



**Request for Proposal
For the Supply and Delivery of
One (1) New Fire Pumper**

RFP No: RFP-FIRE01-2026

Issue Date: August 11, 2026



Documents are available in alternate formats upon request.

Please contact the Clerk's Department at 519-482-3997 or by email at clerk@centralhuron.com if you require an accessible format.

1 General

1.1 Background

The Municipality of Central Huron is located along Ontario's West Coast in the heart of Huron County. We consist of the former Town of Clinton and Townships of Goderich and Hullett, with a population of approximately 10,000 and we are governed by the *Municipal Act 2001*. The Municipal Office is located at 23 Albert St., Clinton, Ontario, N0M 1L0.

The Municipality is governed by eight (8) Council members, including a Mayor and a Deputy Mayor who are elected at large.

Senior staff consists of a CAO, along with 7 Department Managers. Employees number approximately 80 including full-time, part-time and seasonal, and there are approximately 25 volunteer firefighters.

The activities of the Municipality include, but are not limited to, road, water and sewer treatment and delivery and maintenance, facility management, fire services, licensing, and issuing various permits.

The main servicing departments of the Municipality are:

CAO & Human Resources	Finance
Clerk's Office	Planning
Building Services	Roads / Drains
Utilities	Facilities
Fire & Emergency Services	

1.2 Purpose

The Municipality of Central Huron is seeking the Supply and Delivery of One (1) New mobile Fire Pumper

1.3 Timelines

Timelines for inquiries, submission and award are noted on the Proposal submission label.

Delivery to Central Huron for the fire apparatus will be fall 2026.

1.4 Specifications

- Specifications as outlined in Appendix A.

1.5 Inquires

Inquiries concerning the Proposal process and results are to be directed to:

A/Fire Chief Sean Flynn

firechief@centralhuron.com

519-482-3997 ext. 1740

Inquiries must be received no later than the deadline for inquiries, otherwise, a response may not be provided.

Questions of clarification on the Proposal requirements may at the Municipality's discretion be answered individually, but response(s) to any question that modifies the scope of the Request for Proposal will be circulated in writing as an Addendum to all registered document takers.

2 Submission Requirements

2.1 Submission deadline

Completed Proposals must be received by the method and at the address indicated on the Proposal submission label no later than the Proposal deadline.

2.2 Required Documents

The following documents must be included with the bidder's Proposal:

- Proposal Submission Label
- Ability and Experience Form
- Bid Price Form
- Specification Form (Appendix A)
- Conceptual Design Drawings
- Detailed list of all specifications.

Additional proposal documentation may be submitted supporting the criteria under section 2.3 Proposal Evaluation and Selection Criteria.

Given the nature of the RFP multiple options may be provided within one proposal. If multiple options are provided then separate Bid Price Form and Specification Form (Appendix A) are required for each option.

Each option will be evaluated separately. Accordingly, it is recommended other proposal documentation be submitted as well.

All documentation for each option should be clearly labeled with the option name or number.

2.3 Proposal Evaluation and Selection Criteria

The acceptance of a Proposal will be contingent upon, however not limited to, the following considerations:

- Ability to meet or exceed all specifications and requirements.
- Ability, experience, references and reputation.
- Delivery Date
- Compliance with the Proposal process.
- Additional value added or advisory services
- Proposal pricing.

Accordingly, submissions should include details and documentation to support the above criteria.

Proposal Submission Label

Request for Proposal

For the for the Supply and Delivery of One
(1) New mobile Fire Pumper

RFP- FIRE01 – 2026

Company Name: _____

Contact Person: _____

Phone Number: _____

Email Address: _____

Mailing Address: _____

Proposal Deadline: August 31, 2026 at 2:00PM

Inquiry Deadline: August 24, 2026 at 12:00PM

Estimated Review and Award: September 7, 2026

Method: Proposals will only be accepted electronically

Deliver To: Online submission through Biddingo.com

Attention: Fire Chief Sean Flynn

Bid Price Form

Item Description:	Amount (Excluding HST)
Fire Apparatus	
Delivery (provisional)	
Total (Excluding HST)	

Estimated Delivery Date:	
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Name of Person Signing:	
Signature:	
Office/Position of Person Signing:	

This form shall be submitted as a separate electronic document, if electronically submitted, or in a sealed envelope, if physical submissions are being received.

Ability and Experience Form

The Bidder shall provide below information on previous experience in this class of work successfully undertaken by the Bidder's firm in the last three years.

Reference 1	
Name	
Contact and Phone Number	
Total Value	
Description of Work	
Additional Comments	

Reference 2	
Name	
Contact and Phone Number	
Total Value	
Description of Work	
Additional Comments	

Reference 3	
Name	
Contact and Phone Number	
Total Value	
Description of Work	
Additional Comments	

3 Terms and Conditions

3.1 Definitions

Corporation/Municipality:	Refers to the Corporation of the Municipality of Central Huron.
Bidder:	Refers to any eligible entity submitting a Proposal, Proposal or bid.
Successful Bidder:	Refers to the selected Bidder, if any.

3.2 Accessibility

As of January 1, 2012, Bidders must meet the requirements of the Customer Service Standard of the Accessibility for Ontarians with Disabilities Act, 2005.

The successful Bidder shall comply with the Accessibility Standards for Customer Service, O. Reg 429/07 ("Regulation"), under The Accessibility for Ontarians with disabilities Act, 2005 (AODA);

The successful Bidder shall ensure its employees are trained on providing accessible customer services. Any training or training resources must conform to the legislated requirements under the Act; and

The successful Bidder shall maintain records of the training, including dates when training was provided, the number of employees who received training and individuals training records. Where requested by the Municipality of Central Huron, the person, business or organization shall provide written proof, as well as any documentation regarding training policies, practices and procedures, to the Municipality of Central Huron.

3.3 Late Submissions

Proposals received after the official closing time will not be considered during the selection process.

If electronic submissions are being accepted for this proposal, the onus is on Bidders to ensure their Electronic Bid Submission is received no later than the closing time and date stated. Bidders are cautioned that the timing of their bid submission is based on when the Bid is **RECEIVED** by the Municipality's Bidding System, not when a Bid is submitted by a Bidder, as Bid transmission can be delayed in an "**internet traffic jam**" due to file transfer size, transmission speed, etc. A Bid Submission will only be considered to have been submitted once it has been **RECEIVED** by the

Municipality's Bidding System, regardless of when the Bid was submitted by the Bidder.

For the above reasons, the Municipality recommends that Bidders allow sufficient time to upload their Bid Submission and attachment(s), if applicable and to resolve any issues that may arise. The closing time and date shall be determined by the Municipality's Bidding System web clock.

Bidders should contact the Municipality at least twenty-four (24) hours prior to the closing time and date, if they encounter any problems. The Bidding System will send a confirmation email to the Bidder advising that their bid was submitted successfully.

Proponents are advised there will NOT be a public opening for this RFP.

3.4 Opening

Unofficial proposal results will be posted on the Municipality's Bidding System Website as soon as possible after the opening of the bid price form.

3.5 Withdrawal or Alteration of a Request for Proposal

A Bidder who has submitted a Proposal may submit a further Proposal at anytime up to the specified time and date of closing. The last Proposal received shall supersede and invalidate all Proposals previously submitted by that Bidder. Only one Proposal shall be opened per Bidder.

A Bidder may withdraw or alter the Proposal at any time up to the specified time and date of closing by submitting a letter bearing the Bidder's signature to the authorized representative who will mark thereon the time and date of receipt. The Bidder's name and the Request for Proposal number shall be shown on the envelope containing such letter. Telegrams, facsimiles (faxes), or telephone calls will not be accepted.

Proposals withdrawn under this procedure cannot be reinstated.

3.6 Examination of Proposal Documents

Each Bidder must satisfy himself/herself as to the full requirements of the proposed work. There will be no consideration of any claim, after submission of Proposals, if there is a misunderstanding with respect to the minimum requirements indicated in this Request for Proposal.

Should the Bidder require more information or clarification on any point, it must be obtained prior to the submission of the Proposal.

3.7 Completion of the Proposal

All entries shall be clear, legible and made in a non-erasable medium. Alterations may be made provided they are legible and initialed by the Bidder's signing officer.

