

FORM A: BID
(See B8)

1. Contract Title SUPPLY & DELIVERY OF AN AERIAL LADDER PLATFORM

2. Bidder

Name of Bidder

Usual Business Name of Bidder as it appears on Invoice (if different from above)

Street

City

Province

Postal Code

(Mailing address if different)

Email Address of Bidder

Facsimile Number

Street or P.O. Box

City

Province

Postal Code

(Choose one)

GST Registration Number (if applicable)

The Bidder is:

a sole proprietor

a partnership

a corporation

carrying on 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

Email Address

4. Definitions

All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions and D3.

5. 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.

6. Commencement of the Work The Bidder agrees that no Work shall commence until he/she is in receipt of a notice of award from the Award Authority authorizing the commencement of the Work.

7. 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.

8. 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
_____	_____
_____	_____
_____	_____

9. Time This offer shall be open for acceptance, binding and irrevocable for a period of sixty (60) Calendar Days following the Submission Deadline.

10. Signatures 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
(See **B9**)

SUPPLY & DELIVERY OF AN AERIAL LADDER PLATFORM

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Aerial Ladder Platform	14039	Each	1	

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 14039

1.0 **INTENT**

- 1.1 It is the intent of these specifications to describe a 2014 or newer aerial ladder platform.
- 1.2 The Aerial Ladder Platform shall be furnished complete and ready for use. Any parts not specifically mentioned but which are required to complete and place the Aerial Ladder Platform in successful operation shall be furnished as though specifically mentioned in these specifications.
- 1.3 The ratings specified herein state the general values acceptable to the City of Winnipeg Fire Paramedic Service, not implying that those values are sufficient for the design of the particular Aerial Ladder Platform being bid.

2.0 **SAFETY STANDARDS**

- 2.1 The Aerial Ladder Platform must comply with National Fire Protection Association Standard 1901 (NFPA) (current edition). NFPA 1901, with latest revisions, form an integral part of these specifications and any conflict with the specifications shall be brought to the attention of the Contract Administrator in Clause D4.1 of the Supplemental Conditions
- 2.2 All applicable SAE standards form an integral part of the aerial ladder platform specifications and shall have precedence in any conflict concerning minimum acceptable standards.
- 2.3 The Aerial Ladder Platform and all associated equipment as stated in the Contract shall comply with the applicable standards:
- Highway Traffic Act
 - Canadian Motor Vehicle Safety Standards
 - Transport Canada
 - National Safety Mark, NSM
 - Manitoba/Winnipeg Safety and Health Act, Parts 12, 22
 - Canadian Standards Association
 - Society of Automotive Engineers
 - City of Winnipeg Lighting Visibility Standard = <http://winnipeg.ca/matmgt/pdfs/PublicWorksEquipLightingVisibility.pdf>
 - Under Writers of Canada -ULC S515-13 Safety Standard. ULC S515-13 Safety Standard is in effect and requires all labels/warnings to be dual language. The new edition of CAN/ULC-S515-13 mirrors the 2009 edition of NFPA 1901 and will result in a combined set of verification criteria. There will be no change to the current requirements being used for inspection. This approach was discussed with Canadian Regulatory Authorities at the May 2012 ULC Advisory Council Meeting and the members agreed with the program as described. The effective date is November 1, 2014. Compliance with the requirements will be determined through factory audits to verify manufacturer conformance to the new edition of CAN/ULC S515, along with inspection of representative fire apparatus models. Audits will be scheduled to provide sufficient time to successfully complete the process prior to the effective date. Manufacturers must complete the process for ULC to evaluate production to CAN/ULC S515-13. Automobile Fire Fighting Apparatus that are contracted before November 1, 2014 may be certified to CAN/ULC-S515-04. Automobile Fire Fighting Apparatus that are contracted after November 1, 2014 shall be inspected & tested to CAN/ULC-S515-13.
- 2.4 The chassis being supplied for the Aerial Ladder Platform shall be the same model that has been tested to demonstrate that it meets the requirements European Crash Test Standards, ECE R-29 Uniform Provisions Concerning the Approval of Vehicles with Regard to the Occupants of the Cab of a Commercial Vehicle. The Bidder shall submit within (48) hours of the request of the Contract Administrator, proof of compliance with E.C.E. Reg. 29, including the test results, certified by a registered Professional Engineer and satisfactory to the Contract Administrator.

