Rural Municipality of St. Clements

BID OPPORTUNITY

SUPPLY & DELIVERY OFTWO (2) RAPID RESPONSE FIRE APPARATUS/VEHICLE

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January 14, 2019

FORM A: BID
(See B7)

1. Contract Title

SUPPLY & DELIVERY OF TWO (2) RAPID RESPONSE FIRE APPARATUS/UNITS

2. Bidder

_____
Name of Bidder

_____
Street

_____
City Province Postal Code

_____
Facsimile Number

(Mailing address if different)

_____
Street or P.O. Box

_____
City Province Postal Code

The Bidder is:

(Choose one)

☐ a sole proprietor

☐ a partnership

☐ a corporation

conducting business under the above name.

3. Contact Person

The Bidder hereby authorizes the following contact person to represent the Bidder for purposes of the Bid.

_____
Contact Person Title

_____
Telephone Number Facsimile Number E-Mail address

4. Offer

The Bidder hereby offers to perform the Work in accordance with the Contract for the price(s), in Canadian funds, set out on Form B: Prices, appended hereto.

5. Commencement of the Work

The Bidder agrees that no Work shall commence until he is in receipt of a notice of award from the R.M. of St. Clements Protective Services Manager authorizing the commencement of the Work.

6. Contract

The Bidder agrees that the Bid Opportunity in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid.

7. Addenda

The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:

No. _____ Dated _____

_____ _____

_____ _____

8. Time

This offer shall be open for acceptance, binding and irrevocable for a period of thirty (30) Calendar Days following the Submission Deadline and up to sixty (60) Calendar Days if mutually agreeable.

9. Signatures

In witness whereof the Bidder or the Bidder's authorized official or officials have signed this

_____ day of _____ , 20_____ .

Signature of Bidder or
Bidder's Authorized Official or Officials

_____

_____
(Print here name and official capacity of individual whose signature appears above)

_____

_____
(Print here name and official capacity of individual whose signature appears above)

FORM B: PRICES

SUPPLY & DELIVERY OF TWO RAPID RESPONSE FIRE APPARATUS VEHICLE

ITEM NO.	DESCRIPTION	QTY	AMOUNT
1.	SUPPLY & DELIVERY OF F550 4 DOOR RAPID RESPONSE APPARTUS/UNIT	(2)	$_____
TOTAL BID PRICE (only GST and PST extra where applicable) (in figures) $ _____ (in words) _____ _____			
Continued next page			

Options:

_____

Print Name of Bidder

_____

Signature of Bidder

FORM C: DETAILED SPECIFICATIONS

Fire Services	**YES**	**NO**	**EXCEPTIONS**
ANGLE OF APPROACH The angle of approach for the apparatus shall not be less than eight (8) degrees as specified by the current edition of NFPA 1901. ANGLE OF DEPARTURE The angle of departure for the apparatus shall not be less than eight (8) degrees as specified by the current edition of NFPA 1901. NFPA Equipment Allowances NFPA SPECIAL SERVICE EQUIPMENT ALLOWANCE In compliance with NFPA #1901 standards, the apparatus shall be engineered to provide an allowance of 1500 pounds of fire department provided loose equipment. CENTER OF GRAVITY The apparatus, prior to acceptance, will be required to meet the vehicle stability of the applicable NFPA Automotive Fire Apparatus Standard. A calculated center of gravity shall be provided. The calculated or measured center of gravity (CG) shall be no higher that 80-percent of the rear axle track width. ENGINEERING BLUEPRINTS Bidder must submit "proposal" blueprints which are “representative” of the vehicle being proposed and these have been generated on computer-aided-design (CAD) equipment. The blueprints submitted shall be on "B" size paper, 11" x 17" in size and views are on 1/16" to 1" scale. The blueprints are provided as follows: Sheet No. 1: Left side exterior view Right side exterior view Rear exterior view Bidder shall provide construction drawings for approval prior to actual construction of the vehicle. The design of the equipment is in accordance with the best engineering practices. The equipment design and accessory installation shall permit accessibility for use, maintenance and service. All components and assemblies shall be free of hazardous protrusions, sharp edges, cracks or other elements, which might cause injury to personnel or equipment. All oil, hydraulic, and air tubing lines and electrical wiring shall be located in protective positions properly attached to the frame or body structure and shall have protective loom or grommets at each point where they pass through structural members, except where a through-frame connector is necessary. Parts and components will be located or positioned for rapid and simple inspection			

and recognition of excessive wear or potential failure. Whenever functional layout of operating components determines that physical or visual interference between items cannot be avoided, the item predicted to require the most maintenance shall be located for best accessibility.

CHANGE ORDERS

To ensure the proper engineering and construction of the purchaser's custom fire apparatus in a timely manner, the contractor shall consider the order final and complete after any changes made during the pre-construction conference are mutually approved. Change orders requested after the pre-construction conference are discouraged. It shall be understood and agreed that any changes, if approved, after the order has been released to Engineering, shall constitute a valid cause for production delay and without penalty to the contractor.

PRE-CONSTRUCTION CONFERENCE (AT FIRE DEPARTMENT)

A pre-construction conference shall be conducted at the Fire Department Headquarters, at which time all final designs and equipment mounting locations will be approved, prior to any sheet metal being cut. A factory-trained dealer shall be present during the pre-construction conference to answer any design questions relating to the layout of the apparatus. All expenses for travel, meals, and lodging shall be included.

BIDDER SHALL INDICATE INTENTION TO PROVIDE THE REQUIRED PRE-CONSTRUCTION CONFERENCE IN THE PROPOSAL PACKET.

INSPECTION TRIPS

Final Inspection trips for two (2) Fire Department personnel shall be made to the facility upon completion of the apparatus. Successful bidder shall consult with Fire Department committee chairperson as to the proper timing of the inspection trips. Transportation, meals, and lodging expenses shall be included.

BIDDER SHALL INDICATE INTENTION TO PROVIDE THE REQUIRED INSPECTION TRIPS IN THE PROPOSAL PACKET.

ISO COMPLIANCE

The manufacturer shall operate a Quality Management System under the requirements of ISO 9001. These standards sponsored by the "International Organization for Standardization (ISO)" specify the quality systems that shall be established by the manufacturer for design, manufacture, installation and service. A copy of the certificate of compliance shall be included with the bid.

DELIVERED UNITS

The vehicle manufacturer shall provide a listing of five (5) recently delivered units of similar design. The list shall include a contact person and phone number who represents the purchaser.

CHASSIS

A Dealer supplied chassis shall be furnished as follows:

- F 550 4 Door
- 6.7L Diesel Engine
- XLT Trim Package
- 84” CA

• 19,500 GVW • Dual Alternators, 320 amp total • Ambulance Prep Package • Air, Tilt, Cruise • Grey Interior • 40/20/40 Front Seats. • Aluminum Wheels • Upfitter Module System • Black Vinyl Floor Covering W All-weather Mats • Engine Block Heater • Max Traction Tire Option Please price as options: • Ford 110V AC Power Inverter • Ford Navigation System LOW VOLTAGE ELECTRICAL SYSTEM SPECIFICATIONS The electrical system shall include all panels, electrical components, switches and relays, wiring harnesses and other electrical components. The electrical equipment installed by the apparatus manufacturer shall conform to current automotive electrical system standards, the latest Federal DOT standards, and the requirements of the applicable NFPA standards. All wiring shall be stranded copper or copper alloy conductors of a gauge rated to carry 125 percent of the maximum current for the protected circuit. Voltage drops in all wiring from the power source to the using device shall not exceed 10 percent. The wiring and wiring harness and insulation shall be in conformance to applicable SAE and NFPA standards. The wiring harness shall conform to SAE J-1128 with GXL temperature properties. All exposed wiring shall be protected in a loom with a minimum 289 degree Fahrenheit rating. All wiring looms shall be properly supported and attached to body members. The electrical conductors shall be constructed in accordance with applicable SAE standards, except when good engineering practice requires special construction. The wiring connections and terminations shall use a method that provides a positive mechanical and electrical connection and shall be installed in accordance with the device manufacturer's instructions. Electrical connections shall be with mechanical type fasteners and large rubber grommets where wiring passes through metal panels. The wiring between the cab and body shall be joined using Deutsche type connectors or an enclosed in a terminal junction panel area. This system will permit body removal with minimal impact on the apparatus electrical system. All connections shall be crimp-type with insulated shanks to resist moisture and foreign debris such as grease and road grime. Weather-resistant connectors shall be provided throughout to ensure the integrity of the electrical system. Any electrical junction or terminal boxes shall be weather resistant and located away from water spray conditions. In addition, the main body junction panel shall house the automatic reset breakers and relays where required. There shall be no exposed electrical cabling, harnesses, or terminal connections located in compartments, unless they are enclosed in a junction box or covered with a removable electrical panel. The wiring shall be secured in place and protected against heat, liquid contaminants and damage. Wiring shall be uniquely			

