

Horton Township



HORTON FIRE DEPARTMENT

2253 Johnston Road
RR#5 Renfrew, Ont.
K7V 3Z8
613-432-6271 Ext. 106

REQUEST FOR QUOTATION FOR Triple Combination Pumper

RFQ FIRE 2017-01 CLOSING: Friday, August 18, 2017 AT 2:00PM Local Time

Receipt Location
Township of Horton – Fire Department
Attention Suzanne Klatt- CAO/Clerk
c/o Fire Chief Randy Corbin
Horton Fire Department
2253 Johnston Road
Renfrew, ON
K7V 3Z8

Request for Quotation received late may not be accepted.
REQUEST FOR QUOTATION
PUMPER / RESCUE FIRE APPARATUS

Sealed Quotations for Project Triple Combination Pumper may be received by:

Suzanne Klatt-CAO/Clerk
c/o Randy Corbin – Fire Chief Horton Fire Department
2253 Johnston Rd
Horton, On
K7V 3Z8

In a sealed envelope marked “RFQ FIRE 2017-01 **Triple Combination Pumper**” with Quotation documents by **2:00 PM local time on August 18, 2017**. No electronic submission may be accepted. Quotations received later than the specified closing date and time may not be accepted.

1. OVERVIEW AND SCOPE OF WORK

The Township of Horton and the Horton Fire Department are calling for complete Quotations from qualified bidders to supply and deliver a Triple Combination Pumper. Herein after, the Township of Horton and the Horton Fire Department may be referred to as the municipality.

2. Information for Bidders

1. Each bid shall contain the full name of the party or parties bidding and the signature of the parties bidding shall be in their respective handwriting.

2. Bidders are solely responsible for any expenses they incur in preparing the Quotation and for subsequent negotiations with the Municipality, if any. If the Municipality elects to reject any or all Quotations or cancel the request for any Quotation at any time the Municipality may not be liable to any bidder for any claims, whether for costs or damages incurred by the bidder in preparing the Quotation, loss of anticipated profit in connection with any final Contract, or any other matter whatsoever.

3. A bidder may withdraw a submitted Quotation at any time up to the official closing time by letter bearing the signature of a senior official to the designated recipient of the Quotation to which the request for withdraw applies. The withdrawn Quotation shall be returned unopened to the bidder.

4. A bidder who has already submitted a Quotation may submit a further Quotation at any time up to the official closing time. The last Quotation received shall supersede and invalidate all Quotations previously submitted by the bidder as it applies to this request Quotation.

5. In the event that only one (1) Quotation is received at the closing time and it is an acceptable Quotation it may be referred to Council for consideration.

6. All changes to or clarification of the terms, conditions or specifications required before Quotation closing may be issued by Randy Corbin Fire Chief – Horton Fire Department in the form of a written addendum. If addenda are issued, their receipt must be acknowledged by the bidders in the appropriate section of the Form of Quotation. Changes to a Quotation can be issued up to five(5)business working day prior to the Quotation closing.

Publicly advertised Requests for Quotation may be posted on the Municipality’s website and Bidders are required to check the municipal website. All addenda for publicly advertised Requests for Quotation may be posted on the Municipality’s website and Bidders are required to check the municipal website.

7. Each bidder must thoroughly examine all documents as well as make his own estimate for the Quotation work before submitting a bid and must satisfy him/her by personal examinations as to the local conditions to be met while completing the specified work. A bidder is not to claim any time after the submission of his bid that there was any misunderstanding of the terms and conditions of the Contract. Any questions a bidder may have are to be directed in writing to Randy Corbin-Fire Chief – Horton Fire Department by fax to 1-613-432-3658 or email to firechief@hortontownship.ca. Responses will be in writing to the fax/email provided with your written request.

8. Quotations are to remain firm for acceptance for a period of ninety (90) days from the date of opening of the quotation unless otherwise stated.

9. Three(3) copies of the bid document must be provided for the review committee.

10. All prices shall be stated in **Canadian** funds. Prices must also be inclusive of customs, duty and freight and should be identified separately.

11. Examples of instances where a bid shall be rejected as unacceptable are:

1. Bids received late.
2. Unsealed envelope.
3. No bid security or agreement to bond, where required.
4. Deposit cheque not submitted, where required.
5. All required sections of bid document not completed.
6. Failure to execute Agreement to Bond or Bonding Company corporate seal or signature missing from the Agreement to Bond.
7. Failure to execute Bid Bond by bidder and Bonding Company.
8. Failure to provide a letter of agreement to bond where required.
9. Failure to acknowledge receipt of addenda.
10. Bids not completed in ink, type written or automated printers.
11. Incomplete, illegible or obscure bids.
12. Bids that contain additions not called for by the Municipality.
13. Failure to attend mandatory site visit when required.
14. Bids received on document other than those provided or requested in the Quotation, if applicable.
15. Pricing or signature pages missing.
16. Documents in which all addenda have not been acknowledged.
17. Bids received in envelopes other than the envelopes supplied or improper label used, unless Quotation can be properly identified without opening envelope.
18. Failure to insert the bidder's business name in the spaces provided in.
19. Failure to include signature of the person authorized to bind the bidder in the space provided on the Quotation.
20. Conditions placed by bidder on the total contract price.
21. Qualified bids, unless the qualifications or restrictions is not significant and does not affect the total price at the discretion of the Fire Chief and CAO/Clerk
22. Corporate seal and signature missing
23. Pages requiring completion of information by the bidder is missing
24. Any other irregularity to be dealt with at the discretion of the Fire Chief and CAO/Clerk or Council.
25. Bidders must make themselves aware of the Municipality's Procurement By-Law 2016-25 which is located on its website at <http://www.hortontownship.ca/>

