

FORM A: BID
(See B8)

1. Contract Title SUPPLY AND DELIVERY OF A BREATHALYZER VEHICLE

2. Bidder

Name of Bidder

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

Street

City

Province

Postal Code

Email Address of Bidder

Facsimile Number

(Mailing address if different)

Street or P.O. Box

City

Province

Postal Code

GST Registration Number (if applicable)

The Bidder is:

(Choose one)

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 AND DELIVERY OF A BREATHALYZER VEHICLE

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Breathalyzer Body	17077	Each	1	
2.	19,500 lbs. GVWR Regular Cab and Chassis	17078	Each	1	

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 17077

BREATHALYZER BODY

1. INTENT

- 1.1 It is the intent of these specifications to describe a nominal 16 ft. x 8.5 ft. specialty body suitable for use in the Winnipeg Police Service as a mobile breathalyzer unit including other equipment as described herein. The breathalyzer body shall be installed on a Class 5 regular cab and chassis vehicle to be supplied by the Contractor (see Detailed Specifications 17078 attached).
- 1.2 The breathalyzer body shall be the manufacturer's latest model, as may be modified by these specifications. The breathalyzer vehicle, including all auxiliary equipment, shall be furnished complete and ready for use. All parts not specifically mentioned but which are required for the complete unit shall conform in strength, quality of material and workmanship, to the best standards and engineering practice in the industry.
- 1.3 It will be the responsibility of the Bidder to inform the City of any errors or omissions in these specifications, for under this Contract, the Contractor shall be held responsible to ensure that the manufacturer will be responsible for the design, performance, reliability and satisfactory operational function of the unit.
- 1.4 The ratings specified herein merely state the minimum values acceptable to the City, not implying that those values are sufficient for the design of the particular equipment being bid.

2. OTHER SPECIFICATIONS AND STANDARDS

- 2.1 All applicable SAE Standards form an integral part of the chassis specifications and shall have precedence in any conflict concerning minimum acceptable standards.
- 2.2 The completed breathalyzer vehicle shall comply with the Canadian Motor Vehicle Safety Standard (CMVSS) and the Manitoba Highway Traffic Act and all regulations thereunder.
- 2.3 All welding and welding designs of the load supporting elements shall conform to the requirements of the Canadian Standards Association Standard (CSA) W47.1-03 and W59-03.
- 2.4 The completed vehicle shall be complete with a National Safety Mark, NSM.
- 2.4.1 **State NSM Number:** _____

3. QUALIFICATIONS OF MANUFACTURER

- 3.1 The manufacturer of the breathalyzer body shall have a minimum of five (5) years continuous experience manufacturing and installing emergency services bodies and equipment of the type being offered. The manufacturer shall have in effect a complete and documented quality control program ensuring the compliance with all applicable standards.

4. QUALIFICATIONS OF THE BIDDER

- 4.1 The Bidder shall be a manufacturer or authorized distributor/supplier of customized van bodies and specialty equipment bodies.
- 4.2 For the purposes of Warranty repairs, the Bidder shall have an authorized service facility located within 10 km of the boundaries of the City of Winnipeg. The facility, or major portion thereof, shall

be dedicated to the installation, service, and maintenance of customized van bodies and equipment being offered.

- 4.3 Further to B11, Bidders shall provide a description of the facility including, but not limited to, number of qualified staff, years of service experience on specialty bodies, and general service capabilities within three (3) Business Days upon request of the Contract Administrator.

5. INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

- 5.1 All items in these specifications must be answered indicating compliance or non-compliance. **Bidders shall, state “yes” for compliance or state deviation**, or give a reply where requested to do so. Deviations shall be clearly stated and fully detailed. Alternatives shall be considered subject to evaluation.

- 5.2 Each Bidder is required to fill in every blank. **Failure to do so may be used as a basis for rejection of bid.**

6. MAKE AND MODEL

- 6.1 **State** make and model of breathalyzer body being bid: _____

7. CAB AND CHASSIS

- 7.1 The cab and chassis shall be a new, 2017 or 2018 regular cab and chassis complying with Detailed Specifications 17078 in accordance with the instructions given.