identified every three-inches (3") by color coding or permanent marking with a circuit function code and identified on a reference chart or electrical wiring schematic per requirements of applicable NFPA #1901 standards. The electrical circuits shall be provided with low voltage overcurrent protective devices. Such devices shall be accessible and located in required terminal connection locations or weather resistant enclosures. The overcurrent protection shall be suitable for electrical equipment and shall be automatic reset type and meet SAE standards. All electrical equipment, switches, relays, terminals, and connectors shall have a direct current rating of 125 percent of maximum current for which the circuit is protected. The system shall have electro-magnetic interference suppression provided as required in applicable SAE standards. The electrical system shall include the following: Electrical terminals in weather exposed areas shall have a non-conductive grease or spray applied. A corrosion preventative compound shall be applicable to all terminal plugs located outside of the cab or body. The electrical wiring shall be harnessed or be placed in a protective loom. Holes made in the roof shall be caulked with silicone. Large fender washers shall be used when fastening equipment to the underside of the cab roof. Any electrical component that is installed in an exposed area shall be mounted in a manner that will not allow moisture to accumulate in it. A coil of wire must be provided behind an electrical appliance to allow them to be pulled away from mounting area for inspection and service work. All lights that have their sockets in a weather exposed area shall have corrosion preventative compound added to the socket terminal area. The warning lights shall be switched in the chassis cab with labeled switches in an accessible location. Individual rocker switches shall be provided only for warning lights provided over the minimum level of warning lights in either the stationary or moving modes. All electrical equipment switches shall be mounted on a switch panel mounted in the cab convenient to the operator. The warning light switches shall be of the rocker type. For easy nighttime operation, an integral indicator light shall be provided to indicate when the circuit is energized. All switches shall be appropriately identified as to their function. A single warning light switch shall activate all required warning lights. This switch will allow the vehicle to respond to an emergency and "call for the right of way". When the parking brake is applied, a "blocking right of way" system shall automatically activate per requirements of the applicable NFPA standards. All "clear" warning lights shall be automatically turned off upon application of the parking brake. NFPA REQUIRED TESTING OF ELECTRICAL SYSTEM The apparatus shall be electrically tested upon completion of the vehicle and prior to delivery. The electrical testing, certifications, and test results shall be submitted with delivery documentation per requirements of the applicable NFPA standards. The following minimum testing shall be completed by the apparatus manufacturer: 1. Reserve capacity test: The engine shall be started and kept running until the engine and engine compartment temperatures are stabilized at normal operating temperatures and the battery system is fully charged. The engine shall be shut off and the minimum continuous electrical load shall be activated for ten (10) minutes. All electrical loads shall be turned off prior to attempting to restart the engine. The battery			

system shall then be capable of restarting the engine. Failure to restart the engine shall be considered a failed test. 2. Alternator performance test at idle: The minimum continuous electrical load shall be activated with the engine running at idle speed. The engine temperature shall be stabilized at normal operating temperature. The battery system shall be tested to detect the presence of battery discharge current. The detection of battery discharge current shall be considered a test failure. 3. Alternator performance test at full load: The total continuous electrical load shall be activated with the engine running up to the engine manufacturer's governed speed. The test duration shall be a minimum of two (2) hours. Activation of the load management system is permitted during this test. However, if an alarm sounds due to excessive battery discharge, as detected by the system requirements in the NFPA standards, or a system voltage of less than 11.7 volts dc for more than 120 seconds is present, the test has failed. 4. Low voltage alarm test: Following the completion of the above tests, the engine shall be shut off. The total continuous electrical load shall be activated and shall continue to be applied until the excessive battery discharge alarm activates. The battery voltage shall be measured at the battery terminals. With the load still applied, a reading of less than 11.7 volts dc for a 12 volt system shall be considered a test failure. The battery system shall then be able to restart the engine. Failure to restart the engine shall be considered a test failure. NFPA REQUIRED DOCUMENTATION The following documentation shall be provided on delivery of the apparatus: a. Documentation of the electrical system performance tests required above. b. A written load analysis, including: 1. The nameplate rating of the alternator. 2. The alternator rating under the conditions. 3. Each specified component load. 4. Individual intermittent loads. LOAD MANAGER 2 The apparatus shall be equipped with a Kussmaul model 091-79 Automatic Load Shedding System for performing continuous electrical load management. The Load Manager shall have the following features: Monitor 12-volt system and detect low voltage. Capability to control two (2) loads. Automatic reset when voltage rises. Adjustable voltage set point. The load manager shall be protected against reverse polarity and shorted outputs,			

and be enclosed in an enclosure to enhance EMI/RFI protection. The manufacturer shall provide for all electrical loads in excess of the NFPA minimum electrical requirements that exceed the alternator output. HIGH IDLE SYSTEM There shall be a high idle system furnished and installed on the apparatus. The high idle system shall have an on/off switch located in the chassis on the switch console. The system shall have an interlock that will disable the solenoid if the parking brake is not completely set. ELECTRICAL CONSOLE WITH EMERGENCY LIGHT SWITCH PANEL – THERMAL COATED An electrical console shall be constructed of .125" black LineX coated smooth aluminum material, and mounted in the cab of the truck chassis. Console shall be designed and installed between the driver and passenger seats. The top face of the console shall be designed as the switch panel for all emergency light switches. The switch panel shall be hinged for easy access to the switch connections. All emergency light switches shall be lighted, rocker style. Switches shall be internally lit when the switch circuit is in the on position. A plug-in identification label is to be provided and installed adjacent to each rocker switch with backlighting provided behind the label. SWITCHES A rocker style internally lighted switch shall be provided and wired through a heavy-duty relay to activate power to the emergency lights. The emergency lights shall be activated by a single "MASTER SWITCH" on the electrical console. BATTERY SYSTEM The battery system shall be supplied with the chassis. MASTER ELECTRIC SWITCH One (1) master battery disconnect switch shall be located conveniently to the driver of the apparatus. The switch shall disconnect the 12 volt power supply from the battery system. A green "Master On" light shall be provided. This light shall illuminate anytime the master switch is in the "ON" position. BATTERY SYSTEM INDICATOR LIGHT One (1) red battery "on" light shall be provided on the front center of the cab. BATTERY CHARGER A Blue Sea Systems P12, 40 amp, 90-264VAC battery charger will be supplied with the apparatus. The charger is capable of charging batteries and functioning as a continuous 40 amp 12VDC power supply. The charger features a cast aluminum housing. BATTERY CHARGER DISPLAY One (1) Blue Sea EV battery charger display shall be installed.			

AUTO-EJECT A Blue Sea Systems "Sure-Eject" (#7851) automatic disconnect device shall be provided and installed on the 110-volt shoreline connection complete with weatherproof cover and matching plug. The Auto-Eject shall be activated by the chassis starter switch to disconnect the plug. SHORE POWER PLUG The shore power plug shall be located at the left front cab door. 12 VOLT POWER SOURCE One (1) 12 volt power and ground connection rated at 30 amps shall be provided on the apparatus for the installation of a mobile two-way radio. The power source shall be run through the chassis master battery switch and shall be deactivated when the master switch is in the "OFF" position. INTERIOR CAB CLEAR DOME LIGHT Four (4) Whelen 6" round super-LED model 60C0EJCS shall be provided. The white 12-volt interior light shall incorporate six (6) clear super-LED and a clear non-optic translucent hard coated polycarbonate lens for maximum output. The 60C0EJCS includes an on/off dual switch function. The solid state interior light shall be vibration resistant. ENGINE COMPARTMENT LIGHT One (1) 12 volt LED light with switch shall be mounted in the engine enclosure. The control switch shall be mounted on the light head. LIGHT MOUNTING LOCATION The mounting location for the specified light shall be on the right rear of the apparatus body. *** Scene light to be mounted on Rt Rear of body SCENE LIGHT One (1) Akron Brass, Extenda-Lite, item ELRE-XLDC-W-PS with a Push-Up style telescoping pole equipped with side mounting brackets shall be provided. All mounting brackets and pole fittings shall be heavy duty, cast aluminum and powder painted white to match the light head. Each telescoping pole shall be equipped with a 220 watt light head with the front bezel painted white. The light head shall contain 44 high power LEDs and a customized optic design including flood and spot. The light head shall operate from 10-32 VDC and maintain stable light output of 28,000 lumens and constant power consumption of 220W (current = power / voltage). The light shall have three optional brightness modes that can be selected using the switch on the light head. The light head shall tilt up and down with one heavy duty handle and shall be mounted on to the top of			

the pole with a swivel assembly. The tilt angle of the head shall be adjustable using a push button on the swivel. An on/off switch with weather-proof boot shall be provided on the swivel assembly. The inside pole shall be sixty inches (60”) long and the outside pole shall be eleven and one half inches (11-1/2”) in length as standard or lengths can be adjusted by the manufacturer as required to fit a specified mounting location. All inside and outside poles shall be made only from drawn aluminum tubes. Each pole shall be deep etched, wire brushed and clear anodized to ensure a corrosion free appearance and lasting durability. The Push-Up telescoping pole shall rotate 320 degrees left or right. The apparatus manufacturer shall provide wiring for each of the installed lights and it shall be capable of carrying the maximum load required by that light and protected by a properly sized circuit breaker. The Extenda-Lite Pole shall have a 5 year warranty. The Revel LED head shall have a 6 year warranty. SCENE LIGHT SWITCHING One (1) scene light switch with indicator shall be installed on the cab main switch panel to control the rear scene light(s). The switch shall be labeled "REAR SCENE". LIGHT MOUNTING LOCATION The mounting location for the specified light shall be on the right front of the apparatus body. *** Scene light to be mounted on Rt front side of body SCENE LIGHT One (1) Akron Brass, Extenda-Lite Pull-Up Light, item ELRE-XLDC-W-PU with a Pull-Up style telescoping pole equipped with side mounting brackets shall be provided. All mounting brackets and pole fittings shall be heavy duty, cast aluminum and powder painted white to match the light head. Each telescoping pole shall be equipped with a 220 watt light head with the front bezel painted white. The light head shall contain 44 high power LEDs and a customized optic design including flood and spot. The light head shall operate from 10-32 VDC and maintain stable light output of 28,000 lumens and constant power consumption of 220W (current = power / voltage). The light shall have three optional brightness modes that can be selected using the switch on the light head. The light head shall tilt up and down with one heavy duty handle and shall be mounted on to the top of the pole with a swivel assembly. The tilt angle of the head shall be adjustable using a push button on the swivel. An on/off switch with weather-proof boot shall be provided on the swivel assembly. The outside pole shall be fifty eight inches (544”) long and the inside pole shall be forty eight inches (444”) in length as standard or lengths can be adjusted by the manufacturer as required to fit a specified mounting location. All inside and outside poles shall be made only from drawn aluminum tubes. Each pole shall be deep etched, wire brushed and clear anodized to ensure a corrosion free appearance and lasting durability. The Pull-Up telescoping pole shall rotate 320 degrees left or right. The apparatus manufacturer shall provide wiring for the installed light and it shall be capable of carrying the maximum load required by that light and protected by a properly sized circuit breaker.			

