

FORM A: BID
(See B8)

1. Contract Title SUPPLY AND 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

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. Indigenous Self-Declaration The City is requesting that Bidders identify if their business is at least 51% owned by one or more Indigenous persons of Canada.

YES, 51% or more Indigenous ownership

NO, it is not

This information is being gathered for statistical purposes only and will not be used for purposes of evaluation.

11. 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 SPECIALIZED UTILITY VEHICLE

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Utility Vehicle Diesel with Cab (60-65HP)	19001	each	1	
1a.	Option 1: Attachments	19001	each		
	68" Angle Broom,			1	_____
	72" V-Snow Blade,			1	_____
	62" 4 in1 Combination Bucket,			1	_____
	Auger with 6" and 10" Bit			1	_____

 Name of Bidder

FORM N: DETAILED SPECIFICATIONS 19001
SPECIALIZED UTILITY VEHICLE WITH CAB

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 2019 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:

National Safety Mark, NSM = <http://www.tc.gc.ca/eng/acts-regulations/acts-road.htm>

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. Further to B9.1, 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) references where this equipment is used in a working environment where climatic conditions are similar to the City of Winnipeg.

5.0 MAKE & MODEL

- 5.2 **State** make, model and year 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 and/or equivalents shall be clearly stated and fully detailed. Deviations and/or equivalents will be considered subject to evaluation. In every instance where a brand name or design specification is used, the City will also consider deviations and/or equivalents.

- 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, of 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 fueled 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 the equipment.
- 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 and associated attachments** of the type being offered.

10.0 **SPECIFICATIONS:**

10.1	Engine	Diesel rated at 60-65 HP. Cold engine starting aided by glow plugs. Emissions Tier IV Diesel Interim or Final.	_____
10.2	Machine to include a front loader	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 provided and activated by the hydraulic joystick.	_____
10.3	Operating weight	Approx. 5600lbs.	_____
10.4	Seats	Forward facing—operator and passenger.	_____
10.5	Front loader	Capable of accepting quick-attach attachments.	_____
10.6	Rear 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 to be provided on the sides and front of the cargo box.	_____
10.7	Cargo box liner	Spray in box liner.	_____
10.8	Alternator	Approx. 70 Amps, State.	_____
10.9	Battery	Heavy Duty approx. 850 CCA, State	_____
10.10	Lockable power disconnect switch	Connected to battery. Prevents low-draw accessories from draining battery in long-term storage. Switch to be lockable with a pad lock.	_____
10.11	Drivetrain	Full-time four wheel drive system.	_____
10.12	Differentials front and rear	Limited slip differentials for both axles.	_____

10.13	Hydrostatic traction control	Automatically manages torque split at each wheel. On/off switch located in cab.	_____
10.14	Transmission	Hydrostatic	_____
10.15	Engine and travel speed	Equipped with separate controls for engine speed and travel speed.	_____
10.16	Drive speed	Controlled by a single pedal.	_____
10.17	Engine RPM control	Controlled by hand lever.	_____
10.18	Neutral start feature	A neutral start feature which requires machine be in the "Park" position (parking brake applied) before engine can be started.	_____
10.19	Two travel speeds ranges	High and low ranges.	_____
10.20	Shift on-the-fly	Ability to shift between travel speed ranges while moving.	_____
10.21	Low range travel speed	Variable from 0 to 8 mph.	_____
10.22	High range travel speed	Variable from 0 to 17 mph.	_____
10.23	Reverse travel speed	Approx. 8 mph.	_____
10.24	Cruise control	For constant working speed.	_____
10.25	Crab steering	4 wheel steering.	_____
10.26	Tires, 2 sets	Each unit to be delivered with turf tires installed. Also include standard tires mounted on rims.	_____
		The Standard Duty Tire: State Size_____	_____
		The Turf Tire: State Size_____	_____
	<u>CAB</u>		_____
10.27	Windows	Front and rear windows, made from tempered safety glass.	_____
10.28	Windshield wipers	Dual-arm front windshield wipers with a windshield washer system.	_____
10.29	12 volt power outlet	For accessories provided in the cab.	_____
10.30	HVAC System	Heating, ventilation, and air conditioning.	_____
10.31	Interior lighting and cup holders	Interior dome light, two cup / beverage holders.	_____
10.32	Cab enclosure	Consists of two steel frame doors with locking handles.	_____