8. BODY DIMENSIONS

- 8.1 Body length, interior (measured to front wall) – 186 in. approx., **state** length. _____

- 8.2 Body height, interior – 78 in. approx., **state** height. _____

- 8.3 Floor height – 34 in. approx., **state** height. _____

- 8.4 Overall height – **state**. _____

- 8.5 Body width, exterior – 100 in. approx., **state**. _____

9. VAN BODY, EXTERIOR

- 9.1 Exterior sidewall material – fiberglass composite or equivalent, **state** material. _____

- 9.2 Roof material – one-piece pre moulded fiberglass roof. _____

- 9.3 Body frame – welded tubular steel cage. _____

- 9.4 Floor frame – welded steel floor frame and mounting plates c/w heavy duty cross members. _____

- 9.5 Wheel wells – shall include stainless steel wheel liners. _____

- 9.6 Drive shaft guards – required. _____

- 9.7 Frame and body frame to be primed with a suitable rust inhibitor primer. _____

- 9.8 Underbody to be foam sealed and undercoated. _____

- 9.9 Insulation – 1 in. polystyrene foam board insulation or two-part expanding foam. **State** insulating material being bid. _____
- 9.10 Rear bumper – full width, heavy duty steel construction bumper, powder coated. _____
- 9.11 Diesel generator with compartment – 6000 Watt diesel generator mounted on a slide-out tray on the driver's side of the body. Compartment door to be louvered, vertically hinged and lockable. Fuel for the generator shall be supplied from truck fuel tank. _____
- 9.11.1 Vertical door shall have a rigid type door spring. _____
- 9.11.2 Door hinges and latches – stainless steel with adjustable striker plates. _____
- 9.11.3 Compartment door handle – Tri-Mark or Eberhard stainless steel paddle type with lock, four (4) sets of keys. _____
- 9.12 Exterior storage compartment – located at rear-passenger side, 4'H x 36"W x 18"D approx. c/w a roll-up door. _____
- 9.13 Entrance door – heavy duty bi-fold entry bus style doors, 30 in. opening, located at the front curb side of the body c/w tinted, thermo pane windows. _____
- 9.14 All compartment door openings shall be sealed using automotive, bulb type, rubber gaskets. _____
- 10. INTERIOR EQUIPMENT**
- 10.1 Interior height – 80 in. approx., **state** height. _____
- 10.2 Interior floor to be flat floor style, i.e., designed without wheel wells. _____
- 10.3 Interior floor material – smooth black rubber floor, Amtico tile or equivalent, **state** floor material, thickness and floor covering material. _____
- 10.4 Bulkhead – required with sliding door with latch. Top section of door to include a Lexan window, 20"W x 18"H approx.. _____
- 10.5 Ceiling and side wall material – white, moisture and impact resistant fibreglass reinforced plastic panels, "Kemlite" material or equivalent, **state** material. _____
- 10.6 For the purpose of this specification:

L – Length, along or parallel to chassis frame rails.
H – Height or vertical.
D – Depth on horizontal plane across chassis.

Driver Side, Front to Back
- 10.7 Workstation – 100"L x 24"D approx., 30 in. working height, top surface to be a laminate type material. _____
- 10.8 Swivel chair – located under workstation, left of the generator compartment in approx. 32 in. space. Chair to be pedestal mount facing towards workstation surface, padded vinyl chair, low back. _____

- 10.9 3-drawer set – located on left side of work station, three (3) equal height, pull-out drawers between bottom of workstation and floor, 15 in. width approx. _____
- 10.10 Overhead cupboards – 3-section cupboards, full width of workstation, top hinged, 16"H x 12"D approx. _____
- 10.11 Drawers and cupboards to securely close while in transport, suitable for a mobile application. _____
- 10.12 Holding cell – fully enclosed at rear driver's side corner of body, 36"W x 30"D approx., c/w bench with storage capacity under seat, vinyl padded material. Area to include a hinged, lockable door and a floor drain. _____
- 10.12.1 Door window – approx. 24"H x 16"W Lexan window. _____
- 10.12.2 Sliding window – approx. 24"H x 16"W Lexan window, facing front, able to slide upwards half way, actuation from the exterior of the holding cell c/w lockable slide. _____