The Extenda-Lite Pole shall have a 5 year warranty. The Revel LED light head shall have a 6 year warranty. SCENE LIGHT SWITCHING One (1) scene light switch with indicator shall be installed on the cab main switch panel to control the left side scene light(s). The switch shall be labeled "RIGHT SCENE". SCENE LIGHT SWITCHING One (1) scene light switch with indicator shall be installed on the cab main switch panel to control the right side scene light(s). The switch shall be labeled "RIGHT SCENE". BACK-UP ALARM One (1) automatic electric back-up alarm shall be wired to the back-up light circuit, and mounted under the rear of the apparatus body. MAP LIGHT One (1) Federal model #LF18TSB-LED map light with a goose neck light arm shall be provided on the right side dash or console area of the chassis cab. The light shall be 12 volt LED, with the neck extending from the top of the switch chassis, and have an on-off switch located on the base of the light. *** Light shall be mounted on rt side of center consol. HAND LIGHTS All NFPA required portable hand lights supplied by the Customer must be installed before the apparatus is placed into service. RADIO ANTENNA BASE Two (2) radio antenna base shall be supplied and installed on the apparatus, the antenna coax terminating in the cab. The location shall be determined by the customer. MARKER LIGHTS LED marker lights shall be installed on the vehicle in conformance to the Department of Transportation requirements. LICENSE PLATE BRACKET One (1) stainless steel license plate bracket shall be provided at the rear of the apparatus. The bracket shall have a LED light. LICENSE PLATE BRACKET One (1) stainless steel license plate bracket shall be provided at the front bumper. TAIL LIGHTS			

One (1) pair of Whelen M6 LED tail/brake lights shall be provided. The rectangular 4"x6" lights shall be red. TURN SIGNALS One (1) pair of Whelen M6 LED turn signals with populated sequential chevron arrow shall be provided. BACKUP LIGHTS One (1) pair of Whelen Series M6 LED backup lights shall be installed on the rear of the apparatus body. The dimensions shall be 4" x 6" and the lens color shall be clear. FOUR LIGHT HOUSING One (1) pair of chrome plated tail light housings shall be supplied. Each housing shall be designed to hold four (4) Whelen M6 rear lights located at the lower rear corners of the body. GROUND LIGHTS There shall be two (2) Whelen 3SC0CDCR LED lights provided under the front bumper. Each light shall include a polycarbonate lens, a housing which is vibration welded and a bulb which shall be shock mounted for extended life. The ground lighting shall be activated when the parking brake is set. GROUND LIGHTS Each door shall include a Whelen 3SC0CDCR LED NFPA compliant ground light mounted to the underside of the cab step below each door. Each light shall include a polycarbonate lens, a housing which is vibration welded and a bulb which shall be shock mounted for extended life. The ground lighting shall be activated when the parking brake is set. MID BODY GROUND LIGHTS Two (2) LED ground lights shall be installed under the mid-body of the apparatus. One (1) light shall be located on the driver's side and one (1) light located on the officer's side of the apparatus. REAR STEP GROUND LIGHTS Two (2) LED ground lights shall be installed under rear step of the apparatus. GROUND LIGHTS There shall be two (2) Whelen 3SC0CDCR LED NFPA compliant ground light mounted to the underside of the compartments, behind the rear wheels. Each light shall include a polycarbonate lens, a housing which is vibration welded and a bulb which shall be shock mounted for extended life.			

The ground lighting shall be activated when the parking brake is set. The ground lights shall automatically activate when the parking brake is applied. REAR TAILBOARD LIGHTS Two (2) LED step lights with clear lens shall be installed to illuminate the step surfaces at the rear of the apparatus body. The step/walkway light switch shall be installed and wired to the parking brake. SCENE LIGHT Four (4) Fire Research model SPA900-Q70 surface mount light shall be installed. The light shall be mounted with four (4) screws to a flat surface. It shall be 6 3/4" high by 9" wide and have a profile of less than 1 3/4" beyond the mounting surface. Wiring shall extend from a weatherproof strain relief at the rear of the light. The light shall have twenty-four (24) white LEDs that generate a rated 7000 lumens at 12 or 24 volts DC. The lens shall redirect the light along the vehicle and out onto the working area. The light housing shall be aluminum with a chrome colored bezel. SCENE LIGHT LOCATION One (1) scene light shall be located on the left side of the apparatus body. *** Scene light o be located mid body SCENE LIGHT LOCATION One (1) scene light shall be located on the right side of the apparatus body. *** Scene light to be located mid body. SCENE LIGHT LOCATION Two (2) scene light shall be located on the rear of the apparatus body. SCENE LIGHT SWITCHING Four (4) scene light switch with indicator shall be installed on the cab main switch panel to control all scene light(s). The switch shall be labeled "SCENE LIGHTS". SCENE LIGHT SWITCHING The rear scene lights shall activate automatically upon placing the transmission into reverse. DOOR OPEN/HAZARD WARNING LIGHT One (1) red flashing, warning light shall be provided and installed in the driver's compartment to indicate an open passenger or apparatus compartment door. The warning light shall also be attached to folding equipment racks and light towers as specified. The light shall be a flashing LED marker light with a red lens and shall be properly marked and identified.			

ELECTRIC SIREN AND CONTROL One (1) Whelen model #295SLSA1 electronic siren shall be mounted in the cab. This unit shall feature an electronic air horn, wail, yelp, hi-lo and shall have a hard wired PA microphone. SPEAKER One (1) Federal Signal DynaMax 100-watt speaker, Model #ES100, shall be installed. The speaker shall feature a Neodymium driver and a high strength composite housing that is chemical resistant and maintains rigidity at high temperatures. SPEAKER One (1) stainless steel grille shall be installed on the speaker. SPEAKER LOCATION The siren speaker shall be installed on the apparatus bumper extension, as determined by the body manufacturer. LIGHTBAR One (1) Whelen Ultra Freedom IV light bar shall be included with the apparatus cab. The light bar shall be a model F4N2VLED and shall be mounted on the roof of the cab, towards the front, above the windshield. The light bar shall feature: A 55" light bar designed for high performance Four (4) red Linear Super LED corner modules Two (2) red 400 series Liner Super LED lights Two (2) white 400 series Linear Super LED lights with clear optic lenses Two (2) clear optic collimators Clear hard coated lenses to provide extended life/luster protection against UV & chemical stresses Designed in accordance with NFPA Zone A requirements LIGHTBAR ACTIVATION The front upper light bar shall be activated through the master warning switch. "WHITE LIGHT" DISABLE SWITCH There shall be a rocker switch provided in the emergency switch panel labeled "WHITE LIGHT DISABLE". The switch shall break the power circuit to the white Zone "A" traffic clearing lights in the lightbar and grille. This shall minimize the blinding effect to the driver operating the lights in either fog or snow conditions. The switch shall illuminate to indicate that the white lights "are" disabled. UPPER REAR WARNING LIGHTS One (1) pair of Whelen model M9 LED warning lights shall be installed, one each side on the upper rear of the apparatus body. The dimensions of the lights shall be 6-1/2" x 10-3/8".			

The driver side warning light shall be a Whelen Model M9R red Super-LEDTM with color lens. The officer side warning light shall be a Whelen Model M9R red Super-LEDTM with color lens. Each light shall be mounted with a Whelen Model M9FC chrome flange. UPPER SIDE FRONT WARNING LIGHTS One (1) pair of Whelen model M9 LED warning lights shall be installed, on the upper portion of the body side, towards the front. The dimensions of the lights shall be 6-1/2" x 10-3/8". The driver side warning light shall be a Whelen Model M9R red Super-LEDTM with color lens. The officer side warning light shall be a Whelen Model M9R red Super-LEDTM with color lens. Each light shall be mounted with a Whelen Model M9FC chrome flange. UPPER SIDE REAR WARNING LIGHTS One (1) pair of Whelen model M9 LED warning lights shall be installed, one each side on the upper portion of the body side, towards the rear of the body. The dimensions of the lights shall be 6-1/2" x 10-3/8". The driver side warning light shall be a Whelen Model M9R red Super-LEDTM with color lens. The officer side warning light shall be a Whelen Model M9R red Super-LEDTM with color lens. Each light shall be mounted with a Whelen Model M9FC chrome flange. LOWER FRONT WARNING LIGHTS One (1) pair of Whelen model M6 LED warning lights shall be installed, one each side one the front of the chassis cab. The dimensions of the lights shall be 4-5/16" x 6-3/4". The driver side warning light shall be a Whelen Model M6R red Super-LEDTM with color lens. The officer side warning light shall be a Whelen Model M6R red Super-LEDTM with color lens. Each light shall be mounted with a Whelen Model M6FC chrome flange. INTERSECTION WARNING LIGHTS One (1) pair of Whelen model M6 LED warning lights shall be installed one each side of the chassis cab. The dimensions of the lights shall be 4-5/16" x 6-3/4". The driver side warning light shall be a Whelen Model M6R red Super-LEDTM with color lens.			

The officer side warning light shall be a Whelen Model M6R red Super-LEDTM with color lens. Each light shall be mounted with a Whelen Model M6FC chrome flange. LOWER MID-BODY WARNING LIGHTS One (1) pair of Whelen model M2 LED warning lights, model M2WR, shall be installed, one each side of the apparatus, mid-body in the rub rail. The dimensions of the lights shall be 4-1/4" x 2-11/16". The driver side warning light shall be a Whelen Model M2WR wide-angle red Super-LEDTM with color lens. The officer side warning light shall be a Whelen Model M2WR wide-angle red Super-LEDTM with color lens. LOWER REAR SIDE WARNING LIGHTS One (1) pair of Whelen model M2 LED warning lights shall be installed, one each side of the apparatus, towards the rear of the body, in the rub rail. The dimensions of the lights shall be 4-1/4" x 2-11/16". The driver side warning light shall be a Whelen Model M2WR wide-angle red Super-LEDTM with color lens. The officer side warning light shall be a Whelen Model M2WR wide-angle red Super-LEDTM with color lens. LOWER REAR WARNING LIGHTS One (1) pair of Whelen model M6 LED warning lights shall be installed, one each side on the lower rear of the apparatus body. The dimensions of the lights shall be 4-5/16" x 6-3/4". The driver side warning light shall be a Whelen Model M6R red Super-LEDTM with color lens. The officer side warning light shall be a Whelen Model M6R red Super-LEDTM with color lens. Each light shall be mounted with a Whelen Model M6FC chrome flange. TRAFFIC ARROW LIGHT One (1) Whelen Model #TAL65 Traffic Advisor shall be installed. The light shall be equipped with six (6) LED lights measuring 36" in length. The unit shall be mounted at the rear of the apparatus body. The Traffic Advisor control head shall be mounted inside the cab and be accessible by the driver and officer. The traffic arrow light shall be surface mounted. FLUID DATA PLAQUE One (1) fluid data plaque containing required information shall be provided based			