3.8 Omissions, Discrepancies and Interpretations

Should a Bidder find omissions from or discrepancies in any of the Proposal Documents or should the Bidder be in doubt as to the meaning of any part of such documents, the Bidder should notify the designated person and office without delay. If the designated person considers that a correction, explanation, or interpretation is necessary or desirable, an addendum will be issued to all registered plan takers.

No oral explanation or interpretation will modify any of the requirements or provisions of the Proposal documents.

3.9 Addenda

If required by the Corporation, addenda will be distributed to all registered Bidders as a document taker for this Proposal.

Addenda will be distributed using the latest contact information as provided by the Bidder, if applicable. It is the Bidder's responsibility to notify the Corporation of any changes to their email or mailing address. If no formal registration is required by the Municipality then addendas will only be posted to the location of the original posting.

It is the Bidder's ultimate responsibility to ensure all addenda have been received.

3.10 Acceptance or Rejections of Proposal

The Corporation reserves the right to reject any or all Proposals and to waive formalities as the interests of the Corporation may require without stating reasons, therefore.

Notwithstanding and without restricting the generality of the statement immediately above, the Corporation shall not be required to award and accept a Proposal, or recall the Proposals at a later date:

- When only one (1) Proposal has been received as a result of the Proposal call.
- When all Proposals received fail to comply with the minimum specifications.

The Corporation shall not be responsible for any liabilities, costs, expenses, loss or damage incurred, sustained or suffered by any Bidder by reason of the acceptance or the non-acceptance by the Corporation of any Proposal or by reason of any delay in the acceptance of a Proposal except as provided in the Proposal document.

3.11 Indemnification

The successful Bidder shall indemnify and save harmless the Corporation of the Municipality of Central Huron from and against all claims, demands, loss, cost, damages, actions, suits or other proceedings by whomsoever made, brought or executed by, or attributed to any such damages, injury or infringement as a result of activities under this Proposal.

3.12 Protection of Work and Property

The successful Bidder shall provide continuous and adequate protection of all work from damage and shall protect the Corporation's property from injury or damage arising from or in connection with this work.

The successful Bidder shall make good any such damage or injury.

3.13 Ability and Experience of Bidder

If noted under Section 2 – Submission requirements, Bidders must complete and submit with their submission, the Ability and Experience Form included with this document.

The following criteria will be utilized by the Corporation to determine whether a Bidder is qualified to undertake the award:

- The Bidder's ability and agreement to complete the work within the required schedule.
- The Bidder's ability to work effectively with the Corporation staff, consultants and other representatives.
- The Bidder's ability to effectively manage and do the work using the named project representative and any submitted subcontractors or others that may share the work areas.
- The Bidder's history with respect to quality of work, scheduling, providing satisfactory results and acceptable cooperation.
- Satisfactory references.

A Bidder is invited to provide any additional information it determines will assist the Corporation in using the aforementioned criteria.

The Corporation may reject the lowest or any submissions if, after investigation and consideration, the Corporation concludes, in its opinion, that the Bidder is not qualified to do the work and/or cannot do the work and perform the work in a manner satisfactory to the Corporation.

3.14 Character and Employment of Workers

The successful Bidder shall employ only orderly, competent and skillful workers to ensure that the works are carried out in a respectable manner.

In the event that any person employed by the successful Bidder in connection with the work arising out of this Proposal gives, in the opinion of the Corporation, just cause for complaint, the successful Bidder upon notification by the Corporation in writing, shall not permit such person to continue in any future work arising out of this work.

3.15 Ethical Conduct

In addition to being in compliance with all applicable federal, provincial and municipal laws and regulations, within the context of a Contract, Contractors shall behave in an ethical manner having regard for and demonstrating care for, the condition of or well-being and fair treatment of all persons, places and things.

3.16 Limited Liabilities

The Corporation's liability under this Proposal shall be limited to the actual goods/services ordered and provided.

3.17 Bidder Expense

Any expenses incurred by the Bidder in the preparation of the Proposal submission are entirely the responsibility of the Bidder and will not be charged to the Corporation.

3.18 Regulation Compliance and Legislation

The successful Bidder shall ensure all services and products provided in respect to this Proposal are in accordance with, and under authorization of all applicable authorities and Municipal, Provincial and Federal legislation. The successful Bidder shall abide by all Acts, By-laws and Regulations relative to the performance of the work.

3.19 Award

Award is subject to approved budget. The Municipality reserves the right to delete a schedule or item dependent upon budget limitation.

The lowest-priced or any Proposal may not necessarily be accepted.

3.20 Extra Work

No work shall be regarded as extra work, unless it is ordered in writing by the Corporation and with the agreed price for the same specified in said order, provided said price is not otherwise determined by this Proposal. A statement of the cost of extra work shall be made within thirty (30) calendar days after the completion of the said extra work.

3.21 Terms of Payment

Unless otherwise stated herein, the Corporation's normal terms of payment will be Net Thirty (30) calendar days from the Receipt of Goods/Services or the Date of Invoice, whichever occurs later. Payment terms shall only be modified at the sole discretion of the Municipality to take advantage of the discounts for prompt payment or for other terms that shall be deemed to be in the best interests of the Municipality.

The Bidder agrees that the Municipality shall be entitled to the discount stated herein if payment of invoices for the Goods/Services specified or called for in or under this Proposal, is made within the period specified herein after acceptance or satisfactory completion thereof, as the case may be, and the receipt by the Municipality of the invoice, therefore.

Price changes caused by Provincial or Federal government tax legislation will be accepted, but these changes must be submitted in writing and accepted by the Municipality prior to being invoiced. All prices quoted shall be in Canadian funds. Invoices shall be forwarded to the attention of:

Municipality of Central Huron
Attn: Jeff Boyes, Director of Finance
Finance Department
23 Albert St., PO Box 400 Clinton, ON
N0M 1L0

3.22 Harmonized Sales Tax (HST)

HST is applicable to the item(s) listed in this Proposal, however, is not to be included in the quoted unit cost. Please quote all prices "HST extra".

3.23 Workplace Safety & Insurance Board

The successful Bidder shall provide a copy of the Workplace Safety & Insurance Board's Clearance Certificate indicating the successful Bidder's good standing with the Board.

3.24 Conflict of Interest

No elected official or employee, nor any corporation of which an elected official or employee has an interest, shall offer any bid, or otherwise sell any goods or services to the Municipality, unless such interest is disclosed, and they do not participate in the purchasing process in any way.

No elected official or employee who has an interest, shall discuss a bid solicitation with a person, or any other employee or agent of the person who has submitted a bid to the Municipality, unless the procurement call has been awarded, or for the purpose of receiving clarification.

Each Bidder, in their Bid, shall declare on a separate sheet of paper, all Conflicts of Interest or any situation that may be reasonably perceived as a Conflict of Interest that exists now or may exist in the future.

Failure to comply with this requirement may render the Bid non-compliant and shall cause the Bid to be rejected.

The Municipality reserves the right to disqualify from further consideration Bids that, in the Municipality's sole opinion, demonstrate a Conflict of Interest.

3.25 Health and Safety

The successful Bidder will review and agree to follow the Corporation of the Municipality of Central Huron's Health and Safety Policy available by contacting the Clerk's Department in advance at 519-482-3997.

By signing the Form of Tender and Agreement, the successful Bidder agrees to abide by the Municipality's Health and Safety Policy. The successful Bidder will provide the Corporation, prior to commencement of work, with a written copy of the Health and Safety Policy of their firm.

All applicable current health and safety legislation and environmental legislation and regulations are considered the minimum requirements that the successful Bidder must meet, including compliance with the Occupational Health and Safety Act (re: duties of employers, safety training/certifications) and any other applicable regulations.

Health and safety issues will always be given immediate attention by the Municipality and its representatives, and the successful Bidder and its subcontractors.

All employees, successful Bidders/subcontractors suppliers and visitors/residents must immediately report unsafe conditions, incidents, and accidents to the Project/Site Supervisor/ Inspector.

The Municipality takes pride in the commitment of all of its employees and suppliers of services and will take the necessary steps to ensure health and safety on all projects.

