

FORM N: DETAILED SPECIFICATIONS 26002

SUPPLY AND DELIVERY OF UTILITY TASK VEHICLE

1. INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

- 1.1 All items in these specifications should be answered indicating compliance or non-compliance.
- 1.2 **Bidder shall state “yes” for compliance or state “deviation”** or give a 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 specifications is used, the City will also consider deviations and/or equivalents.
- 1.3 Lengthy explanations of deviations may be included in a separate document and must reference the appropriate Detailed Specification.
- 1.4 Each Bidder is required to fill in every blank. Failure to do so may be used as a basis for rejection of bid.
- 1.5 It will be the responsibility of the Proponent to inform the City of any errors or omissions in these Detailed 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.

2. DESCRIPTION OF EQUIPMENT

- 2.1 These specifications describe **Utility Task Vehicle** and other equipment and features as specified herein.
- 2.2 The **Utility Task Vehicle** shall be a new **2025** model year or newer.
- 2.3 The **Utility Task 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.
- 2.4 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 equipment being bid.

3. OTHER SPECIFICATIONS AND STANDARDS

- 3.1 All applicable SAE Standards form an integral part of the vehicle specifications and shall have precedence in any conflict concerning minimum acceptable standards.
- 3.2 Where applicable, the **Utility Task Vehicle** shall comply with the applicable regulations:

Standard - Specification/Regulation

Internet URL

Transport Canada, National Safety Mark, NSM:	http://www.tc.gc.ca/eng/acts-regulations/acts-road.htm
Manitoba Safety and Health Regulation, Parts 12, 16, 22:	http://web2.gov.mb.ca/laws/reg/current/217.06.pdf
Canadian Motor Vehicle Safety Standards C.M.V.S.S.:	http://laws-lois.justice.gc.ca/eng/regulations/C.R.C.,_c._1038/section-sched3.html
Manitoba Highway Traffic Act regulations and requirements including, but not limited to, a Manitoba Government Inspection with Safety Sticker:	http://web2.gov.mb.ca/laws/reg/index.php?act=h60
Canadian Standards Association CSA:	http://www.csagroup.org
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/matmgmt/pdfs/PublicWorksEquipLightingVisibility.pdf>

Manitoba Building Code:

https://web2.gov.mb.ca/laws/regs/current/_pdf-regs.php?reg=31/2011

4. Periodic Mandatory Vehicle Inspection (PMVI)

4.1 Where applicable, the completed unit shall include a current Province of Manitoba Periodic Mandatory Vehicle Inspection (PMVI) with certificate.

5. National Safety Mark (NSM)

5.1 Where applicable, the manufacturer/installer shall affix their National Safety Mark (NSM) certification sticker on each unit.

State: NSM number: _____

6. FUEL

6.1 Where applicable, the equipment shall be fully fuelled upon delivery (no exceptions).

7. REFERENCES

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

8. MAKE & MODEL

8.1 State year, make and model being bid:

Vehicle / Equipment

Make: _____

Model: _____

Model Year: _____

9. PERFORMANCE RELIABILITY

9.1 The responsibility for the design of the **Utility Task Vehicle** and its performance and reliability shall rest upon the Contractor.

9.2 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.

- 9.3 Where the **Utility Task Vehicle** develops “repeated failures” in service, the Contractor shall make any necessary engineering changes, repairs, alterations, or modifications to guarantee reliability of performance.
- 9.4 The vehicle and 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).

10. SERVICE FACILITY

- 10.1 For warranty repairs, the Bidder shall have an authorized service facility. The facility, or a portion thereof, shall be dedicated to the service and maintenance of the type of 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

11. QUALIFICATIONS OF MANUFACTURER & CONTRACTOR

- 11.1 The manufacturer of the **Utility Task Vehicle** shall have five (5) years continuous experience manufacturing **Utility Task Vehicle**.
- 11.2 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.
- 11.3 The Contractor shall have five (5) years continuous experience servicing, repairing, and maintaining **Utility Task Vehicle** of the type being offered.