on the applicable components for this apparatus, compliant with NFPA Standards: Engine oil Engine coolant Chassis transmission fluid Drive axle lubricant Power steering fluid Pump transmission lubrication fluid Other NFPA applicable fluid levels or data as required Location shall be in the driver's compartment or on driver's door. DATA & WARNING LABELS HEIGHT LENGTH & WEIGHT A highly visible label indicating the overall height, length, and weight of the vehicle shall be installed in the cab dash area. NO RIDE LABEL One (1) "NO RIDERS" label shall be applied on the vehicle at the rear step area or other applicable areas. The label shall warn personnel that riding in or on these areas, while the vehicle is in motion is prohibited. TIRE PRESSURE LABEL A label shall be placed in a visible area that indicates the front and rear tire pressure. CAB SEATING POSITION LIMITS One (1) label shall be installed in the cab to indicate seating positions for firefighters. A weight allowance of 250 pounds for each shall be factored into the gross vehicle weight rating of the chassis. HELMET WARNING TAG One (1) label shall be installed in the cab, visible from each seating position. The label shall read "CAUTION: DO NOT WEAR HELMET WHILE SEATED." Helmets must be properly stowed while the vehicle is in motion according to the current edition of NFPA 1901. REAR TOWING PROVISIONS There shall be two tow eyes furnished under the rear of the body and attached. There shall be a reinforcement spreader bar connecting the two tow eyes. Tow eyes are to be constructed of 3/8" plate steel with a 4" I.D. hole, large enough for passing through a tow chain end hook. The tow plates shall be painted black. BRUSH GUARD A heavy duty steel wrap around style brush guard with a black finish shall be installed on the front of the apparatus to provide additional protection for the grill and headlamp areas. The mounting of the brush guard shall utilize the existing holes in the vehicle frame for superior strength with the lowest vibration.			

TOW HOOKS Two (2) tow hooks shall be mounted to the bumper extension under the bumper towards the forward section of the extension. The tow hooks shall be steel and shall be painted black. TIRE PRESSURE INDICATOR, There shall be a tire pressure indicator, at each tire's valve stem on the vehicle that shall indicate if there is insufficient pressure in the specific tire. EXHAUST HEAT SHIELD A heat shield shall be installed under the body in the areas where the exhaust system is routed. REAR MUD FLAPS One (1) pair of black mud flaps shall be installed behind the rear wheels. ALUMINUM RUNNING BOARDS There shall be a set of aluminum running boards furnished on each side of the four-door commercial chassis that extend from behind the front wheel to the rear of the four-door cab. The running boards shall have slip resistant overlay material installed on each step surface. REAR CREW SCBA SEAT Two (2) HO Bostrom Tanker 400CT SCBA seats shall be installed in the rear crew area of the chassis cab. Each seat shall include a certified Lock & Load SCBA mounting bracket and safety strap. Each seat shall be a Pacifica Gray vinyl trim with gray black Durawear with polyester water proof fabric cushions. Each seat shall include a padded one piece headrest that flips up for easy removal of the SCBA. BODY CONSTRUCTION 1/8" ALUMINUM BODY The body shall be fabricated of aluminum extrusions, smooth aluminum sheet and aluminum tread plate. The aluminum extrusion alloy shall be 6061 with a temper rating of T6, and have a tensile strength of 45,000 PSI and yield strength of 40,000 pounds. The aluminum extrusions shall 3" x 3" aluminum tubing, 1-3/4" x 3" aluminum tubing and 3" x 3" aluminum angle and specially designed extrusions, up to .250" wall thickness where applicable. The smooth aluminum sheet material alloy shall be 5052 with a temper rating of H32, and have a tensile strength of 33,000 PSI and yield strength of 28,000 pounds. The aluminum treadplate alloy shall be 3003 with a temper rating of H22, and have a tensile strength of 30,000 PSI and yield strength of 28,000 pounds. The extrusions shall be designed as structural-framing members with the smooth aluminum and treadplate fabricated to form compartments, hosebeds, and floors.			

All aluminum material shall be welded together using the latest mig spray pulse arc welding system. Compartments to be sweep-out design and to be water and dust proof. All compartments shall be made to the maximum practical dimensions to provide maximum storage capacity. To ensure maximum storage space, the apparatus shall be constructed without any void spaces between the body and the compartment walls. Double wall construction does not meet this requirement. All exterior compartments shall have polished aluminum drip moldings installed above the doors where necessary to prevent water from entering the compartments. Wheel well panels shall be formed aluminum that is welded in place. There shall be no visible bolt heads, retention nuts or fasteners on the exterior surface of the panel. To fully protect the wheel well area from road debris and to aid in cleaning, a full depth radius wheel well liner shall be provided. The frame side of the wheel well area on each side of the opening shall be attached to the frame side of the front and rear compartments. All seams on the frame side of the body shall be welded and caulked to prevent moisture from entering the compartments. The rear wheel wells shall be radius cut for a streamlined appearance. A polished aluminum fenderette shall be furnished at each rear wheel well opening, held in place with stainless steel fasteners. FASTENERS All aluminum and stainless steel components shall be attached using stainless steel fasteners. Compartment door hinges, handrails and running boards shall be attached using minimum 1/4" diameter machine bolt fasteners. 3/16" diameter fasteners shall only be used in nonstructural areas such as; door handles, trim moldings, gauge mounting, etc. COMPARTMENT FLOORS The compartment floors shall be constructed of smooth aluminum material, to match the compartment interior walls. ALUMINUM SUB-FRAME The main body sub-frame shall be extruded aluminum and be fully welded to the longitudinal frame rail extrusions that are mounted parallel to the chassis frame rails. The main body sub-frame shall be constructed of no less than four (4) extruded aluminum tubes running full width of the apparatus body. A minimum of two (2) full body width tubes shall be provided ahead of and behind the rear axle forming the main body support crossmembers. The main crosstubes shall be fully welded to the vertical and horizontal extrusions forming the body super-structure, described elsewhere herein. For added strength and rigidity, no less than six (6) intermediate body crossmembers shall be provided constructed extruded aluminum tubes. The intermediate structural crossmembers shall be interconnected and welded to			

the main body tubular crossmembers forming a fully welded support grid for the body super-structure compartments. The subframe crossmembers shall be attached to the chassis frame rails using heavy "U" bolt fasteners to allow removal of the subframe and body assembly from the chassis. There shall be a barrier provided between the subframe and body to prevent electrolysis. The tubular extrusion shall consist of 1-3/4" x 3" rectangular tubes of both 1/8" and 3/16" wall thickness and 3" x 3" square aluminum tubing of both 1/8" and 3/16" wall thickness. SINGLE AXLE WHEEL AREA For ease of accessibility and maintenance, wheel well panels shall be double break formed painted smooth plate that is welded in place. To fully protect the wheel well area from road debris and to aid in cleaning, a full depth (minimum of 25") radius wheel well liner shall be provided. Wheel well liner shall be smooth aluminum to prevent corrosion. FENDERETTES The rear wheel wells shall be radius cut for a streamlined appearance. A polished aluminum fenderette shall be furnished at each rear wheel well opening, held in place with concealed stainless steel fasteners. BODY DIMENSIONS The aluminum rescue body shall be 144" long and 95" wide. ROLL UP DOOR CONSTRUCTION Compartment doors shall be equipped with AMDOR™ brand roll-up doors complete with the following features: 1” aluminum double wall slats with continuous ball & socket hinge joint designed to prevent water ingression and weather tight recessed dual durometer seals, Double wall reinforced bottom panel with stainless steel lift bar latching system, bottom panel flange with cut-outs for ease of access with gloved hands, reusable slat shoes with positive snap-lock securement, smooth interior door curtain to prevent equipment hang-ups, One-piece aluminum door track / side frame, top gutter with non-marring seal, non-marring recessed side seals with UV stabilizers to prevent warpage , Dual leg bottom seal, with all wear component material to be Type 6 Nylon. EZ-PULL DOWN STRAPS Five (5) elastic nylon straps shall be provided and installed on each roll up door . The straps shall be secured to the side wall of the interior compartment in a way that will allow the EZ-Pull strap to contract automatically and tuck inside the compartment when closed to prevent the strap from dangling and hindering closing of the door. When the door is the open position, the straps shall be installed so that they are fully extended as to not interfere with removing items from the compartment. For the ease of locating, the straps shall be bright orange in color. COMPARTMENT HEIGHT			

The body side compartments shall be 72" high. LEFT SIDE BODY COMPARTMENTS The left side body compartmentation shall be as follows: LEFT FRONT COMPARTMENT There shall be one (1) full height compartment located ahead of the rear wheels. The compartment shall be equipped with a full height single natural finish roll up door. COMPARTMENT DEPTH The compartment shall be transverse to the opposite side of the truck. The compartment shall be equipped with the following items: One (1) louver with filter shall be installed in the compartment. ADJUSTABLE SHELVING TRACKS The compartments shall be equipped with four (4) aluminum adjustable tracks, vertically mounted, that are bolted in place for adjustable shelving and equipment mounting. 600# ROLLOUT TRAY One (1) SlideMaster SM3-MP Series mid profile telescoping equipment tray(s) shall be installed that is(are) approximately half the depth of the body width. The tray assembly shall have a silver powder coated steel slide frame with sealed roller bearings rated to 600 pounds. A tray constructed of .190" smooth aluminum plate with four 3" sides shall be mounted to the slide frame. The slide frame shall extend 100% allowing the tray to be completely accessible from outside the compartment. The slide shall have a 3-1/4" deck height. An integrated manual quarter turn "gravity" lock shall hold tray in both the "in" and "out" positions. The "gravity lock" manually rotates a rod with a tab to engage the bottom frame. The shelf/tray shall be fitted with removable vinyl Turtle Tile matting. The matting shall be interlocking modules approximately 12" square by 9/16" thick. This material shall be resistant to heat, cold, ultra-violet radiation, mechanical impacts, chemical actions and is corrosion resistant. PULL-OUT AND DROP-DOWN One (1) roll-out and tilt-down equipment tray shall be installed in the customer-specified compartment. The tray with roller bearing tracks shall be rated to a maximum load of 250 lb. Construction shall consist of four (4) inch tall extruded aluminum sides. Reflective material measuring 1” x 6” shall be installed on the each front corner both on the face and side of tray for firefighter safety. Track assembly shall allow tray to roll out and tilt down at approximately a 30-degree angle. *** half depth			

