District of 100 Mile House

Request for Proposal 2021-05

Fire Engine

REQUEST FOR PROPOSAL

Issue Date: October 14th, 2021

Closing Location:

OFFICE OF THE ADMINISTRATOR
MUNICIPAL OFFICE
385 SOUTH AVENUE
100 MILE HOUSE, BC V0K 2E0

FINAL DATE AND TIME FOR RECEIPT OF PROPOSALS:

Four (4) complete copies of each proposal must be received by November 15th, 2021 3:00 p.m. Local Time

CONTACT PERSON:
Roger Hollander– Fire Chief
Phone (250) 395-2152

REQUEST FOR PROPOSAL (RFP)

DISTRICT OF 100 MILE HOUSE (DISTRICT)

Issued October 14th, 2021

SUPPLY AND DELIVERY NEW FIRE ENGINE PUMPER

FIRE FIGHTING, RESCUE AND SAFETY EQUIPMENT

Proposals are invited from qualified proponents to design, construct and deliver a new Fire Engine for the District of 100 Mile House Fire-Rescue Department.

Sealed proposals, clearly marked on the outside of the envelope with the words **"Fire Engine"**, will be received at the office of the Administrator, 385 Birch Avenue, 100 Mile House, B.C. V0K 2E0, up until 3:00 p.m., November 15th, 2021. Proposals will not be opened publicly at that time.

The District reserves the right to reject any or all proposals, to waive defects in any bid or proposal documents and to accept any proposal or offer which it may consider to be in the best interest of the District. The lowest or any proposal will not necessarily be accepted.

RFP documents may be obtained in person from the District Office, 385 Birch Avenue, 100 Mile House, BC V0K 2E0. Telephone (250) 395-2434, on the District website www.100milehouse.com or BC BID.

Closes: November 15th, 2021 @ 3:00 pm Local Time

For more information contact:

Roger Hollander – Fire Chief
District of 100 Mile House
385 Birch Avenue
100 Mile House, BC V0K 2E0
Phone: (250) 395-2152 Fax:(250) 395-3625
E-Mail: rhollander@100milehouse.com

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EXECUTIVE SUMMARY

1. SUMMARY OF THE REQUIREMENT

The proposed fire engine will be the primary response unit in the District of 100 Mile House. This apparatus will respond to emergency incidents in the municipality and in the regional district.

ADMINISTRATIVE REQUIREMENTS

The following terms will apply to this Request for Proposal and to any subsequent Contract. Submission of a proposal in response to this Request for Proposal indicates acceptance of all the following terms.

2. REQUEST FOR PROPOSAL TERMINOLOGY

Throughout this Request for Proposal, terminology is used as follows:

a) "Contract" means the written agreement resulting from this Request for Proposal executed by the District and the Contractor.

b) "Contractor" means the successful Proponent to this Request for Proposal who enters into a written Contract with the District.

c) "Proponent" means an individual or a company that submits, or intends to submit, a proposal in response to this "Request for Proposal".

d) "District" means The District of 100 Mile House.

3. REQUEST FOR PROPOSAL PROCESS

3.1 NOT A TENDER CALL

This Request for Proposal (RFP) is not a tender call, and the submission of any response to this RFP does not create a tender process. This RFP is not an invitation for an offer to contract, and it is not an offer to contract made by the District.

By this RFP, the District reserves to itself the absolute and unfettered discretion to invite submissions, consider and analyze submissions, select short-listed Proponents or attempt to negotiate an agreement with the Successful Proponent as the District considers desirable.

Without limiting the generality of the foregoing, the District reserves the right to:

- Reject, consider or short-list any submission whether or not it contains all information required by this RFP.
- Require clarification where a submission is unclear prior to award.
- Reject any or all submissions without any obligation, or any compensation or reimbursement, to any Respondent, intended Proponent, or any other person associated with this RFP process.
- Disqualify or reject any submission without discussion with the submitting party.
- Reject any submission that the District considers is not in its best interests.

3.2 NO OBLIGATION TO PROCEED:

Though the District fully intends, at this time, to proceed through the RFP, the District is under **no obligation** to proceed to the purchase, or any other, stage. The receipt by the District of any information (including any submissions, ideas, plans, drawings, models or

other materials communicated or exhibited by any intended Proponent, or on its behalf) shall not impose any obligations on the District. There is no guarantee by the District, its officers, employees or agents, that the process initiated by the issuance of this RFP will continue, or that this RFP process or any RFP process will result in a contract with the District.

3.3 DISTRICT'S DECISION-MAKING PROCESS

The District has the power to make any decision, or to exercise any contractual right or remedy, contemplated in this RFP at its own absolute and unfettered discretion.

3.4 ADDENDA AND SUBSEQUENT INFORMATION

Proponents are advised that all subsequent information regarding this RFP including any addendum will be distributed on the District's webpage. Notification will automatically be sent to all registered proponents. All addenda must be acknowledged in your submission on the Certification Document.

3.5 ENQUIRIES

All enquiries related to this Request for Proposal are to be directed, in writing, to the following person, information obtained from any other source is not official and should not be relied upon. Enquiries and responses will be recorded and may be distributed to all Proponents at the District's option.

Roger Hollander – Fire Chief
District of 100 Mile House
385 Birch Ave
100 Mile House, BC V0K 2E0
Fax (250) 395-3625
Email: rhollander@100milehouse.com

3.6 FINAL DATE AND TIME FOR RECEIPT OF PROPOSALS

Sealed proposals, clearly marked on the outside of the envelope with the words "Fire Engine" will be received at the office of the Administrator, 385 Birch Avenue, 100 Mile House, BC up until 3:00 pm Local Time, November 15th, 2021. Proposals will not be opened publicly.

Proposals must not be submitted electronically by facsimile or email. Proposals and their envelopes should be clearly marked with the name and address of the Proponent, the Request for Proposal number, and the project or program title.

3.7 EVALUATION COMMITTEE

Evaluation of proposals will be by a committee formed by the District.

3.8 EVALUATION AND SELECTION

The District's intent is to enter into a Contract with the Proponent who has the highest overall ranking.

3.9 NEGOTIATION DELAY

If a written Contract cannot be negotiated within thirty days of notification of the successful Proponent, the District may, at its sole discretion at any time thereafter, terminate negotiations with that Proponent and either negotiate a Contract with the next qualified Proponent or choose to terminate the Request for Proposal process and not enter into a contract with any of the Proponents.

3.10 DEBRIEFING

Unsuccessful Proponents may request a debriefing meeting with the District.

4. PROPOSAL PREPARATION

4.1 SIGNED PROPOSALS

The proposal must be signed by the person(s) authorized to sign on behalf of the Proponent and to bind the Proponent to statements made in response to this Request for Proposal.

4.2 ALTERNATIVE SOLUTIONS

If alternative solutions are offered, please submit the information in the same format, as a separate proposal.

4.3 IRREVOCABILITY OF PROPOSALS

By submission of a clear and detailed written notice, the Proponent may amend or withdraw its proposal prior to the closing date and time. Upon closing time, all proposals become irrevocable. By submission of a proposal, the Proponent agrees that should its proposal be deemed successful the Proponent will enter into a Contract with the District.

4.4 CHANGES TO PROPOSAL WORDING

The Proponent will not change the wording of its proposal after closing and no words or comments will be added to the proposal unless requested by the District for purposes of clarification.

4.5 WORKING LANGUAGE OF THE DISTRICT

The working language of the District is English and all responses to this Request for Proposal must be in English.

4.6 PROPONENT EXPENSES

Proponents are solely responsible for their own expenses in preparing the proposal and for subsequent negotiations with the District, if any. If the District elects to reject all proposals, the District will not be liable to any Proponent for any claims, whether for costs or damages incurred by the Proponent in preparing the proposal, loss of anticipated profit in connection with any final Contract, or any other matter whatsoever.

4.7 LIMITATION OF DAMAGES

Further to the preceding paragraph, the Proponent, by submitting a proposal, agrees that it will not claim damages, for whatever reason, relating to the Contract or in respect of the competitive process, in excess of an amount equivalent to the reasonable costs incurred by the Proponent in preparing its proposal and the Proponent, by submitting a proposal, waives any claim for loss of profits if no agreement is made with the Proponent.

4.8 FIRM PRICING

Proposals must be firm for at least 60 days after the closing date. Prices will be firm for the entire Contract period.

4.9 CURRENCY AND TAXES

Prices quoted are to be:

a) in Canadian dollars;
b) inclusive of duty, where applicable;
c) FOB destination, delivery charges included where applicable, and
d) exclusive of Goods and Services Tax and Provincial Sales Tax.

4.10 COMPLETENESS OF PROPOSAL

By submission of a proposal the Proponent warrants that, if this Request for Proposal is to design, create or provide a system or manage a program, all components required to run the system or manage the program have been identified in the proposal or will be provided by the Contractor at no charge.

5. ADDITIONAL TERMS

5.1 TRAINING

Three full days of training shall be provided by a qualified factory technician upon delivery. (1) One day will be spent on the vehicle's operation and two (2) days spent with the Fire Mechanic to go over mechanical and maintenance items. Training will be in 100 Mile House.

5.2 INSPECTIONS

a) The proponent shall provide for all costs of travel, lodging, meals etc. for three (3) 100 Mile House Fire-Rescue personnel for three (3) separate inspection visits of:
   i. Preconstruction meeting
   ii. Delivery of cab and chassis to proponent's manufacturing facility
   iii. Body before painting

b) The District reserves the right to have two (2) Fire Department representatives witness the ULC tests. The District shall provide for all costs of travel, lodging, meals etc. For the Department representatives.
c) The proponent will provide regular construction updates including digital photographs throughout the construction process.