3.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

3.1 All items in these specifications must be answered indicating compliance or non-compliance. **Bidders shall state “yes” for compliance or state the deviation**, or state the information requested. All deviations shall be clearly stated and fully detailed.

3.2 Each bidder is required to fill in every blank. Failure to do so may be used as a basis for rejection of bid.

4.0 ELIGIBLE CHASSIS TYPE

4.1 Shall be a low forward cab over type with winter insulation package _____

5.0 PERFORMANCE

5.1 The aerial ladder platform shall be designed and built to operate on a high continuous usage basis in the climatic conditions common to the City of Winnipeg. Refer to 36.1 of Detailed Specifications. _____

Note: The City of Winnipeg has four seasons with ambient temperatures ranging from approximately 95F (35C) to -40F (-40C), with an average annual snowfall of approximately 42 in. (1070 mm). The Aerial Ladder Platform when not in use will be stored in a heated building.

5.2 It should be noted that the successful Bidder will be documented regarding performance when the vehicles are put into service. This performance documentation will be used for consideration for future purchases. _____

5.3 **Responsibility for the design-** The responsibility for the design of the complete Aerial Ladder Platform, its performance and reliability shall rest upon the Contractor. _____

5.4 **Repeated failures-** Where the Aerial Ladder Platform develops “repeated failures” in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance, at no cost to the City with a reapplied full warranty. _____

6.0 SERVICE FACILITY & QUALIFICATIONS OF MANUFACTURER

6.1 For the purpose of warranty repairs and service support, the Contractor shall have an authorized service facility located within 25 kilometres of the City of Winnipeg Fire Department Emergency Mechanical Services Branch located at 2546 McPhillips Street, Winnipeg Manitoba (no exceptions). The facility or a portion thereof, shall be dedicated to the service and maintenance of Aerial Ladder Platform being offered. Further to B11, Bidders shall provide a description of the service facility including, but not limited to, number of qualified service staff, years of service experience, and general service capabilities within three (3) Business Days upon request of the Contract Administrator. _____

6.2 All components of the Aerial Ladder Platform requiring regular scheduled servicing or lubrication shall be easily accessible. The design and construction of the Aerial Ladder Platform shall be such that the removal of drive train components including, but not limited to, the engine, transmission and transfer case, can be accomplished without dismantling the Aerial Ladder Platform body. _____

6.3 The manufacturer of the Aerial Ladder Platform shall have five (5) years continuous experience manufacturing Aerial Ladder Platforms. The manufacturer shall have in effect a complete and documented quality control program ensuring

compliance with all applicable standards. _____

6.4 A list of at least five (5) references for Aerial Ladder Platform shall be included. The list shall include the fire department's name, location, contact person, telephone number and the length of time the Aerial Ladder Platform has been in service. The manufacturer of the Aerial Ladder Platform shall have successfully demonstrated the operation of the type of Aerial Ladder Platform being offered in cold weather (-40°C) conditions. _____

6.5 The Contract Administrator shall determine if the service facility meets the required qualifications. _____

7.0 GVWR, DIMENSIONS, WEIGHT DISTRIBUTION & TURNING RADIUS

7.1 **Weight distribution**- Bidder to provide Weight distribution documentation with water and foam and all associated tools and equipment. (Actual weight on front and rear axle). _____

- **Front-** _____

- **Rear-** _____

7.2 **Weigh scale ticket** – The Contractor shall provide a certified weigh scale ticket upon delivery of the completed unit. The scale ticket shall include front and rear axle weights including five (5) occupants, full of water, foam and all equipment as specified in this proposal. _____

7.3 **Center of Gravity**- The vehicles shall meet all safety standards in relation to center of gravity. _____

7.4 **GVWR**- Gross vehicle weight rating (GVWR), **state-** _____

7.5 **Tare Weight**- State the tare weight of the Aerial Ladder Platform being bid: _____