The shelf/tray shall be fitted with removable vinyl Turtle Tile matting. The matting shall be interlocking modules approximately 12" square by 9/16" thick. This material shall be resistant to heat, cold, ultra-violet radiation, mechanical impacts, chemical actions and is corrosion resistant. COMPARTMENT DIVIDER One (1) compartment divider constructed from 3/16" smooth aluminum material shall be installed. The divider shall be bolted in for ease of removal. The floor area of the compartment shall be fitted with removable vinyl Turtle Tile matting. The matting shall be interlocking modules approximately 12" square by 9/16" thick. This material shall be resistant to heat, cold, ultra-violet radiation, mechanical impacts, chemical actions and is corrosion resistant. COMPARTMENT LIGHTS Two (2) 45" long OnScene Solutions Night Axe LED lights shall be installed, one on each side of the door opening. The lights shall contain 30 LEDs per light producing approximately 185 lumens (six LEDs and 37 lumens every 9"). The light stick shall be rated at 100,000 hours of service and shall be provided with a 10 year free replacement warranty. The light shall have a 5/8" LEXANTM polycarbonate tube enclosure for severe duty applications. The light stick shall be waterproof and be connectible via a jumper wire to add additional lights in series if required. The compartment light will be controlled by a magnetic "On-Off" switch located on each compartment door. LEFT OVERWHEEL COMPARTMENT There shall be one (1) compartment above the rear wheels. The compartment shall be equipped with a single natural finish roll up door. COMPARTMENT DEPTH The compartment shall be transverse to the opposite side of the truck. The compartment shall be equipped with the following items: One (1) louver with filter shall be installed in the compartment. ADJUSTABLE SHELVING TRACKS The compartments shall be equipped with four (4) aluminum adjustable tracks, vertically mounted, that are bolted in place for adjustable shelving and equipment mounting. 600# ROLLOUT TRAY One (1) SlideMaster SM3-MP Series mid profile telescoping equipment tray(s) shall be installed that is(are) approximately half the depth of the body width. The tray assembly shall have a silver powder coated steel slide frame with sealed roller bearings rated to 600 pounds. A tray constructed of .190" smooth aluminum plate			

with four 3" sides shall be mounted to the slide frame. The slide frame shall extend 100% allowing the tray to be completely accessible from outside the compartment. The slide shall have a 3-1/4" deck height. An integrated manual quarter turn "gravity" lock shall hold tray in both the "in" and "out" positions. The "gravity lock" manually rotates a rod with a tab to engage the bottom frame. The shelf/tray shall be fitted with removable vinyl Turtle Tile matting. The matting shall be interlocking modules approximately 12" square by 9/16" thick. This material shall be resistant to heat, cold, ultra-violet radiation, mechanical impacts, chemical actions and is corrosion resistant. PULL-OUT AND DROP-DOWN One (1) roll-out and tilt-down equipment tray shall be installed in the customer-specified compartment. The tray with roller bearing tracks shall be rated to a maximum load of 250 lb. Construction shall consist of four (4) inch tall extruded aluminum sides. Reflective material measuring 1” x 6” shall be installed on the each front corner both on the face and side of tray for firefighter safety. Track assembly shall allow tray to roll out and tilt down at approximately a 30-degree angle. The shelf/tray shall be fitted with removable vinyl Turtle Tile matting. The matting shall be interlocking modules approximately 12" square by 9/16" thick. This material shall be resistant to heat, cold, ultra-violet radiation, mechanical impacts, chemical actions and is corrosion resistant. COMPARTMENT DIVIDER One (1) compartment divider constructed from 3/16" smooth aluminum material shall be installed. The divider shall be bolted in for ease of removal. COMPARTMENT LIGHTS Two (2) 36" long OnScene Solutions Night Axe LED lights shall be installed, one on each side of the door opening. The lights shall contain 24 LEDs per light producing approximately 148 lumens (six LEDs and 37 lumens every 9"). The light stick shall be rated at 100,000 hours of service and shall be provided with a 10 year free replacement warranty. The light shall have a 5/8" LEXANTM polycarbonate tube enclosure for severe duty applications. The light stick shall be waterproof and be connectible via a jumper wire to add additional lights in series if required. The compartment light will be controlled by a magnetic "On-Off" switch located on each compartment door. LEFT REAR COMPARTMENT There shall be one (1) full height compartment located behind the rear wheels. The compartment shall be equipped with a full height single natural finish roll up door. COMPARTMENT DEPTH			

The compartment shall be 21" deep. The compartment shall be equipped with the following items: One (1) louver with filter shall be installed in the compartment. ADJUSTABLE SHELVING TRACKS The compartments shall be equipped with four (4) aluminum adjustable tracks, vertically mounted, that are bolted in place for adjustable shelving and equipment mounting. ADJUSTABLE SHELF Two (2) adjustable shelf shall be constructed of .125” smooth aluminum plate with 1.5” formed vertical lip front & back. Shelf supports on each side to be constructed of .188” aluminum and bolted to an aluminum extrusion (mounted vertically) by use of 3/8” bolts and spring-loaded cam locks. If shelf is longer than 40” a reinforcement by aluminum gusset is to be placed full-length on bottom of shelf. The shelf/tray shall be fitted with removable vinyl Turtle Tile matting. The matting shall be interlocking modules approximately 12" square by 9/16" thick. This material shall be resistant to heat, cold, ultra-violet radiation, mechanical impacts, chemical actions and is corrosion resistant. The floor area of the compartment shall be fitted with removable vinyl Turtle Tile matting. The matting shall be interlocking modules approximately 12" square by 9/16" thick. This material shall be resistant to heat, cold, ultra-violet radiation, mechanical impacts, chemical actions and is corrosion resistant. COMPARTMENT LIGHTS Two (2) 45" long OnScene Solutions Night Axe LED lights shall be installed, one on each side of the door opening. The lights shall contain 30 LEDs per light producing approximately 185 lumens (six LEDs and 37 lumens every 9"). The light stick shall be rated at 100,000 hours of service and shall be provided with a 10 year free replacement warranty. The light shall have a 5/8" LEXANTM polycarbonate tube enclosure for severe duty applications. The light stick shall be waterproof and be connectible via a jumper wire to add additional lights in series if required. The compartment light will be controlled by a magnetic "On-Off" switch located on each compartment door. RIGHT SIDE BODY COMPARTMENTS The right side body compartmentation shall be as follows: RIGHT FRONT COMPARTMENT There shall be one (1) full height compartment located ahead of the rear wheels. The compartment shall be equipped with a full height single natural finish roll up door. COMPARTMENT DEPTH The compartment shall be transverse to the opposite side of the truck.			

The compartment shall be equipped with the following items: One (1) louver with filter shall be installed in the compartment. ADJUSTABLE SHELVING TRACKS The compartments shall be equipped with four (4) aluminum adjustable tracks, vertically mounted, that are bolted in place for adjustable shelving and equipment mounting. 600# ROLLOUT TRAY One (1) SlideMaster SM3-MP Series mid profile telescoping equipment tray(s) shall be installed that is(are) approximately half the depth of the body width. The tray assembly shall have a silver powder coated steel slide frame with sealed roller bearings rated to 600 pounds. A tray constructed of .190" smooth aluminum plate with four 3" sides shall be mounted to the slide frame. The slide frame shall extend 100% allowing the tray to be completely accessible from outside the compartment. The slide shall have a 3-1/4" deck height. An integrated manual quarter turn "gravity" lock shall hold tray in both the "in" and "out" positions. The "gravity lock" manually rotates a rod with a tab to engage the bottom frame. The shelf/tray shall be fitted with removable vinyl Turtle Tile matting. The matting shall be interlocking modules approximately 12" square by 9/16" thick. This material shall be resistant to heat, cold, ultra-violet radiation, mechanical impacts, chemical actions and is corrosion resistant. PULL-OUT AND DROP-DOWN One (1) roll-out and tilt-down equipment tray shall be installed in the customer-specified compartment. The tray with roller bearing tracks shall be rated to a maximum load of 250 lb. Construction shall consist of four (4) inch tall extruded aluminum sides. Reflective material measuring 1” x 6” shall be installed on the each front corner both on the face and side of tray for firefighter safety. Track assembly shall allow tray to roll out and tilt down at approximately a 30-degree angle. The shelf/tray shall be fitted with removable vinyl Turtle Tile matting. The matting shall be interlocking modules approximately 12" square by 9/16" thick. This material shall be resistant to heat, cold, ultra-violet radiation, mechanical impacts, chemical actions and is corrosion resistant. COMPARTMENT LIGHTS Two (2) 45" long OnScene Solutions Night Axe LED lights shall be installed, one on each side of the door opening. The lights shall contain 30 LEDs per light producing approximately 185 lumens (six LEDs and 37 lumens every 9"). The light stick shall be rated at 100,000 hours of service and shall be provided with a 10 year free replacement warranty. The light shall have a 5/8" LEXANTM polycarbonate tube enclosure for severe duty applications. The light stick shall be waterproof and be connectible via a jumper wire to add additional lights in series if required.			