3.26 Insurance and Indemnification

The successful Bidder shall, at its own expense, obtain and maintain until the termination of the Contract and provide the Corporation of the Municipality of Central Huron with evidence of:

- Professional Liability Insurance on an occurrence basis for an amount not less than five million dollars (\$5,000,000), and shall include the Corporation of the Municipality of Central Huron as an additional insured with respect to the Bidder's operations, acts and omissions relating to its obligations under this Agreement, such policy to include non-owned automobile liability, personal injury, broad form property damage, contractual liability, owners' and Bidders' protective products and completed operations, contingent employers liability, cross liability and severability of interest clauses.
- Automobile Liability on all vehicles owned, operated or licensed in the name of the Bidder in the amount of not less than two million dollars (\$5,000,000) on an occurrence basis.
- The Contractor shall provide and maintain during the term of the contract Garage Automobile Liability to include:
 - Section 1 Third Party Liability - subject to limits of not less than \$5,000,000 inclusive per occurrence for bodily injury, death and damage to property including loss of use.
 - Section 2 Accident Benefits – to be included as per Statutory Limits.
 - Section 3 Uninsured Automobile Coverage – To be included.
 - Section 6 Liability for Damage to a Customer's Automobile while in the Care, Custody or Control of the Insured.
 - Section 6.1 Collision or Upset Limit applicable to any one customer's automobile - \$750,000.
 - OEF #77 Comprehensive coverage subject to limits of not less than \$1,000,000.
 - OEF #81 Garage Family Protection Endorsement

The policies shown above will not be cancelled or permitted to lapse unless the insurer notifies the Municipality in writing at least thirty (30) days prior to the effective date of cancellation or expiry.

The Corporation of the Municipality of Central Huron reserves the right to request such higher limits of insurance or other types of policies appropriate to the work, as the Municipality may reasonably require.

The successful Bidder shall not commence work until such time as the required evidence of insurance has been filed with and approved by the Corporation of the Municipality of Central Huron. The successful Bidder shall further provide that evidence of the continuance of said insurance is filed at each policy renewal date for the duration of the contract.

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

3.27 Assignment of Work

The successful Bidder shall not assign, transfer, convey, sublet or otherwise dispose of this Proposal or his/her right, title or interest therein, or his power to execute such work, to any other person, company or corporation, without the previous consent, in writing, of the Corporation's officials, which consent shall not be unreasonably withheld.

The successful Bidder is fully responsible to the Corporation for the acts and omissions of subcontractors and/or persons directly or indirectly engaged by the successful Bidder in respect to this work.

Subcontractors will be required to abide by all the requirements of the Proposal document as though the successful Bidder (Insurance, WSIB, Health & Safety Policy, etc.). The successful Bidder agrees to bind every subcontractor by the terms of the Proposal documents as far as it is applicable to their work.

Bidders must submit with their quote the completed Subcontractor Form included in this document.

3.28 Cancellation

The Corporation reserves the right to immediately terminate the Proposal agreement at its own discretion, including but not limited to, such items as non-performance, late deliveries, inferior quality, pricing problems, etc.

If the successful Bidder should neglect to execute the work properly or fail to perform any provision of this Award, the Corporation, after three (3) business days' written notice to the successful Bidder, may, without prejudice to any other remedy in existence, make good such deficiencies and may deduct the cost thereof from any payment then and thereafter due to the successful Bidder.

Continued failure of the successful Bidder to execute the work properly shall result in a termination of Proposal arrangement. The Corporation shall provide written notice of termination.

The Corporation may elect to terminate the Proposal arrangement if the original terms and conditions are significantly changed, giving thirty (30) calendar days' written notice to the successful Bidder.

Either party may terminate the Proposal arrangement by giving the other party sixty (60) calendar days' written notice. A period of less than sixty (60) calendar days to terminate the arrangement may be negotiable if mutually agreeable among the parties involved.

Failure to maintain the required documentation during the term of this Proposal may result in suspension of the work activities and/or cancellation of the Proposal arrangement.

3.29 Performance

The Municipality may at its sole discretion evaluate the performance of the Bidder during and/or when the Contract is completed or terminated. If evaluated, the Bidder's performance shall be rated on a scale of 0-4 (0-Not Rated, 1-Poor, 2-Below Standard, 3-Standard, 4-Excellent) under the following categories:

- a. Administration.
- b. Adherence to Specifications and Special Provisions.
- c. Public Relations.
- d. Condition and Sufficiency of Equipment.
- e. Safety Procedures.
- f. Organization, Coordination and Efficiency.
- g. Environmental Compliance.

The performance rating shall be determined based on the everyday performance of the Work, quality assurance test(s), letters, and Written Instructions to the Bidder.

If evaluated, a copy of the completed Bidder's Performance Report shall be sent to the Bidder. If the Bidder disagrees with any portion of the Bidder's Performance

Report, it shall advise the Municipality of the specific objections, in writing, within twenty (20) days of the date of the report.

If the Bidder' is evaluated as Poor or Below Standard in three categories or very poor in two areas, the Municipality may disqualify the Bidder from bidding on Municipality Contracts for a period of up to two years from the date the Contract was completed or terminated. The length of the termination will depend on the nature of the unsatisfactory performance.

If the Bidder's is evaluated as Poor or Below Standard in two or more evaluation categories on two Bidder's Performance Reports of different contracts within twelve months, the Municipality may disqualify the Bidder' from bidding on Municipality contracts for a period from three months to two years from the date of the completion or termination of the last contract. The length of the termination will depend on the nature of the unsatisfactory performance.

The decision of the Municipality in respect of the Bidder's Report shall be final and binding for all purposes.

3.30 Governing Laws

This Proposal arrangement and any subsequent arrangements will be interpreted and governed by the laws of the Province of Ontario.

3.31 Subcontractors

No portion of the work under this award may be subcontracted without the written authorization of the Corporation.

The successful Bidder is fully responsible to the Corporation for the acts and omissions of subcontractors and/or persons directly or indirectly engaged by the successful Bidder in respect to this work.

Subcontractors will be required to abide by all the requirements of the Proposal document as though the successful Bidder (Insurance, WSIB, Health & Safety Policy, etc.).

The successful Bidder agrees to bind every subcontractor by the terms of the Proposal documents as far as it is applicable to their work.

Failure to obtain this consent may result in termination of the contract with the successful Bidder.

3.32 Municipal Freedom of Information and Protection of Privacy Act (MFIPPA)

The Municipality is subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act (MFIPPA). As a result, the Municipality cannot guarantee that any information forwarded to the Municipality can be held in confidence.

The personal information Bidders provide in response to this solicitation is being collected under authority of the Municipal Act and will be used exclusively in the selection process and may be used for budgetary purposes for future bids. This information will be an integral component of the quote submission. All Bids submitted shall become the property of the Municipality and may be disclosed in accordance with a request made under MFIPPA.

Upon award, the Municipality may release the name of the successful Bidder, the name and telephone number of the contact person and the total bid price of the successful Bidder.

In accordance with requirements of MFIPPA, Bidders are reminded to identify in their submission material any specific scientific, technical, commercial, proprietary, or similar confidential information, the disclosure of which could cause them injury.

Bidders must specify their reasons and those sections of the Act that support the confidentiality. Confidential information must be included in a separate section of the submission. This will facilitate the ability to make other parts of the submission available to the public. In all circumstances, the provisions of the Municipal Freedom of Information and Protection of Privacy Act will prevail.

The successful Bidder acknowledges that the Municipality of Central Huron is required to handle Personal Information and Records in accordance with the provisions of the Municipal Freedom of Information and Protection of Privacy Act.

The successful Bidder agrees it has a privacy procedure that is equivalent to that of the Municipality and agrees to comply with any requirement established by the Municipality that is reasonably required to ensure that the Municipality meets its obligations under the Municipal Freedom of Information and Protection of Privacy Act and any other legislation in effect from time to time. The successful Bidder agrees to create, collect, receive, manage, access, use, retain, and dispose of the Personal Information and the Records only to perform the Work in accordance with the Contract.

