<u>Rear End Lighting:</u>  1 - Whelen 500 series linear front load traffic advisor (TANF85 - 8 amber modules, which will be controlled by Whelen CenCom Sapphire Controller in the cab) 2 - Whelen Light Bezel Holders (M6FCV4) 4 - Whelen MG (red) Two up top, Two down by tail lights in "x" pattern 2 - Whelen M6T (Amber Turn Signals) 2 - Whelen M681T (Red brake, tail, turn) 2 - Whelen M68UW (Super LED back-up light) 4 - Whelen PELCC (Perimeter Enhancement Light for under rear steps to gain access to the hose bed) 2 - Whelen Roto Beams L-31HRF (Red)			
10.	<u>Hose Bed:</u>  2 - Micro Pioneer MPPBCS (1- mounted at front of hose bed, 1- mounted at the rear of the hose bed)			
11.	<u>Clearance Lights:</u>  All clearance lights are to be LED			
12.	<u>Notes:</u>  1. All lights are to have clear lenses. 2. All lights are to have chrome bezels around them where applicable. 3. All emergency lights, driving lights, and auxiliary lighting to be controlled by Whelen CenCom Sapphire System.			

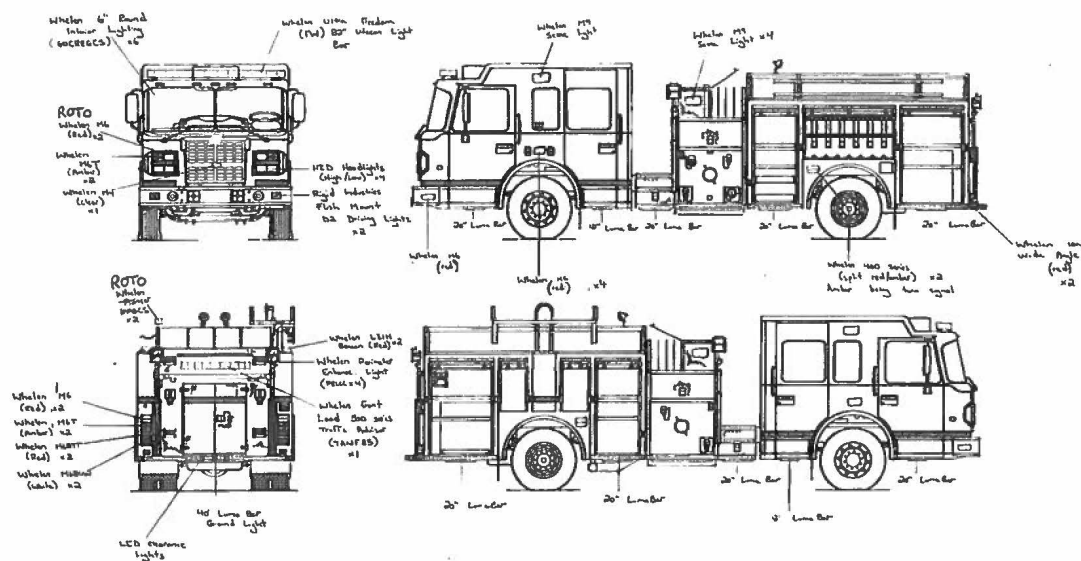
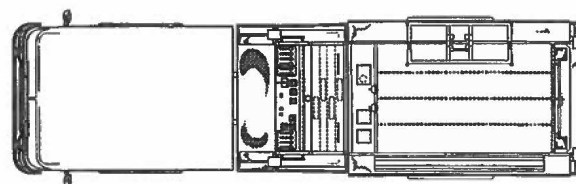
Freedom Series Light Bar Order Form/Worksheet

Configuration



Lenses







**APPENDIX D**  
**SCHEDULE OF PRICES**

**FOR APPENDIX "C"**  
**MINIMUM SPECIFICATIONS FOR FRONTLINE ENGINE**  
**FOR BEAVERLY FIRE/RESCUE**

Price submitted below reflects the full cost, excluding taxes, of the New Frontline Engine for Beverly Fire/Rescue as specified in RFP CS-22-05 Appendix "C" Minimum Specifications for New Frontline Engine for Beverly Fire/Rescue. This price sheet must accompany the bid package submitted.

Contract Price (not including taxes)	\$ _____
GST	\$ _____
PST	\$ _____
Other (please specify)	\$ _____
TOTAL	\$ _____
State Delivery Date being Submitted:	_____
Nearest Service Facility	_____

\_\_\_\_\_  
Authorized Signatory Signature

\_\_\_\_\_  
Name of Proponent

\_\_\_\_\_  
Name (Please print)

\_\_\_\_\_  
Address

\_\_\_\_\_  
Title

\_\_\_\_\_  
City, Province, Postal Code

\_\_\_\_\_  
Phone Number

\_\_\_\_\_  
Email

\_\_\_\_\_  
Date



**APPENDIX E  
OPTIONAL EQUIPMENT  
FOR FRONTLINE ENGINE  
FOR BEAVERLY FIRE/RESCUE**

		Price (excluding taxes)
1.	Cost to provide Foam Pro auto fill system for foam tank	
2.	Cost to change from top mounted preconnect hose beds to lower level speedlay trays, where the preconnects are housed in slide out trays about waist level, trays to be removeable and usable from both sides of the truck.	
3.	Cost to provide ten (10) carbon fiber 2.2 Scott SCBA air bottles.	
4.	Cost to provide four 4" diameter hard suction hose, 10' in length, with storz fittings.	
5.	Cost to provide Akron monitor with stacking tip nozzles down to ½".	
6.	Cost to provide four 6 foot fiberglass pike poles.	
7.	Cost to provide 1000' of 4" supply line in 50' lengths. Prefer Angus hose, state what is being quoted _____.	
8.	Cost to provide wheel well SCBA air bottle storage compartments.	
9.	Cost to provide emergency engine shut down.	
10.	Cost to provide two cameras one in the front and one in the rear. Rear camera to be viewable from the driver's seat and the officer seat and at the pump panel, and to be recordable and operated in the cab and at the pump panel	
11.	Cost to provide two 2 ½" Akron zero torque turbojet nozzles	
12.	Cost to provide two 1 ¾" Akron zero torque turbojet nozzles	