AGREEMENT
FOR REQUEST FOR PROPOSAL
FOR TRIPLE COMBINATION PUMPER

Agreement dated the ____ day of ____ 2017

-BETWEEN-

THE CORPORATION OF THE TOWNSHIP OF HORTON

Hereinafter called the Municipality

THE PARTY OF THE FIRST PART

-AND-

Hereinafter called the Bidder

THE PARTY OF THE SECOND PART

WHEREAS the Municipality intends to
Request for proposal for a triple combination pumper
Hereinafter called the

NOW THEREFORE WITNESSETH that in consideration of the covenants contained herein,
the Municipality and the Bidder mutually agree as follows:

BIDDERS AGREEMENT
Request for Proposal for Triple Combination Pumper

ARTICLE 1- GENERAL TERMS AND CONDITIONS

The following general terms and conditions apply;

1. EXTENT:

The Bidder shall be liable for all cost of doing the work, including, but not limited to, labour, benefits, operating material, permits and taxes and the provision of the following documents as required.

2. INDEMNIFICATION:

The successful bidder shall indemnify and hold the Municipality harmless from and against any liability, loss, claims, demands, cost and expenses, including legal fees occasioned wholly or in part by any acts or omissions either in negligence or nuisance whether willful or otherwise by the successful bidder, its agents, officers, employees or other persons from whom the successful bidder is legally responsible.

3. PATENTS AND COPYRIGHTS:

The Bidder shall indemnify and save harmless the Municipality from all and every claim for damages, royalties or fees for the infringement of any patented invention, trademark or copyright occasioned by him/her in connection with work done or material furnished by him/her under this Contract.

4. MUNICIPAL FREEDOM OF INFORMATION AND PROTECTION OF PRIVACY ACT (MFIPPA):

In accordance with the Municipal freedom of Information and Protection of Privacy Act, as amended, personal information Bidders provide is being collected under the authority of the Municipal Act and may be used in the selection process. All bids submitted become the property of the Township of Horton. Because of MFIPPA, bidders are reminded to identify in their material any specific scientific, technical, commercial, proprietary, or similar confidential information, the disclosure of which could cause the injury. Complete bids are not to be identified as confidential.

5. INSPECTION AND TESTING:

The Municipality and/or its representatives shall at all times have access to the work, whether it is the preparation or progress, and the general Bidder shall provide proper facilities for such access and inspection.

6. Completion Date Penalties

All damage, loss, expense and delay incurred or experienced by the Bidder in the execution of the work, by reason of unanticipated difficulties shall be borne by the Bidder and shall not be the subject of a claim for additional compensation.

7. ASSIGNMENT:

The Bidder shall not assign the Contract nor proceed without written consent of the Municipality.

8. TAKING THE WORK OUT OF THE BIDDER'S HANDS:

Where the Bidder becomes bankrupt or insolvent, delays commencing or diligently executing the work, abandons the work or otherwise fails to perform any of the provisions of the Contract, the Municipality may, without previous notice and without process or suit at law, take the work out of the hands of the Bidder and have it completed by whatever means are considered necessary. In addition to any other remedy available in law or equity, the Municipality may use monies due on the Contract to correct or complete the work.

9. NO ADDITIONAL PAYMENT FOR INCREASED COSTS:

The amount payable to the Bidder under the Contract may not be increased by reason of any increase in cost of the work brought about by any increase in the cost of the plant, equipment, labour or materials.

10. TERMINATION:

The Township of Horton reserves the right to cancel this agreement upon any violation of the agreement or the quality of work.

11. QUOTATION OPENING:

Quotations may be opened by the Quotation opening committee on August 18, 2017 at 2:30p.m. in the Council Chambers, located at 2253 Johnston Rd, Renfrew Ontario, K7V 3Z8, Horton Township

12. EVALUATION & SELECTION:

The evaluation process described in this section may be applied to Quotations which have not been returned or disqualified. The objective of the evaluation is to identify Quotations which satisfy the requirements described in the RFQ FIRE 2017-01, that meet the Scope and Specification requirements of the Horton Fire Department for the proposed fire apparatus, and that provide the best overall value for The Horton Fire Department.

The steps in the evaluation of Quotations are as follows:

- a) Review for compliance with Mandatory requirements.
- b) Review of Evaluation criteria points.
- c) Reference checks

The conduct of evaluations pursuant to this Section 12 shall in no way restrict the rights of The Horton Fire Department under other Sections of this RFQ FIRE 2017-01.

Evaluation – Points Allocation

Evaluation Criteria

	Rating	Points
Completeness of Quotation		
Completeness of Quotation as required by all Sections and Schedules of the RFQ FIRE 2017-01		5
Specifications.		
Compliance with all requirements Schedule "A" technical specifications. Included in this is the requirement for Bidder responses to all components as Schedule "A". The Fire Department may do an evaluation of suitability of the proposed Apparatus based on the Bidders responses in Schedule "A"		70
Warranty and Service		
Extent and terms of Warranty and post delivery service from Schedule " I "		
Warranty		10
Suitability of Bidders		
Acceptability of the Bidders production, delivery, acceptance testing, and training as described in described in Schedule "H" Delivery/Implementation Plan.		10
Service and Support.		
Location, operation hours and availability		
Schedule " G"		5
TOTAL		5

Quotation Disqualifications

Bidders objections made to the RFQ FIRE 2017-01 Terms and Condition, material objection to any part of a Schedule, failure to complete forms and Schedules as required, significant negative references



Disqualified

13. AWARD:

Consideration for award shall only be undertaken in relation to bidders who are determined by the Ad Hoc Fire Committee to have satisfied all the requirements following recommendations from the Fire Chief.

The acceptance and award of the Quotation and execution of an agreement, contract or purchase order is subject to payment terms and conditions in writing that are acceptable to the Fire Chief in charge of the project, and approval by Council through budget process or as otherwise directed by Council.