Questions about collection of personal information and the Municipal Freedom of Information and Protection of Privacy Act, 1989, R.S.O. 1990, Chapter M.56, as amended, should be directed to:

Clerk
Municipality of Central Huron
23 Albert St. Clinton, ON N0M 1L0
(519) 482-3997
clerk@centralhuron.ca

3.33 Confidentiality

Bidders shall not at any time before, during or after completion of the contract, divulge any confidential information communicated to or acquired by the Bidder or disclosed by the Municipality.

Appendix A – Specifications

No.	Specifications	Confirmation Yes/No	Please Specify
1	The bidder must have been manufacturing fire apparatus continuously, without interruption for a minimum of fifteen (15) years.		
2	Photos of the proposed model to be included with the bid package with the customer's contact information.		
3	The apparatus manufacturer shall deliver the unit, with all fluids topped up upon delivery.		
4	The apparatus manufacturer must be a current member of the Fire Apparatus Manufacturers Association (FAMA). A copy of the certificate must be attached with the bid submittal.		
5	Unit will be manufactured and tested to current ULC guidelines		
6	French tags shall be provided in addition to standard English tags as defined for ULC Compliance.		
7	The Vehicle supplied shall meet or exceed the requirements of the following standards and requirements: NFPA 1901 (latest edition) and ULCS515 (latest edition) CMVSS o Ministry of Transportation of Ontario standards as set out in the "Highway Traffic Act and Regulations". The latest applicable S.A.E. (Society of Automotive Engineers) and UL (Underwriter Laboratory) standards and regulations. O.S.H.A. (Occupational Safety and Health Administration) recommended practices. The Ontario Occupational Health and Safety Act (OHSA). DOT/Ministry of transportation (Federal and Provincial) as applicable RIV or NSM if applicable		

8	The vehicle shall be certified by Underwriters Laboratories of Canada (ULC), as a Mobile Water Supply Apparatus as defined in the current edition of CAN/ULC- S515, Standard for Automobile Fire Fighting Apparatus. On vehicles equipped with a fire pump, as defined in Chapter 15 of CAN/ULC- S515, a pump test shall also be conducted, and a manufacturer's test plate attached to the vehicle at the pump operator's panel.		
9	The apparatus, prior to acceptance will be required to meet the vehicle stability of the applicable NFPA or ULC automotive fire apparatus standard.		
10	In all particulars not covered by this specification document, production shall be in accordance with good commercial practice		
11	Cab, chassis, body, and all components shall be new and be designed for use in the fire service.		
12	Vehicle shall have an MTO safety and have yellow sticker attached prior to delivery.		
13	Provide a weight and balance review/drawing. Calculated empty and loaded as per NFPA and ULC. Bidder must supply loaded axle weights in pounds and percent with their bid.		
14	Total weight of apparatus including all equipment listed in the equipment list attachment shall not exceed 90% of the GVWR, GFWR and GRWR.		
15	When the fire apparatus is loaded to its maximum in-service weight, the front to rear weight distribution of the apparatus shall be within the limits set by the chassis manufacturer and the height of the vehicle's center of gravity shall not exceed the chassis manufacturer's maximum limit.		

16	The GAWR and the GVWR of the chassis shall be adequate to carry the weight of the equipped apparatus, with the water tank and other tanks full, the specified hose load, unequipped personnel weight, and the miscellaneous equipment allowance. The miscellaneous equipment allowance shall be the greater of the value as stated in the CAN/ULC- S515, Standard for Automobile Fire Fighting Apparatus for the apparatus type specified, or a value specified by the purchaser.		
17	A theoretical weight calculation shall be provided to the purchaser prior to construction.		
18	The final manufacturer's certification of the GVWR and GAWR shall be provided on a label affixed to the completed apparatus.		
19	A weight certificate shall be furnished at the time of delivery indicating the weights on the front axle, rear axle and total weight for the completed apparatus, with water tank full, but without personnel, equipment or hose.		
20	Where the bidder proposes to supply any equipment not of their own manufacture, they shall state this in the bid document. Any outside manufacturer or subcontractor shall be bound by all terms and conditions, which would otherwise have applied to the bidder directly and shall be subject to the approval of the Municipality.		
21	Materials not defined here shall be of the best commercial quality and suitable for the purpose intended. NOTE A: Any modification to the chassis must be approved by the chassis manufacturer in writing. NOTE B: Under no conditions shall the frame flanges be drilled, or any part of the frame is welded unless approved by the chassis manufacturer in writing.		
22	The vendor to provide details of how warranty service will be provided		

23	Provide detailed warranty documentation for all warranties. Any exceptions to the warranty must be clearly indicated in the proposal. A copy of the warranty certificates to be submitted with the bid package.		
24	All 2.5 C.S.A. and 1.5-inch NPSH pump connections, hose, and equipment threads shall be Ontario Fire Department Standard.		
25	All bidders to include estimated delivery date		
Parts and Service Manuals			
26	One (1) operators' manual, in English, plus one (1) electronic file (USB drive) are required covering the operation and parts of the complete vehicle shall be provided with the unit on delivery.		
27	Manufacturer's warranty literature should be provided with the bid submission.		
28	One (1) complete hard copy 11" X 17" plus one (1) electronic file (USB drive) as-built wiring diagrams for the complete vehicle are required at delivery.		
29	Wiring diagrams must be in accordance with NFPA regulations. Wiring diagrams should identify the color and numbering on the wiring.		
30	One (1) chassis maintenance manual containing service information shall be provided with the unit on delivery.		
Contract Information for Service Facility			

31	The service facility shall be a 24/7 service center where a technician can be reached at any time or day for support or service call.		
32	For warranty repairs, the facilities, or portions thereof, as identified, shall be dedicated to the service and maintenance of the type of Vehicle(s) and/or equipment being offered. The Corporation of the Municipality of Central Huron reserves the right, at any time prior to contract award and/or during the contract period, to inspect the Contractor's, Service Provider's and/or Subcontractor's Service Facilities identified. The Corporation of the Municipality of Central Huron shall provide twenty-four (24) hours prior notice for an inspection. The Corporation of the Municipality of Central Huron shall verify that the Contractor's premise is deemed to have reasonable levels of trained personnel, documentation, licensing, and equipment, relevant to the work being maintained to support the requirements of the contract.		
33	The service provider shall have EVT certified technician on staff.		
34	The service provider shall have 310T license mechanic on staff.		
35	The service provider shall have certified pump technician on staff for the proposed pump manufacturer.		
Warranty			
36	The warranty shall cover the complete vehicle, 100% parts and labor for the year (1) year For clarification purposes, minor warranty repairs will include, but not be limited to; bulb, belt, and hose replacements etc.		

37	The warranty will be based on years and shall include all ancillary equipment included and installed on the unit upon acceptance by The Corporation of the Municipality of Central Huron.		
38	It is the intent of the wording of the minimum warranties referenced in the respective sections shall include all parts and labour on the complete component for the duration specified. For example: Engine shall include all ancillary attachments to the engine such as wiring harnesses, alternators, injectors, injection pumps, etc. The complete engine, not just the internal components of the engine. This would not include oil filters, belts, tires, brakes pads.		
39	In the event of a dispute between The Corporation of the Municipality of Central Huron and the manufacturer concerning the component in question, the component shall be forwarded to the Original Equipment Manufacturer for determination of failure. Should it be deemed to have failed because of negligence or abuse, the cost of the component will be borne by The Corporation of the Municipality of Central Huron, otherwise the cost will be borne by the Contractor. This would apply to all ancillary attachments to all components as referenced.		
40	The pump manufacture shall provide a limited manufacturer's pump warranty with total protection package to be free from defects in material and workmanship, under normal use and service, for a period of a minimum five (5) years from the date placed into service for parts, two (02) years labour.		