- **Front-** _____

- **Rear-** _____

- **Total-** _____

7.6 **Dimensions**- State the following dimensions: _____

a) **Overall width** – 102 inches. _____

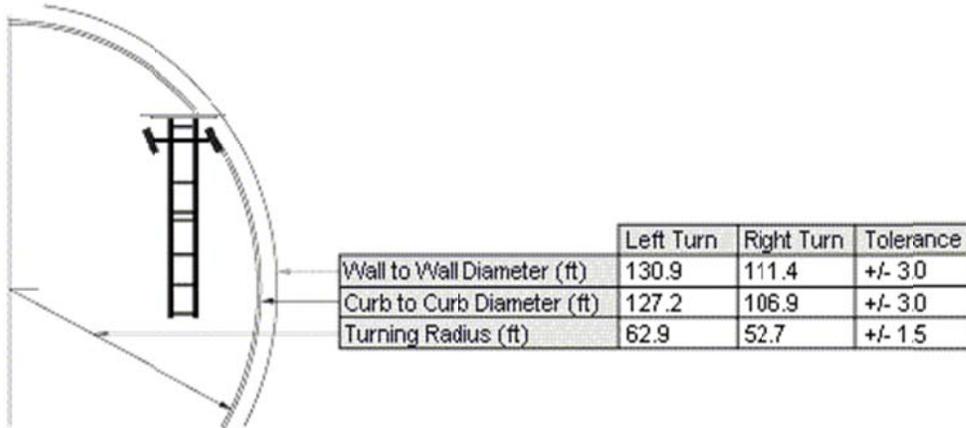
b) **Overall height** – 120 inches. _____

c) **Overall length** – 46 ft. – 48 ft. _____

d) **Wheelbase** – **State-** _____

e) **Ground clearance** – 8 inches. _____

7.7 **Turning Radius- State** the vehicle turning radius, wall to wall. Curb to Curb.
Example:



- a) Wall to Wall (ft.)- _____
- b) Curb to Curb(ft.)- _____
- c) Turning Radius (ft.)- _____

7.8 The Contractor shall ensure that the weight of the complete aerial ladder Platform does not exceed the Gross Vehicle Weight Ratings of the Chassis. _____

8.0 **Unit Description** Shall be a 2014 or newer aerial ladder platform and must provide a 100 ft. height extension or greater provided complete with a pump and tank and supplied with an attached list of equipment. _____

9.0 **Chassis Type** Shall be a low forward cab over design with 5 person seating and a 10 inch raised roof with winter insulation package or equivalent. _____

10.0 **Engine** Approx. 500 HP @ 1800 RPM with 1650 ft. lb. torque @ 1200 R.P.M. or equivalent. All applicable power deductions and parasitic losses associated with the specified equipment shall be considered as required. Engine must be current 2014 EPA emission standards. _____

11.0 **Exhaust System** Aerial Ladder Platform to be supplied with an Aerial Ladder Platform mounted Ward Diesel Exhaust Filter or equivalent. _____

12.0 **Cooling** Heavy Duty Engine Cooling System, Radiator, Extended Life Long Coolant _____

13.0 **Transmission** Transmission shall be an Allison EVS4000 automatic transmission as for Fire and Emergency. Pump Mode in fifth gear. _____

14.0	<u>Electrical Supply System</u>	Multiplex Electrical System, Cold Cranking Amp Heavy Duty Batteries, Battery Charging System, Ground Wire, and Heavy Duty Alternator with thermal protection and over crank protection.	_____
15.0	<u>Fuel System</u>		
15.1	Fuel Tank Capacity, state-		_____
15.2	Fuel Tank Construction, state-		_____
16.0	<u>Drive Shafts, Axles & Suspensions</u>		
16.1	Front Axle Capacity, state-		_____
16.2	Rear Axle Capacity, state-		_____
16.3	Front Air Ride Suspension		_____
16.4	Rear Air Ride Suspension		_____
16.5	Wheels & Tires, state-		_____
17.0	<u>Brake System</u>		_____
17.1	Anti-Lock Braking System, High capacity Air Compressor, Air Dryers Drain Values, Auxiliary Air Pump, Heavy Duty Steering System		_____
18.0	<u>Frame</u>		
18.1	Construction type and method, state-		_____
18.2	Front Tow Hooks		_____
18.3	Rear Tow Hooks		_____
18.4	Front Bumper		_____
19.0	<u>Cab & Cab Equipment including</u>		
19.1	Construction type and method, state-		_____
19.2	Insulating Materials type and method, state-		_____
19.3	Entrance Doors, state-		_____
19.4	Step Area Lighting, state-		_____
19.5	Seating Layout, state-		_____
19.6	Windows, state-		_____
19.7	Mirrors, state-		_____
19.8	Heating and Air Conditioning, state-		_____
19.9	Instrumentation, state-		_____