Curb Side, Front to Back

- 10.13 Entrance area – enclosed entrance area with three (3) steps, 36 in. width, c/w safety grip material on steps and grab rail located in an ergonomic location. _____
- 10.14 Jump seat – facing laterally across the vehicle, padded high back with a vinyl seat covering, seat c/w a fully retractable seat belt. _____
- 10.15 Table – 24" x 30" approx., 28 in. working height, top surface to be a laminate type material. _____
- 10.16 Window – Thermo pane window, tinted, located above table in side wall, 18"H x 28"W approx. _____
- 10.17 Swivel seat – able to swivel towards the table and laterally across the vehicle, padded high back with vinyl seat covering, seat c/w a fully retractable seat belt. _____
- 10.18 Closet – required for coats and duty bags. Approx. 36 in. width, located over top of exterior compartment, c/w a roll-up door and coat hooks, one (1) on each side, two (2) evenly spaced on back wall. _____

Rear Interior

- 10.19 Dry erase board – approx. 36" x 24" white board or larger, maximizing space between passenger side closet and holding cell. _____

11. ELECTRICAL & LIGHTING

- 11.1 All vehicle lighting shall conform to C.M.V.S.S. (latest revision) and Manitoba Highway Traffic Act requirements. _____
- 11.2 Supplier installed lighting shall be LED Truck-Lite (except where otherwise noted) and shall include the following components:
- 11.3 Combination stop/turn/tail lights – P/N 44302R, one (1) per side with P/N 40700 mounting grommets, flush or recess mounted in rear of body. _____

- 11.3.1 High mounted brake light – LED. _____
- 11.4 Turn signal flash rate – 70-90 flashes per minute. _____
- 11.5 Back-up lights – P/N 44206C, one (1) per side with 40700 mounting grommets. _____
- 11.6 3-light cluster – three (3) P/N 10250R with P/N 10700 mounting grommets or P/N 33250R. _____
- 11.7 Clearance lights – P/N 10250R and 10250Y with P/N 10700 mounting grommets or P/N 33250R/Y. _____
- 11.8 Licence plate lamp – P/N 36140, c/w P/N 36710 license plate bracket, right side mounted. _____
- 11.9 Lighting harnesses – Truck-Lite 50 Series Harness system, properly routed and secured, protected from damage. _____
- 11.9.1 All harnesses shall be internally grounded, no exceptions. _____
- 11.10 Junction box – P/N 50400, complete with necessary compression fittings, required for all vehicle lighting harness connections, located inside rear of truck frame, protected from road debris including all harness connections. _____
- 11.11 All plug in connectors shall be coated with Truck-Lite NYK Compound prior to assembly. _____
- 11.12 Antennas – three (3) roof mounted antennas, City of Winnipeg supplied, to be installed by Contractor on vehicle roof. Access ports for servicing antennas. Additional metal required for antenna ground planes. Exact locations to be discussed at pre-production meeting. _____
- 11.12.1 Cat6 wiring – Contractor to supply and install Cat6 Ethernet Network cable from workstation to cab area. Additional lengths are required, coiled in cab area. _____
- 11.13 Light bar – one (1), Whelen Legacy Series 54 in. light bar, City of Winnipeg supplied, to be installed by Contractor on cab roof. _____
- Note: Antennas and Light Bar are the only City of Winnipeg supplied equipment.
- 11.14 Warning lights, body mounted – three (3) Whelen C9LB and three (3) C9LR lights, with chrome flanges, alternating flash patterns, mounted as follows:
- i) Side facing, driver’s side – one red, one blue. _____
 - ii) Rear facing – one red, one blue. _____
 - iii) Side facing, passenger side – one red, one blue. _____
- 11.15 Warning lights, grille mounted – two (2) Whelen ION T red, and two (2) Whelen ION Series blue, front facing in truck grille. _____
- 11.16 Light bar and warning lights shall be wired “hot” (i.e., able to use without the key on), wired through a single, chassis manufacturer’s OEM dash mounted switch, labelled “Light Bar” with a permanent type label. _____