5.3 DOCUMENTATION

Documentation supporting the vehicle is to be delivered with the vehicle, such documentation will include:

- One maintenance manual and part list.
- One operator, service and parts manual.
- One set of repair manuals, instructions shall include service, maintenance, repair and trouble shooting procedures for major and minor components of the chassis. A table of contents, wiring and air schematics shall be included.
- Parts lists shall include description, part numbers and quantities of all major and minor components.
- One "as built" wiring diagrams for complete unit – including chassis and body interface.

5.4 SUB-CONTRACTING

a) Using a sub-contractor (who must be clearly identified in the proposal) is acceptable. This includes a joint submission by two Proponents having no formal corporate links. However, in this case, one of these Proponents must take overall responsibility for successful interconnection of the two product or service lines and this must be defined in the proposal.

b) Sub-Contracting to any firm or individual who's current or past corporate or other interests may, in the District's opinion; give rise to a conflict of interest in connection with this project will not be permitted. This includes, but is not limited to, any firm or individual involved in the preparation of this Request for Proposal.

5.5 ACCEPTANCE OF PROPOSALS

a) This Request for Proposal should not be construed as an agreement to purchase goods or services. The District is not bound to accept the lowest priced or any proposal of those submitted. Proposals will be assessed in light of the evaluation criteria. The District will be under no obligation to receive further information, whether written or oral, from any Proponent.

b) Neither acceptance of a proposal nor execution of a Contract will constitute approval of any activity or development contemplated in any proposal that requires any approval, permit or license pursuant to any federal, provincial, regional district or municipal statute, regulation or bylaw.

5.6 DEFINITION OF CONTRACT

Notice in writing to a Proponent of the acceptance of its proposal by the District and the subsequent full execution of a written Contract will constitute a Contract for goods or services, and no Proponent will acquire any legal or equitable rights or privileges relative to the goods or services until the occurrence of both such events.

5.7 LIABILITY FOR ERRORS

While the District has used considerable efforts to ensure an accurate representation of information in this Request for Proposal, the information contained in this Request for Proposal is supplied solely as a guideline for Proponents. The information is not guaranteed or warranted to be accurate by the District, nor is it necessarily comprehensive or exhaustive. Nothing in this Request for Proposal is intended to relieve Proponents from

forming their own opinions and conclusions with respect to the matters addressed in this Request for Proposal.

5.8 AGREEMENT WITH TERMS

By submitting a proposal, the Proponent agrees to all the terms and conditions of the Request for Proposal. Proponents who have obtained the Request for Proposal electronically must not alter any portion of the document, with the exception of adding the information requested. To do so will invalidate the proposal.

5.9 MODIFICATION OF TERMS

The District reserves the right to modify the terms of the Request for Proposal at any time at its sole discretion.

5.10 OWNERSHIP OF PROPOSALS AND FREEDOM ON INFORMATION

All documents, including proposals, submitted to the District become the property of the District. They will be received and held in confidence by the District, subject to the provisions of the Freedom of Information and Protection of Privacy Act.

5.11 USE OF REQUEST FOR PROPOSAL

This document, or any portion thereof, may not be used for any purpose other than the submission of proposals.

5.12 CONFIDENTIALITY OF INFORMATION

All proponents and any other person who through this RFP process gains access to confidential financial information of the District's are required to keep strictly confidential all information which in any way reveals confidential business, financial or investment details, programs, strategies or plans, learned through this RFP process. This requirement will continue with respect to such information learned by the successful proponent, if any, over the course of any contract for service which arises out of this RFP process. Information pertaining to the District obtained by the Proponent as a result of participation in this process is confidential and must not be disclosed without written authorization from the District.

5.13 RECIPROCITY

The District may consider and evaluate any proposals from other jurisdictions on the same basis that the government purchasing authorities in those jurisdictions would treat a similar proposal from a District of 100 Mile House supplier.

5.14 CONTRACTS DURING THE RFP PROCESS

Only the Fire Chief for the District of 100 Mile House (or designate) is the City's representative authorized to communicate and otherwise deal with Proponents and all Proponents must communicate and otherwise deal with that person only. Contact with any other District representative, including Members of Council, officers or employees of the District regarding this RFP or a Proponent's submission will result in that proposal being removed from consideration for this and any future competitions.

In the case of a Proponent having a dispute with their submission being removed under this clause, a formal appeal letter must be presented to the Fire Chief within five working

days of notice of removal, stating clearly the reason(s) that they feel that their submission should be reinstated. Under this process the District Administrator at their discretion, will make the final decisions.

SELECTED CONTRACT CLAUSES

5.15 LAWS OF BRITISH COLUMBIA

Any contract resulting from this Request for Proposal will be governed by and will be construed and interpreted in accordance with the laws of the Province of British Columbia.

5.16 ARBITRATION

All disputes arising out of or in connection with the Contract must, unless the parties otherwise agree, be refereed to and finally resolved by arbitration pursuant to the Commercial Arbitration Act.

5.17 INDEMNITY

The Contractor shall be liable for all loss, costs, damages, and expenses whatsoever incurred or suffered by the District, its elected officials, officers, employees and agents (the Indemnitees) including but not limited to damage to or loss of property and loss of use thereof, and injury to or death of a person or persons resulting from or in connection with the performance, purported performance, or non-performance of this Contract, excepting only where such loss, costs, damages and expenses are as a result of the sole negligence of the Indemnities.

The Contractor shall defend, indemnify, and hold harmless the Indemnities from and against all claims, demands, actions, proceedings, and liabilities, whatsoever and all costs and expenses incurred in connection therewith and resulting from the performance, purported performance, or non-performance of this Contract, excepting only where such claim, demand, action, proceeding or liability is based on the sole negligence of the Indemnities.

5.18 INSURANCE

The Contractor shall, without limiting its obligations or liabilities under this Contract, procure and maintain, at its own expense and cost, Comprehensive General Liability Insurance providing for an inclusive limit of not less that $2,000,000 for each occurrence or accident. The insurance policies shall be maintained continuously from the date of commencement of the Work or Services provided until Contract until the Completion of the Work or Services. A certificate of insurance will be available to the District upon request.

5.19 PERMITS AND LICENSES

The successful proponents(s), their employees, agents and vehicles shall have and maintain all valid permits and licenses as required by law for the execution of services related to this agreement.

The successful proponent will be required to conform to all federal, provincial, and city acts and regulations that may apply to the operation of this contract. The successful proponent is required to obtain and pay for all necessary permits, licenses, and inspection fees.

Certified copies of required permits/licenses will be available upon request.

The proponent must comply with all conditions and safety regulations of WorkSafe BC (formally Workers' Compensation Board) act of British Columbia and must be in good standing and must maintain this standing throughout the term of the contract. Please provide your WorkSafe BC registration number.

5.20 FUNDING

The Contract and the financial obligations of the District pursuant to that Contract are subject to:

a) there being sufficient moneys available to enable the District in any fiscal year or part thereof when the payment of money by the District to the Contractor falls due and under the Contract entered into pursuant to this Request for Proposal to make that payment.

5.21 CONTRACT ADMINISTRATOR

A Contract administrator will be assigned by the District to oversee the contract awarded to the successful Proponent. In addition, the Contractor will be expected to name a counterpart project manager. The Contractor's project manager will be responsible for providing scheduled status reports to the Contract administrator or a designate.

5.22 PAYMENT HOLDBACK

The Contract may contain a provision whereby the District will hold back a portion of the total Contract price until the requirements of the Contract have been met.

5.23 INVOICING

Invoices will refer to the Purchase Order number and will detail the supplies / services provided, unit prices, total price and discounts available.

Terms shall be net thirty (30) days or better after acceptance.

5.24 ELECTRICAL SAFETY

Any electrical equipment used in performance of the Contract must be certified by an accredited certification organization acceptable to the District. All costs of approval will be at the Contractor's expense.

5.25 SOFTWARE

It is the Contractor's responsibility to ensure that the District has all licenses required to use any software that may be supplied by the Contractor pursuant to the Contract.

5.26 INTELLECTUAL PROPERTY RIGHTS

The District will be the owner of the intellectual property rights, including patent, copyright, trademark, industrial design and trade secrets in any product developed through a Contract. Licensing and marketing rights to the developed product will not be granted in the Contract. Proposals regarding these rights should not be submitted in response to this Request for Proposal and will not be considered in evaluating responses. If, in the future,

the District elects to commercialize the developed product, the licensing and marketing rights will be negotiated separately.

5.27 DEFAULT

a) The District may, subject to the provisions of paragraph C below, by written notice of default to the contractor terminate the whole or any part of this contract in any one of the following circumstances:

   i. If the contractor fails to make delivery of the supplies, or to perform the services within the time specified herein or any extension thereof; or

   ii. If the contractor fails to perform any of the other provisions of this contract, or so fails to make progress as to endanger performance of this contract in accordance with its terms, and in either of these two circumstances, does not cure such failure within a period of ten (10) days, or such longer period as the District Purchasing Agent may authorize in writing, after receipt of notice from the District Purchasing Agent specifying any such failure.

b) In the event the District terminates this contract in whole or in part as provided in paragraph A of this clause, the District may procure, upon such terms and in such a manner as the District Purchasing Agent may deem appropriate, supplies or services similar to those terminated, and the contractor and his surety shall be liable to the District of any excess costs for such similar supplies or services, provided that the contractor shall continue the performance of this contract to the extent not terminated under the provisions of this clause.

c) The contractor shall not be liable for any excess costs if any failure to perform the contract arises by reason of strikes, lockouts, acts of God or of the public enemy, acts of the District, fires or floods, or defaults of sub-contractor due to any of such causes unless the District Purchasing Agent shall determine that the supplies or services to be furnished by the sub-contractor were obtainable from other sources in sufficient time to permit the contractor to meet the required delivery schedule.