The lowest or any bid may not necessarily be accepted. The Municipality reserves the right to accept or reject any or all Quotations, to award the contract on a split-order basis, lump sum basis, or individual- item basis or such combination as shall best serve the interest of the Municipality in the opinion of the Fire Chief and the Chief Administration Officer, unless otherwise stated. The award is not based solely on price but a combination of past performance with the Municipality, if applicable, satisfactory references check and price, amongst other things.

The Municipality may reject any Bidder who is involved in litigation with the Municipality, its elected or appointed officers and employees in relation to any contracts or services, or any matter arising from the Municipality's exercise of its powers, duties or functions.

14. PAYMENT AND DELIVERY:

The Fire Apparatus shall be delivered to the Fire Station at 2253 Johnston Rd Renfrew On K7V 3Z8 to which it is assigned in the Horton Fire Department by a qualified and responsible representative of the selected Bidder. All expenses incurred in the delivery of the apparatus shall be borne by the Bidder.

The Municipality may not accept responsibility for the apparatus until it is delivered to the Municipality and final payment shall not be made until after final inspection of all components and equipment has been completed. *It is the responsibility of the bidder to indicate in Schedule H if there is an expectation that progress payment will be a requirement. When requested by the Municipality, the Bidder shall provide the municipality with a written report on timelines and delivery.*

15. OPERATING INSTRUCTION:

A qualified and responsible representative of the Bidder shall provide instructions to the fire department representatives in proper care, operation and maintenance of the apparatus. A minimum of one (1) eight hour (8) day of operational training shall be provided. Scheduling of such training is to be determined and agreed upon by the Fire Chief.

Following agents of the Bidder and the Municipality have agreed on a training delivery day

Date _____

Bidder

Municipality Fire Chief Randy Corbin

GENERAL CONDITIONS AND SPECIFICATIONS

The Horton Fire Department is requesting Quotations for the supply and delivery of a Triple Combination Pumper. This apparatus shall be available for delivery within 14 months from the award of the contract.

1. All Quotations shall be accompanied by a set of drawings of the apparatus showing all dimensions, including overall length, overall height, wheel base, length to bumper, overall width and pertinent dimensions. The drawing shall also show elevations on both sides of the apparatus, front and rear elevations and plan view from the top of the apparatus.

2. All Quotations shall include a detailed description and specifications of the apparatus to be provided and other construction and performance details of components of the apparatus that are to be included

3. Any options, alternate Quotations or exceptions to the provisions of the Quotation Request for Quotation are to be clearly marked **OPTION, ALTERNATE or EXCEPTION**. Detailed descriptions are to be provided by the Bidder. The Municipality may consider options, alternate Quotations or exceptions if it is determined to be in the Fire Department's best interest.

4. The general specifications listed herein shall be considered as minimum requirements.

5. Quotations submitted for the supply of this Pumper/Rescue shall be NFPA 1901, latest issue and or Underwriter's Laboratory of Canada CAN/ULC-S515 latest issue compliant

6. As used in this of general specifications, the term "desires" indicates the feature or component that the Municipality may consider if it is available on the program truck and can be provided within funds budgeted for this purchase.

7. The Pumper/Rescue Fire Apparatus and all components and equipment provided are to the manufacture's latest model. All attachments, equipment or accessories not specifically listed in this Quotation Request for Quotation are to be included to conform to best practices known within the fire apparatus industry in trade, quality, workmanship and design. The Municipality expects this Fire Apparatus to have a useful service life of 25 years.

8. Each Quotation is to include the requirements for all things necessary, proper or incidental to furnishing if the complete Fire Apparatus. All things not expressly mentioned in this Quotation Request for Quotation but involved in carrying out the intent of the Municipality to purchase a complete and satisfactory Fire Apparatus are required by this Quotation Request for Quotation. The selected Bidder is to perform the same as though they were specifically mentioned and described.

9. The bidder shall indicate the manufacturer's technical capabilities and experience in the construction of Fire Apparatus similar to that proposed, their ability to provide repair, maintenance and warranty service and a list of other similar Fire Apparatus delivered to other Municipalities.

10. The bidder is to provide at the time of delivery, at least two complete sets of service operations and maintenance manuals, including wiring diagrams. These service manuals and wiring diagrams are to describe the Fire Apparatus as built.

Fire Chief Randy Corbin

Date

IN WITNESS THEREOF the parties hereto have caused to be executed those presents by their officers properly authorized in that behalf on the day and year first above written.

SIGNED, SEALED AND DELIVERED

in the presence of:)
)
)
)
)

BIDDER (_____)

(Signature)

(Name)

(Title)

THE CORPORATION OF THE TOWNSHIP OF HORTON

MAYOR

CAO/Clerk

WARRANTIES

1. The manufacturers of the chassis, pump, body, paint and other components shall warranty their respective components. These warranties shall be fully described in the Quotation.
2. The selected Bidder is to be the sole agent regarding the administration of all warranties, excluding tires and batteries. It is the intent of the Municipality to have the selected Bidder be accountable and responsible for all warranty repairs and resolve all conflicts between the component suppliers regarding warranty matters.
3. Each Quotation shall include a list of authorized Bidders and location of repairs and /or service facilities for all warranty work on major components of the proposed Fire Apparatus including the chassis, engine, transmission, body, pump and all other components covered by warranty.