The compartment light will be controlled by a magnetic "On-Off" switch located on each compartment door. RIGHT OVERWHEEL COMPARTMENT There shall be one (1) compartment above the rear wheels. The compartment shall be equipped with a single natural finish roll up door. COMPARTMENT DEPTH The compartment shall be transverse to the opposite side of the truck. The compartment shall be equipped with the following items: One (1) louver with filter shall be installed in the compartment. ADJUSTABLE SHELVING TRACKS The compartments shall be equipped with four (4) aluminum adjustable tracks, vertically mounted, that are bolted in place for adjustable shelving and equipment mounting. 600# ROLLOUT TRAY One (1) SlideMaster SM3-MP Series mid profile telescoping equipment tray(s) shall be installed that is(are) approximately half the depth of the body width. The tray assembly shall have a silver powder coated steel slide frame with sealed roller bearings rated to 600 pounds. A tray constructed of .190" smooth aluminum plate with four 3" sides shall be mounted to the slide frame. The slide frame shall extend 100% allowing the tray to be completely accessible from outside the compartment. The slide shall have a 3-1/4" deck height. An integrated manual quarter turn "gravity" lock shall hold tray in both the "in" and "out" positions. The "gravity lock" manually rotates a rod with a tab to engage the bottom frame. The shelf/tray shall be fitted with removable vinyl Turtle Tile matting. The matting shall be interlocking modules approximately 12" square by 9/16" thick. This material shall be resistant to heat, cold, ultra-violet radiation, mechanical impacts, chemical actions and is corrosion resistant. PULL-OUT AND DROP-DOWN One (1) roll-out and tilt-down equipment tray shall be installed in the customer-specified compartment. The tray with roller bearing tracks shall be rated to a maximum load of 250 lb. Construction shall consist of four (4) inch tall extruded aluminum sides. Reflective material measuring 1” x 6” shall be installed on the each front corner both on the face and side of tray for firefighter safety. Track assembly shall allow tray to roll out and tilt down at approximately a 30-degree angle. The shelf/tray shall be fitted with removable vinyl Turtle Tile matting. The matting shall be interlocking modules approximately 12" square by 9/16" thick. This material shall be resistant to heat, cold, ultra-violet radiation, mechanical impacts, chemical actions and is corrosion resistant. COMPARTMENT LIGHTS			

Two (2) 36" long OnScene Solutions Night Axe LED lights shall be installed, one on each side of the door opening. The lights shall contain 24 LEDs per light producing approximately 148 lumens (six LEDs and 37 lumens every 9"). The light stick shall be rated at 100,000 hours of service and shall be provided with a 10 year free replacement warranty. The light shall have a 5/8" LEXANTM polycarbonate tube enclosure for severe duty applications. The light stick shall be waterproof and be connectible via a jumper wire to add additional lights in series if required. The compartment light will be controlled by a magnetic "On-Off" switch located on each compartment door. RIGHT REAR COMPARTMENT There shall be one (1) full height compartment located behind the rear wheels. The compartment shall be equipped with a full height single natural finish roll up door. COMPARTMENT DEPTH The compartment shall be 21" deep. The compartment shall be equipped with the following items: One (1) louver with filter shall be installed in the compartment. ADJUSTABLE SHELVING TRACKS The compartments shall be equipped with four (4) aluminum adjustable tracks, vertically mounted, that are bolted in place for adjustable shelving and equipment mounting. PLYWOOD ON BACK WALL OF COMPARTMENT There shall be a plywood panel bolted to the inside back wall of the compartment for the purpose of mounting equipment. Plywood should be 3/4" marine grade with clear coat finish. COMPARTMENT LIGHTS Two (2) 45" long OnScene Solutions Night Axe LED lights shall be installed, one on each side of the door opening. The lights shall contain 30 LEDs per light producing approximately 185 lumens (six LEDs and 37 lumens every 9"). The light stick shall be rated at 100,000 hours of service and shall be provided with a 10 year free replacement warranty. The light shall have a 5/8" LEXANTM polycarbonate tube enclosure for severe duty applications. The light stick shall be waterproof and be connectible via a jumper wire to add additional lights in series if required. The compartment light will be controlled by a magnetic "On-Off" switch located on each compartment door. REAR CENTER COMPARTMENT There shall be one (1) full height compartment located at the rear of the apparatus.			

Compartment to be minimum opening width of 50” The compartment shall be equipped with a full height natural finish roll up door. The compartment shall be equipped with the following: ADJUSTABLE SHELVING TRACKS The compartments shall be equipped with four (4) aluminum adjustable tracks, vertically mounted, that are bolted in place for adjustable shelving and equipment mounting. PUMP COMPARTMENT HEATER SYSTEM The interior of the pump enclosure shall be equipped with a minimum of 15,000 BTU hot water heater system. The unit shall be piped to the chassis radiator system with standard heater hose. The hose shall be properly clamped and secured in place, and be properly protected from engine exhaust or mechanical damage. The heater unit shall be equipped with a 12-volt blower fan with control located on the pump operator's panel. *** switch located in B1 compartment One (1) louver with filter shall be installed in the compartment. 1000# ROLLOUT TRAY One (1) SlideMaster SM3-SP Series mid profile telescoping equipment tray(s) shall be installed in a standard depth compartment. The tray assembly shall have a silver powder coated steel slide frame with sealed roller bearings rated to 1,000 pounds. A tray constructed of .190" smooth aluminum plate with four 3" sides shall be mounted to the slide frame. The slide frame shall extend 100% allowing the tray to be completely accessible from outside the compartment. The slide shall have a 3-7/8" deck height. *** sized to hold the Enforcer skid (50" x 35") An integrated manual quarter turn "gravity" lock shall hold tray in both the "in" and "out" positions. The "gravity lock" manually rotates a rod with a tab to engage the bottom frame. SCBA CYLINDER STORAGE Two (2) formed aluminum storage unit with individual compartments shall be provided to store six (6) fire department-supplied air cylinders. Unit to be horizontally or vertically installed and coated with (black) thermoplastic material for durability and to provide scuff protection to the air cylinders. A black nylon containment net shall be installed to secure the bottles in the bottle rack. The net shall be securely fastened on one end, with the other end being equipped with snaps, for access to the bottles. *** mounted on the shelf above the skid unit			

ENFORCER 60 CAF SYSTEM A FireAide Enforcer 60 skid unit shall be provided in the rear compartment. The system shall include a pressure vessel with storage capacity of 227 Litres (60 USG), and two (2) 2.5 cubic metre (90 cu-ft) compressed air cylinders. The skid shall include, and be designed to hold, 50' of one inch hose and a 1" Power Tip Technology pistol grip nozzle, manual rewind hose reel with 75' of ½" hose and nozzle.. When activated, the system shall be able to produce over 4500 Litres (1200 USG) of finished foam from a full charge. The skid shall have dimensions of 127 cm wide, 89 cm deep, and 78 cm high (50" x 35" x 30.5"). COMPARTMENT LIGHTS Two (2) 45" long OnScene Solutions Night Axe LED lights shall be installed, one on each side of the door opening. The lights shall contain 30 LEDs per light producing approximately 185 lumens (six LEDs and 37 lumens every 9"). The light stick shall be rated at 100,000 hours of service and shall be provided with a 10 year free replacement warranty. The light shall have a 5/8" LEXANTM polycarbonate tube enclosure for severe duty applications. The compartment light will be controlled by a magnetic "On-Off" switch located on each compartment door. REAR STEP - 8" BOLT-ON An 8" deep step shall be provided at the rear of the apparatus body, bolted in place and easily removable for replacement or repair. The tailboard shall be constructed of .188" aluminum diamond plate or equal non-slip surface in compliance with NFPA #1901 standards. A label shall be provided warning personnel that riding on the rear step while the apparatus is in motion is prohibited. FRONT BODY PROTECTION PANELS Aluminum tread plate overlays and panels shall be installed on the front of the body compartment from the lower edge to the top of the compartment doors. REAR BODY PROTECTION PANELS The rear body panels of the body shall be a smooth material, to allow for the proper application and installation of a "Chevron" stripe on the rear. FUEL TANK ACCESS PANEL There shall be a removable panel in the rear compartment, used to gain access to the fuel tank and fuel gauge-sending unit. HANDRAIL REAR STEP Two (2) extruded aluminum non-slip handrails, approximately 30" in length, shall be provided and vertically mounted on the rear of the apparatus, one (1) on each side of the body. EXTRUDED ALUMINUM RUB RAILS			

Full body length polished aluminum rub rails shall be bolted in place on the lower right and left body sides. The side rub rails shall be a heavy extruded aluminum "C" channel. Red and white reflective material shall be applied to the vertical surface of the "C" channel. The reflective stripe shall be continuously applied along the length of the rubrail. NYLON SPACERS FOR RUB RAILS There shall be nylon spacers provided between the rub rail and the body. This shall allow wash out and replacement in the event of damage. FUEL PIPING AND FILL CAP There shall be a fuel fill cap provided in the recessed area of the left side rear wheel well clearly marked, "DIESEL FUEL ONLY". The fill shall be piped to the fuel tank. SHORELINE RECEPTACLES The following receptacles shall be wired to the shoreline power. 120V ELECTRIC RECEPTACLE -- TWIST LOCK One (1) 120-volt 20 amp twist lock (NEMA L5-20) receptacle with spring loaded weatherproof cover shall be provided. The electric receptacle location to be determined at pre build. ELECTRIC WINCH One portable 8,000 pound capacity (4 ton) winch manufactured by the Warn Winch Company shall be provided. The winch shall have forward and reverse gears. The unit shall have three stage planetary gearing and a sliding ring gear clutch that will permit free-spooling for quick unwinding of cable. The winch shall be controlled with a push button device attached to a twenty-five foot (25') minimum or longer control cable and weatherproof receptacle. The winch shall have 100 feet of 5/16" diameter galvanized aircraft cable, with slip hook installed. A 4 way roller shall be installed to guide the cable. BRUSH GUARD One (1) heavy duty grill guard shall be provided on the front of the apparatus for the Warn winch. The grill guard shall provide front end protection for the grille area of vehicle. The mounting of the grill guard shall be in a manner to utilize the existing holes in the vehicle frame for superior strength with the lowest vibration. The grill guard shall have a black finish. REAR TRAILER HITCH One (1) trailer hitch rated at approximately 8,000 pounds shall be installed at the rear of the apparatus and be attached to the body sub-frame assembly. The hitch			

