

FORM A: BID
(See B8)

1. Contract Title SUPPLY & DELIVERY OF A SPECIALIZED UTILITY 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

(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 A SPECIALIZED UTILITY VEHICLE

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Utility Vehicle Diesel with Cab	14014	Each	2	

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 14014

1.0 **DESCRIPTION OF EQUIPMENT**

- 1.1 These specifications describe a **Specialized Utility Vehicle** and other equipment and features as specified herein.
- 1.2 The **Specialized Utility Vehicle** shall be a new 2014 model year or newer.
- 1.3 The **Specialized Utility Vehicle** and all other items/components shall be the manufacturer's latest model. The equipment shall be furnished complete and ready for operation. Any parts or accessories not specifically mentioned, but which are required to complete and place the equipment and associated attachments in successful operation shall be furnished as though specifically mentioned in these specifications. The equipment and associated attachments, and all parts thereof, shall conform in strength and quality of material and workmanship, to the best standards and engineering practice of the industry.
- 1.4 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 for the satisfactory operational function of the equipment.

2.0 **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.
- 2.2 The **Specialized Utility Vehicle** shall comply with the applicable regulations:

Manitoba Safety and Health Act, Parts 12, 22 =

<http://web2.gov.mb.ca/laws/statutes/ccsm/w210e.php> and <http://www.gov.mb.ca/labour/safety/>

Canadian Standards Association, CSA = <http://www.csa.ca/about/Default.asp?language=english>

Under Writers of Canada, U/L = <http://www.ulc.ca/>

Society of Automotive Engineers, SAE = <http://www.sae.org/>

City of Winnipeg Lighting Visibility Standard=

<http://winnipeg.ca/matmgt/pdfs/PublicWorksEquipLightingVisibility.pdf>

- 2.3 It will be the responsibility of the Bidder to inform the City of any deficiencies in these specifications, for under this Contract the Contractor shall be held responsible for the design, performance, reliability and satisfactory operational function of the units.

3.0 **SERVICE FACILITY**

- 3.1 For the purpose 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 a portion thereof, shall be dedicated to the service and maintenance of the type equipment being offered. 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.

4.0 REFERENCES

- 4.1 Provide five (5) Canadian references where this equipment is used in a working environment where climatic conditions are similar to the City of Winnipeg.

5.0 MAKE & MODEL

- 5.1 **State** make and model of the equipment bid- _____

6.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

- 6.1 Each bid will be evaluated based on adherence to all terms, conditions and requirements outlined in the Bid Opportunity package.

- 6.2 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.

- 6.3 **EACH BIDDER IS REQUIRED TO FILL IN EVERY BLANK. FAILURE TO DO SO MAY BE USED AS A BASIS FOR REJECTION OF BID**

7.0 PERFORMANCE RELIABILITY

- 7.1 The responsibility for the design of the **Specialized Utility Vehicle**, its performance and reliability shall rest upon the Contractor.

- 7.2 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 schedule.

- 7.3 Where the **Specialized Utility 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.

- 7.4 The equipment shall be capable of consistent top performance in City of Winnipeg Environment. Note: The City of Winnipeg has four seasons with ambient temperatures ranging from approximately 90°F (32°C) to -40°F (-40°C)

8.0 FUEL

- 8.1 Where applicable, all equipment must be fully fuelled upon delivery (no exceptions).

9.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR

- 9.1 The manufacturer of the **Specialized Utility Vehicle** shall have five (5) years continuous experience manufacturing Specialized Utility Vehicles and associated.
- 9.2 The manufacturer shall have in effect a documented quality control program ensuring that the quality of materials and workmanship, including welding, conforms to the best standards and engineering practice of the industry.
- 9.3 The Contractor shall have five (5) years continuous experience servicing, repairing and maintaining **Specialized Utility Vehicle** of the type being offered.