20.0 **Fire Pump**

- 20.1 Manufacturer **state-** (Hale X-Max preferred) _____
- 20.2 Capacity **state-** _____
- 20.3 Pump Overheat Protection System _____
- 20.4 Relief Valve System _____
- 20.5 Priming Pump _____
- 20.6 Inlet & Outlet Configuration and Number _____
- 20.7 Inlet & Outlet Sizes _____
- 20.8 Tank to Pump Line _____
- 20.9 Pump Discharge Outlets to meet WFPS/WFD Hose Connection Specifications _____
- 20.10 Pump Compartment _____
- 20.11 Pump Compartment Heater _____
- 20.12 Pump Panel _____

21.0 **Pump Drive**

- 21.1 Shifting Mechanism _____
- 21.2 Shift Control _____
- 21.3 Warning Lights _____

22.0 **Pump Operator's Panel**

- 22.1 Location **state-** _____
- 22.2 Pressure Gauge Configuration _____
- 22.3 NFPA 1901 – 2009 Test Plate _____

23.0 **Water Tank**

- 23.1 Construction type and method, **state-** _____
- 23.2 Capacity **state-** _____
- 23.3 Baffles _____
- 23.4 Fill Tower _____
- 23.5 Mounting Specifications _____
- 23.6 External Tank Drain _____

24.0 **Aerial Ladder Platform Body**

- 24.1 Type & Style type and method, **state-** _____
- 24.2 Construction type and method, **state-** _____
- 24.3 Compartment Floor Construction, **state-** _____
- 24.4 Insulating Materials, **state-** _____
- 24.5 Compartment Design, **state-** _____
- 24.6 Compartment Doors, **state-** _____
- 24.7 Compartment Lighting, **state-** _____
- 24.8 Shelves, **state-** _____

25.0 **Equipment Compartments**

- 25.1 Ground Ladders (Specify Lengths and Number of Ladders) _____
- 25.2 Pike Poles (Specify Lengths and Numbers of Pike Poles) _____
- 25.3 SCBA Air Bottles (Storage Capability) _____

26.0 **Hose Bed**

- 26.1 Construction _____
- 26.2 Capacity _____
- 26.3 Design _____
- 26.4 Cover _____
- 26.5 Dividers _____

27.0 **Transverse Cross-lay Area**

- 27.1 Description _____
- 27.2 Design _____
- 27.3 Two 1³/₄" Attack Lines with 200' of Hose _____

28.0 **General Electrical Systems**

- 28.1 Aerial Ladder Platform to be Multiplexed _____
- 28.2 Electrical Description _____
- 28.3 Wiring Description _____

28.4 Connection Specifications- _____

All vehicle lighting shall conform to C.M.V.S.S. and Manitoba Highway Traffic Act requirements. All body contractor installed wiring shall be numbered, colour coded, loomed, properly secured and protected from damage. All electrical connectors shall be crimped and soldered, then sealed using heat shrink tubing. All joining of wires shall be soldered and sealed using heat shrink tubing (crimp on electrical connectors for joining wires are not acceptable). All holes required for routing wiring shall be drilled (not punched), grommetted and sealed as required. All chassis and body wiring shall be colour coded for electrical fault tracing.