shall include a removable receiver insert slide-in ball mount with a 2" ball and a 5/8" hitch and safety pin. TRAILER POWER PLUG One (1) trailer plug shall be provided at the rear of the apparatus. A 12 volt seven (7) pin electrical connector shall be wired to the chassis stop, running, and turn lights. BODY PAINT PROCESS All bright metal fittings, if unavailable in stainless steel shall be heavily chrome plated. Iron fittings shall be copper plated prior to chrome plating. If applicable, any and all accessory times shall be removed from the body prior to cleaning and painting. Any accessory items that are to be painted, shall be painted separately and installed after the body is painted and cured. All seams shall be caulked, both inside and along the exterior edges, with a urethane automotive sealant to prevent moisture from entering between any body panels. The body and all parts shall be thoroughly washed with a grease cutting solvent (PPG DX330) prior to any sanding. After the body has been sanded and the weld marks and minor imperfections are filled and sanded, the body shall be washed again with (PPG DX330) to remove any contaminants on the surface. The next two to four coats (depending on need) shall be a PPG DelFleet F4936 High Solids Epoxy Gray Primer. The film build shall be 4-6 mils when dry. The primer surfacer coat, after appropriate dry time, shall be sanded with 320-600 grit sandpaper to ensure maximum gloss of the paint. The last step is the application of at least three coats of PPG DelFleet polyurethane two-component color (single stage). The film build being 2-3 mils dry. The single stage polyurethane, when mixed with component (PPG F3270) catalyst shall provide a UV barrier to prevent fading and chalking. All products and technicians are certified by PPG every two (2) years. APPARATUS COLOUR The final paint code shall be determined at the preconstruction meeting. The apparatus shall be ____ in color. INTERIOR COMPARTMENT FINISH Six (6) apparatus side compartments and one (1) apparatus rear compartment interiors are to be painted with a spatter finish material. The compartments shall be cleaned with a grease remover, and then the surface sanded and prepared for painting. The compartment shall be provided with two (2) coats of white epoxy. The compartments are then coated with a splatter paint top coat. TOUCH-UP PAINT One (1) two (2) ounce bottle of touch-up paint shall be furnished with the completed truck at final delivery.			

CAB AND BODY STRIPE A straight Scotchlite reflective stripe, 4" minimum in width, shall be applied horizontally around the cab and body in compliance with applicable NFPA 1901 standards. The purchaser shall specify the color and location of the stripe. COLOR OF STRIPING MATERIAL The color of the 3M brand striping material shall be white. CHEVRON STRIPING The entire rear portion of the body shall have Oralite V98 reflective red and yellow striping installed. The chevron style striping shall be applied at a 45-degree upward angle pointing towards the center upper portion of the rear panel. WHEEL CHOCKS Two (2) standard aluminum wheel chocks shall be provided. WHEEL CHOCK MOUNTINGS Two (2) wheel chock holders shall be mounted under the apparatus body. FIRST AID KIT One (1) basic first aid kit shall be provided with the apparatus. EMERGENCY ROAD KIT One (1) DOT emergency kit shall be provided with the completed apparatus and shall include a 2.5 BC fire extinguisher and three reflective triangles.			

PART B - PROCEDURES

B1. CONTRACT TITLE

B1.1 **SUPPLY & DELIVERY OF TWO (2) F550 RAPID RESPONSE APPARATUS/UNITS**

B2. SUBMISSION DEADLINE

B2.1 The Submission Deadline is 4:00 p.m. Manitoba time, February 15, 2019.

B2.2 Bids determined by the Protective Services Manager to have been received later than the Submission Deadline will not be accepted and will be returned upon request.

B2.3 The Protective Services Manager may extend the Submission Deadline by issuing an addendum at any time prior to the time and date specified in B2.1.

B3. ENQUIRIES

B3.1 All enquiries shall be directed to the Contract Administrator (Protective Services Manager)..

B3.2 If the Bidder finds errors, discrepancies or omissions in the Bid Opportunity, or is unsure of the meaning or intent of any provision therein, the Bidder shall promptly notify the Protective Services Manager of the error, discrepancy or omission at least five (5) Business Days prior to the Submission Deadline.

B3.3 If the Bidder is unsure of the meaning or intent of any provision therein, the Bidder should request clarification as to the meaning or intent prior to the Submission Deadline.

B3.4 Responses to enquiries which, in the sole judgment of the Protective Services Manager, require a correction to or a clarification of the Bid Opportunity will be provided by the Protective Services Manager to all Bidders by issuing an addendum.

B3.5 Responses to enquiries which, in the sole judgment of the Protective Services Manager do not require a correction to or a clarification of the Bid Opportunity will be provided by the Protective Services Manager only to the Bidder who made the enquiry.

B4. ADDENDA

B4.1 Protective Services Manager may, at any time prior to the Submission deadline, issue addenda correcting errors, discrepancies or omissions in the Bid Opportunity, or clarifying the meaning or intent of any provision therein.

B4.2 Protective Services Manager will issue each addendum at least two (2) Business Days prior to the Submission Deadline, or provide at least two (2) Business Days by extending the Submission Deadline.

B4.2.1 Addenda will be available on the Rural Municipality of St. Clements web page at http://www.rmofstclements.com

B4.2.2 The Bidder is responsible for ensuring that they have received all addenda and is advised to check the R.M. of St. Clements internet site for addenda regularly and shortly before the Submission Deadline.

B5. SUBSTITUTES

B5.1 The Work is based on the materials, equipment, methods and products specified in the Bid Opportunity.

B5.2 Substitutions shall not be allowed unless application has been made to and prior approval has been granted by the Protective Services Manager in writing.

B5.3 Requests for approval of a substitute will not be considered unless received in writing by the Protective Services Manager at least seven (7) Business Days prior to the Submission Deadline.

B5.4 Protective Services Manager, after assessing the request for approval of a substitute, may in his sole discretion grant approval for the use of a substitute as an “approved equal” or as an “approved alternative”, or may refuse to grant approval of the substitute.

B5.5 Protective Services Manager will provide a response in writing, at least two (2) Business Days prior to the Submission Deadline, only to the Bidder who requested approval of the substitute.

B5.5.1 The Bidder requesting and obtaining the approval of a substitute shall be entirely responsible for disseminating information regarding the approval to any person or persons he wishes to inform.

B5.6 If the Protective Services Manager approves a substitute as an “approved equal”, any Bidder may use the approved equal in place of the specified item.

B5.7 If the Protective Services Manager approves a substitute as an “approved alternative”, any Bidder bidding that approved alternative may base his Total Bid Price upon the specified item but may also indicate an alternative price based upon the approved alternative. Such alternatives will be evaluated in accordance with B13.

B5.8 No later claim by the Contractor for an addition to the price(s) because of any other changes in the Work necessitated by the use of an approved equal or an approved alternative will be considered.

B5.9 Notwithstanding B5.2 and B5.8, in accordance with clause 1.3 of the Detailed Specifications shall be evaluated in accordance with B13.1(a).

B6. BID SUBMISSION

B6.1 The Bid shall consist of the following components:

(a) Form A: Bid;

(b) Form B: Prices;

(c) Form C: Detailed Specifications;

B6.2 Further to B6.1, the Bidder should include the written correspondence from the Protective Services Manager approving a substitute in accordance with B5.

B6.3 All components of the Bid shall be fully completed or provided, and submitted by the Bidder no later than the Submission Deadline, with all required entries made clearly and completely, to constitute a responsive Bid.

B6.4 The Bid Submission may be submitted by mail, courier or personal delivery, or by facsimile transmission.

B6.5 If the Bid Submission is emailed with an attachment of the scanned signed submission, submitted by mail, courier or personal delivery, it shall be enclosed and sealed in an envelope clearly marked with the Bid Opportunity number and the Bidder's name and address, and shall be submitted to:
The Rural Municipality of St. Clements
1043 Kittson Road
RR 1, East Selkirk, Manitoba R0E 0M0
Attention: Carmen Barna-Germain, Protective Services Manager

B6.6 Bidders are advised that inclusion of terms and conditions inconsistent with the Bid Opportunity document may result in the Bid being determined to be non-responsive.

B6.7 If the Bid Submission is submitted by facsimile transmission, it shall be submitted to (204) 482-3098

B6.7.1 The Bidder is advised that the Municipality cannot take responsibility for the availability of the facsimile machine at any time.

B6.8 Bids submitted by internet electronic mail (e-mail) document will not be accepted unless confirmation (a read receipt is not confirmation) is received from the Protective Services Manager and subsequently that the email is followed by a fax or delivered original bid submission within forty eight (48) hours of the bid submission deadline.

B7. BID

B7.1 The Bidder shall complete Form A: Bid, making all required entries.

B7.2 Paragraph 2 of Form A: Bid shall be completed in accordance with the following requirements:

(a) if the Bidder is a sole proprietor carrying on business in his own name, his name shall be inserted;

(b) if the Bidder is a partnership, the full name of the partnership shall be inserted;

(c) if the Bidder is a corporation, the full name of the corporation shall be inserted;

(d) if the Bidder is carrying on business under a name other than his own, the business name and the name of every partner or corporation who is the owner of such business name shall be inserted.

B7.2.1 If a Bid is submitted jointly by two or more persons, each and all such persons shall identify themselves in accordance with B7.2.

B7.3 In Paragraph 3 of Form A: Bid, the Bidder shall identify a contact person who is authorized to represent the Bidder for purposes of the Bid.

B7.4 Paragraph 9 of Form A: Bid shall be signed in accordance with the following requirements:

(a) if the Bidder is a sole proprietor carrying on business in his own name, it shall be signed by the Bidder;

(b) if the Bidder is a partnership, it shall be signed by the partner or partners who have authority to sign for the partnership;

(c) if the Bidder is a corporation, it shall be signed by its duly authorized officer or officers;

(d) if the Bidder is carrying on business under a name other than his own, it shall be signed by the registered owner of the business name, or by the registered owner's authorized officials if the owner is a partnership or a corporation.

B7.4.1 The name and official capacity of all individuals signing Form A: Bid shall be printed below such signatures.

B7.4.2 All signatures shall be original.

B7.5 If a Bid is submitted jointly by two or more persons, the word "Bidder" shall mean each and all such persons, and the undertakings, covenants and obligations of such joint Bidders in the Bid and the Contract, when awarded, shall be joint.