12. WEIGHT DISTRIBUTION

- 12.1 Where applicable, the completed vehicle shall not exceed the City of Winnipeg’s limits gross vehicle weight, axle, and tire loads with the unit (including the chassis) fully fuelled and operational with two (2) operators and including a full payload of cut trees.

Note:

The City of Winnipeg and the Province of Manitoba limits the gross vehicle weight and axle and tire loads to

- **Front axle (steering axle) – 7300 kg (16,094 lbs.)**
- **Rear axle (single axle) – 9100 kg (20,062 lbs.)**
- **Tire load – 9 kilograms for each millimetre width of tire (approx. 500 lbs. per inch of tire width)**

13. WEIGH SCALE TICKET

- 13.1 Where applicable, 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 fully fuelled and operational including two (2) operators.

14. SPECIFICATIONS

Make, Model and Model Year

14.1 Make **State:** make: _____

14.2 Model **State:** model: _____

14.3 Model Year Model Year 2025 or newer
State: model year: _____

Engine

14.4 Engine

- Approx. 95 hp
- Approx. 70 lb- ft
- Rotax ACE (advanced combustion efficiency)
- Approx. 999 cc triple cylinder
- liquid cooled

State: hp _____
State: lb-ft _____
State: cc _____

14.5 Fuel Delivery System

- Intelligent Throttle Control (iTC) with Electronic Fuel Injection (EFI)

Transmission

14.6 Transmission

- pDrive primary
- Quick Response System X (QRS-X) CVT
- High airflow and Electronic Drive Belt Protection L/H/N/R/P

14.7 Drive Train

- Selectable Turf Mode / 2WD / 4WD
- Quick -4Lok auto-locking front differential.

State: differential _____

14.8 Driving Assistance

- CVT engine braking
- Sport / Normal/ Work Modes
- Speed limiter

14.9 Power Steering

- High Torque Tri-Mode Dynamic Power Steering (DPS)

Suspension

- 14.10 Front Suspension
- Arched double A-arm with sway bar _____
 - Approx. 12 in. (31 cm) suspension travel _____

State: suspension travel _____

- 14.11 Front Shocks
- Twin-tube gas charged shocks _____

- 14.12 Rear Suspension
- Arched double A-arm _____
 - Approx. 12 in. (31cm) suspension travel _____

State: suspension travel _____

- 14.13 Rear Shocks
- Twin Tube gas charged shocks _____

Tires & Wheels

- 14.14 Front / Rear Tires
- XPS Trail King 2.29 x 9/11 x 14in. _____

- 14.15 Wheels
- 14 in. cast aluminum _____

Brakes

- 14.16 Front
- Dual approx. 262 mm disc brakes _____
 - Hydraulic twin-piston calipers approx. 32 mm _____

State: disc brakes (mm) _____

State: calipers (mm) _____

- 14.17 Rear
- Dual approx. 262 mm disc brakes _____
 - Hydraulic single-piston calipers approx. 32mm _____

State: disc brakes (mm) _____

State: calipers (mm) _____

- 14.18 Brake Holding Mechanism
- Brake holding mechanism _____

Dimensions and Capabilities

- 14.19 Cage
- Profiled cage ROPS approved. _____

- 14.20 Estimated Dry Weight
- Approx. 1,870 lb. (848 kg) _____

State: dry weight _____

- 14.21 L x W x H
- 129.8 x 65x 81in. (330 x 165 x 208 cm) _____

State: L x W x H _____

14.22	Wheelbase	<ul style="list-style-type: none">85 in. (216 cm)	_____
		State: wheelbase _____	
14.23	Ground Clearance	<ul style="list-style-type: none">14 in. (35.6 cm)	_____
		State: ground clearance _____	
14.24	Cargo Box Dimensions	<ul style="list-style-type: none">38 x 54.5 x 12 in. (96.5 x 138.4 x 30.5 cm)	_____
		State: dimensions _____	
14.25	Cargo Box Capacity	<ul style="list-style-type: none">1000 lb (454kg)	_____
		State: capacity _____	
14.26	Tailgate Load Capacity	<ul style="list-style-type: none">250 lb (113.4 kg)	_____
		State: capacity _____	
14.27	Storage Capacity	<ul style="list-style-type: none">Weather resistant above gage glove box including protected cellphone areaUSB-A plug if vehicle is equipped with 10.25 infotainment systemWeather resistant passenger glove box with USB-C, USB-A & DC outletCubby storage and lower dash storage.Approx. 3.7 gal (14L) removable bin	_____
		State: glove box w/ cellphone area (y/n) ____	
		State: infotainment with USB-A (y/n) ____	
		State: glove box w/ USB-C, USB-A & DC outlet (y/n) _____	
		State: cubby/lower dash storage (y/n) _____	