PROJECT OR PROGRAM REQUIREMENTS

6. SITUATION OVERVIEW

The District of 100 Mile House is situated in the Central Interior Region of British Columbia on Highway 97, BC's main arterial north south route. It lies approximately 480 kilometers northeast of Vancouver and approximately 336 kilometers south of Prince George. The District is surrounded by hundreds of lakes of various sizes and wetlands, natural resources, agriculture land and a spread out rural population. The District has an elevation of 3050 feet. The District of 100 Mile House has a population of 2100 residents and is the service Centre for the South Cariboo, population 20,000 area 8,000 square kilometers.

6.1 BACKGROUND

The District of 100 Mile House Fire Rescue Department intends to replace its 1996 Freightliner FL80 Fire Engine with a new modern Fire Engine and is interested in receiving proposals from qualified contractors which offer to supply and deliver a new Fire Engine.

7. PROJECT SCOPE

The proposed fire engine will be the primary response unit in the District of 100 Mile House. This apparatus will respond to emergency incidents in the municipality and in the regional district.

Detailed requirements are listed in Section 8.0 of the Proposal. Evaluations are separated into “comply” “not comply”. The criteria are to be considered as a minimum requirement and do not relieve the vendor of the responsibility of supplying a complete fully functional unit, suitable for the service intended.

8. CRITERIA

The following are the requirements:

8.1 TIMELINE AND DELIVERY

Proponents must provide a complete manufacturing timeline with an expected delivery. date.

8.2 EVALUATION CRITERIA

Proposals meeting the requirements will be further assessed against the following criteria. The relative weighting for each criterion is also given.

Criteria	Weight
The degree to which the apparatus design incorporates advantageous features in the opinion of the District of 100 Mile House and 100 Mile House Fire-Rescue	15%
The quality and duration of the proponent’s proposed warranty(s), specifically items or components.	15%
The proponent’s demonstration that the requests of the RFP have been met with high quality parts, components, design and craftsmanship.	10%
The proponent’s ability to support the District of 100 Mile House Fire Department after the purchase including training, the proponent’s location of affiliated authorized service centers with trained technicians, service facilities and parts relating to the maintenance of the proposed apparatus, components and equipment.	15%
Price	45%

8.3 PROPOSAL REQUIREMENTS

In order to receive full consideration during evaluation, proposals should include the following:

8.3.1 Warranty Information

The warranty coverage applicable to various components or assemblies shall be specified. Such warranty coverage to become effective from the date the apparatus was placed in service. Submissions should have all warranties listed on a separate page (s) and should include a complete listing of all components or assemblies with warranty coverage and details on the coverage offered.

8.3.2 Drawings

All proponents must supply five (5) view drawing of the truck proposed. Drawings which are “For reference only” shall not be acceptable.

8.3.3 After Sale Service and Support

Proponent shall state the after sales service and parts support provided. The proponent must clearly state the number of trained personnel and location of the service centre and other relevant information to assist the 100 Mile House Fire-Rescue Department to determine the suitability of the proponent.

8.3.4 Factory Training Program Course Listing (Section 5.1).

8.3.5 Completed pricing schedule (appendix A).

8.3.6 Brochures and reference material.

8.4 CRITERIA TABLES

8.4.1 GENERAL INSTRUCTIONS

For each item in this proposal, the “Comply” column of the criteria tables below must be completed. Proponent shall indicate “Yes” only where the equipment or service provided will fully comply with those criteria.

If the proponent’s proposal exceeds the comply criteria the proponent shall indicate “Yes” in the “Comply” column and the “Variation” column must be completed with specifics. In order to receive full consideration, include all pertinent information/documentation. If space is insufficient, the proponent must supply a separate page referring to the section title and the item number.

If the Comply criteria cannot be supplied, “No” shall be indicated in the “Not Comply” column and the “Variations” column must be completed with the specifics of the proposed alternatives, if any. If space is insufficient, the proponent must supply a separate page referring to the section title and the item number.

Page number that criteria appear in specification documents to be included. Where the proposal asks for information, the answer must appear in the “Specification/Variations” column.

Criteria Type - Each item in the criteria table below has been identified with an C or NC.

8.4.2 **STANDARDS TO BE MET**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.2.1	Proposals shall be based on current year models. All accessory items shall be in current use to ensure parts availability.					
8.4.2.2	Unless otherwise specified, construction shall meet or exceed, and CAN/ULC-S515-04 (or latest revision) standard.					
8.4.2.3	The District of 100 Mile House Fire Department is conscious of its effect upon the environment. All internal combustion vehicles must meet the minimum emission standards as set out in the Motor Vehicle Safety Regulations.					
8.4.2.4	The apparatus must pass all applicable regulatory tests including by not limited to: - B.C. Government Motor Vehicle Certificate of Approval. - National Transportation Safety Board Test - Inspected and tested by the Underwriters Laboratories of Canada (including a ULC plate certification) - Canadian Motor Vehicle Safety Sticker (CMVSS Certification is to be attached at the chassis manufacturing plant. Third party certification is not acceptable. - Any other required test or certificates. - WorkSafe BC Regulations					

8.4.2.5	All electrical equipment shall be installed to conform to the latest Federal and Provincial Standards. NFPA 1901-2003, CAN/ULC-S515-04, CSA and FAMA					

8.4.3 **CUSTOM CHASSIS**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.3.1	The cab shall be a Spartan Metro Star or similar, with 10" riser.					
8.4.3.2	A durable duty style cab interior is preferred including metal finishing over vinyl and plastic components.					
8.4.3.3	Chassis shall be equipped with a vehicle anti roll system option.					
8.4.3.4	Chassis shall have occupant air bags where available.					
8.4.3.5	Chassis shall have air conditioning.					State location of AC unit inside cab:
8.4.3.6	Placard on headliner panel above driver to include the vehicle height, weight, length, and seating capacity as per NFPA. Measurements to be both Metric / Imperial.					

8.4.4 **FOUR DOOR ALUMINUM CAB**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.4.1	The apparatus chassis shall be of an engine forward, fully enclosed tilt cab design. There shall be four side entry doors.					
8.4.4.2	The cab shall be of the fully open design with no divider wall or window separating the front and rear cab sections.					
8.4.4.3	The cab shall have seating for 6 (six)					
8.4.4.4	All openings in the cab shall be grommeted or equipped with rubber boots to seal the cab from extraneous noise and moisture.					
8.4.4.5	The cab shall carry the manufacturer's rust perforation warranty, and be constructed of easily replaceable body parts,					
8.4.4.6	Mud flaps for front and rear wheel wells.					
8.4.4.7	AM/FM Radio with blue tooth					
8.4.4.8	Door handles to be chrome with stainless steel wear plate behind handles.					

8.4.5 **DIMENSIONS**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.5.1	The cab is offering the following exterior dimensions.					Cab Width (including mirrors): Cab Height (ground to roof): Cab Length
8.4.5.2	The following dimensions will allow the apparatus to maneuver in confined areas.					Wheelbase: Overall Length: Overall Width (excluding mirrors): Overall Height: Turning Cramp Angle:

8.4.6 **TILTING MECHANISM**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.6.1	An electric over hydraulic cab tilt system will be provided in order to facilitate the lifting of the cab to allow full access to the engine and accessories mounted under the cab.					
8.4.6.2	The lift system shall operate in a smooth and safe manner and shall include cylinder interlocks to ensure that the cab will remain in a fixed position in the event of a failure in the system.					
8.4.6.3	Electric control for tilting of the cab c/w remote control					Location of control:
8.4.6.4	A manual backup tilting system shall also be provided.					

8.4.7 **FRAME**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.7.1	The frame shall carry a lifetime warranty to the original purchaser.			N/A		
8.4.7.2	Two (2) corrosion proof Tow Eyes shall be mounted directly to the chassis frame rails, on each side, at the rear of the truck.					State Type:

8.4.8 **FRONT BUMPER**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.8.1	Standard chrome finish bumper					
8.4.8.2	Two corrosion proof tow hooks shall be mounted directly to the front chassis frame rails, one each side.					Type
8.4.8.3	The Angle of Approach of the finished apparatus shall be minimum 8 degrees. A 24" extended front bumper shall include an apron constructed of approx. 3/16" thick embossed aluminum tread plate. The apron shall be installed between the bumper and the front face of the cab affixed using stainless steel bolts attaching the apron to the top bumper flange.					State Angle of Approach (Degrees):

8.4.9 **ENGINE**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.9.1	The engine shall be electronically governed, turbocharged and charge air cooled diesel with a minimum of 450 horsepower and 1250 lb. ft. of torque. The Maximum speed shall be 120 km/h. Up to date engine software for troubleshooting and diagnostic adjusting shall be provided. This software will be able to be loaded on to a laptop computer. Any hardware hook ups for communication purposes to the engine will be provided.					State Make and Model: hp:
8.4.9.2	In addition, the engine shall be certified for use in a fire service vehicle and the chassis manufacturer shall be able to provide written certification from the engine manufacturer stating that the engine installation meets all of the engine manufacturer's installation parameters.					
8.4.9.3	A certified power curve shall be furnished to show the gross torque, gross horsepower.					
8.4.9.4	The engine shall carry the manufacturer's maximum warranty period available.					
8.4.9.5	The engine shall be provided with a water cooled, reciprocating type air compressor, gear driven, engine oil lubricated. (minimum 15.7 Cfm)					State Make and Model:
8.4.9.6	A programmable high idle switch shall be provided and mounted in the cab. The high idle switch shall be initially set at 1200 RPM.					State Model:

8.4.9.7	A clutched fan drive shall be provided for the engine fan. The fan clutch shall disengage the fan when the engine coolant is below manufacturer's recommended operating temperature. The fan clutch shall be adequately designed for the size fan being driven and of such a design that during a failure of the control circuit the fan will automatically engage. There will be no dash switch for engine fan.					
8.4.9.8	An electronic pressure governor shall be supplied.					Model:
8.4.9.9	Grounding strap from pump, body and engine.					
8.4.9.10	It is preferred that components for routine maintenance be accessible without raising the cab (coolant check, engine oil dipstick, window washer fluid, transmission dipstick).					
8.4.9.11	Both governor displays shall be light emitting diode type and shall be clearly readable in both night-time and bright sunlight operation.					
8.4.9.12	A recessed Weatherproof male 120 volt "Shore Power" receptacle shall be installed in the driver's doorstep area and wired to the battery conditioner, and any other 110-volt chargers/outlets.					
8.4.9.13	The Chassis shall be equipped with an ancillary engine brake / retarder system that is compatible with the engine and transmission and controlled by the V-MUX system.					

8.4.10 **AIR INTAKE SYSTEM**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.10.1	A dry type two stage cleaner shall be provided that is properly sized for use with the specified engine. The air cleaner shall have a readily accessible replaceable element and shall meet the engine manufacturer's guideline for intake restriction. An intake restriction indicator shall be provided. An ember screen shall be included on the intake.					State Make and Model:

8.4.11 **COOLING SYSTEM**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.11.1	A pressurized cooling system shall be provided. The cooling system shall incorporate a radiator of sufficient frontal area and coolant capacity to satisfy the engine manufacturer's cooling recommendations for fire service conditions and use. It shall also include an overflow tank of sufficient size for this application. Engine coolant to be capable of withstanding a minimum of -50 degree Celsius.					
8.4.11.2	An auxiliary water to engine coolant exchanger shall be supplied in the chassis cooling circuit to allow fire pump by-pass flow to aid in cooling the engine during pumping operations. A quarter turn control valve for the exchanger will be mounted at the pump panel.					

8.4.12 **FUEL SYSTEM**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.12.1	The fuel tank shall be constructed of metal with anti-surge baffle and shall conform to Federal Highway Administration Title 49 No. 393.67 for liquid fuel tanks, and NFPA 1901.					State tank capacity:
8.4.12.2	The fuel tanks shall be provided with a high capacity 2.5" filler neck size with no flow restrictions, dual fuel pick-up and return tubes and a flush ¾" NPT drain plug. The tank shall be properly vented for normal operation and for full flow refueling. There should be a provision for DEF tank at the same location as the fuel tank.					
8.4.12.3	A fuel anti surge tank shall be provided in the rear wheel well to prevent expansion overflow.					
8.4.12.4	A fuel filler port shall be located on driver's side behind wheel well area and provided with the words "DIESEL FUEL ONLY" engraved in 1" letters.					
8.4.12.5	DEF filler and tank must be located in same area as diesel tank and signed as DEF ONLY					

8.4.13 EXHAUST SYSTEM

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.13.1	The exhaust system shall discharge to the right side forward of the rear tires (no 45 drop). Exhaust must interface with Plymovent exhaust system. A muffler with a minimum .065" wall aluminized steel exhaust tubing supported by bolted on frame brackets shall be installed. Stainless steel flex tubing is to be installed between turbo down pipe and exhaust pipe. System joints shall be connected with lapping band clamps. All exhaust piping shall be protected against damage from vibration, torque and frame twisting.					

8.4.14 **AUTOMATIC TRANSMISSION**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.14.1	The automatic transmission shall be compatible with the engine and ancillary braking system and be rated for an emergency vehicle application.					State Make and Model:
8.4.14.2	Transmission shall be supplied with synthetic lubricant only.					
8.4.14.3	The transmission, engine and other electronic components shall be shielded or otherwise protected to ensure there is no radio interference with the radio frequencies that are used by 100 Mile House Fire-Rescue Department.					
8.4.14.4	Maximum extended warranty provided by manufacturer to be included.					

8.4.15 **FRONT AXLE**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.15.1	The front axle shall be Meritor FL941 with a minimum rating of 20,000 lbs. It shall have oil lubricated bearings. Front axle specs will be finalized at pre-construction meeting.					Model and Capacity:
8.4.15.2	Front springs shall be a flat or tapered leaf design and be rated for a minimum of 20,000 lbs.					State Rating:
8.4.15.3	Heavy duty, double acting shock absorbers shall be provided. No suspension throttle bounce will be accepted.					
8.4.15.4	Front springs, hangers and pins shall be accessible for removal without having to remove or cut body sheet metal.					

8.4.16 **STEERING**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.16.1	The maximum curb-to-curb turning radius shall be detailed.					State curb-to-curb turning radius:
8.4.16.2	The apparatus steering shall be capable of single hand operation at idle with the chassis fully loaded. An auxiliary gear or assist cylinder shall be utilized, if necessary, to meet the specified steering requirements. Sufficient power shall be attained by the power steering gear to permit turning of the steering wheel with two fingers while the fully loaded apparatus is stationary with the brakes applied and the engine is at idle.					
8.4.16.3	The steering system shall be a closed loops system and shall have no other hydraulic loads imposed on the system other than the apparatus steering and shall not share hydraulic fluid with any other chassis function.					
8.4.16.4	A multi-adjustable tilting and telescoping steering column shall be supplied.					
8.4.16.5	The column shall have an integral, self cancelling turn signal.					
8.4.16.6	The steering column shall contain a horn button, four-way hazard switch and head lamp dimmer switch on turn lever.					

8.4.17 **REAR AXLE**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.17.1	A single reduction rear axle with locking differential shall be provided with non-asbestos Fire and Emergency Service linings, dust shields and automatic slack adjusters. Differential Lock switch to be in reach of driver.					
8.4.17.2	The rear axle shall be Meritor RS-25-160 and have a minimum rated capacity of 25,000 pounds at ground. Filled with full synthetic oil Rear axle specs will be finished at pre-construction meeting.					State model and rated Capacity:
8.4.17.3	The rear axle ratio shall provide a top loaded speed of maximum 120 km/h 6.43:1 ratio c/w magnetic drain plug.					State Axle Ratio:
8.4.17.4	Proponent shall provide a SCAAN with the proposal documentation.					
8.4.17.5	The vehicle shall be equipped with an all-wheel Anti-lock Braking system (ABS) to provide controlled stopping under emergency braking conditions.					State Type:
8.4.17.6	All wheel sensors are to be rigid mounted and completely sealed and corrosion resistant.					
8.4.17.7	In addition, the rear wheel sensors are to be utilized in conjunction with the electronic governor in order to supply the vehicle with slip limiting, Automatic Traction Control (ATC).					

8.4.17.8	The suspension in the rear will be a Hendrix Fire Max air ride design capable of carrying the fully loaded truck.					
8.4.17.9	Kneeling suspension. Suspension must drop when park brake applied and resume when put into gear and park brake released					

8.4.18 **AIR BRAKE SYSTEM**

	DETAILED DESCRIPTION	**Comply**	**Not Comply**	**Exceeds Minimum YES/NO**	**Spec Page**	**Variation**
8.4.18.1	A dual circuit, rapid build-up, air brake system shall be provided c/w brake application gauge and shall comply with all Federal regulations and NFPA Standards at time of manufacture.					
8.4.18.2	The brake system shall also incorporate a cartridge style air dryer. Wabco Super Save 1200 c/w 100-watt heater.					
8.4.18.3	Manual air drains to have cables extended to outside of body with enough slack to prevent air release from body twisting.					
8.4.18.4	The service brake system shall be capable of readily bringing the fully loaded apparatus to a full stop on dry pavement in a distance not to exceed thirty (30) feet from a speed of 32 km/h.					
8.4.18.5	One female quick disconnect fitting Type “M” complete with dirt plugs shall be provided, one on the driver’s side of the pump house. These fittings may have to be recessed.					

8.4.19 **WHEELS AND TIRES**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.19.1	Two front tires shall be supplied. The preferred tires shall be Michelin mud and snow 12R 22.5 Model XDN 2 mounted on polished aluminum hub piloted wheels with backing plates and axle cover kits. Tire manufacture and tread design to be finalized at preconstruction meeting. Tires must meet required weight specifications. No tire pressure sensors.					
8.4.19.2	Four rear tires shall be supplied. The preferred tires shall be Michelin 12 R 22.5 XDN 2 mud and snow tread, mounted on polished aluminum hub piloted wheels with backing plates and axle cover kits. Tire manufacture and tread design to be finalized at preconstruction meeting. Tires must meet required weight specifications. No tire pressure sensors.					