28.5 Electrical Distribution Panel/s, **state configuration and location-** _____

29.0 Vehicle Lighting & Warning Equipment

29.1 The Vehicle Lighting & Warning Equipment shall meet the Canada Motor Vehicle Safety Act and the Manitoba Highway Traffic Act for the Aerial Ladder Platform. _____

29.2 Aerial Ladder Platform shall have an LED optical warning system that meets and/or exceeds NFPA 1901 _____

29.3 Light Bar Specifications _____

29.4 Red Warning Lights _____

29.5 Air Horns _____

29.6 Light Tower _____

29.7 Backup Alarm _____

30.0 Generator

30.1 Type & Manufacturer, **state-** _____

30.2 Output, **state-** _____

30.3 Cable Reel/s _____

31.0 **Ladder**

- 31.1 Construction type and method, **state-** _____
- 31.2 Length, **state-** _____
- 31.3 Design, **state-** _____
- 31.4 Capacity, **state-** _____
- 31.5 Cable, **state-** _____
- 31.6 Maintenance, **state-** _____
- 31.7 Serviceability, **state-** _____
- 31.8 Operation, **state-** _____
- 31.9 Weight, **state-** _____
- 31.10 Controls, **state-** _____
- 31.11 Lighting, **state** _____

32.0 **Platform**

- 32.1 Design, **state-** _____
- 32.2 Construction type and method, **state-** _____
- 32.3 Size, **state-** _____
- 32.4 Capacity, **state-** _____
- 32.5 Operation, **state-** _____
- 32.6 Water Monitors, **state-** _____
- 32.7 Tools, **state-** _____
- 32.8 Weight Restrictions, **state-** _____

33.0 **Paint Colour** The Aerial Ladder Platform **preferred** paint as follows:

- 33.1 Cab – painted two tone colour scheme with the bottom half Red to match SIKKENS Brand Code 911662 (Red) and the top half Black to match SIKKENS Brand Code 910788 (Black), using a polyurethane enamel paint. (DuPont Imron or Sikkons paint) _____
- 33.2 Aerial Ladder Platform Body – Painted red to match the bottom half of the cab _____
- 33.3 Aerial Ladder Platform Body Compartments Interior – Painted with light grey, scratch resistant, automotive grade paint _____

- 33.4 Chassis Frame, Axles, & Undercarriage – Painted using smooth black corrosion resistant paint. Paint Application - All paint shall be applied in accordance with the paint manufacturer’s recommendations. All surfaces shall be properly cleaned, prepared and primed with a suitable primer prior to painting. Painting shall have been performed in an atmosphere controlled spray booth. The cab and Aerial Ladder Platform body shall have been painted with all trim and hardware removed. All mounting holes shall have been drilled and deburred and nutserts shall be installed in blind holes prior to painting. Any caulking of body seams shall be performed prior to painting. Caulking material shall be of the highest industry standards. _____
- 33.5 Reflective Striping on all vehicles. _____
- 34.0 Tools & Equipment** -The Aerial Ladder Platforms shall include:
- 34.1 One (1) Variable Speed Electrical Positive Pressure Blower c/w 12/3 cord and 20 Amp *twist lock plug* _____
- 34.2 One (1) 10 foot Folding (Attic) Ladder, *Duo-Safety 585-A Series or equivalent* _____
- 34.3 One (1) Little Giant Ladder *Type 1A Model 17 or equivalent* _____
- 34.4 Two (2) 8 foot Fibreglass Pike Poles with non-slip “D” handle _____
- 34.5 Two (2) 6 foot Fibreglass Pike Poles with non-slip “D” handle _____
- 34.6 One (1) 5 foot New York Roof Hook _____
- 34.7 Two (2) 6 lb. (2.7 kg) Pick Head Fire Axes with fibreglass handles _____
- 34.8 One (1) 8 lb. flat head axe _____
- 34.9 One (1) 10 lb. (4.5 kg) Sledgehammer with fibreglass handle _____
- 34.10 One (1) 50 in. (1270 mm) Pry Bar _____
- 34.11 One (1) Kelly Tool _____
- 34.12 One (1) 24 inch Goose Neck Pry Bars _____
- 34.13 Two (2) Square Mouth Shovels _____
- 34.14 One (1) 2½ gal. (11 L) Stainless Steel Pressurized Water Extinguisher supplied c/w a separate hand pump to pressurize _____
- 34.15 One (1) 15 lb. (6.8 kg) BC Rated CO² Extinguisher _____
- 34.16 One (1) 20 lb. (9.1 kg) BC Rated Pressurized Dry Chemical Extinguisher _____
- 34.17 One (1) Hydraulic Powered Door Opener “*Rabbit Tool*” by “Hydra Ram” c/w hand pump, pry bar, hammer and carry bag, _____
- 34.18 Two (2) 2½ in. (64 mm) *WCT Akron Model 4825 Nozzles. (500-1100)* _____
- 34.19 One (1) 2½ in. (64 mm) *WCT Akron Model 2393 Axial Play Pipe* c/w stacked tips _____