FACTORY INSPECTIONS:

1. The bidder shall provide in the Quotation an allowance for the entire cost for travel (ie. Transportation, accommodation and meals that may be incurred by Horton Fire Department representatives to travel to the apparatus manufacture facility or other locations as agreed, for meetings and /or inspections associated with the completion of the apparatus.
2. The following meetings and/or inspections are anticipated. However if non-acceptable results are obtained at the planned events then the bidder shall be responsible for all associated travel costs for additional trips that may be necessary to complete the apparatus in an acceptable manner.
 - A) Three Horton Fire Department representatives may attend a preconstruction conference at the apparatus manufacture's facility to finalize details associated with the design and construction of the planned apparatus.
 - B) Three Horton Fire Department representatives may attend the apparatus manufacture's facility to inspect the chassis and apparatus body at mid build.
 - C) Three Horton Fire Department representatives may attend a pre-delivery inspection at the apparatus manufacture's facility to inspect and test the completed apparatus before it is delivery to the Horton Fire Department

MANDATORY SCHEDULES

Schedule	Description
Schedule A	Technical Specifications
Schedule B	Current Equipment Inventory
Schedule C	List of References
Schedule D	Bidder Declaration
Schedule E	Receipt of Addenda
Schedule F	Bid Form
Schedule G	Service and Support
Schedule H	Delivery / Implementation
Schedule I	Warranty

**Schedule “A”
Technical Specifications**

The Bidder shall supply one Triple Combination Pumper Fire Apparatus in accordance with the listed specifications in the Quotation, the Bidder shall clearly indicate compliance, non – compliance or a proposed alternative design in regards to each specification. It is the Bidder’s responsibility to propose a complete apparatus, manufactured with compatible components, fitting the needs of the Fire department.

The specifications, references and product names listed in the document are not intended to favor or exclude any Bidder. Where necessary, the Bidder may propose alternative solution that meets the requirement of Horton Fire Department. Where an alternative is proposed, the Bidder must clearly indicate this variance in their comments.

1	General Requirements	Vendor Compliance?	Vendor Comments
1.1	The apparatus shall comply with NFPA 1901, Current edition and CAN/ULC-S515 current edition standards. In all cases, the most restrictive standard shall apply. Documentation of such compliance shall be supplied.		
1.2	In the event of a conflict between the requirements of NFPA, ULC or the specifications contained herein, the Fire Department shall be notified.		
1.3	The apparatus shall be quoted and delivered F.O.B. to: Horton Fire Department 2253 Johnston Rd. Horton Township Any customs, brokerage, registration fees or other charges associated with the delivery of the apparatus shall be borne by the vendor.		

1.4	All diagrams for the vehicle, including mechanical and electrical diagrams, shall be provided "as built" and a complete listing of OEM part numbers shall be provided at delivery.		
1.5	The vendor shall certify in writing that the chassis has not been used as a tow vehicle for delivery between the chassis factory and the chassis dealer, or between the chassis dealer and the chassis fabricator, or between the chassis factory and the chassis fabricator. Any chassis that has been used as a tow vehicle or that cannot be verified as having not been used as a tow vehicle may not be accepted.		
1.6	Canadian DOT standards shall be used in place of USA standards where appropriate or required.		
1.7	The vendor shall provide a detailed construction timeline schedule with their Quotation.		
1.8	The apparatus, equipment and all attached components shall be delivered in new condition.		
1.9	Any damages to the apparatus, equipment or attached components sustained during or prior to delivery shall be repaired or replaced to the satisfaction of the Fire Chief prior to delivery being accepted.		
1.10	Apparatus acceptance testing by The Underwriter's Laboratory of Canada, in the presence of a qualified representative of the vendor, shall be conducted and the certification data plate attached prior to delivery being accepted.		
1.11	The vendor shall instruct a minimum of 10 of the purchaser's personnel in the operation, care and maintenance of the apparatus and equipment.		
1.12	The vendor shall provide detailed warranty information		

	including extent of coverage, length of coverage, terms, conditions and limitation. Optional extended coverage shall be listed in the Quotation.		
1.13	The vendor shall provide detailed service and maintenance information and schedules.		
1.14	All pressure gauges shall be marked in both metric and imperial measurements.		
1.15	The vendor shall avoid dissimilar metal contact and where necessary install a barrier between dissimilar components to prevent electrolysis corrosion.		
2	Chassis, Vehicle Component and Mechanical Requirements	Vendor Compliance?	Vendor Comments
2.1	The chassis shall be a conventional commercial style cab, purpose built for the fire service and compliant with NFPA 1901 and CAN/ULC-S515 current editions		
2.2	Front axle weight rating shall be 18000 lbs. minimum Rear axle weight rating shall be 23000 lbs. minimum The Front axle shall be set back for improved turning radius. Rear axle shall be driver select air locking with an auto off over 40KPH feature		
2.3	Maximum GVWR shall be 41000 lbs. Minimum Apparatus height shall be 9' 6" maximum Apparatus length shall be 35' maximum		
2.4	Federal signal PA300 siren with tap to change tone and radio rebroadcast functions with a Whelen100w speaker mounted in the front bumper or approved equivalents shall be supplied.		

2.5	Dual Grover shutter tone air horns or approved equivalents shall be mounted in the front bumper with foot activated switch on the driver's side. Minimum 3/8 " air supply lines shall be used		
2.6	A 300L Capacity Minimum fuel tank and appropriately sized DEF mounted on driver's side under the driver's door. The starting batteries shall be mounted under the cat walk steps, in an enclosed, ventilated compartment or other approved location. Splicing of battery cables SHALL NOT be accepted		
2.7	The exhaust shall be discharged on the right side of the vehicle, away from the vehicle and not towards the tires or ground. All exhaust system materials shall be of non-corroding materials. Tubing shall be stainless steel.		
2.8	Four OEM style direct frame mounted tow hooks shall be provided – two on the front of the apparatus and two on the rear of the apparatus.		
2.9	An OEM style stainless steel bumper shall be provided on the front of the chassis and shall provide ample room for air horns and sirens, The bumper shall be frame mounted and braced to provide high strength and reduce oscillation due to engine or road vibration. The bumper, if extended, shall be covered with aluminum checker-plate.		
2.10	A structural steel bumper shall be provided on the rear of the apparatus. The bumper shall be integrated with the rear tailboard step and shall be well braced to provide high strength.		
2.11	A backup camera system shall be provided. The system shall be activated whenever the apparatus transmission is placed into reverse gear. The Fire Department desires an		