41	If the vehicle becomes immobile during the warranty period due to the failure of a warrantable component, the Contractor shall be responsible for the towing and/or float charges to transport the vehicle to the Contractor's facility and the Contractor shall return the vehicle to The Corporation of the Municipality of Central Huron facility all at the Contractor's sole expense, risk and responsibility.		
42	Where applicable, if the manufacturer provides a longer warranty period or a warranty that is more extensive in its nature, then the provisions of such manufacturer's warranty shall apply.		
43	A Stainless-steel Plumbing/Piping warranty shall be offered for a period of ten (10) years from the date of delivery.		
44	The warranty period shall commence from the "Delivery Day date" which is the date that the vehicle/material is delivered to The Corporation of the Municipality of Central Huron and received by The Corporation of the Municipality of Central Huron authority.		
45	Labour for the removal or installation of warranted parts, or components and any associated shipping fees will be the sole responsibility of the contractor.		
Specifications Overview			
46	Engineering drawings shall be submitted to the purchaser. The drawing shall show at a minimum the front, left, right and rear views of the vehicle, as it will look at the time or completion. A copy of this drawing shall be signed and returned to the apparatus manufacturer and become part of the vehicle contract.		

47	There shall be an application of Krown rust inhibitor, or an approved equivalent, applied to the chassis and the apparatus body as per the supplier's recommendation for maximum rust protection prior to delivery of the apparatus.		
48	The vehicle and its components shall be designed to operate in Canadian climate weather conditions (-18 to +43 degrees Celsius.) As winter conditions are very corrosive from the use of salt preventive measures shall be incorporated in its design and equipment to address the problem of corrosion and galvanic reaction.		
49	In the event of a conflict between the text of this document and the references cited herein, the text of the document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been indicated.		
50	Any error or omission in the specifications shall be immediately reported to the purchaser for correction.		
51	Where these specifications list only the major significant details of the units(s) or equipment required, it is the bidder's responsibility to provide a unit or the equipment fully equipped for its intended use, to provide dependable and efficient service and performance.		
52	The Supplier shall assume complete and overall responsibility for design, implementation of design and satisfactory operation for the completely new vehicle/equipment that meet this specification and its sub-systems.		

53	The Corporation of the Municipality of Central Huron shall be responsible for all costs of meetings and inspections at the manufacturer's location. There will be three (3) members of the fire department present for each meeting or inspection required. A minimum of five (5) business day's notification is required prior to each inspection. All meetings to be scheduled during the afternoon, between the hours of 1:00pm to 4:00pm. Factory pre-construction meeting and facilities tour Chassis inspection. Pre-paint inspection. Factory final inspection* Factory meetings and inspections denote the location the apparatus is built, and not at the dealer location the apparatus is delivered to prior to final delivery to the fire department. This is required to ensure that all requirements, changes, and other items deemed necessary by the fire department are carried out in the quickest fashion causing minimum delays.		
54	Concurrence by the Bidder to any specification requirement contained within this Request for Tender shall take precedence over any documentation accompanying the bid submission.		
Insurance			
55	The Contractor shall provide and maintain, at its sole expense, during the term of the contract, the following policies of insurance		

56	Bidders must maintain the following insurance in place, at minimum: \$2 million commercial general liability \$18 million umbrella liability \$2 million standard garage automobile liability \$5 million Excess Umbrella liability		
57	An Ontario Workplace Safety and Insurance Board eClearance report must be supplied with the submission documents (or equal for outside Ontario). The report must clearly show an "Eligible for Clearance" status.		
58	The liability insurance policies shall contain an endorsement to provide The Corporation of the Municipality of Central Huron with coverage. Notification of cancellation, must be done thirty (30) days prior in writing.		
59	Evidence of insurance satisfactory to The Corporation of the Municipality of Central Huron shall be provided prior to the commencement of work.		
Delivery			
60	If the successful bidder's manufacturing facility is located within 250 kilometres of the Municipality of Central Huron, the Municipality of Central Huron reserves the right to take delivery of the apparatus at the manufacturer's facility. Bidders shall include all delivery costs in their proposal pricing. Should the Municipality elect to pick up the apparatus, the delivery cost identified in the		

	proposal shall be deducted from the final contract price.		
61	Acceptance of the delivered apparatus and equipment will be made upon satisfactory completion of all required tests, receipt of all specified equipment and documentation and commissioning unit into service.		
62	The following items shall be furnished upon delivery of the vehicle: Certification that the optical warning system has been supplied and installed in compliance with NFPA 1901- Most Current edition A weight ticket from a certified scale showing the loading on the front axle, rear axle, and overall vehicle with water tank full but without hose, equipment or personnel ULC or UL certification of the fire pump. No exceptions. Tested and certified in accordance with Sections 12.13, 15.13, and 20.16.5 of CAN/ULC-S515-13. Certification of the water tank capacity		
63	An electrical load report on the proposed apparatus showing all electrical loads in the response and on-scene modes.		
64	Chassis line specifications ticket shall be supplied.		
Training			

65	The delivery shall include six (4) hours of apparatus familiarization, at minimum. It shall include vehicle familiarization and operation items only, as requested by the fire department. Topics to be discussed shall be provided by the fire department a minimum of two (2) weeks in advance to allow proper time to create a custom training session. The trainer shall be a body OEM supervisor familiar with all aspects of the apparatus construction. Under no circumstances will firefighting operations, tactics, and procedures be discussed as these are not relevant to fire apparatus manufacturing. The familiarization sessions shall be conducted in groups of five (5) firefighters.		
Cab & Chassis			
66	The apparatus is expected to operate at elevations less than 2000 ft. (610 m) above sea level. The contractor shall ensure the apparatus will perform to all requirements at the maximum specified elevation.		
67	The minimum angle of approach and departure shall not be less than 8 degrees.		
68	The preferred chassis, or approved equivalent, would be manufactured by Spartan, 2025 model year or newer. The cab to be a four-door cab with a seating capacity of six (6).		
69	The cab shall have an interior height of no less than 57.50 inches from the front floor to the headliner in the non-raised roof area and a rear floor to headliner height no less than 65.00 inches in the raised roof area.		

70	A Spartan FC-94 would be preferred, based on design and weight configuration.		
71	The cab shall be painted by the OEM. It will be painted a single colour per the customers specific paint colour following the RFG-SR-001 paint standards.		
72	Specify frame rail construction. Proposals calculating the frame strength using the "box method" shall not be considered. Proposals including heat treated rails shall not be considered. Heat treating frame rails produces rails that are not uniform in their mechanical properties throughout the length of the rail. Rails made of high strength, low alloy steel are already at the required yield strength prior to forming the rail		
73	Two (2) heavy duty tow hooks, painted to match the frame components, shall be installed below the front bumper in the forward position, bolted directly to the underside of each chassis frame rail with grade 8 bolts.		
74	Specify front axle type and weight capacity.		
75	Specify type of rear axle including axle weight capacity.		
76	Shall allow for a maximum top speed of 109 KPH.		
77	Provide aluminum wheel rims with mirror polish.		
78	Front and rear wheels to have stainless lug nut covers, hub caps and high hats.		
79	Front tires shall be Michelin 315/80R-22.5 20PR "L" tubeless radial XZUS 2 regional tread.		

	Rear tires shall be Michelin 12R-22.5 16PR "H" tubeless radial XDN2 all weather tread.		
80	The apparatus shall not exceed 33' in length.		
81	The apparatus shall not exceed 10.5' overall height.		
82	The fuel tank to have a capacity of at least 50 gallons.		
83	The cab ceiling and walls shall include a nonwoven polyester fiber insulation. The insulation shall act as a barrier absorbing noise as well as assisting in sustaining the desired climate within the cab		
84	Corrosion resistant, electrically heated power adjusted mirrors		
85	Corrosion resistant convex mirrors on both sides of truck.		
86	A tilt and telescopic steering column to be provided.		
87	Driver seat shall be an H.O Bostrom 400 series Firefighter Sierra model seat or equivalent		
88	Officer's seat shall be an H.O Bostrom 300 series Firefighter model seat or equivalent. The Officer's seat back shall feature a SecureAll SCBA locking system. The SecureAll shall include a release handle which shall be integrated into the seat cushion for quick and easy release. This will eliminate the need for straps or pull cords. The seat back shall include a removable padded cover.		
89	Four (4) rear seats shall be an H.O Bostrom 300 series Firefighter model seat or equivalent. The seat backs shall feature a Bostrom SecureAll SCBA locking system. The SecureAll		

	shall include a release handle which shall be integrated into the bottom seat cushion for quick and easy release. This will eliminate the need for straps or pull cords. The seat back shall include a removable padded cover.		
90	High output cab heater, air conditioning and defroster system.		
91	1x Shore power 120 volts - Cab to have two quad receptacles, behind the drivers seat and behind the officer seat.		
92	Provide an enclosed console installed between the Driver and Officer seats. Console to provide space to install switch panel, siren, controller for traffic advisor, PTO control and CHFD supplied mobile radio.		
93	An antenna base, for use with an NMO type antenna shall be mounted on the right hand front corner of the cab roof so not to interfere with lightbars or other roof mounted equipment installed by the chassis builder. The antenna cable shall be routed from the antenna base mounted on the roof to the area inside the centre rocker switch console.		
94	There will be a visual and audible warning system installed in the cab that indicates the occupant buckle status of all cab seating positions that are designed to be occupied during vehicle movement. The audible warning will activate when any seat is occupied with a minimum of 60 pounds and the corresponding seatbelt remains UNFASTENED.		