- 34.20 Three (3) 1½ in (38 mm) *Akron Model 4820 Assault Nozzle with Pistol Grip (350-550)* _____
- 34.21 One (1) 1½ in (38 mm) *Akron Model 1720 Turbojet Nozzle with Pistol Grip (500)* _____
- 34.22 One (1) 1½ in. (38 mm) *Nozzle, Akron Style 4715, (350-550)* _____
- 34.23 One (1) *Akron 777 Quick Attack Foam Tube* _____
- 34.24 One (1) Light Weight, Ball Valve Water Thief, *Akron Style 1573, 2½ in. (64 mm) female swivel Western Canada thread x one 2½ in. (64 mm) male Western Canada thread and two 1½ in. (38 mm) male National Pipe Thread* _____
- 34.25 Two (2) 2½ in. (64 mm) *Hydrant Gate, Akron Style 2285, Western Canada Thread* _____
- 34.26 One (1) *Akron 2582 4" Storz to 3 x 2½ WCT Male Valve and Mount* _____
- 34.27 Two (2) 2½ in. (64 mm) *Double Male Adapters, Akron Style 336 – Pyrolite, Western Canada Thread* Two (2) 2½ in. (64 mm) *Double Female Swivel Adapters, Akron Style 335 – Pyrolite, Western Canada Thread* _____
- 34.28 Two (2) 4 in. (102 mm) *Storz x 2½ in. (64 mm) Male Western Canada Thread Adapter, c/w protective cap on male thread* _____
- 34.29 Two (2) 4 in. (102 mm) *Storz x 2½ in. (64 mm) Female Swivel Western Canada Thread x 30°, 4 in. (102 mm) Storz Adapter* _____
- 34.30 Two (2) 2½ in. (64 mm) *Western Canada Thread Male to 1½ in. (38 mm) NPT Female Adapter, Pyrolite or Brass* _____
- 34.31 Three (3) *6" hydrant to 4" Storz Swivel Hydrant Adaptors* _____
- 34.32 One (1) *Demountable Portable Monitor with Tip-Over Protection, Crossfire TFT or equal, complete with 4 in. (102 mm) single Storz inlet, 2499 quad stacked tips and stream straightener (18 in.) (457 mm) long. Stream straightener and quad stacked tips shall be adaptable to Akron monitor c/w a portable monitor compartment storage bracket. Mounting brackets shall also be required for the stream straightener and tips* _____
- 34.33 Twelve (12) 64 mm *Hose Angus ULTIMA Double Jacket, Rubber Lined Fire Hose coupled WCT* _____
- 34.34 Eight (8) 100mm X 33M *Angus Hi-Volume Storz Hose* _____
- 34.35 Two (2) 100mm X 15M *Angus Hi-Volume Storz Hose* _____
- 34.36 Eleven (11) lengths of 1¾ in. *Angus ULTIMA Double Jacket, Rubber Lined Fire Hose coupled with 1½ in. NPSH* _____
- 34.37 One (1) *Stihl Rescue Saw Model # TS-420 c/w one (1) 12 in. 24 tooth carbide blade, one (1) 14 in. metal blade and one (1) 14 in. concrete blade* _____
- 34.38 One (1) *Lennox Hacksaw c/w 3 blades* _____

- 34.39 One (1) Set of Wheel Chocks. (mounted) _____
- 34.40 One (1) 30 in. Bolt Cutters _____
- 34.41 One (1) *Tempest Ventilation Fan Model 700-086* – 16” PPV, 5.5 HP
Honda c/w with catalytic convertor _____
- 34.42 Two (2) Combination Stortz Wrenches with mount bracket _____
- 34.43 Two (2) Combination Stortz Wrenches loose _____
- 34.44 One (1) Hose Clamp (manual able to accept 4 inch hose) _____
- 34.45 One (1) *Honda EU2000i Portable Generator* c/w Light _____
- 34.46 Two (2) Portable LED Lights c/w Cord Reels _____
- 34.47 Four (4) Energizer Hard Case Lanterns c/w batteries _____
- 34.48 Two (2) 50’ Extension Cord 12/3 (20 Amp twist lock plugs) _____
- 34.49 One (1) “*Roto-pax*” 1gallon gas can (Red) _____
- 34.50 One (1) “*Roto-pax*” 1gallon gas can (Blue) _____
- 34.51 One (1) 150’ Kernmantle Life Safety Rope w/bag with a breaking
strength of as per NFPA #1983 _____
- 34.52 One (1) *Chainsaw Stihl* (Model-MS 461 Magnum) with adjustable chain
guard & wrench _____
- 34.53 One (1) Halligan Tool _____