- 11.17 Traffic Advisor, rear facing – one (1) Whelen TANF85AA, centre mounted at rear of body protected from accidental damage. _____
- 11.17.1 Controller – in-cab mounted in an ergonomic location, wired “hot”. _____
- 11.18 Siren package – required with speaker, including one full function hands free siren, one (1) Whelen SA315 series speaker, and speaker bracket. _____
- 11.19 Scene lights/flood lights – two (2) Whelen 900 Series or equivalent, flush mounted, one per side. _____
- 11.20 Interior lights – six (6) Truck-Lite 80250C or equivalent LED lights, three (3) mounted underneath overhead cupboards (driver’s side workstation), two (2) centre mounted (front and rear of body), and one (1) mounted over passenger side table. Switch location(s) to be determined at pre-production meeting. _____
- 11.20.1 Holding cell light – one (1) Truck-Lite 80164C or equivalent LED light. _____
- 11.21 All switches and warning lights shall be identified with permanent engraved type labels or chassis manufacturer’s OEM labels. No labels allowed on upper surface of dash. _____
- 11.22 Generator – 6.0 Onan quiet diesel generator including generator box and door, provisions required for serviceability. _____
- 11.23 Automatic charging relay – required. _____
- 11.24 Body load disconnect switch – required. _____
- 11.25 Electrical package – basic 110V, 50-Amp including 110V inlet, 30 ft. shore power cord c/w auto eject, 50-Amp electrical box, 50-Amp main breaker and 50-Amp transfer switch. _____
- 11.26 Converter – 110V to 12V, 60 Amp with charger. _____
- 11.27 Deep cycle batteries – two (2) Group 31 extreme duty batteries with volt meter, securely mounted to a stainless steel battery tray with hold-down clamps. _____
- 11.27.1 Battery compartment – vented to the outside of the compartment, batteries to be accessible on a stainless steel battery tray with slides. _____
- 11.28 Duplex receptacles, interior – four (4) required, three evenly spaced on side wall above workstation, one mounted in side wall above passenger side table. The receptacles shall be GFI, CSA approved. _____
- 11.29 Duplex receptacle, exterior – one (1) required mounted near rear of body, passenger’s side. The receptacle shall be GFI, CSA approved, weatherproof type, with a hinged cover. _____
- 11.30 Roof mounted power vent – ceiling mounted above holding cell, 3-speed fan, reversible airflow with controls located outside of holding cell. _____
- 11.31 All wiring installed by body manufacturer/installer (including accessories, work lights, etc.) shall be colour coded, loomed, properly secured and protected from damage. _____

11.32 All electrical connectors shall be crimped & soldered, then sealed with heat shrink tubing. _____

11.33 All joining of wires shall be soldered and sealed using heat shrink tubing (crimp-on electrical connectors for joining wires are not acceptable). _____

11.34 Any holes required to run wires through body, cab, steel sections, etc. shall be drilled (not punched), grommets and sealed. _____

12. INSTALLATION

12.1 The Contractor shall install the breathalyzer body onto the chassis specified in Detailed Specifications 17078. _____

12.2 Mounting of the body shall be in accordance with the chassis manufacturer's guidelines for body mounting including, but not limited to, guidelines for tire and suspension clearance. _____

12.3 Welding to truck chassis frame is not permitted. _____

12.4 Mounting brackets shall be bolted to chassis frame using Grade-8 fasteners. _____

12.5 Any holes required in chassis frame web must be drilled and reamed to fit bolts. _____

12.6 All non-continuous body seams (joints) shall be caulked with an automotive grade elastomeric sealant. _____

12.7 Departure angle of completed unit – 18° approx. **State** angle. _____

12.8 Overall height decal – engraved type, installed in chassis cab. _____

12.9 Isolators – all interfaces between aluminium and steel are to be separated by $\frac{1}{16}$ in. thick rubber or neoprene sheet to prevent galvanic corrosion. Bolts used on aluminium or between aluminium and steel shall be bolted through with stainless steel bolts and non-conductive bushings. _____

13. MISCELLANEOUS

13.1 Interior heater – Espar heating system as recommended from body manufacturer for extreme cold climate. Two (2) additional electric base board heaters are also required. **State** details of heating package being bid including makes and models of heaters. _____