10.33	Work lights	Four halogen work lights on the front which can be positioned independently of each other. Two halogen work lights on the back which can be positioned independently of each other.	_____ _____
10.34	Cab structure	4-post design which is ROPS and FOPS approved per SAE and ISO standards. Retractable seat belts for the operator and passenger, and incorporate a 3-point design which includes a shoulder restraint per SAE J2292.	_____
10.35	Radio	AM/FM radio/CD player or MP3 player with Bluetooth, state .	_____
10.36	Instrument panel	Gauges-engine temperature and fuel level. Digital display required display all of the following: Travel Speed, Engine RPM, Engine Hours, and Job Hours (resettable). Display to be back-lit when front lights are on. Warning lights to indicate 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.	_____
10.37	Automatic engine shutdown	The engine automatically shuts-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.	_____
10.38	Service diagnostic capabilities	The systems monitor will also display a code when warning conditions are encountered, and store these codes for later access.	_____
10.39	Brakes loading	Shared by all wheels. The machine automatically brings itself to a stop when the drive pedal is released.	_____
10.40	Parking brake	Parking brakes equipped in each axle. Drive controls automatically deactivate when the parking brake is applied. The parking brake to engage automatically when the engine is not running.	_____
10.41	Safety	An interlock control system to 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.	_____
10.42	Fire extinguisher 2.5 lb. ABC type.	Securely mounted and secured, quick release.	_____

- | | | | |
|-------|-----------------------------------|--|-------|
| 10.43 | Slow moving triangle vehicle sign | Slow moving triangle vehicle sign and bracket attached to rear of vehicle (exact location to be determined prior to delivery). | _____ |
| 10.44 | Safety lighting | Make and Model Whelen Responder LP (RDLPPAB) Amber/Blue DUO Permanent Mount (LED Mini Light bar) mounted on top of the cab driver's side. Wired through ignition, lights shall be wired for separate amber and separate blue labelled independently "winter", "off", "summer". The winter mode will turn on both blue and amber, the summer will only turn on the amber lights | _____ |

HYDRAULICS AND TOWING

- | | | | |
|-------|-----------------------------------|---|-------|
| 10.45 | Attachments | To be front mounted. Connections for all attachments to be Quick Attach compatible, and meet SAE J2513 for coupling of attachments. | _____ |
| 10.46 | Quick hitch | Activation of quick-hitch provided by two over-center locking levers with wear. | _____ |
| 10.47 | Hydraulic connections | Supplied via hydraulic quick-couplers with a flush-face design. | _____ |
| 10.48 | Hydraulic supply | To attachments "high flow" approx. of 25-30 gpm. | _____ |
| 10.49 | Hydraulic pressure release system | To relieve residual pressure trapped in the attachment hydraulics for safe attachment changes. | _____ |
| 10.50 | Primary attachment hydraulics | Primary attachment hydraulics activated by switches integrated into the loader joystick and ability to lock into continuous flow (detent) in both forward and reverse directions. | _____ |
| 10.51 | Rear receiver hitch | A rear receiver hitch system capable of accepting a 2-inch receiver-style hitches with wiring harness for trailer (7 pin flat). | _____ |
| 10.52 | Rear remote hydraulics | Supplied via hydraulic quick-couplers with a flush-face design. | _____ |
| 10.53 | Towing capacity | Capable of withstanding 500 lbs. of tongue load and capable of pulling and stopping tow loads of 4,000 lbs. | _____ |

ATTACHMENTS

- | | | | |
|-------|---|--|--|
| 10.54 | Note: Options to be priced only as indicated on Form B: Prices. | | |
|-------|---|--|--|

10.55 **Option 1: One unit to have the following attachments**

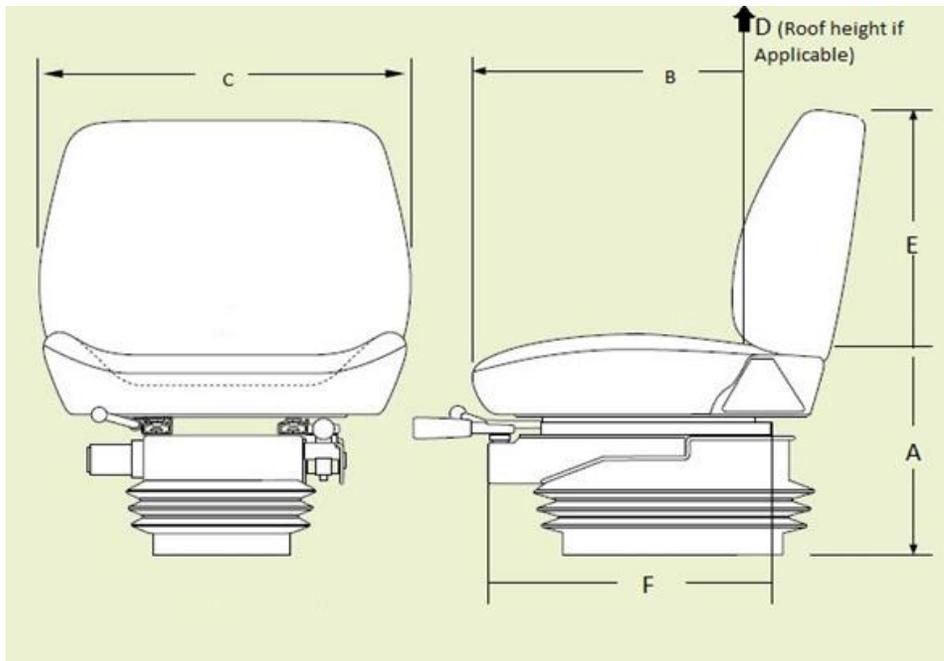
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|-------|---------------------------------------|---|-------|
| 10.56 | Rotary broom (Front mount) | Hydraulically Driven, width approx. 68", state width . With hydraulic broom angle change approx. 30° left and right of center. | _____ |
| 10.57 | Front mount V-snow blade | Width approx. 72", state width . 5-blade configurations. Reversible cutting edge. | _____ |
| 10.58 | Front mount 4 in 1 combination bucket | Approx. width 62", state width . With replaceable bolt-on cutting edges. | _____ |
| 10.59 | Front mount auger | Hydraulically driven with approx. torque range of 1300 to 2400 ft-lb. Dig depth approx. 62 inches without extensions. With 6" and 10" bits. | _____ |