- 34.54 One (1) Set of Electric Lithium Ion Battery Operated Automobile
Extrication Tools to include: _____

-One (1) Hydraulic Cutter – c/w 2 batteries and one charger (Hurst
Model S700E2 or equivalent)

-One (1) Hydraulic Spreader – c/w 2 batteries and one charger (Hurst
Model SP310E2 or equivalent)

-One (1) Hydraulic Ram with 12” (300mm) extension–c/w 2 batteries
and one charger (Hurst Model R411E or equivalent)

-One (1) Ram Support (to be used on door sills)

-One (1) 115v power adapter cord (to be plugged into an electrical
source: generator, etc.)

35.0 **DELIVERY AND INSTALLATION**

35.1 Fifty-two (52) calendar weeks from the date of award. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days. _____

35.2 Delivery Point: The complete unit shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including invoice and N.I.V.S. (if applicable) to the WFMA 185 Tecumseh Street, Winnipeg MB. _____

35.3 Delivery Contact: The Contractor shall contact the Contract Administrator prior to delivery of the equipment. _____

35.4 P.D.I: A pre-delivery inspection shall be performed by the Contractor on the equipment prior to delivery. _____

36.0 **CLIMATE PACKAGE**

36.1 The complete truck including chassis, body, pump and or any other necessary components must be able to operate in weather conditions as stated in 5.1 of Detailed Specifications. This shall include necessary insulation packages. _____

37.0 **MANUALS**

37.1 Manuals supplied under this Contract. The manuals shall cover the complete equipment including all components thereof, CD is preferred where available. _____

37.2 The following manuals shall be supplied with the units when delivered: _____

a) Operator's manual – Two (2) per unit (one operator manual shall be sent to the Winnipeg Fire Paramedic Service Training Academy

b) Parts and service manuals – one (1) complete sets including preventative maintenance schedules. CDs are preferred.

38.0 WARRANTY

38.1 The warranty on the Aerial Ladder Platform shall include 100% replacement parts and labour at **no cost to the Winnipeg Fire Paramedic Service** and shall cover the complete equipment and all parts thereof against any defects of workmanship, construction and materials from the effective date of in-service. All warranty information shall be detailed and **include all exclusions and preventative maintenance schedules to ensure warranty is honoured.** The successful bidder shall provide all published warranty information upon delivery of the equipment.

Chassis	One Year	_____
Engine	Five Year	_____
Transmission	Five Year	_____
Driveline	Two Year	_____
Axles	Two Year	_____
Chassis Electrical	One Year	_____
Tires	One Year	_____
Frame Rails	Lifetime	_____
Cab Structure	Ten Year	_____
Chassis Paint	Seven Year	_____
Body Structure	Ten Year	_____
Body Electrical	One Year	_____
Body Lighting	Manufacturer	_____
Body Paint	Seven Year	_____
Aerial Platform	Twenty Year	_____
Aerial Ladder	Twenty Year	_____
Plumbing	Ten Year	_____
Platform Corrosion	Twenty Year	_____
Ladder Corrosion	Twenty Year	_____
Telescopic Waterways	Ten Year	_____
Rollup Doors	Three Year	_____
Diesel Exhaust System	One Year	_____
Pump	Five Year	_____

Tank	Lifetime	

38.3 **Warranty Administration Coordinator**- The successful Bidder shall have a dedicated person allocated and available 24/7 to receive phone calls and determine, co-ordinate, schedule and have the ability to authorize all warranty related issues which arise during the warranty period.

38.4 **State** the name of the person responsible and alternate along with the 24hr. emergency phone number-