	<p>auxiliary display mounted on the pump operator's panel. The camera and display shall be turned on and off by a switch on the pump panel(Backup camera preferred option. Works best when rear intake is being used as it improves sightlines. Location of camera will have to be discussed so that pump operator has a clear sight line to see what is behind as well as driver in case of backing up apparatus.</p>		
2.12	The apparatus shall be equipped with anti-lock brakes and electronic/ dynamic stability control.		
2.13	The engine type shall be a Cummins 9 liter, turbocharged, 380 HP minimum, max speed to be governed at 2200 RPM.		
2.14	The engine shall be equipped with a Jacobs engine compression brake.		
2.15	The steering axle shall be equipped with dual power steering boxes		
2.16	The engine shall have a thermostatically-controlled, air-operated clutch fan.		
2.17	The transmission shall be an Allison 3000 EVS with an auxiliary cooler and shall be configured to shift to neutral when the parking brake is applied. It is the bidder's responsibility to ensure the transmission shift programming is appropriate for the terrain conditions within Horton Township.		
2.18	The alternator shall be a minimum of 250 amps.		
2.19	The apparatus shall be equipped with Hendrickson Fire Max rear air suspension or approved equivalent.		
2.20	The apparatus shall be equipped with Rotors.		
2.21	The apparatus shall be equipped with Rotors		

2.22	The Fire Department desires the chassis be equipped with polished aluminum wheels		
2.23	The air brake tanks shall be labeled as to their function in the air brake system and the drains shall be equipped with labeled pull cords on the side of the apparatus.		
2.24	The apparatus shall be equipped with Michelin tires – XDN2 11R22.5 rear, XZUS2 385/22.5front. Or approved equivalents		
2.25	All fluid level checks and fluid fill ports shall be easily accessible.		
2.26	Engine hood shall be full tilting type		
3	Electrical and Lighting Requirements	Vendor Compliance?	Vendor Comments
3.1	All interior and exterior lighting, including cabinet lights, ground lights, headlights, running lights and scene lights shall be high-quality LED.		
3.2	Emergency and scene lighting shall be controlled from a switch panel mounted on the center console with a separate “master emerg” switch		
3.3	All emergency lights shall be Whelen LED or an approved equivalent and shall be red or red and white in colour.		
3.4	Electrical wiring shall be neatly run, bundled and secured. All wiring connections shall be protected by a secure, weatherproof housing or cover. Wiring passing through body walls shall be protected by a rubber grommet or a bulkhead connector.		
3.5	A Kussmaul Combination Air compressor / battery charger / conditioner shall be provided and shall have adequate suppressors to prevent electrical interference with computers, radios and other equipment. The charger shall be fully automatic and shall have a status indicator on the exterior of the cab near		

	<p>the driver's door. The battery charger shall support auxiliary side DC charging. Source power shall be provided from a 120 VAC shore-line connection with auto eject.</p>		
3.6	<p>An 8 Circuit 120/240 Volt AC load center (at minimum) shall be supplied in the right side forward most compartment of the apparatus body to support the charging of equipment such as radios and flashlights. A minimum of 3 grounded duplex receptacle outlets shall be installed near the load center. The AC power center shall be configured such that 120/240 Volt source power is provided from the onboard generator.</p> <p>A single duplex grounded receptacle shall be provided as dedicated solely from a source of shore power and not interconnected with the load centre.</p> <p>All electrical installations shall be inspected and approved by the Ontario Electrical Safety Authority and/or the Canadian Electrical Code.</p>		
3.7	<p>A 120 VAC duplex receptacle shall be installed in each rearmost side compartments and shall be supplied by the AC load center.</p>		
3.8	<p>A DC power center shall be supplied in the cab of the apparatus to support operation of equipment such as radios and flashlights. The DC power center shall have a minimum 40 amp rating and be terminated at a distribution panel with a minimum of 10 terminals protected by self resetting circuit breakers. The DC power center shall be configured such that source power is provided from</p>		

	the apparatus batteries when the apparatus master switch is in the "ON" position.		
3.9	The emergency lighting shall be compliant with all the required zones listed in NFPA 1901		
3.10	The cab mounted emergency light bar shall be full width of the cab. The rear facing lights of the cab light bar shall be off with park brake set (so they do not affect the vision of the pump operator while standing on the catwalk)		
3.11	Siren, radio and air horn controls shall be easily accessible from both the driver and officer seating positions.		
3.12	A traffic advisor bar with yellow LED lights shall be installed on the rear of the apparatus. The traffic advisor shall be protected from damage due to stepping on, deploying hose, etc. The traffic advisor bar shall be controlled from the cab console		
3.13	The Fire Department desires two forward-facing LED brow scene lights, Whelen model PSL2 with white housing on the top of the apparatus cab. Control of the brow light shall be from the cab console.		
3.14	Two LED scene lights, Whelen model PSL2R5, shall be mounted on the rear of the vehicle. Control of the rear scene lights shall be from the cab console. The rear scene lights shall activate automatically when the apparatus transmission is in reverse gear.		