8.4.20 **CHASSIS WIRING**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.20.1	A master kill switch shall be installed but not affect the four-way flashers or any 12v equipment charges that must work at all times, and an 110V AC Weatherproof Duplex receptacle shall be provided in the cab. This receptacle shall be connected to the shoreline power system. The exact location of the receptacle will be determined at the preconstruction meeting. The interior and exterior electrical boxes and an inverter shall be on a timer and will be discussed at preconstruction meeting.					
8.4.20.2	Automatic reset type circuit breakers shall be provided for all chassis electrical functions and shall be fully accessible.					Detail of Location:
8.4.20.3	An alternator shall be provided (it should have a minimum output @ idle to meet minimum continuous electrical load of apparatus and shall be provided with automatic regulation). (Leece/Neville preferred) The electrical system shall be a Weldon Technology V-MUX multiplex system.					State Make & Model:
8.4.20.4	Weldon V-MUX multiplexing system: 2 Screens (1) Drivers Side and (1) Officers Side. The apparatus shall be equipped with a Logic Controlled, Low-Voltage (12V) Electrical System compliant with the latest revision of the NFPA 1901 guideline. The V-Mux system must have B/U alarm control.					

	The system shall be capable of performing a total load management, load management sequencing, and load shedding via continuous monitoring of the low-voltage electrical system. In addition, the system shall be capable of switching loads (like operating as an emergency warning lamp flasher) eliminating the dependency on many archaic electrical components such as conventional flasher modules. The system shall also incorporate provisions for future expansion or modification. The low-voltage electrical system shall be designed to distribute the placement of electrical system hardware throughout the apparatus thereby enabling a smaller, optimized wire harness. The programmable, logic-controlled system shall eliminate redundant electrical hardware such as harnesses, circuit breakers, and separate electrical or interlock subsystems and associated electronics for controlling various electrical loads and inputs. As-built electrical system drawings and a vehicle-specific reference of I/O shall be furnished in the delivery manuals. These drawings shall show the electrical system broken down into separate functions, or small groups of related functions. Drawings shall depict circuit numbers, electrical components and connectors from beginning to end. If software is required to maintain or edit programming, then it shall be included.					

8.4.21 **BODY WIRING**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.21.1	The wiring harness shall be encased in a fabric or convoluted plastic loom in raceways in the body. The wiring / conduit shall not be visible inside the compartments where it may come in contact and damaged by equipment.					
8.4.21.2	All wiring shall be color coded and marked along the wires path.					
8.4.21.3	Two 12-volt USB receptacles and one 12V cigarette receptacle shall be mounted on the Officers side (three on the dash)					
8.4.21.4	LED marker lights and all reflectors shall conform to Provincial and Federal Motor Vehicle regulations.					
8.4.21.5	Terminal strips shall be provided in the pump house and body electrical system for each of trouble shooting electrical problems. A dialectic protective spray shall be used on the terminal strips as well as the battery terminals and any other exposed connections to help prevent corrosion. A minimum of four spare wires and circuit breakers are required for future installation.					State quantity and location of terminal strips complete with covers as well as spare wiring.
8.4.21.6	The pump shift shall be mounted in the cab convenient to the driver. Connected with the V-Mux system					

8.4.22 **BATTERIES**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.22.1	Sufficient batteries (minimum 625 CCA) shall be provided and shall be easily accessible for daily checks and maintenance.					State Number of Batteries: State Make & Model of Batteries:

8.4.23 **INTERIOR LIGHTS**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.23.1	The Chassis interior lighting shall include step lights at door locations with door activated switches.					
8.4.23.2	Red door activated lights shall also be provided on the lower inside of the four (4) doors.					
8.4.23.3	Six (6) ceiling mounted lights, with one (1) red and one (1) white lens in each light. Two-way switch on each light, one to control the red bulb, one to control the white bulb. Final located to be determined at pre-construction meeting.					One above each set.
8.4.23.4	A high-intensity Havis gooseneck style map light, c/w red and white bulbs shall be installed. Mounting location preferred at centre of cab, to be discussed at pre-construction meeting. The light shall be controlled by an integral switch on the light.					
8.4.23.5	Five (5) LED handheld pelican spotlights/flood lights model 9410L with charger shall be provided with one mounted on the cab dash in a location convenient for the officer and four in the back seating area.					
8.4.23.6	A door/cabinet/command light ajar warning system consisting of a red warning light for cab and provided in a conspicuous location for the driver. The light shall be clearly labeled.					

8.4.23.7	An audible alarm shall be provided to indicate any door/cabinet/command light ajar. This system shall be deactivated when the parking brakes are applied.					

8.4.24 **EXTERIOR LIGHTS**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.24.1	The cab exterior lighting shall include dual LED sealed headlights mounted in chrome bezels. There shall be LED clearance lights mounted on the lower portion of the truck body halfway down on both sides of the apparatus.					State Make & Model:
8.4.24.4	Whelen 600 series arrow guide LED turn signals should be provided, mounted in bright bezels above the headlight bezels.					
8.4.24.5	Two (2) rectangular warning lights shall be installed in chrome bezels above the headlights inboard of the turn signals. The two (2) lights shall be Whelen super LED 600 series red LED Programable style.					
8.4.24.6	The cab shall be fitted with a Whelen Ultra Freedom (8) LED 72" light bar. Exact light specs to be discussed at pre-construction meeting. There shall be (5) five LED cab marker lights located above windshield.					
8.4.24.7	Two (one each side) Whelen 500 super LED turn indicators in the rear wheel well area.					
8.4.24.8	Six (three each side) Whelen model 600 red LED flasher c/w chrome bezel above front and rear wheel well areas and in front lower side of cab above bumper.					

8.4.24.9	Whelen 600 series LED style red stop/tail, amber turn indicator and back-up lights, high intensity preferred shall be provided. The lights shall be mounted in integral raised polished aluminum bezels. (2) Whelen BG-T Red with lower amber LED on each side of apparatus rear. (2) Two Whelen 900 series scene lights near top facing rear.					
8.4.24.10	One Whelen Model #TAMF85AA super LED linear traffic advisory light mounted flush/recessed below hose bed. The control head shall be located in easy reach of the driver and officer.					
8.4.24.11	Four 12-volt Whelen 900 series clear LED scene lights, one high on each side of the cab. One each side mounted high at the middle of the body. Switches in cab for left side and right side. (4) 12” Amdor LED ground lights located (1) under each door. (2) 20” Amdor LED ground lights under pump house (1) each side (1) 40” Amdor LED ground light centered under beaver tail.					
8.4.24.12	Each non flip step on the truck shall have an LED ground light mounted under the step.					

8.4.24.13	Mobile Radio to be Kenwood model to be discussed at prebuild meeting. Radio frequencies and squelch tones to be programmed into radio. 100 Mile House Fire-Rescue Department to supply frequencies and squelch tones.					
8.4.24.14	Radio speaker to be mounted in the centre ceiling area of cab c/w an intercom system, Sigtronic 6 position headsets and push to talk system. To be discussed at preconstruction meeting.					

8.4.25 **WARNING DEVICES**

	DETAILED DESCRIPTION	**Comply**	**Not Comply**	**Exceeds Minimum YES/NO**	**Spec Page**	**Variation**
8.4.25.1	A Whelen 295 HFS series 200-watt siren, c/w microphone and P/A shall be installed in a location near the centre of the cab with the radio in a location convenient to both driver and officer.					
8.4.25.2	A back-up alarm rear of chassis adjustable level no less than 97 dBa activates when transmission placed in reverse.					

8.4.26 **110 VOLT ELECTRICAL SYSTEM**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.26.1	8000 W Hydraulic Generator location to be discussed.					State Make and Model:
8.4.26.2	The system must have breakers. The breaker box to be located in a compartment.					
8.4.26.3	A remote operated LED "Light tower" shall be provided. It shall be a Command Light c/w wired remote system to operate. Model to be discussed at preconstruction meeting					
8.4.26.4	Two (2) removable extends tripod lights Havis Magnatire LED mounted on the Beaver Tail. Exact model to be discussed at preconstruction meeting.					

8.4.27 **SEATS**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.27.1	Forward Cab – Two Full seats in total (seats cover material shall be easy to clean such as vinyl) The officer seat shall be Bostrom 450 Air100 RXABTS air ride seat with Secure All SCBA Locking system NOTE: FIRE DEPARTMENT USES SCOTT 4500 45 min. AIR PACKS. The driver seat shall be Sierra Defender A350 six-way adjustable air ride suspension with no SCBA storage.					Bostrom Seat:
8.4.27.2	Crew Cab – Four seats in total. The seats shall be full size. Bostrom 450CT Flip up/ABTS with Secure-All SCBA Locking System.					Bostrom Seat:
8.4.27.3	Two (2) rear facing outboard. Two (2) forward facing seats.					Bostrom Seat:

8.4.28 **SEAT BELTS:**

	DETAILED DESCRIPTION	Comply	Not comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.28.1	Automotive industry approved “hi vis” three-point seat belt with shoulder strap and automatic retractor shall be provided for all seating positions. All seatbelts shall buckle toward the centre of the cab with shoulder strap over the occupant’s outboard shoulder.					
8.4.28.2	All seat belts shall have large release buttons that can be released with a gloved hand.					

8.4.29 **CAB INTERIOR**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.29.1	The cab interior shall include an integrated engine tunnel constructed of 5052-H32 Marine Grade, 3/16" thick aluminum. The underside of the cab tunnel surrounding the engine and the underside of the entire cab floor shall be lined with multi-layer insulation. The insulation shall act as a noise barrier, absorbing noise thus keeping the decibel level in the cab well within NFPA recommendations. The cab shall have a HEPA filtration system for the cab. .					
8.4.29.2	A black durable vinyl type floor covering material with a slip resistant finish shall be provided. The floor covering shall have a closed cell acoustical foam backing. The cab entrance step well areas shall be covered with a 1/8" bright aluminum tread plate.					
8.4.29.3	The cab interior shall be painted with a mar-resistant finish; the color shall be determined at the pre-construction meeting. The cab interior shall have 6 On Scene helmet holders, mounting to be discussed at preconstruction meeting.					
8.4.29.4	The Chassis shall be equipped as standard with heater, windshield defroster, and air conditioner for the cab.					