13.2 Roof mounted Air Conditioner – 13,500 BTU, ducted with remote thermostat. **State** make and model being bid. _____

13.3 Carbon monoxide monitor – required. _____

13.4 Escape hatch – roof mounted, **state** dimensions and actuation details. _____

14. COLOUR AND FINISH

- 14.1 Van body – colour impregnated Gel-coat to match chassis cab colour. _____
- 14.2 Floor, underside – steel and aluminium sections of deck, sub-frame and under body shall be undercoated with an asphalt and rubber based material, Proform or equivalent, applied as per manufacturer's recommendations. _____
- 14.3 Aluminum or stainless steel components, unfinished. _____

15. TECHNICAL DOCUMENTS AND MANUALS

- 15.1 Bidders shall provide the following, within three (3) Business Days upon request of the Contract Administrator:
- 15.1.1 Two (2) sets of three (3) view drawings showing complete unit including chassis, body and interior views. _____
- 15.1.2 Estimated front and rear axle weights of the complete unit (chassis, body, etc. including full fuel and two operators). _____
- 15.1.3 Service facility description. _____
- 15.1.4 Body to frame mounting plans. _____
- 15.2 Prior to final inspection the Contractor shall provide the following;
- a) Weigh scale ticket of the completed unit, fully fuelled, including two (2) operators. _____
 - b) Operator's manuals for cab & chassis and Onan generator – two (2) sets required. _____
 - c) Parts and maintenance manuals – two (2) sets required with the following comprising a set:
 - i) Maintenance manual. _____
 - ii) Unit parts book. _____
 - iii) Electric wiring diagram (as built) of the completed unit. _____

NOTE: The manuals supplied with this Contract must be in English and shall be specifically for the unit supplied. General purpose manuals are not acceptable. Contract will not be considered complete until these sets of manuals have been delivered. Manuals must be supplied at the time the unit is delivered. CD format preferred.

- 15.3 Bidder shall provide information on any manuals that are available in an electronic format.

16. DELIVERY

- 16.1 The completed unit shall be serviced, ready for operation and delivered F.O.B with the freight prepaid to the City of Winnipeg, Winnipeg Fleet

Management Agency, 185 Tecumseh Street, Winnipeg, Manitoba within **forty (40) calendar weeks** from the date of award. The Contractor shall contact the Contract Administrator prior to delivery of the equipment. Equipment shall be delivered within 8:00 am and 3:00 pm on Business Days.

16.2 A pre-delivery inspection shall be performed by the Contractor on all equipment.

17. PERFORMANCE RELIABILITY

17.1 The responsibility for the design of the complete breathalyzer vehicle, its performance, and reliability shall rest upon the Contractor.

17.2 The term “*repeated failures*” as used herein is defined to mean that the same component, subassembly, or assembly develops repeated defects, breakdowns and/or malfunctions rendering the vehicle inoperative, or requiring repeated shop correction, service, and/or replacement during the Warranty period applicable for said component, subassembly, or assembly. Minor items or ordinary service adjustments are not included, or considered under the scope of “repeated failures”, as well as other factors, such as operational damage due to accidents, misuse or lack of proper maintenance, service and lubrication attention by not following the manufacturer’s preventative maintenance schedules.

17.2.1 Where the vehicle develops “repeated failures” in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance.

18. WARRANTY

18.1 The warranty on the cab & chassis is listed in Detailed Specifications 17078.

18.2 Onan generator – 100% replacement parts and labour for the complete unit (wear components and consumables excluded) for a period of two (2) years.

18.3 Body – the Contractor shall warrant all equipment and all parts thereof against any defects in workmanship, construction and materials, and agrees to repair or replace without cost to the City any article that has become defective and not proven to have been caused by negligence on the part of the user within **two (2) years** from the date the equipment is placed into service by the City of Winnipeg.

18.4 Provide details on any extended Warranty coverage available.

18.5 A new one (1) year Warranty period shall be provided for any component, subassembly or assembly that is repaired or replaced under the terms of the “repeated failures” clause (Section 17. Performance Reliability). The new Warranty period shall be effective from the date of acceptance of the repaired or replaced article.