3.15	Push up Pole lights Shall be mounted on forward edge of each side of the fire body They Shall be Whelen Pioneer 120 V AC LED or approved equivalent. The lights shall be powered from the AC load center.(unless bidder recommends other)		
3.16	Two LED scene lights, Whelen model PSL2R5, shall be mounted on each side of the apparatus. Control of the side scene lights shall be from the cab console.		
3.17	The Fire Department desires LED ribbon lighting installed along the length of both sides of the hose bed and shall be installed such that it is protected from damage due to hose loading and unloading.		
3.18	LED ribbon lighting shall be installed on both sides of the door openings in all body compartments and shall run from the bottom to the top of the compartments.		
3.19	All panel, step and ground lights shall be LED and shall meet NFPA requirements. Ground lights shall be activated when the parking brake is engaged and by the respective turning signal.		
3.20	An adjustable LED map light shall be installed near the officer's seating position.		
3.21	The radio system shall have a weatherproof amplified Motorola speaker with volume control and a weatherproof Motorola microphone adapter installed at the pump control panel.		
3.22	Standard antenna mount be factory installed compatible with motorola		
4	Cab Requirements	Vendor Compliance?	Vendor Comments
4.1	A spacious cab, providing the maximum available clearance for the installation of the center		

	console		
4.2	The cab shall have an OEM installed Air Conditioning system		
4.3	Each cab doorway shall incorporate supplemental steps to assist in cab ingress and egress.		
4.4	All seats shall be NFPA compliant air ride, constructed of a ballistic nylon fabric with a bonded PVC coating that protects the seat from UV rays and fluid contamination.		
4.5	The center console shall be designed and configured to support the installation of equipment such as radios, map books and thermal camera. Note photo in Appendix A		
4.6	The dashboard, center console, cab interior and door sides shall be finished with a rugged, scratch-resistant material.		
4.7	The cab floor shall have a durable, easy-clean, skid-resistant and non-wicking finish.		
4.8	Auxiliary defrosting fans with separate controls shall be installed near the top corners of the windshield.		
4.9	Rearview mirrors shall be mounted on both front doors. Both a flat mirror and a convex mirror shall be installed on both front doors. All mirrors shall be heated and the flat mirrors shall be electrically adjustable.		
4.10	The red exterior paint and decaling scheme of the cab and body shall be approved by the Fire Chief.		
5	Body Requirements	Vendor Compliance?	Vendor Comments
5.1	The body shall be constructed of Formed and fully welded 3/16" aluminum.		
5.2	The Fire body shall be of similar lay out as The Fire Department's current apparatus.(see photos		

	in appendix A) The fire department carries on the apparatus a minimum of 15 bunker gear duffle bags and the listed equipment in appendix B the fire body shall be designed to accommodate this		
5.3	Body compartment design shall, at a minimum, be sufficient to handle the storage of equipment listed in Appendix "B" along with various pump fittings, tools and adapters. A minimum of 240 cubic feet of body compartment space is required.		
5.4	Final compartment layout to be approved by the Fire Chief		
5.5	The dimensions and cubic feet capacity of each compartment shall be listed in the response.		
5.6	All compartments shall be equipped with unpainted Amdor aluminum roll up doors and shall have a strap or other suitable mechanism to assist in closing the door.		
5.7	Adjustable shelving tracks shall be installed in all side and rear compartments.		
5.8	The rear most compartment on the left side of the apparatus may be utilized for the storage of Vent fan and chain saw/fuel (refer to Appendix "B") and shall be equipped with: <ul style="list-style-type: none"> • One heavy-duty roll-out tray at the bottom of the compartment. • One roll-out tip-down tray. 		
5.9	The front most compartment on the left side of the apparatus (pump operator compartment) shall be equipped with 1 Slide out tray on the bottom for air bottles and heavy tool boxes and 2 pull out tip down shelf for hose fittings Final compartment layout to be		

	approved.		
5.10	The front right compartment shall house the A/C load center and be equipped with a shelf for hand held radios and chargers, one pull out tray at the mid-point of the compartment for the incident command work books and one pull out tray in the bottom of the compartment for first aid equipment. Final compartment layout to be approved.		
5.11a)	The rear compartment shall be equipped with a roll out tray for the fire departments existing portable generator. A disconnect able power cable from the generator to the load center shall be supplied. Configuration 30A 125/250V Twist Lock. Nema L14-30.		
5.11b)	Provide a 10,000kw Honda Commercial grade generator with Electric and Remote Start		
5.12	All compartments shall be vented, and be dust resistant and water proof		
5.13	All compartment interiors shall have a brushed aluminum finish.		
5.14	The floor or tray bottom of all compartments shall be fitted with snug fitting rubber matting that permits drainage.		
5.15	Any roll out / pull out trays, shelves or boards shall have a spring lock mechanism to hold them in either the extended or retracted position and shall have reflective tape around the edges of the tray, shelf or board.		
5.16	Storage for two lengths of 6" diameter, 12' long hard suction hose shall be provided. Storage shall be inside the body to protect the hose from weather elements. The hard suction shall be easily accessible from the		

	<p>rear of the body. Suction hoses, basket strainer and two low level strainers with jet syphons compatible with Midship Pump requirements shall be provided with the apparatus.</p>		
5.17	<p>A ladder tunnel shall be provided and shall, at a minimum, be designed to store: One Duo Safety 24' two section aluminum ladder. Two Duo Safety 14' aluminum roof ladder and One Duo safety 10' folding attic ladder. The ladders listed shall be new, shall be supplied with the apparatus and shall be compliant with NFPA 1931 The ladder tunnel shall also have storage for a minimum of two 12' pike poles.</p>		
5.18	<p>Storage and holders for Eight SCBA packs shall be provided along the right side of the body in the upper portion of the center and rear compartments (MSA Fire Hawk 4500 psi)</p>		
5.19	<p>Wheel chock brackets shall be installed under the body on the left side of the apparatus. Folding aluminum wheel chocks shall be provided.</p>		
5.20	<p>Hose bed min capacity shall be sufficient to carry the hose listed in appendix B. The hose bed shall have four adjustable dividers Note the photo on appendix A</p>		
5.21	<p>A hose bed cover extending the full length and width of the hose bed shall be provided to cover the hose bed and secure the hose load. The cover shall be in compliance with OSHA working at heights legislation</p>		