95	A warning label shall be provided in the cab within sight of the driver stating the seating capacity of the cab/crew cab. Another warning label shall be provided in the cab within sight of the driver that the occupants must be seated and belted.		
96	A warning label shall be provided in the cab within sight of the driver stating the following apparatus dimensions: Height and length in standard and metric measurements Gross vehicle weight rating in pounds and kilograms.		
97	There shall be an LED "Door Open" indicator light provided and installed in the chassis cab. The light will be installed on the console or dash and will activate when the parking brake is released and a compartment door or any additional specified accessible devices are not in the completely closed positions. A warning placard will be installed in the apparatus cab near the light, stating "Don Not Move Apparatus When Light Is On"		
98	Supply and install five (5) Talon helmet holders in the cab with sanded aluminum plates. Two (2) mounted on the left side of the rear wall. Two (2) mounted on the right side of the rear wall. One (1) mounted on top of the engine tunnel, final location TBD.		
99	The front bumper shall include a compartment in the bumper apron located in the center between the frame rails which may be used as a hose well. The compartment shall include drain holes in the bottom corners to allow excess moisture to escape. The compartment shall be the full size of available space in the apron from the cab fascia to the bumper and 38.00 inches wide X 12.00 inches deep. The clear opening shall be 37.75 inches wide. The front edge of the compartment shall include a rolled edge and angled		

	deflector to prevent hose and couplings from catching along the front edge of the compartment. The compartment shall also include a cover constructed of 0.19 inch thick bright embossed aluminum tread plate.		
100	The front bumper shall include two (2) Hadley brand E-Tone air horns or equivalent which will measure 21.00 inches with a 6.00 inch round flare. The air horns will be trumpet style with a chrome finish on the exterior.		
101	A single electric horn shall be installed controlled by steering wheel center horn pad.		
102	Where applicable, four (4) sets of keys shall be provided per vehicle for ignition, doors, cabinets, and all other attachments.		
103	The windshield shall include standard automotive tint. The remaining glass (doors etc..) will have standard green automotive tint which allow seventy-five (75%) percent light transmittance.		
104	A windshield washer system with the largest available OEM reservoir shall be installed.		
105	The seat belts will be red.		
106	All seats shall be equipped with three (3) point retractable seat belts.		
107	An Active Air Purification system will be installed in the cab. The system shall include a stainless-steel housing		

	and shall be located at the upper portion of the rear wall mounted in a horizontal orientation. The system shall be 12V DC and shall be active either when the ignition power is on, or when the shoreline is connected.		
Engine			
108	Provide an engine with a minimum 375 hp @ 2200 RPM. Specify proposed engine and provide specs.		
109	Provide an auxiliary engine brake retarder which can be turned on/off by a switch		
110	If exhaust modification is required, it must be approved by OEM.		
111	An air cleaner system to be provided which meets the engine manufacturer's requirements and be adequate for extended periods of engine operation. A dry type air cleaner shall be provided and mounted in an accessible location.		
112	Alternator to be 320 amp or approved equivalent for type or engine.		
113	The cooling system shall be of sufficient size to maintain the engine manufacturer's normal operating temperature while pumping, without the use of auxiliary coolers.		
Transmission			
114	Provide an Allison EVS 3000 automatic transmission, specify transmission type.		
115	A transmission temperature gauge shall be supplied on the cab dash with a warning light and buzzer for indicating high temperatures.		

116	Any modification to transmission must be done by the transmission manufacturer's representative.		
Brake and Air Systems			
117	Provide front and rear brake type being proposed.		
118	Supply an air dryer having a heated, automatic, moisture ejector		
119	Install manual drains on all reservoirs of the air brake system. Air tank drain cables shall be installed on the chassis. The drain cables shall be routed to the running board. The cables shall be labeled according to their function.		
120	Shop airline connection in the outside area near the driver door. This line must have an auto eject		
Pump			
121	A PTO pump to be of a size and design to mount on commercial and custom truck chassis, and have the capacity of 1250 imperial gallons per minute, NFPA 1901 rated performance.		
122	The pump shall be the Class "A" type and shall deliver the percentage of rated discharge at pressures indicated below. 100% of rated capacity at 150 PSI net pump pressure 100% of rated capacity at 165 PSI net pump pressure 70% of rated capacity at 200 PSI net pump pressure 50% of rated capacity at 250 PSI net pump pressure		

123	The pump to be driven by a transmission mounted power take-off (PTO). The engine shall provide sufficient horsepower and RPM to enable pump to meet and exceed its rated performance within the torque rating of the PTO.		
124	All pump and associated valves, unless otherwise noted, to be Akron "swing-out valves", or approved equivalent.		
125	A crosslay compartment to be provided over the pump compartment. There shall be two 45mm hose beds. The floor of each hose bed shall be equipped with removable floor decking. The 45mm hose beds shall each have the capacity for 200ft of cloth 45mm and a combination nozzle and will not be restricted by the hose bed cover. Cross lay lines to be connected to supply piping with swivel couplings. The crosslay hose bed area shall have a vinyl cover installed on the sides and top of the crosslay bed. The crosslay hose bed cover shall be black in colour.		
126	Provide a 3" tank to pump line with a manually operated valve		
127	Provide a 2.5" full flow pump to tank fill line with manually operated valve.		
128	Two (2) 6" master intakes inlets shall be provided, one (1) on the left side and one (1) on the right Side with chrome caps		
129	There shall be one (1) 2.5" intake on the left side of the apparatus, forward of the master intake. The plumbing shall consist of 2.5" piping, and shall incorporate a manual drain control installed		

	below the pump area for ease of access. The intake valve shall be operated with a swing control handle. The intake shall include the following components: One (1) 2.5" valve One (1) 2.5" Trident intake swivel One (1) 2.5" Trident self-venting plug, secured by a chain		
130	There shall be one (1) 2.5" intake on the right side of the apparatus, forward of the master intake. The plumbing shall consist of 2.5" piping, and shall incorporate a manual drain control installed below the pump area for ease of access. The intake valve shall be operated with a swing-control handle. The intake shall include the following components: One (1) 2.5" valve One (1) 2.5" Trident intake swivel One (1) 2.5" Trident self-venting plug, secured by a chain		
131	There shall be one (1) 2.5" discharge on the left side of the apparatus, located in the rear panel location. The plumbing shall consist of 2.5" piping and shall incorporate a manual drain control installed below the pump area for ease of access. The termination shall include the following components: One (1) 2.5" valve with push-pull control One (1) 2.5" elbow male adapter One (1) 2.5" cap, secured by a chain		
132	There shall be one (1) 2.5" discharge on the right side of the apparatus, located in the forward panel location. The plumbing shall consist of 2.5" piping and shall incorporate a manual drain control		

	installed below the pump area for ease of access. The termination shall include the following components: One (1) 2.5" valve with push-pull control One (1) 2.5" elbow male adapter One (1) 2.5" cap, secured by a chain		
133	4.0" RIGHT SIDE MASTER DISCHARGE - REAR PANEL LOCATION There shall be one (1) 4.0" discharge on the right side of the apparatus, located in the rear panel location. The plumbing shall consist of 3.0" piping and shall incorporate a manual drain control installed below the pump area for ease of access. The termination shall include the following components: One (1) 3.0" valve with push-pull control One (1) 4.0" adapter One (1) 4.0" x 4.0" storz elbow swivel adapter One (1) 4.0" storz cap, secured by a chain		
134	There shall be one (1) 3.0" deck gun discharge on the top of the pump module. The plumbing shall consist of 3.0" piping and shall incorporate an auto-drain. The termination shall include the following components: One (1) 3.0" valve with push-pull control One (1) 3.0" NH adapter The deck gun discharge pipe shall be left uncapped for fire department installation of a deck gun.		
135	One (1) 1.5" front bumper discharge outlet shall be provided. This discharge is foam capable One (1) 2.0" valve with push-pull control shall be provided. The front bumper discharge plumbing shall consist of 2" piping and shall incorporate a manual drain control installed below the pump area for ease of access.		