18.6 All Warranty items brought to the attention of the Contractor by the

City shall be addressed within forty eight (48) hours. The City reserves the right to effect Warranty repairs to the vehicle, at full cost to the Contractor, should the Contractor fail to commence repairs within forty eight (48) hours.

FORM N: DETAILED SPECIFICATIONS 17078

19,500 lbs. GVWR REGULAR CAB AND CHASSIS

1. TYPE

1.1 Shall be a Model Year 2018, 19,500 lbs. GVWR, Regular Cab & Chassis suitable for use as a Breathalyzer Unit. The cab & chassis shall be furnished complete and ready for use with all features and equipment as described herein.

1.2 **STATE YEAR, MAKE AND MODEL BEING BID:** _____

2. OTHER SPECIFICATIONS AND STANDARDS

2.1 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.

Society of Automotive Engineers, SAE:
http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers

2.2 The completed unit and all its components shall comply with all C.M.V.S.S. and Manitoba Highway Traffic Act regulations and requirements including, but not limited to, a Manitoba Government Inspection with Safety Sticker on the driver's side window.

3. SERVICE FACILITY

3.1 For the purpose of warranty repairs, the manufacturer shall have an authorized service facility located within 10 km of the boundaries of the City of Winnipeg. The facility, or a portion thereof, shall be dedicated to the service and maintenance of the type equipment 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.

4. INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

4.1 All items in these specifications must be answered indicating compliance or non-compliance. **Bidders shall state "yes" for compliance or state deviation**, or give reply where requested to do so. Deviations shall be clearly stated and fully detailed. Alternatives will be considered subject to evaluation.

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

ITEM 5.	SPECIFICATION	BIDDER TO STATE "YES" OR STATE DEVIATION
5.1	GVWR	19,500 lbs., state _____
5.2	GAWR, front	7,000 lbs. approx., state _____
5.3	GAWR, rear	13,000 lbs. approx., state _____
5.4	Cab configuration	Regular cab _____
5.5	Wheelbase	193 in. approx., state _____
5.6	CA	108 in. nominal _____
5.7	Engine	6.0 L class diesel, state displacement _____

5.8	Engine cooling	Maximum factory cooling package	_____
5.9	Coolant	Extended Life Coolant, -37°C (-35°F)	_____
5.10	Block heater	Required, submersible coolant type, with cord through grille	_____
5.11	Alternator	350 Amp	_____
5.12	Battery	Dual (750 CCA x 2) capacity	_____
5.13	Transmission	Automatic	_____
5.14	Transmission cooling	Maximum factory cooling package	_____
5.15	Rear axle	Limited slip or locking type	_____
5.16	Rear axle ratio	4.88 approx., state ratio	_____
5.17	Shock absorbers	Standard, front and rear	_____
5.18	Tires	Standard size to match GVWR, maximum traction tires, 225/70Rx19.5 approx.	_____
5.18.1	Front	G-rated, traction tread radials, state make, model and size	_____
5.18.2	Rear	G-rated, traction tread radials, state make, model and size	_____
5.19	Wheels	Aluminum rims with wheel nut indicators installed on every second wheel nut, front and rear	_____
5.20	Mudflaps	Required front mounted, OEM, moulded	_____
5.21	Brakes	Power with ABS	_____
5.22	Steering	Power	_____
5.23	Cab steps	Custom made running boards extending entire length of underside of doors, each side. Constructed of AGS 6061 alum grip strut, 9-1/2" x 2" x .08", c/w 1/8" alum checkerplate as an inside kick plate. Support brackets shall consist of 1 1/2" x 1 1/2" x 1/8" RC alum square tubing with 1/4" alum support plates.	_____
5.23.1	Cab steps, mounting	Cab steps shall be mounted using the existing holes in the body with 3/8-16 nut inserts to secure the mounting brackets to the body.	_____
5.23.2	Isolators	All interfaces between alum. and steel shall be separated by 1/16" rubber or neoprene sheet and shall be bolted through with stainless steel bolts and non-conductive bushings	_____
5.24	Seats, front	Cloth high back captain's chairs buckets, power adjustable with armrests and centre console	_____
5.25	Floor covering	Rubber matting throughout with throw-in, winter type rubber floor mats	_____
5.26	Air conditioning	Required	_____
5.27	Tilt steering	Required	_____
5.28	Cruise control	Required	_____
5.29	Door locks	Power	_____
5.30	Remote keyless entry	Two (2) required	_____