11.0 **OPERATOR STATION ERGONOMICS**

Entry/ Exit

- | | | | |
|------|------------------------------|---|-------|
| 11.1 | First step entry height | State , height of first step in inches. | _____ |
| 11.2 | First handhold entry height | State , first handhold entry height in inches. | _____ |
| 11.3 | Access to equipment | State , door opening height in inches. | _____ |
| 11.4 | Access to equipment | State , door opening width in inches. | _____ |
| 11.5 | Designed to prevent slipping | Anti-slip steps/handholds (Y or N)? | _____ |

Seat (use below diagram to answer questions)



- 11.6 Sitting height range from floor (where feet rest) (A) **State**, seat height range in inches. _____
- 11.7 Seat length/depth (B) **State**, seat length/depth in inches. _____
- 11.8 Seat width (C) **State**, seat width in inches. _____
- 11.9 Cab height from seat to roof (if applicable) (D) **State**, cab height range in inches. _____
- 11.10 Back rest height (E) **State**, back rest height in inches. _____
- 11.11 Seat travel range (F) **State**, seat travel in inches. _____
- 11.12 Lumbar support Is lumbar support provided (**Y or N**)? _____
- 11.13 Head rest Is head rest provided (**Y or N**)? _____
- 11.14 Seat is made of breathable material **State**, type of seat material. _____

Operation

- 11.15 Reaching distance to usual work **State**, reaching distance in inches. _____
- 11.16 Maximum reaching distance **State**, maximum reach distance in inches. _____
- 11.17 Adjustable pedals (accelerator/brake/clutch) Are pedals adjustable (**Y or N**)? _____
- 11.18 Adjustable steering wheel Is steering wheel adjustable (**Y or N**)? _____
- 11.19 Adjustable shoulder belt Is belt adjustable and anchored (**Y or N**)? _____

11.20 **Environment**

- 11.21 Operator compartment is insulated from equipment noise (while operating) **State**, dBA inside cab while operating. _____
- 11.22 Operator insulated from equipment vibration Is operator insulated from vibration (**Y or N**)? _____
- 11.23 Heating/cooling systems **State**, cab temperature range. _____
- 11.24 Cab lighting (if applicable) **State**, lumens inside cab. _____

12.0 **WARRANTY**

- 12.1 All warranty information shall be detailed and include all exclusions. The Contractor shall provide all published warranty information upon delivery of the equipment. Bidder shall state all warranty information. _____
- 12.2 Basic coverage **State:** _____

- 12.3 Powertrain **State:** _____
- 12.4 Hydraulics warranty **State:** _____
- 12.5 Batteries warranty **State:** _____
- 12.6 Tires warranty **State:** _____
- 12.7 Electrical warranty **State:** _____

13.0 **DELIVERY**

- 13.1 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. The successful bidder shall be notified by the Contractor Administrator the delivery address prior to issuance of the purchase order _____
- 13.2 Delivery Time: **Four to six (4-6) calendar weeks** from the date of award. Equipment shall be delivered between 8:00 am and 2:00 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 or USD flash drive is preferred where available. _____
- 14.2 The following manuals shall be supplied with the units when delivered:
- a) Operator's manual – Three (3) 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 or USB flash drive are preferred. _____

15.0 **FIRST SERVICE PREVENTATIVE MAINTENANCE KIT**

- 15.1 In order to assure minimum downtime of the equipment in future service, the Contractor shall provide one (1) complete replacement set of new OEM filters for each unit purchased. The set of required filters shall include (if applicable to the equipment type) air, fuel, oil, cab and hydraulic, or otherwise all known necessary common replacement filters required for the first preventative maintenance servicing. _____
- 15.2 The Contractor shall provide a list of factory recommended lubricants to be used with the equipment, as well as a complete cross reference guide for all warranty approved lubricants and filters that can be used during preventative maintenance servicing. _____

16.0 **PARTS/LABOUR PRICING**

16.1 Bidder to provide City of Winnipeg Parts Discount % Pricing from retail parts pricing. **State percentage discount-** %_____

16.2 Bidder to provide City of Winnipeg Labor Discount % Pricing from Retail shop labor rate. **State percentage discount-** %_____