	Auto-drain(s) shall be installed in the discharge piping at the lowest point of the plumbed system. One (1) 2" NPT x 1.5" NPSH Trident polished swivel shall be provided. The use of a swivel shall allow hose payout to either side of the apparatus. The front bumper discharge shall be mounted on top of the gravel shield of the front bumper extension. The discharge shall be placed to the right of the hose well.		
136	There shall be two (2) 1.5" cross lays. These discharges are foam capable The plumbing shall consist of 2.0" piping and shall incorporate a manual drain control installed below the pump area for ease of access. Each termination shall include the following components: One (1) 2.0" valve with push-pull control One (1) 2.0" to 1.5" NPSH swivel, allowing deployment of the cross lay on either side of the truck		
137	There shall be one (1) 2.5" discharge on the rear of the apparatus, located on the rear wall below the hose bed on the right side. This discharge is foam capable, if a foam system is a selected item. The plumbing shall consist of 2.5" piping and shall incorporate a manual drain control installed below the pump area for ease of access. The termination shall include the following components: One (1) 2.5" valve with push-pull control One (1) 2.5" CSA elbow swivel male adapter One (1) 2.5" CSA cap, secured by a chain		

138	All discharges that are 2" or larger and are 42" or more above grade shall be equipped with a downward pointing elbow of 30 degrees or more. All discharges, except for those designated as pre-connects, shall have a chrome cap. Caps for discharges 3-½" and smaller shall be secured to the apparatus with suitable chains or cables.		
139	The left 6" steamer will be equipped with a master intake valve. The valve will be a full flow butterfly type designed to mount on the fire pump between the suction extension and the suction tube behind the pump panel. A pressure relief valve will be provided that is factory set to 125 PSI and field adjustable from 75 to 250 PSI. The pressure relief valve will provide overpressure protection for the suction hose even when the intake valve is closed. The inlet valve will be operated manually.		
140	All piping to be schedule 40 stainless steel grade 304 with Vitriolic couplings or approved equivalent. All piping arranged to eliminate water traps and allow for servicing.		

141	A Class 1 ESP-12 positive displacement oil-less, rotary vane electric motor driven pumper primer conforming to the requirements of (NFPA) 1901, Standard for Automotive Fire Apparatus, shall be installed on the apparatus. The pump body shall be manufactured of heat treated anodized aluminum for wear and corrosion resistance. The pump shall be capable of producing a minimum 24 Hg vacuum at 2000 feet above sea level. The electric motor shall be a 12 VDC totally enclosed unit. The priming pump shall not require lubrication. The electric priming pump shall be operated by a single push button control mounted on the pump operator's panel. The control valve shall be of all bronze construction.		
142	The pump house shall contain an engine recirculation heater that shall be plumbed to the engine cooling system and shall be controlled with a control on the operator's panel, minimum 40,000BTU.		
143	Pump control panel shall be on the driver's side of vehicle behind the cab.		
144	The Governor shall be a Class 1 TPG or approved equivalent.		
145	Area of pump compartment around suction inlets shall have panels that will allow the panels to be quickly removed for pump servicing.		
146	Pump gauge panel should be made from brushed stainless steel and hinged to allow easy access to rear of gauge panel.		

147	The pump operator's control panel and the right-side pump panel will each be illuminated by LED lights		
148	Class 1 4.5" gauges shall be supplied for the master intake and master discharge gauges. The master intake gauge and master discharge gauge shall be marked for a dual scale reading from -30 to 400 PSI/kPa. Each gauge shall have black and red markings on a white face, with OEM logo.		
149	A Class 1 2.5" gauge shall be supplied for reading the pressure of each discharge greater than 1.5" in diameter, unless otherwise specified. Each gauge shall be marked for reading a discharge pressure of 0-400 PSI/kPa. Each gauge shall have black and red markings on a white face, with OEM logo. Each gauge shall have chrome bezel provided.		
150	A Class 1 "TPG+" pressure governor pump panel control module and a pressure transducer shall be provided. LED readouts shall display RPM, engine oil pressure and oil temperature, engine temperature, transmission temperature, pump hours, total engine hours, fuel rate, and battery voltage. An audible alarm out put shall also be part of the system.		
151	All areas of the pump, piping, auxiliary devices shall be equipped with water drains to allow for complete draining to prevent freezing during winter operation.		

152	All outlets to have ¾" bleeds/drains.		
153	One (1) set of master gauge test ports with plugs shall be provided on the pump panel for testing of the intake and discharge pressure gauges.		
Water Tank			
154	The fire apparatus shall include a water tank. The water tank shall be mounted on the sub-frame, and removable for service if required. The water tank volume shall be 1,000 US gallons. The integral A foam tank volume shall be 30 US gallons. ULC and NFPA certified.		
155	Interior of tank must be provided with both longitudinal and transverse baffles to prevent the surge of water. Tank must be designed so that no water will spill from the overflow while vehicle is driving or stopping.		
156	Tank must be secured to vehicle so it will not bounce or shift.		
157	There shall be one (1) sump standard per tank. The sump shall be constructed of a minimum of 0.5" PT3 polypropylene and be located in the left front quarter of the tank, unless specified otherwise. On all tanks that require a front suction, a 3" schedule 40 polypropylene pipe shall be installed that will incorporate a dip tube from the front of the tank to the sump location. The sump shall have a minimum 3" N.P.T. threaded outlet on the bottom for a drain plug per NFPA. This		

	shall be used as a combination clean-out and drain. All tanks shall have an anti-swirl plate located approximately 3" above the inside floor.		
Body			
158	The body will match OEM paint colour.		
159	All body joints must be completely welded. Intermittent welds and joint sealer will not be accepted. Joints should be welded on the exterior side especially on the underside of the body.		
160	Provide body design and compartment size layout drawing that must be approved by Central Huron Fire Department prior to vehicle construction.		
161	Inner wheel well fenders should be installed and extend to the outer body, enclosed at the rear and form a welded watertight seal.		
162	Mud flaps to be installed front and rear.		
163	Rub rails shall be spaced out from the body to allow for drainage and prevent corrosion from dirt build up.		
164	Two (2) tow eyes to be mounted threw the body at the rear of the vehicle to allow towing (not lifting) of the apparatus without damage.		
165	The cab shall incorporate a progressive two (2) step configuration from the ground to the cab floor at each door opening. The progressive steps are vertically staggered and extend the full		

	width of each step well allowing personnel in full firefighting gear to enter and exit the cab easily and safely.		
Following Compartment configuration may vary on bidders discretion. The following is a guide. Design may vary with chassis and water tank capacity. Bidders will not be penalized for slightly different compartment configuration.			
166	Compartment L1: Provide a full height compartment located ahead of the rear wheels on the left side of the apparatus body. This compartment to be designated as L1 within these specifications and any ensuing paperwork or drawings after contract execution. It shall be equipped with a roll-up door and pull-down straps. Provide two adjustable shelves on the upper. Provide one (1) floor mounted pullout tray on the lower The compartment shall have power capability via one (1) 5-15 amp dual duplex wall plug at eye level connected to the shore power.		
167	Compartment L2: Provide a full height compartment above the rear wheel on the left side of the apparatus body. This compartment to be designated as L2 within these specifications and any ensuing paperwork or drawings after contract execution. It shall be equipped with a roll-up door and pull-down straps. Provide one (1) adjustable shelf on the upper. Provide one (1) floor mounted pullout tray		