8.4.30 **CAB EXTERIOR**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.30.1	Four stainless 18” grab rails shall be provided. The grab rails shall be located on each side of the front cab entrances. There shall be sufficient grab rails to safely enter and exit at each door.					
8.4.30.2	All steps shall exceed NFPA standard and shall be full width of the door with grip surface.					
8.4.30.3	Two 21” chrome plate stuttertone air horns shall be recess mounted in the front bumper face. Each air horn shall have independent air supply line to maximize sound output. (2) Air horn buttons will be provided (1) driver (1) officer.					

8.4.31 **MIRRORS**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.31.1	The cab shall be equipped with heated exterior mirrors. In addition, both the main mirror and wide-angle mirror both shall be remote controlled from the drivers seating position.					
8.4.31.2	Right hand down view mirror above officer’s window.					
8.4.31.3	Right hand mirror to extend. Extension to be determined at pre-build.					

8.4.32 **PUMP MODULE**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.32.1	Transverse pump panel with a stainless-steel face.					
8.4.32.2	Removable stainless access panels shall be provided around each side valve. Color to be determined					
8.4.32.3	There will be one 2 ½" pre-connect line and two each 1 ½" transverse pre-connect lines located as low as possible in front of dunnage area.					
8.4.32.4	All hose beds will be covered with 1/8" tread plate.					
8.4.32.5	Above item to c/w black vinyl tarp flaps to secure hose.					
8.4.32.6	All 2-1/2" discharge ports shall be equipped with 30-degree elbows in BC standard thread, cap and chain or cable. The forward 2.5 inch shall be extended 6 inches in length.					
8.4.32.7	Pump module shall include a pump heater and removable bottom heat shield.					

8.4.33 **PUMP:**

ALL COMPONENTS OF THE PUMPING SHALL BE OF NON-CORROSIVE PARTS

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.33.1	The chassis shall have a single stage Waterous CSU fire pump. The pump when installed by the builder shall be mounted at the proper angle and location supplied by the apparatus manufacture. Dynamically balanced drive lines shall be installed by the manufacturer between the pump transmission and the rear axle. It shall be a class A 1250 IGPM (5.678 Liters) at 150 PSI (10.3 bars) and shall meet ULC and NFPA 1901-1006 specifications. The pump shall flow: 100% of rated capacity @ 150/165 psi 70% of rated capacity @ 200psi 50% of rated capacity @ 250 psi Standard warranty on the pump					
8.4.33.2	The pump shall be painted the same color as the frame to eliminate rusting as to provide a clean easy service to the pump area.					

8.4.34 **PUMP SHIFT**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.34.1	The pump shift from road to pump shall be accomplished with an air actuated shift fork. A manual override shall be provided. An interlock system to prevent accidental engagement.					

8.4.35 **PRIMER**

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.35.1	A Trident air primer with auto primer 3 Barrel 4-Location w/Gauge (1.Auto Pump Prime, 2.Left, 3.Right, 4.Rear) shall be provided. #1 will be an automatic Electric Panel Switch and #2,3,4 will be Remote Priming Valves that are Manual Push Button Air Valve. They will be capable of priming the pump inlets and pump for drafting purposes and regular operations. The priming pump shall be controlled from the pump panel with an indicator light showing when the priming pump is engaged. The pump shall be capable of creating suction and discharging water from a min lift of 10' through 20' of appropriate size suction hose, in less than 30 seconds starting with a dry pump. It shall be capable of developing a vacuum of 22"hg at an altitude of 1000'.					

8.4.36 RELIEF SYSTEM

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.36.1	A thermal relief valve shall be provided. The valve shall automatically discharge pump water when the temperature inside the pump reaches 60 degrees C. A red indicating light shall illuminate when overheating.					
8.4.36.2	A fully adjustable auxiliary 21/2" relief valve will be provided on the underside of the pump as required.					

8.4.37 VALVES

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.37.1	All pump valves will be Akron valves.					
8.4.37.2	All Akron suction and discharge valves to be equipped with Akron style 57 quarter turn drain valves.					

8.4.38 SUCTIONS

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.38.1	On the right and left side pump panel, (2) 6" drop suctions Monarch internal butterfly with electric controls and built-in pressure relief valve, 4" Storz connection to fit Angus and Key fire hose.					
8.4.38.2	(3) – 2.5" suction ports shall also be provided, one on left side of truck, two on right, with valve screen and chrome cap. These valves are to be manually operated.					
8.4.38.3	One 4" Tank suction with 3" valve shall be supplied complete with a swing check valve.					

8.4.39 DISCHARGES

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.39.1	Two 2 ½" left discharge outlets will be supplied. Full 2 ½" galvanized plumbing will be provided from the fire pump to the left side of the pump panel and will terminate in a chrome plated 30 degree drop port and cap with chain or cable. The forward drop port to be extended 6 inches. The valves will be controlled from the pump control panel.					
8.4.39.2	One right side 4", (supplied with 3" plumbing) Storz c/w reducer to a 2-1/2" male thread complete with cap. The valves will be controlled from the pump control panel.					
8.4.39.3	(1) 2 ½" right discharge with full 2 ½" galvanized plumbing					

	will be provided from the fire pump to the right side of the pump panel and will terminate in a chrome plated 30 degree drop port and cap with chain. The valves will be controlled from the pump control panel.					
8.4.39.4	Second 3" suction line for air primer to be located at rear of truck. To be discussed at preconstruction.					
8.4.39.5	2" Tank fill 4" Stortz fill to tank at the rear of the truck operated from the pump operator's station					
8.4.39.6	Two 1-1/2" bulkhead discharges for transverse pre-connected lines located as low as possible by the pump panel. The pre-connect bed width shall be 3-1/4" (inside of dividers). Discussion at pre-production for final location.					
8.4.39.7	All 4" Storz caps must be locking type. No Exception. All 3" or better valves shall be of slow close (NFPA Standard).					

PUMP PANEL

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.40.1	The pump panel shall be top mounted. All gauges shall be psi and gpm dominant. Pump panel will include Amdor LED strip lighting. - Manual valves except for the master intake - In control pressure governor - Primer pump control - Pump cooler valve - Engine cooler valve - Tachometer - Voltmeter - ULC test port - Pump tachometer outlet - LED Tank level gauge - Pressure gauge psi/kpa - Compound gauge psi/kpa - PSG control - LED style engine temperature and oil pressure gauge - Warning bell or buzzer and indicator lights for low oil pressure and high-water temperature - Tested, Labeled and Listed by ULC - Engraved labels for all controls and gauges - Color coding must be provided around the controls. - Fuel gauge - Air horn Control button - Pump heater control					

8.4.40 BODY

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.41.1	The body may be a combination of extrusions and formed design constructed of minimum extruded rub rails.					Specify width of body:
8.4.41.2	The vertical face rear of the cab shall be painted yellow and covered with aluminum checker plate.					
8.4.41.3	Stainless steel trim shall be provided on the bottom of compartment door openings to prevent damage to the paint.					
8.4.41.4	Rear wheel wells shall be equipped with compatible metal fenderettes and heavy-duty rubber mud flaps behind the wheels.					
8.4.41.5	The rear step above the B1 compartment under the hose bed shall be a minimum of 8” deep and full width across the rear between the beaver tails.					
8.4.41.6	Adequate steps shall be provided on the rear of the body to allow access to the main hose bed.					
8.4.41.7	All empty space shall be utilized. No dead space in body					

8.4.41 COMPARTMENT CONSTRUCTION

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.42.1	The tops of the side compartments shall be provided as a tread plate walking surface with the outside edge bent to form a drip rail. All compartments shall have Amdor roll up doors.					
8.4.42.2	All compartments shall be "Sweep Out" design. All compartments shall have LED track lighting located inside the front corners of the compartments from top to bottom.					
8.4.42.3	There will be two wheel chocks. Location to be determined.					
8.4.42.4	All side body compartment doors will be Amdor roll up doors c/w splash pans and drip pans on all compartment doors.					

8.4.42 COMPARTMENT LAYOUT:

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.43.1	LEFT SIDE **All compartment shelving to be determined at pre-build.**					
8.4.43.1.1	One compartment (L1) will be supplied ahead of the rear wheels, measuring approximately 35" wide by 66" high. (2) Two adjustable shelves.					
8.4.43.1.2	One Compartment (L2) above the wheel well area approximately 54" wide.					

8.4.43.1.3	One compartment (L3) will be supplied behind the rear wheels, measuring approximately 48” wide by 66” high. (1) One 200lb capacity roll out tray that extends 100% and (1) one adjustable shelf.					
8.4.43.1.4	There will be storage for (20) twenty SCBA bottles on the apparatus Location to be determined at preconstruction.					
8.4.43.2	RIGHT SIDE **All compartment shelving to be determined at preconstruction.**					
8.4.43.2.1	One compartment (R1) will be supplied ahead of the rear wheels, measuring approximately 34” wide by 34” high with two adjustable shelve in cabinet.					
8.4.43.2.2	R2 & R3 will be above rear wheels on either side of hydraulic ladder rack with (1) one adjustable shelf. Ladder rack options may permit different compartment configurations.					
8.4.43.2.3	One compartment (R4) will be supplied behind the rear wheels, measuring approximately 48” wide by 34” high. This compartment will have one 200 lbs. capacity min roll out tray at the bottom that shall extend 100% and one adjustable shelf toward the top of the					

	compartment.					
8.4.43.3	The rear compartment (B1) shall be approximately 42” wide by 27” high and 24” deep c/w box pan style door. This compartment will have one 200 lbs. capacity min. roll out tray at the bottom that shall extend 100% and one adjustable shelf toward the top of the compartment.					