5.22	SCBA bottle storage compartments shall be provided around the rear wheel wells. The body design shall maximize SCBA bottle storage capacity around the rear wheel wells. The SCBA bottle compartments shall have a tight closing, gasket sealed door. The wheel wells shall be enclosed with an aluminum skirt to prevent road debris from collecting around the bottle storage tubes		
5.23	The Fire Department desires (if the design permits) a pull out and tip down drawer above each rear wheel well		
5.24	The exterior paint and decaling scheme of the body shall be approved by the Fire Chief.		
6	Pump Requirements	Vendor Compliance?	Vendor Comments
6.1	All piping and fittings shall be made of welded schedule 80 minimum stainless steel. Threaded joints and sharp radius's restricting flow shall be avoided. Class One or equivalent rubber hoses shall be used where the plumbing needs to be flexible.		
6.2	The apparatus shall be equipped with a 4000 L polypropylene water tank. With a built in minimum 80 L Foam cell		
6.3	The apparatus shall be equipped with a 5000 LPM Hale, or approved equivalent, midship mounted pump driven by a split shaft PTO. The pump shall have a dual eye impeller and mechanical seals		
6.4	The pump control panel shall be transverse mounted		
6.5	A FRC Pump Boss 400 Pressure Governor Shall be supplied.		
6.6	FRC Tank Vision Pro tank level gauges shall be supplied for both the Water and Foam tank.		

6.7	A Foam Pro or approved equivalent direct injection foam system supplying two 38mm cross lays and one 65mm rear discharge shall be installed and calibrated.		
6.8	A cold weather kit / heating system shall be provided for the pump and pump control panel. The heating system shall be equipped with a method to bypass it or switch it off when not needed. The heat pan shall be mounted as high as possible to provide maximum ground clearance and large voids around piping, drive shafts and frame rails shall be enclosed with aluminum or rubber bellows		
6.9	All pump valves and valve controls shall be made of a non-corroding material. The valves shall be Akron swing out or approved equivalent		
6.10	A pump overheat light shall be provided on the pump panel.		
6.11	The pump master intake and pressure gauge shall be minimum 4.5" Class One with white face dials or equivalent. Line gauges shall be minimum 2.5" Class One with white face dials or equivalent.		
6.12	The pump shall be equipped with a Hale 12V electric primer and shall be lubricated with RV plumbing antifreeze. The primer shall be able to prime the left or right suction hoses (outside of the master intake valves) or the main pump individually.		
6.13	The left side pump panel shall be equipped with: <ul style="list-style-type: none"> • One 6" Hale Master gated intake - the gate shall be electrically controlled from the pump panel and shall have a manual override. • Two 2.5" manually gated intake. • Two 2.5" discharges. 		

6.14	<p>The right side pump panel shall be equipped with:</p> <ul style="list-style-type: none"> • One 6" Hale Master gated intake - the gate shall be electrically controlled from the pump panel and shall have a manual override. • Two 2.5" discharge. • One LDH discharge – 4" stainless steel piping, 4" Storz fitting. The discharge shall be manual crank controlled from the pump panel and that it meet the NFPA standard and be a slow closing master intake valve that actuates at no less than 3 seconds to fully open or close to eliminate water hammer and avoid truck damage. 		
6.15	<p>Two cross lay hose compartments shall be provided over the pump enclosure. Each compartment shall have a 1.5" swivel discharge and shall have adequate capacity to store 150' of 1.5" double jacket nylon hose with attached nozzle.</p> <p>The cross lay hose bed shall be equipped with a removable or openable cover to prevent inadvertent deployment of the nozzles and hose while traveling.</p>		
6.16	<p>One 2.5" discharge shall be mounted on the rear of the apparatus. This discharge shall be easily reached from the ground.</p>		
6.17	<p>The Fire Department desires a 6" rear intake.</p> <p>The rear intake shall be installed at a suitable height as to permit drafting from a standard portable tank</p>		
6.18	<p>Provision for individually draining discharge ports and provision for a single Master Drain shall be included</p>		

**Appendix “A”
Photographs for reference**

See pages 39-43

**Appendix “B”
Current Equipment Inventory**

**Schedule “C”
List of References**

Please supply a list of similar apparatus supplied to other municipalities. Reference checks may be completed and the decision to award the Quotation may be based on the Municipality’s assessment of over all qualified bidder. Experience listed below must be relevant to the current project in scope and value. If there is additional information you wish to provide with regard to reference s, please do so on another sheet and attach to your bid submission.

Pursuant to Section 29 (1) of the Municipal Freedom of Information and Protection of Privacy Act, as amended and Section 39 (1) of the Municipal Freedom of Information and Protection of Privacy Act, as amended, I authorize the Township of Horton to contact the person or company listed for purpose of obtaining reference information.

Signature of Authorized signing officer

Date

Municipality purchasing the apparatus	
Type of apparatus supplied	
Value of apparatus supplied	
On the project did you firm act as	Manufacturer <input type="checkbox"/> Distributor <input type="checkbox"/>
Contact name at the municipality	
Telephone number with area code	
Date of delivery of this apparatus	

**Schedule “D”
Bidders Declaration**

(To be submitted with Original copy of Bid Submitted.)