168	Compartment L3: Provide a compartment behind the rear wheels on the left side of the apparatus body. This compartment to be designated as L3 within these specifications and any ensuing paperwork or drawings after contract execution. It shall be equipped with a roll-up door and pull down straps. Provide two (2) adjustable shelves. The compartment shall have power capability via one (1) quad receptacle Shore Power 120 volts at eye level		
169	Compartment R1: Provide a compartment located ahead of the rear wheels on the right side of the apparatus body. This compartment to be designated as R1 within these specifications and any ensuing paperwork or drawings after contract execution. It shall be equipped with a roll-up door and pull-down straps. Provide one (1) floor mounted roll-out tray and two (2) half depth adjustable shelves. The compartment shall have power capability via two (2) quad receptacles Shore Power 120 volts at eye level		

170	Compartment R2: The compartment above the rear wheel on the right side of the apparatus body. This compartment to be designated as R2 within these specifications and any ensuing paperwork or drawings after contract execution. It shall be equipped with a roll- up door and pull down straps. Provide one (1) floor mounted roll-out tray and one (1) half depth adjustable shelves.		
171	Compartment R3: Provide a compartment behind the rear wheels on the right side of the apparatus body. This compartment to be designated as R3 within these specifications and any ensuing paperwork or drawings after contract execution. It shall be equipped with a roll-up door and pull down straps. Provide two (2) half depth adjustable shelves.		

172	Compartment B1: Provide a compartment at the rear of the apparatus. This compartment to be designated as B1 within these specifications and any ensuing paperwork or drawings after contract execution. It shall be equipped with a roll-up door and pull down straps. Provide one (1) floor mounted roll-out tray Supply and install one (1) adjustable height roll-out tray		
173	The Body shall be equipped with nine (9) SCBA cylinder storage compartments on the driver side and curb side of the vehicle. This will allow for the storage of eight (14) SCBAs in total.		
174	Provide rear access compartment for storage of: 1 -24 foot extension ladder 1 – 14 foot roof ladder 1- 10 foot foldable attic ladder 2-10 foot – 6” Hard suction lines 2- 10 foot – 65mm Hard Suction lines 1 –pike poles and/or roof hooks.		
175	All compartments shall be weatherproof.		

176	Provide a hose bed which will be full length, extending to the rear of the body. Hose bed to be designed to allow for amount of hose NFPA 1901 (Latest edition) and ULC S515-13 required for a pumper. The hose bed will have two dividers.		
177	The hose bed flooring shall be covered with black Turtle-Tile overlay.		
178	One (1) hose bed cover to be provided. The cover shall be made of aluminum checker plate. Each door shall be attached to the body with heavy duty stainless piano hinges. The doors shall be full length from the front of the hose bed to the rear of the hose bed. The dunnage area shall be left open. Each hose bed door shall include a length of safety chain. The chain will prevent the door from overextending. Two (2) 24" handrails on the rear hose bed doors, with one (1) each facing the rear. The doors shall have four (4) lights installed on the undersurfaces, used to illuminate the hose bed and surrounding area. Supply and install a heavy duty 2-piece split black vinyl end tarp. Each piece shall include Velcro, to allow it to split and separate when the hose bed doors are open.		
179	Applicable grabs rails shall be installed around the apparatus in applicable spots		
180	Supply and install one (1) Zico RL15-2-4 access ladder. The ladder will have two (2) lower folding steps and four (4) upper steps, each being 15" wide. The ladder will collapse against the body when in the stored position and secured with a sprung lock. Supply and install four (4) 45-degree LED lights. The lights shall be mounted on the rear		

	wall, positioned to effectively illuminate the ladder steps.		
181	The tailboard shall be an independent assembly bolted to the rear body structural framing to provide body protection and a solid rear stepping platform. The tailboard shall be designed to incorporate crush-style fabrication. The tailboard stepping surface shall be constructed of embossed aluminum checker plate to meet minimum standard requirements for slip resistance. The tailboard shall extend 16" from the rear wall, including a 1" gap between the rear wall and a 1/2" gap at the end of the tailboard stepping surface. The measurement shall also include the rub rail.		
Electrical 12/120/240 Volt			
182	Apparatus shall comply with NFPA 1901 lumen requirements.		
183	Provide emergency lighting to meet current NFPA requirements. Provide proposed emergency lighting including manufacture and model.		
184	Install dual shore connections. One for Air brakes and battery tender. Second for 120-volt receptacles in compartments and center console.		
185	A minimum 45-amp (12 volt) battery charger/conditioner will be provided and installed in the "best fit" location as determined by the apparatus manufacture.		
186	A master electrical disconnect switch to be located on driver's position of dash.		

187	One (1) Audiovox Voyager heavy duty box shaped HD camera or equivalent for the rear of the vehicle.		
188	All wiring shall be run in such a manner as to be well protected, from mechanical damage and water/salt corrosion.		
189	All electrical circuits to be identified by circuit number or wording on circuit diagram on a wire.		
190	Supply and install Back up warning alarm with a minimum output of 107dB.		
191	Install CHFD supplied mobile radio in console within reach of the driver and officer.		
192	Provide LED ground lighting under cab steps,		
193	Two (2) Federal Signal QuadraFlare series 12V LED surface-mounted scene lights with chrome bezels shall be supplied, located as follows: One (1) on the right side upper body, front corner, inboard of warning lights (if equipped) One (1) on the right side upper body, rear corner, inboard of warning lights (if equipped)		
194	Two (2) Federal Signal QuadraFlare series 12V LED surface-mounted scene lights with chrome bezels shall be supplied, located as follows: Two (2) on the rear upper body, in the corners, below the warning lights (if equipped) The C-upper scene lights shall be switched on the Spartan chassis switch panel, on a switch provided with the chassis. The C-upper scene lights shall automatically turn on when the apparatus is in reverse.		

195	Two (2) Federal Signal QuadraFlare series 12V LED surface-mounted scene lights with chrome bezels shall be supplied, located as follows: One (1) on the left side upper body, front corner, inboard of warning lights (if equipped) One (1) on the left side upper body, rear corner, inboard of warning lights (if equipped)		
196	The lightbar provisions shall be for one (1) NFPA compliant Federal Signal brand Navigator LED lightbar mounted centered on the front of the cab roof. The lightbar shall be 73.00 inches in length. The lightbar shall feature eight (8) red LED lights and four (4) clear LED lights.		
197	The cab front fascia shall include two (2) Federal Signal Quadra Flare LED front warning lights in the left and right inboard positions. The lights shall feature advanced Solaris technology and include a built in flasher capable of multiple flash patterns. The lights shall be mounted to the front fascia of the cab within a chrome bezel.		
198	A Federal PA300 electronic siren control head shall be provided. The siren head shall be a model 690010 and shall feature 200-watt output, high-low tone, and a built-in noise cancelling microphone. The siren shall to be mounted to protrude through the center panel of the cab dash in the lower section of the panel just left of the center of the panel.		
199	Install all required NFPA compliant reflective striping.		

200	Supply and install vehicle graphics in accordance with the customers request to ensure consistency with current fleet design. 1"4"1" (1" space) white on cab striping 1"4"1" (1" space) red on body hockey stick striping Front and rear door decals. Final approval for graphics layout shall be obtained from CHFD prior to installation.		
201	The rear body shall include reflective chevrons and shall cover the rear body panels. The chevron striping will be made up of 6" wide reflective and shall be in an inverted "V" pattern, also known as an "A" pattern. Any rear compartments shall not include chevrons. The chevrons shall include the following colors: 6" diamond grade red 6" diamond grade fluorescent yellow-green		
202	The front bumper shall have reflective chevrons the following colors: 6" diamond grade red 6" diamond grade fluorescent yellow-green		
Additional Equipment Provided			
203	One (1) 24' 2-section extension ladder		
204	One (1) 14' roof ladder		
205	One (1) 10' attic ladder		
206	2 – 6" Flexible lightweight Suction Hose 10'		
207	two (2) wheel chocks		
208	One (1) 6' pike pole One (1) 8' pike pole		
209	Supply and install one (1) Command Light CL602D-FR-BL or equivalent with backlight on the cab roof.		

	Light tower will be standard grey paint with tethered controller installed on the front wall of L1 compartment.		
210	2 – Sets of hose keys, each set mounted on opposite sides of the pump panel.		