8.4.43 HANDRAILS & TAILBOARD

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.44.1	Handrails shall be provided, down each beaver tail, across the rear of the body just below the main hose bed.					
8.4.44.2	The tailboard shall be approximately 26" deep at the deepest portion of the tailboard. The depth will be approximately 12" deep behind the side compartments.					
8.4.44.3	Angle of departure: Minimum 8 degrees					State:

8.4.44 WATER TANK

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.45.1	A "T" shaped, 1000-gallon polypropylene tank shall be provided. The tank shall be constructed of extruded, high-impact resistant, U.V. stabilized, stress relieved polypropylene with removable top.					
8.4.45.2	The dimensions of the tank shall be engineered to keep the hose bed as low as possible and shall include the 40-gallon foam tank required for the Foam system.					
8.4.45.3	The water fill tower shall be constructed of .5 polypropylene c/w a hinged lid. It shall reach top of apparatus and located toward the left side. The floor of the fill					

	tower shall be a perforated sheet (removable-type screen), to prevent small objects from falling into the tank. The fill tower shall be mounted to allow air to escape while filling.					
8.4.45.4	The tank shall be certified to comply with NFPA 1901, prior to shipment to the truck manufacturer's facility. A testing certificate shall be provided by an independent testing agency, other than the tank manufacturer.					
8.4.45.5	The tank shall have a Lifetime Warranty. A copy of the tank warranty shall be provided with the proposal. All warranty work shall be done in 100 Mile House.					
8.4.45.6	An LED water level indicator must be supplied and mounted on the pump panel and each side of upper cab by rear doors Recessed into the cab, only operate when truck is in neutral and park brake applied.					State Type and Make:

8.4.45 MAIN HOSE BED

	DETAILED DESCRIPTION	Comply	Not comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.46.1	The main hose bed shall be located over the water tank and shall comply with ULC S515 regulations. The hose bed will be approximately 69" wide.					
8.4.46.2	The hose bed shall also include two removable and adjustable dividers.					
8.4.46.3	The dividers shall be arranged to provide storage for the following quantities of hose starting from the lefty side of the hose bed: - 800' of 2 ½ hose (accordion) approximately 25" wide - One 200', 2 ½ hose (flat lay) approximately 4.5" wide. - 1000' of 4" LDH (flat lay) approximately 32.5" wide.					
8.4.46.4	It shall be complete with drain tile inlays to allow drainage and air circulation around the hose.					
8.4.46.5	There shall be no sharp edges or protruding bolt heads that could result in personal injury or damage to hose while being loaded or unloaded.					

8.4.46 LADDER STORAGE & PIKE POLES

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.47.1	Ladder controls will be on pump panel and at rear of apparatus.					
8.4.47.2	Will hold a 35' extension, 24' extension and a 14' roof ladder that meets NFPA and shall accommodate two (2) 6"x 10" hard suction supplied by the vendor. Rack will also have a 10' attic ladder and (1) one 12' pike pole and (1) one 5' pike pole also supplied by the vendor. The ladder rack will lower ladders and hard suction lines down to an ergonomically sound position (no higher than chest height) Bottom of ladder facing ground to be no more than 40" from ground. The ground ladders shall be stored on a hydraulic equipment rack with brackets located above the right rear compartments of the apparatus body. The equipment rack shall be operated hydraulically, using two (2) arms at the front and rear, for easy removal and reloading. The equipment rack shall be painted the same color as the apparatus body and shall include two (2) places for pike pole storage. The right-side compartments shall still be accessible when the equipment rack is either in the up or down position. When in the full up position, the mechanism shall be fully retracted into the apparatus body and shall be flush with the right side of the body.					

	Pilot operated check valves shall be installed in the hydraulic system to lock the rack in the stored position by maintaining pressure on the cylinder. A control switch shall be located on the right side of the body to allow viewing of the equipment rack when operating. The rack shall be wired to the park brake switch and only operate when the park brake in engaged. There shall be a master shut off switch and a flashing indicator light located on the dash to warn the driver when the equipment rack is in the down position or in motion when the park brake is released. The warning light shall be operative regardless of the position of the master switch. Reflective striping shall be applied to the ladder rack that readily indicates a hazard or obstruction to personnel. Two (2) warning LEDs shall be affixed to the front and rear of the equipment rack. These lights shall be energized anytime the equipment rack is out of its full stored position. There shall be a shield enclosure installed on the hydraulic ladder rack. The shield shall protect the lifting mechanism when in the up and stored position. The cover shall extend from the front of the ladders to the rearward edge of the body compartments. This enclosure shall encompass the ladders and be painted the same as the apparatus body. This rack shall provide a quick method of removing and reinstalling ladders. Preferable style to include a quick release to loosen and unhook the retaining straps and a ratchet style mechanism to easily and					

	securely fasten the ladders back into place. The bracket shall allow a sectional ladder to still be clamped into position when the roof ladder has been removed. **State:** ladder and equipment rack options or recommended relocation area for ladders to achieve height requirements.					

8.4.47 PAINT, FINISH AND LETTERING

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.48.1	All painted surfaces shall be thoroughly sanded, cleaned and phosphatized in preparation for painting.					
8.4.48.2	The chassis shall be sanded and finish painted before mounting of body to assure full coverage of paint to all cab and body surfaces. Cab and body color will be two tone black over yellow. Color and codes will be finalized at pre-production meeting.					
8.4.48.3	All removable items, i.e.: brackets, lights, mirrors, etc. shall be painted separately or removed to insure finish paint behind mounted items. Body components that cannot be finish painted upon assemble shall be finished before assembly.					
8.4.48.4	The interior of the compartments shall be painted gray.					
8.4.48.5	Reflective decaling will be to 100 Mile House Fire-Rescue spec with a 3M reflective white stripe bordered with ¼" black boarder on both sides. Exact specifics will be provided and discussed at pre-production meeting.					
8.4.48.6	It shall include: - 3 ½" Gold "100 Mile House Fire-Rescue" with a black drop shadow					

	on both front doors. - 3 ½" Gold with black drop shadow "ENGINE 11" on rear doors. - Gold with black drop shadow "Engine 11" to be located above the grill area (size dependant on make of chassis and will be discussed at pre-production meeting). - A red/fluorescent yellow 3M diamond grade chevron will cover smooth front surface of front bumper and interior of cab doors.					
8.4.48.7	A red/fluorescent yellow 3M diamond grade reflective chevron will cover the rear of the apparatus smooth surface area. To be determined at pre-build.					

8.4.48 FOAM SYSTEM

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.49.1	A Foam Pro 2001 (single) class A foam system c/w a 40-gallon foam tank and compatible PTO hydraulic pump and LED level gauge (mounted at the pump panel)					
8.4.49.2	The foam system shall be connected in order to supply foam to the following discharges. and shall have the capability of either foam or water: • One (1) Front bumper 2½" discharge • Two (2) Transverse1½" Cross-lay discharges • One (1) transverse 2½" discharge					
8.4.49.3	The system shall be designed so it can be flushed completely with fresh water without any disassembly.					

8.4.49 ADDITIONAL EQUIPMENT

	DETAILED DESCRIPTION	Comply	Not Comply	Exceeds Minimum YES/NO	Spec Page	Variation
8.4.50.1	Two (2) Akron SSMB wrench sets shall be supplied and mounted one on each side of pump panel.					
8.4.50.2	One (1) Duo-Safety #1225-A 3-Section 35' Ladder					
8.4.50.3	One (1) Duo-Safety #775A 14' roof ladder.					
8.4.50.4	One (1) Duo-Safety #585 A 10' folding ladder.					
8.4.50.5	One (1) Akron #PP-8 fiberglass pike pole.					
8.4.50.6	One (1) Akron #PP-10 fiberglass pike pole.					
8.4.50.7	Two (2) 5' Akron #PP-5D-DWH gripper pike pole with drywall hook and d ring.					
8.4.50.8	Two (2) Hasbra HB310 large wheel chocks.					
8.4.50.9	One (1) General Model C-15RH CO2 extinguisher c/w mounting bracket.					
8.4.50.10	Hard Suction and Strainer as per CAN/ULC-S515-04 requirement.					
8.4.50.11	One (1) General 20-					

	pound multi-purpose ABC dry chemical extinguisher c/w mounting bracket.					
8.4.50.12	(2) Two flathead fiberglass fire axes and brackets mounted at rear step.					
8.4.50.13	On spot chains, operated by driver mounted on rear axle					
8.4.50.14	Front and rear cameras to be seen in operator's area and at the pump operator's station					
8.4.50.15	All compartments to have Turtle Tile black in color					
8.4.50.16	Extra air bottle compartments to be install at rear wheels c/w locking SS cover					
8.4.50.17	Truck must have a "winter package" installed such as heated skid guard, insulated skid guard for pump etc.					
8.4.50.18	Winter style windshield wipers					
8.4.50.19	Water bottle storage in cab of truck					
8.4.50.20	Garbage bin in cab of truck					
8.4.50.21	First Responders Cabinet, to be discussed at pre-con meeting					
8.4.50.22	Cabinet for min. 10 extra air cylinders					
8.4.50.23	5' chisel end prybar mounted in tail board area above rear door					
8.4.50.24	Blue tooth head set for pump operator Sigtronic single ear type compatible to truck system					
8.4.50.25	Kussmaul auto eject system for air and electrical system mounted on drivers' side of truck near driver's door					
8.4.50.26	Auto wind electrical cord system mounted in truck compartment to be discussed at pre-con meeting					