10.0 SPECIFICATIONS- ELIGIBLE MODEL – BOBCAT TOOL CAT 5600 OR EQUIVALENT IN ACCORDANCE TO B6. SUBSTITUTES.

- 10.1 Machine includes two forward facing seats – operator and passenger _____
- 10.2 Machine to include a front loader (i.e. lift arm with double acting hydraulic cylinders). Loader Rated Operating Capacity of 1500 lbs. Loader functions controlled by a single pilot-operated hydraulic joystick. Lift-arm “float” feature must be provided and activated by the hydraulic joystick. Loader arm and all attachments must meet all applicable SAE safety standards. _____
- 10.3 Front loader is capable of accepting quick-attach attachments _____
- 10.4 Rear of machine must have a cargo box. Cargo box load capacity of 2000 lbs. Hydraulic dump provided by two hydraulic cylinders, and activated by a cab mounted control. An approved cargo box support device is required on the machine to mechanically support the box if raised for service work. Box sides are bolt-on and can be removed to make a flat-bed. A tailgate is provided which includes a quick-latch system, and is capable of supporting at least 300 lbs. of load in the open position. Stake pockets must be provided on the sides and front of the cargo box. Cargo box must meet all applicable SAE safety standards. _____
- 10.5 Engine will be a diesel rated at 60-65 hp Cold engine starting will be aided by glow plugs. Control of the glow plugs will be automatic based on engine temperature. _____
- 10.6 Full-time four wheel drive system _____
- 10.7 Limited slip differentials for both axles _____
- 10.8 Hydrostatic transmission _____
- 10.9 Machine equipped with separate controls for engine speed and travel speed _____
- 10.10 Drive speed controlled by a single pedal _____
- 10.11 Hand Lever engine RPM control _____
- 10.12 Park Brake required, **state type-** _____
- 10.13 A neutral start feature must be provided which requires machine be in the “Park” position (parking brake applied) before engine can be started _____
- 10.14 Two travel speed ranges required (“Low” and “High”) _____

- 10.15 Must provide the ability to shift between travel speed ranges while moving (on-the-fly) _____
- 10.16 Low range travel speed infinitely variable from 0 to 9 mph _____
- 10.17 High range travel speed infinitely variable from 0 to 18 mph _____
- 10.18 Reverse travel speed limited to 9 mph _____
- 10.19 Speedometer provided to monitor ground speed _____
- 10.20 Cruise control required _____
- 10.21 Crab Steering required _____
- 10.22 The turning radius diameter shall be approx.17 feet (The diameter of the circle made by the outside tires in a full turn) _____
- 10.23 Steering to be activated by hydraulic power steering and controlled by a steering wheel with tilt adjustment _____
- 10.24 **State** suspension system type- _____
- 10.25 Cab shall have front and rear cab windows provided, and made from tempered safety glass. Cab shall have dual-arm front windshield wipers provided with a windshield washer system. A 12 volt power outlet is required for accessories provided in the cab. Interior dome light, two cup / beverage holders, heating, ventilation, and air conditioning (HVAC). Cab enclosure will consist of two steel frame doors with locking handles. A seat hip restraint must be provided for the passenger. Four halogen work lights provided on the front which can be positioned independently of each other. Cab structure must be a 4-post design which is ROPS and FOPS approved per SAE and ISO standards. Retractable seat belts must be provided for the operator and passenger, and incorporate a 3-point design which includes a shoulder restraint per SAE J2292. Shall have a AM/FM radio/CD player _____
- 10.26 Gauges-engine temperature and fuel level. Gauges are to be back-lit when the front lights are on. Digital display required display all of the following: Travel Speed (in both mph and km/h), Engine RPM, Engine Hours, and Job Hours (resettable). Display to be back-lit when front lights are on.. Warning lights provided to indicate all of the following: Low engine oil pressure, Low fuel level, Low battery voltage, High hydraulic temperature, and High engine temperature. An engine and hydraulic systems monitor will be provided to monitor vital machine conditions. The engine will automatically shut-down in the event vital conditions exceed acceptable limits. The engine needs the ability to restart in 30 second intervals to move the machine after shut-down occurs. _____
- 10.27 Service diagnostic capabilities - the systems monitor will also display a code when warning conditions are encountered, and store these codes for later access. _____
- 10.28 Braking load must be shared by all wheels _____
- 10.29 The machine must automatically bring itself to a stop when the drive pedal is Released _____
- 10.30 Parking brakes will be equipped in each axle, engaged by mechanical spring force, and released by hydraulic pressure _____
- 10.31 Drive controls must automatically deactivate when the parking brake is applied _____