5.31	Auxiliary switches	Six (6) dash mounted switches	_____
5.32	Ignition keys	Four (4) keys required	_____
5.33	Windows	Power	_____
5.34	Air bags	Required, front driver's and passenger	_____
5.35	Windshield	Tinted	_____
5.36	Windshield wipers	Intermittent	_____
5.36.1	Wiper blades	Winter blades with heavy duty rubber boot or Reflex style	_____
5.37	Mirror, interior	Rearview, windshield mounted	_____
5.38	Mirrors, exterior	Electric power mirrors, dual exterior, black polycarbonate, 5" x 8" approx., manually folding and telescoping, integrated turn signal indicators	_____
5.39	Cab interior lights	Interior dome with door switches	_____
5.40	Flasher circuit	Suitable for installation of LED style body lighting	_____
5.41	Radio	Factory installed AM/FM with CD or aux. IN and USB port	_____
5.42	12-Volt power point	Required	_____
5.43	120-Volt Outlet	Required, front seat area duplex.	_____
5.44	Bluetooth® technology	Required for use with cellular phones, "hands-free" capable, voice command activated through vehicle's radio circuit	_____
5.45	Rear view camera	Required with in-cab, approx. 8" display screen, state make and model being bid	_____
5.46	Back-up alarm	Required, STAR 99901 or OEM back-up alarm, 97 dB(A) rating, installed at rear of body, located to be protected from damage	_____
5.47	Colour:		
	- Exterior	Bright white	_____
	- Interior	Blue or grey	_____
5.48	Fuel tank	150 L capacity approx., fully fuelled upon delivery	_____
5.49	Bumper, front	Chrome	_____
5.50	License plate bracket	Required, front bumper mounted w/license plate mounting hardware	_____
5.51	Tow hooks	Two (2) front tow hooks attached to frame	_____
5.52	Flare kit	Three triangular reflectors, CVSA approved, Truck-Lite 798 or equal	_____
5.53	Fire extinguisher	5 lbs. short, ABC type, shipped loose	_____
5.54	First aid kit	Required, Manitoba Provincial approved kit, P36, supplied loose	_____
5.55	Operator's manual	Required, one (1) per vehicle	_____
Warranty			
5.56	Basic vehicle	Three (3) years or 60 000 km	_____

5.56.1	Batteries	Three (3) years or 60 000 km	_____
5.56.2	Drivetrain	Three (3) years or 60 000 km	_____
5.56.3	Cab structure	Three (3) years or 60 000 km	_____
5.56.4	Cab corrosion	Five (5) years, unlimited km/miles	_____
5.56.5	Frame & crossmembers	Three (3) years or 60 000 km	_____
5.56.6	Cab paint	Three (3) years or 60 000 km	_____
5.56.7	Engine	Five (5) years or 100 000 km	_____
5.56.8	Towing coverage	Three (3) years or 60 000 km	_____
5.56.9	Transmission	Five (5) years or 100 000 km	_____
5.56.10	Axles, front & rear	Five (5) years or 100 000 km	_____
5.56.11	Exhaust system	Three (3) years or 60 000 km	_____
5.57	Manuals	Parts, repair and technical service manuals including preventative maintenance schedules for life of unit, CD or online format preferred	_____
5.58	Delivery point	Vehicles shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including invoice and N.I.V.S. to the WFMA 185 Tecumseh Street, Winnipeg MB	_____
5.59	Delivery time	Within 40-calendar weeks from the date of award of contract. Equipment shall be delivered within 8:00 am and 2:00 pm on Business Days	_____
5.60	Delivery contact	The Contractor shall contact the Contract Administrator prior to delivery of the equipment	_____
5.61	PDI	A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list	_____