B8. PRICES

B8.1 The Bidder shall state a price in Canadian funds for each item of the Work identified on Form B: Prices.

B8.1.1 Prices on Form B: Prices shall include:

(a) duty;

(b) freight and cartage;

(c) weight tax, air conditioning tax, environmental tax, Provincial and Federal taxes [except the Goods and Services Tax (GST) and Provincial Sales Tax (PST), which shall be extra where applicable] and all charges governmental or otherwise paid;

(d) profit and all compensation which shall be due to the Contractor for the Work and all risks and contingencies connected therewith.

B9. QUALIFICATION

B9.1 The Bidder shall:

(a) undertake to be in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba, or if the Bidder does not carry on business in Manitoba, in the jurisdiction where the Bidder does carry on business; and

(b) be financially capable of carrying out the terms of the Contract; and

(c) have all the necessary experience, capital, organization, and equipment to perform the Work in strict accordance with the terms and provisions of the Contract.

B9.2 The Bidder and/or any proposed Subcontractor (for the portion of the Work proposed to be subcontracted to them) shall:

(a) have successfully carried out work similar in nature, scope and value to the Work; and

(b) be fully capable of performing the Work required to be in strict accordance with the terms and provisions of the Contract; and

(c) have a written workplace safety and health program, if required, pursuant to The Workplace Safety and Health Act (Manitoba);

B9.3 The Bidder shall submit, within three (3) Business Days of a request by the Protective Services Manager , proof satisfactory to the Protective Services Manager of the qualifications of the Bidder and of any proposed Subcontractor.

B9.4 The Bidder shall provide, on the request of the Protective Services Manager, full access to any of the Bidder's equipment and facilities to confirm, to the Protective Services Manager satisfaction, that the Bidder's equipment and facilities are adequate to perform the Work.

B10. RELEASE OF BID INFORMATION

B10.1 The Bidder is advised that any information contained in any Bid may be released if required by R.M. of St. Clements policy or procedures, by The Freedom of Information and Protection of Privacy Act (Manitoba), by other authorities having jurisdiction, or by law.

B10.2 The bidder is advised the information contained in this Bid will be made available to the PCMR and its members

B11. IRREVOCABLE BID

B11.1 The Bid(s) submitted by the Bidder shall be irrevocable for the time period specified in Paragraph 8 of Form A: Bid.

B12. WITHDRAWAL OF BIDS

B12.1 A Bidder may withdraw their Bid by giving written notice to the Protective Services Manager at any time prior to the Submission Deadline.

B13. EVALUATION OF BIDS

B13.1 Award of the Contract shall be based on the following bid evaluation criteria:

(a) compliance by the Bidder with the requirements of the Bid (15 points);

(b) qualifications and requirements of the Bidder, Manufacturer and any Subcontractors. (30 points);

(c) compliance with bid specifications (25 points);

(d) body design material and construction (15 points);

(e) Total Bid Price (15 points);

(f) economic and operational analysis of an additional/alternate bid as per Form C Section 1.1

B13.2 Further to B13.1(a), the Protective Services Manager may reject a Bid as being non-responsive if the Bid Submission is incomplete, obscure or conditional, or contains additions, deletions, alterations or other irregularities. The Protective Services Manager may reject all or any part of any Bid, or waive technical requirements or minor informalities or irregularities if the interests of the R.M. of St. Clements so require.

B13.3 Further to B13.1(b), the Protective Services Manager shall reject any Bid submitted by a Bidder who does not demonstrate, in their Bid or in other information required to be submitted, that he is responsible and qualified.

B13.4 Further to B13.1 (c and d), the information provided in the bid submission will be evaluated, rated and assigned a score at the sole discretion by the Protective Services Manager.

B13.5 Further to B13.1(e), the Total Bid Price shall be that Form B: Prices. Options will be considered separately.

B13.6 Further to B13.1 (f), The Protective Services Manager will analyse, evaluate and compare additional or alternate bid submissions to bids submitted in accordance with Form C (Detailed Specifications). At the sole discretion of the Protective Services Manager submissions considered acceptable in this process will be advanced on their merit for award consideration.

B13.7 This Contract will be awarded as a whole.

B14. AWARD OF CONTRACT

B14.1 The Municipality will give notice of the award of the Contract or will give notice that no award will be made by posting award information on its webpage.

B14.2 The Municipality will have no obligation to award a Contract to a Bidder, even though one or all of the Bidders are determined to be responsible and qualified, and the Bids are determined to be responsive.

B14.2.1 Without limiting the generality of B14.2, the Municipality will have no obligation to award a Contract where:

(a) the prices exceed the available R.M of St. Clements funds for the Work;

(b) the prices are materially in excess of the prices received for similar work in the past;

(c) only one Bid is received; or

(d) In the judgment of the Protective Services Manager, the interests of the R.M. of St. Clements would best be served by not awarding a Contract.

B14.3 Where an award of Contract is made by the R.M of St. Clements representative, the award shall be made to the responsible and qualified Bidder submitting the highest evaluated responsive Bid that best favors the interests of the R.M of St. Clements.

B14.4 The R.M of St. Clements will issue a Purchase Order to the successful Bidder in lieu of the execution of a Contract. The Purchase Order will indicate the Items required by the R.M of St. Clements.

B14.5 The Contract Documents in their entirety shall be deemed to be incorporated in and to form a part of the Purchase Order notwithstanding that they are not necessarily attached to or accompany said Purchase Order.

B15. SCOPE OF WORK

B15.1 The Work to be done under the Contract shall consist of material, components and labour in accordance with Detailed Specifications.

B15.2 Any material, labour or components not specifically mentioned or included herein, but may be required to complete, perfect and place the equipment in successful operation, shall be furnished by the Contractor as though specifically mentioned in these Contract Documents. The Contractor shall supply the equipment and all components and all features that are normally considered to be standard on that equipment, unless specifically excluded in the Detailed Specifications.

B15.3 Unless specifically stated otherwise in the Detailed Specifications, only new, unused equipment of current manufacture shall be accepted.

B15.4 If at any time during the thirty six (36) month period following the award of the Contract, the R.M. of St. Clements or other members of the PMCR (Partners of the Manitoba Capital Region) require additional quantities of the Items, the municipality or PMCR members may request the Contractor to supply additional quantities at the unit prices set out in this Contract under an amended contract adjusted for inflation, currency value adjustment and authority requesting the work. The Contractor may decline to supply the additional quantities without penalty.

B16. CONTRACT ADMINISTRATOR

B16.1 The Contract Administrator is The Protective Services Manager for the R.M. of St. Clements, Manitoba as identified below:

Carmen Barna-Germain
Protective Services Manager, R.M. of St. Clements
1043 Kittson Rd
RR 1, East Selkirk, MB R0E 0M0

Telephone Number (204) 482-3300

Facsimile Number (204) 482-3098

B17. NOTICES

All notices of appeal to the Chief Administrative Officer shall be sent to the following address or facsimile number:

Chief Administrative Officer, R.M. of St. Clements
1043 Kittson Rd
RR 1, East Selkirk, MB R0E 0M0

Facsimile Number (204) 482-3098

B17.1 Final inspection of the equipment shall be conducted as promptly as practicable. Thorough examination of the equipment and successful completion of a performance test by the Protective Services Manager or designate shall be required as part of the inspection process. Failure to pass the inspection will result in rejection of the Rapid Response Unit until such time as the manufacturer remedies the cause of the failure and one follow-up inspection occurs.

B17.2 Equipment that fails to successfully complete the inspection process shall be rejected and removed at the expense of the Contractor, promptly after notification by the Contract Administrator.

SUBMISSIONS

B18. AUTHORITY TO CARRY ON BUSINESS

B18.1 The bidder/manufacturer shall be in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba, or if the manufacturer does not carry on business in Manitoba, in the jurisdiction where the manufacturer does carry on business, throughout the term of the Contract, and shall provide the Contract Administrator with evidence thereof upon request.

SCHEDULE OF WORK

B19. COMMENCEMENT

B19.1 The Bidder and/or Manufacturer shall not commence any Work until he is in receipt of a notice of award from the R.M. of St. Clements authorizing the commencement of the Work.

B20. CERTIFICATE OF TOTAL PERFORMANCE

B20.1 A Certificate of Total Performance shall be issued by the Contract Administrator, for the equipment supplied under this Contract, following successful completion of the inspection process for all pieces of equipment in accordance with the award.

B21. PARTS AVAILABILITY

B21.1 In order to assure minimum downtime of the equipment, the Manufacturer shall maintain a stock of all replacement parts in North America, either in their own inventory or in that of an agency that normally supplies parts to the Manufacturer, for a period of ten (10) years of the date the equipment is placed into service.

MEASUREMENT AND PAYMENT

B22. PAYMENT

B22.1 Payment shall be in Canadian funds net thirty (30) Calendar Days after successful completion of the inspection process or when the equipment has been successfully placed into operation.

INDEMNITY

B23. INDEMNITY

B23.1 Notwithstanding Form C - Detailed Specification, Section 3.4(v), the Contractor shall indemnify the Rural Municipality of St. Clements in the amount of a minimum of twice the Contract value plus two (2) million dollars.

WARRANTY

B24. WARRANTY AND SERVICING

B24.1 The Bidder/manufacturer shall provide and maintain **"on-site"** warranty services throughout the duration of the warranty period specified in Form C: Specifications. On-site warranty services shall only be requested where minor repair work is required, or when the Rapid Response Unit is immobile.

B24.2 The warranties identified in Form C - Detailed Specifications (Section 31) shall be applied and result in no additional cost to the R.M. of St. Clements for work performed relevant to the warranty claim.

B24.3 As identified in Section 3.6 (Qualifications and Requirements of the Manufacturer and Bidder); On a long term basis, the bidder must be able to provide or be able to sub-contract all required service work including general parts, engine, transmission and pump on behalf of the manufacturer in a timely fashion and with minimum loss of apparatus availability to the R.M. of St. Clements. To provide this requirement, servicing is preferred to be performed the City of Selkirk, City of Winnipeg or by mobile service unit. Such servicing is to be available on a 24 hour per day, 7 days a week basis. The bidder must provide the name of the servicing agency and its contact information with their Bid Submission.