8.4.50.27	Spare filters for truck for the first “D” service and belts. All manuals to be included for truck					
8.4.50.28	Hot water decon system to be installed, location to be discussed at pre-con meeting					
8.4.50.29	10 lengths of 50’ sections of 4” stortz hose					
8.4.50.30	5 lengths of 100’ sections of 4” stortz hose					
8.4.50.31	Combination step ladder, storage to be discussed at pre-con meeting					
8.4.50.32	Four (4) 1 ¾ fog nozzles colors to be determined					
8.4.50.33	Two (2) 2 ½ Fog nozzles colors to be determined					
8.4.50.34	14 rolls of 1 ¾ x 50’ hose					
8.4.50.35	20 rolls of 2 ½ x 50’ hose					
8.4.50.36	Electric LED wireless remote-controlled spotlight mounted on roof of truck					
8.4.50.37	Five (5) Pelican lights and charging units to be supplied to be installed					
8.4.50.38	Power windows at each door plus all controls at driver’s door					
8.4.50.39	Three (3) Scott T.I.C. cameras and operational charging units supplied.					
8.4.50.40	All wireless controlled devices installed on truck MUST have a spare unit supplied and MUST be permanently labelled to which device it controls					
8.4.50.41	All Devices that are remotely controlled MUST have a trouble shooting guide supplied with the truck.					
8.4.50.42	Rear of truck from tailboard to hose bed there shall be a permanent ladder supplied.					
8.4.50.43	**Power Operated Hose Bed Doors operated by V-MUX system** The hose bed storage area shall be covered with two (2) hinged, hydraulically operated aluminum doors. The doors shall be hinged					State Details:

	on the outside using full length stainless-steel piano style hinges. The doors shall lift upward and outward to the outside of the apparatus body. The doors shall be constructed in two (2) layers. The interior shall be fabricated with 1/8” aluminum sheet for superior strength and the exterior shall be constructed of anti-slip aluminum tread plate. The hose bed doors shall be powered utilizing a self-contained hydraulic system. The hydraulic system shall smoothly power the doors upwards and firmly hold in position while loading hose. The system shall also smoothly operate the doors closed and seal while in transport mode. The hydraulic system shall be designed to operate only one door at a time in a predetermined factory sequence. Mechanical locks are not required in order to avoid possible injury from accidental closing but should include a manual override in case of hydraulic or power failure. The hose bed doors shall be opened and closed using two (2) hydraulic cylinders located in the front of the storage area. These cylinders shall lower into a secluded compartment separate from the hose storage area as to not hinder the hose deployment. The cylinder pins attached to the doors shall be designed to be removable with the doors in the closed position without having to climb inside the hose bed area. A self-contained switch shall be utilized to raise and lower the cover doors. The switch shall be located at the rear in a convenient					

	location allowing the operator to view the door operation while controlling from ground level. The switch shall be the momentary type switch that requires the operator to hold the switch until the desired movement of the doors are achieved. The hydraulic system shall be interlocked with the park brake and shall only operate when it is applied. The doors shall be connected to the door ajar warning system to indicate whenever the doors are not fully closed. An audible alarm shall be located near the front of the hose bed and should sound to warn door movement is occurring. Two (2) 4" LED round clear lights shall be recessed within each door panel and shall be lit whenever the doors are open. There shall be one (1) additional LED loading light provided in the top of the front bulkhead of the hose bed. This light shall be controlled by a switch above the rear tail board bezel on the left side. This light shall automatically be deactivated whenever the park brake is released. **State: Any optional systems or remote controls available:** **Shop Note:** The hose bed doors shall cover the entire upper hatch compartment. Interlocking system for ladder control system to be supplied.					
	One 3" monitor discharge shall be provided above the					

	pump house in the middle c/w drains. The flange will be compatible with the specified monitor. **Deck Gun** There shall be one (1) electric deck gun with a four bolt flange provided on the apparatus. The deck gun shall be remotely controlled, electrically actuated 1250 GPM monitor with a wireless radio link control system. There shall be one (1) wireless fixed panel mount remote control system and one (1) battery powered (AA) wireless handheld remote controller. The controllers shall have the following programmable features: • Stow position • Left oscillation travel stop. • Right oscillation travel stop. The oscillation function shall be rapidly programmable in the field from either controller. Horizontal motors shall have automatic two speed operation for quick positioning and accurate aiming at distant targets. The deck gun shall be equipped with a stream shaper. There shall be one (1) master stream nozzle with 2½" NH thread swivel base. The nozzle shall have a heat-treated stainless-steel spring mechanism, which reacts automatically to water flow and delivers effectively thru flow ranges from 300-1250 GPM. The nozzle shall be rated at an operating pressure of 75psi. The stream shaper and stacked tips shall be included with the monitor. The riser for the deck gun shall terminate 3" NPT.					
8.4.50.44						

	Note Monitor must be able to retract. **State:** Make and Model:					

8.4.50 ADDITIONAL EQUIPMENT

The above list of additional equipment is to be added to the total proposed price. All, any, or none of the items may be awarded.

9. PROPONENT RESPONSE

Evaluation of proposals is made easier when Proponents respond in a similar manner. The following format and sequence should be followed in order to provide consistency in Proponent response and ensure each proposal receives full consideration. All pages should be consecutively numbered.

a) Title Page, showing Request for Proposal Number, Proponent's name and address, Proponent's telephone number, and a contact person.

b) One page letter on introduction signed by the person or persons authorized to sign on behalf of, and bind the Proponent to, statements made in the proposal.

c) Table of contents including page numbers.

d) A short (one or two page) summary of the key features of the proposal.

e) The body of the proposal, including all proposal requirements outlined in Section 9.3.

f) Pricing

g) Payment terms

h) Delivery Schedule

i) Certification Document

j) Any additional information

10. PROPONENT CHECKLIST

This checklist has been provided solely for the convenience of the Proponent. Its use is not mandatory and it does not have to be returned with the proposal.

- ❑ The requirements of the Request for Proposal have been read and understood. by everyone involved in putting together the proposal.
- ❑ The proposal addresses everything asked for in the Request for Proposal.
- ❑ The proposal clearly indentifies the Proponent, the project, and the Request for Proposal number.
- ❑ The Proponent's name and the Request for Proposal number appears on the proposal envelope.
- ❑ The Certification Document has been completed as specified.
- ❑ The appropriate number of copies of the proposal have been made. (Proposals without the correct number of copies may be rejected.)
- ❑ Every care has been taken to make sure the proposals are at the closing location in plenty of time, as late proposals will be rejected.
- ❑ The proposal is being delivered by hand, courier, or mail, as faxed proposals are not accepted.

11. RECEIPT CONFIRMATION FORM

RFP – FIRE ENGINE
REQUEST FOR PROPOSAL

To receive any further information about this Request for Proposal please return this form immediately to:

District of 100 Mile House
385 South Birch Avenue
100 Mile House, B.C. V0K 2E0
fax: (250) 395-3625
Email: rhollander@100milehouse.com

COMPANY: _____

STREET ADDRESS: _____

CITY: _____ POSTAL CODE: _____

MAILING ADDRESS IF DIFFERENT: _____

FAX NUMBER: ( ) _____ PHONE NUMBER: ( ) _____

CONTACT PERSON: _____

E-MAIL ADDRESS: _____

Unless it can be sent by fax, please send further correspondence about this Request for Proposal by:

- ❑ **Courier collect:** courier name and account no. _____
- ❑ **Mail**

Signature: _____ Title: _____

12. District of 100 Mile House
Fire Engine

Certification Document

Certification:

We have carefully read and examined the RFP document and have conducted such other investigations as were prudent and reasonable in preparing this response.

We certify that the statements made in this response are true and complete. These statements and prices as bid represent our response to the District of 100 Mile House. We agree to be bound by statements and representations made in this response and to any agreement resulting from this response.

We hereby agree that this RFP response may only be withdrawn by written notice delivered to the office of the Administrator prior to the time set for the opening of tenders. We agree that the RFP response attached hereto shall be irrevocable by us for a period of sixty (60) days after the date of the opening of the RFP.

Print Company Name and Address:

_____

_____

_____

Print Name and Title of Authorized Signing Officers:

_____

_____

Signature of Authorized Signing Officer: _____

Telephone Number: _____ Fax Number: _____

E-mail address: _____

Acknowledgement of Addenda

We acknowledge receipt of the following addenda which become part of this RFP:

ADDENDUM # _____

ADDENDUM # _____

ADDENDUM # _____

ADDENDUM # _____

Signed this _____ day of _____, 20 _____

Appendix A – Pricing Schedule

PRICE FOR BASE TRUCK (all minimum requirements met)	
Price	$
Discount(s) State where available	$
Environmental Fee – Battery	$
Environmental Fee – Tires	$
Site Visits	$
Additional Equipment	$
PST	$
GST	$
Total Price FOB District of 100 Mile House Fire-Rescue Department	$

The "base price" plus "additional equipment items" (if any, selected at the sole discretion of the District based on budget availability, will be used for the purpose of comparing bids.