- 10.32 The parking brake must engage automatically when the engine is not running _____
- 10.33 Attachments must be front mounted. Connections for all attachments must be Quick attach compatible, and meet SAE J2513 for coupling of attachments _____
- 10.34 Activation of quick-hitch provided by two over-center locking levers with wear _____
- 10.35 Hydraulic connections supplied via hydraulic quick-couplers with a flush-face Design _____
- 10.36 Hydraulic supply to attachments must have "high flow" approx. of 25-30 gpm _____
- 10.37 Hydraulic pressure release system must be provided to relieve residual pressure trapped in the attachment hydraulics for safe attachment changes _____
- 10.38 Primary attachment hydraulics activated by switches integrated into the loader Joystick _____
- 10.39 Primary attachment hydraulics must have the ability to lock into continuous flow (detent) in both forward and reverse directions _____
- 10.40 A supplemental control system must be available to control additional attachment functions from the cab using dash-mounted switches. _____
- 10.41 A rear receiver hitch system will be provided which is capable of accepting 2-inch receiver-style hitches, and meets the "Hitch Strength Requirements". _____
- 10.42 The rear receiver hitch must be capable of withstanding 500 lbs. of tongue load _____
- 10.43 The machine must be capable of pulling and stopping tow loads of 4,000 lbs. _____
- 10.44 **Safety-** An interlock control system must be provided which automatically disables the loader lift, loader tilt, attachment hydraulics, drive controls, and engages the parking brake when the operator exits the machine. Fire extinguisher 5 lb. ABC type, securely mounted and secured, quick release. Slow moving triangle vehicle sign and bracket attached to rear of vehicle. _____
- 10.45 **Safety Lighting-** Make and Model Whelen Responder LP (RDLPAB) Amber/Blue DUO Permanent Mount (LED Mini Light bar) wired directly to the ignition, mounted on top on the cab driver's side (See Appendix A) _____
- 10.46 **Tires 2 sets:** each unit to be delivered with **turf tires installed.** Also include standard tires mounted on rims. _____
- The Standard Tire: State Size _____
- The Turf Tire: State Size _____

10.47 Attachments: The following attachments are required:

One unit to have:

- (1) 84" Front Mount Angle Broom
- (1) 72" Front Mount High flow Snow Blower
- (1) 74" Front Mount Low Pro Bucket w edge
- (1) 72" Front Mount Snow V Blade

Other unit to have:

- (1) 84" Front Mount Angle Broom
- (1) 72" Front Mount High flow Snow Blower
- (1) 74" Front Mount Low Pro Bucket w edge
- (1) 84" Front Mount Snow Blade
- (1) Auger with a 9" and 12" bit.

11.0 WARRANTY-

11.1 The warranty for the **Specialized Utility Vehicle** shall cover the complete equipment, and all parts thereof against any defects of workmanship, construction and materials, for a period of 12 months Any article that has become defective during said warranty period and has not proven to have been caused by negligence on the part of the user shall be repaired or replaced at no cost to the City. The warranty shall be effective from the date the equipment is put into service by the City of Winnipeg. Please provide complete warranty details with the bid submission

11.2 State optional extended warranty options and pricing-

12.0 TRAINING-

12.1 The Contractor shall be required to provide training (at the Contractor's expense) for the City of Winnipeg maintenance and operating personnel. The training shall be divided into two separate sessions, one for maintenance personnel and one for operating personnel. The training shall be conducted in separate or combined sessions for each group of personnel.

The duration of the sessions shall be as long as required for adequate familiarization and orientation of the equipment to the satisfaction of the Contract Administrator.

The training shall be conducted within two (2) calendar weeks from the date of delivery and shall be coordinated through the Contract Administrator.

The training shall be conducted in Winnipeg at a time and location designated by the Contract Administrator.

Pricing should be based on two (2) business days for maintenance personnel and two (2) business days for operating personnel.

Note: The first payment of the contract on the equipment will not be issued until successful completion of training has been conducted to the satisfaction of the Contract Administrator.

Training Aides:

- a) On the type of equipment being offered, **state if CD Rom training aides or on-line training are available-** _____

What is the recommended minimum training duration for: _____

Primary unit: _____
For major attachments (if applicable): _____

State what other training aids are available (videos, CDs). _____

For the primary unit: _____
For major attachments (if applicable): _____

Training Materials and applicable manuals or on-line training material information must be provided to the Operator Training Branch of at the earliest possible opportunity, no later than (4) weeks prior to delivery, when supplying vehicles, equipment and related attachments. Send these materials, preferably in both electronic format and hard copy (training videos are to be supplied on either CD or DVD) to: Equipment Operator Training Branch

960 Thomas Avenue
Winnipeg, MB
R2L 2E1

Leanne Guertin
Equipment Operator Training Consultant

Cell: 204-451-3793
Contact e-mail: lguertin@winnipeg.ca _____

13.0 DELIVERY-

- 13.1 Delivery Point- The Vehicles 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. _____

- 13.2 Delivery Time- Within **four to six (4-6) calendar weeks** from the date of official notification of award of Contract. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days. _____

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

- 13.4 P.D.I- A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list _____

14.0 MANUALS-

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

14.2 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 Equipment Operator Training Branch
- b) Parts and service manuals – one (1) complete sets including preventative maintenance schedules. CDs are preferred.