To: The Corporation of the Township of Horton Fire Department

I/We _____
(name(s))

(title/position)

Of _____
(name of company)

1. **DECLARE** that I/We are the undersigned authorized signing officer of the bidder.
2. **FURTHER DECLARE** that no person, firm or corporation other than the one whose signature or the signature of whose proper officers I attached below, has any interest in this bid or in the contract proposed to be undertaken.
3. **FURTHER DECLARE** that this bid is made without connection, knowledge, comparison of figures or arrangement with any other company, firm or person making a Quotation (unless preformed under a “joint” agreement and so declared in the bid), and in all respects is fair and without collusion or fraud.
4. **FURTHER DECLARE** that no Township of Horton employee, or member of Council or member of its Committees, is or may become interested directly or indirectly as a contracting party.
5. **FURTHER DECLARE** that all statements, schedules and other information provided in this Quotation are true, complete and accurate in all respects to the best knowledge and belief of the bidder.
6. **FURTHER DECLARE** that I/we have examined the locality and the site of the proposed work, as well as all the specification relating thereto, prepared, submitted and rendered available on behalf of the Township of Horton Fire Department, and hereby acknowledge the same to be part and parcel of any contract to be let for the work therein described or defined, and do hereby propose and offer to enter into a contract to do the work and to provide for all of the labour and to provide, furnish, deliver, place and erect, all material mentioned and described or implied therein, including in every case, freight, duty, exchange and sales tax in effect on the date of acceptance of the bid, and all other charges, on the terms and conditions and under provisions therein set forth, and to accept in full payment therefore, the sums calculated in accordance with the actual quantities and unit prices attached to this bid.
7. **FURTHER DECLARE** that the undersigned is hereby authorized by the bidder to submit this Quotation and is authorized to negotiate all matters with the Municipal representatives relative to this Quotation.

Quotation submitted by:

Address:

City/Province: Postal Code:

Authorized Signature:

Name (please print or type):

Telephone Number: Fax Number:

Email:

GST Registration No: PST Registration No.

Date of Quotation:

**Schedule “E”
Acknowledgement of Receipt of Addenda**

This may acknowledge receipt of the following addendum/ addenda and that the pricing quoted includes the provision set out in such addendum/addenda

ADDENDUM #	DATE RECEIVED

Check here if **NO** Addendum received.

Bidder Name: _____

Date: _____

Authorized signature: _____

Schedule "F" Bid Form

PROJECT: FIRE 2017-01 Triple Combination Pumper

LOCATION: 2253 Johnston Road, Renfrew Ontario

DATE:

Name of Company: _____

Street Address: _____

City/Town: _____ Postal Code: _____

Telephone: _____ Fax: _____

Sir/Madam

I/We agree to supply all necessary Labour, materials, plant, equipment and services for the execution and completion of the above noted Project in accordance with the Contract Documents for the contract sum of:

_____ (Dollars

(\$ _____))

including all applicable taxes, custom duties and excise taxes (HST EXTRA) with respect to the Contract in accordance with all terms and conditions of Quotation.

The following amount for the Harmonized Sales Tax (HST) is extra to the above contract sum;

\$ _____

I/We understand that the price(s) submitted in this bid is/are based upon the acceptance of the Bid within ninety (90) days of the Bid closing date. In cases where the expiry date of the acceptance period falls on a Saturday, Sunday or holiday, the time for acceptance shall be extended to the first following business day.

I/We have carefully examined all Bid Documents have visited the site, have registered with Township of Horton representative conducting the site visit, and have a clear and comprehensive knowledge of the work required under this Contract and all of the working conditions.

I/We are in a position to commence work immediately upon receipt of the Municipality's or its representative's written direction and to carry it through to a prompt and satisfactory conclusion.

I/We hereby certify that, at the time of submitting this bid, I/We are in full compliance with all tax statutes administered by the Ministry of Finance for Ontario and Canada and that, in particular, all returns required to be filed under all provincial and federal statutes have been filed and all taxes due and payable under the statutes have been paid or satisfactory arrangements for their payment have been made and maintained.

Name of Company: _____

Company Seal: _____

(If company does not have a seal, please note on above line.)

SCHEDULE “F” cont’d...

Signature of Authorized Official: _____

Name: _____
(Please print)

Title: _____

Date of Quotation:

**Schedule “G”
Service and Support**

The Bidder shall complete this Schedule by responding to each item below for each component as applicable.

ITEM	RESPONSE
Location of vehicle cab and chassis service provider	
Location of fire body and associated fabricator installed equipment service provider	
The number of years that the service provider have been providing repair service for the fabricator	
Service provider’s hours of operation and availability	
The qualification of personnel providing servicing	
Other support resources such as direct to factory, on-line parts, etc.	
Availability and costs associated with mobile servicing completed at the Township of Horton specified locations	
Any other relevant information	

Schedule “H” Delivery/Implementation

The Bidder shall complete this schedule by responding to each item below as applicable.

ITEM	ESTIMATED TIME (after receipt of order)
	Provide estimate in weeks
Preconstruction conference	
Confirmation of chassis specification	
Ordering of chassis	
Receipt of major components	
Receipt of chassis	
Start of body construction	
Apparatus assembly	
Performance testing	
Pre-delivery inspection and test	
Delivery to dealer	
Delivery to purchaser	
Factory training	
Other milestones	
Total elapsed time estimate	

This schedule is an integral part of our Quotation

Name of Bidder _____

Authorized Signature _____

Name (Print) _____

Date _____

Schedule “I” Warranty

The Bidder shall complete this Schedule by responding to each component of the supplied Apparatus as applicable. Warranted components not identified shall be listed by the Bidder in the additional lines/spaces provided

Bidders shall clearly describe the nature and extent of warranties being provided as part of this Quotation, including limitations and any exclusions that may apply. Optional warranty coverage shall be identified if available. Cost of optional warranties may be sought if optional coverage is elected.

Component	Basic Warranty	Limitations/Exclusions	Optional Coverage
Chassis			
Power Train			
Engine			
Transmission			
Major Pump			
Piping			
Apparatus Body			
Paint			
Foam System			
Line Voltage System			
Power Take - Off			

This Schedule “I” is an integral part of the Quotation.

Name of Bidder _____

Authorized Signature _____

Name (Print) _____

Date _____