		State: removeable bin size _____	
14.28	Towing Capacity	<ul style="list-style-type: none">Approx. 2,500 lb. (1,134 kg)	_____
		State: capacity _____	
14.29	Payload Capacity	<ul style="list-style-type: none">Approx. 1,200 lb (545kg)	_____
		State: capacity _____	
14.30	Fuel Capacity	<ul style="list-style-type: none">Approx. 11.9 gal (45L)	_____
		State: capacity _____	

14.31 Person Capacity • 3 persons _____

State: number of persons _____

Features

14.32 Gauge • Approx 5 in. wide digital display with keypad _____
• Approx 10 in. touchscreen display _____

State: gauge size _____

14.33 Battery • Approx. 400 CCA (32 amp/h) _____
• 12 V cargo outlet _____

State: cca _____

14.34 Magneto • Approx. 1700 W _____

State: magneto (W) _____

14.35 Instrumentation • USB Outlets _____
• Lighter dc outlet _____
• Cargo 12V outlet _____

State: usb outlets (y/n) _____

State: lighter dc outlet (y/n) _____

State: cargo 12V outlet (y/n) _____

14.36 Anti-Theft System • RF digitally encoded security system (D.E.S.S.) with start/stop button _____

14.37 Lighting • LED headlights _____
• LED taillights with back up light _____

14.38 Winch • Approx. 4,500 lb. (2,000 kg) winch with synthetic cable _____

State: winch capacity _____

14.39 Seat • Adjustable driver's seat _____
• 40/20/40 bolster _____

14.40 Steering Wheel • Premium steering wheel _____
• Adjustable steering wheel with full tilt- up feature _____

- 14.41 Protection
- Full glass fixed windshield with wiper kit _____
 - Full color match doors with locks
 - Electric opening windows
 - Rear clear glass window
 - Full heavy-duty HMW plastic skid plate
 - Full hard roof with liner and dome light
 - Heavy-duty front bumper
 - Mudguards

State: windshield w/ wiper kit (y/n) _____

State: color match doors w/ locks (y/n) _____

State: electric windows (y/n) _____

State: rear glass window (y/n) _____

State: full HD plastic skid plate (y/n) _____

State: full hard roof with liner & dome light (y/n) _____

State: HD front bumper (y/n) _____

State: mudguards (y/n) _____

- 14.42 Hitch type
- Approx. 2 in. hitch receiver _____

- 14.43 Climate (HVAC)
- Heating _____
 - Venting _____
 - Air Conditioning _____

- 14.44 Radiator
- High-capacity radiator with fan and condenser _____

- 14.45 Touchscreen Display
- Approx 10.25 touchscreen display _____
 - Premium steering wheel controls _____
 - Rear camera _____

WARRANTY:

- 15.1 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.

- 15.2 The warranty for the **Utility Task Vehicles** shall cover the complete equipment, and all parts thereof against any defects of workmanship, construction, and materials. _____

Any equipment 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

- 15.3 Basic Coverage **State:** Terms: _____

DELIVERY:

16.1 **Delivery Point:** _____

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

16.2 **Delivery Time:** _____

Equipment shall be delivered between 8:00 am and 2:00 pm on Business Days.

State: earliest delivery time from date of award: _____

16.3 **Delivery Contact:** _____

The Contractor shall contact the Contract Administrator prior to delivery of the equipment.

16.4 **P.D.I.:** _____

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

MANUALS:

17.1 **Manuals:** _____

The following manuals shall be supplied with the equipment when delivered:

Operator – Two (2) Copies

- One (1) copy shall be sent to the Equipment Operator Training Branch
- One (1) copy to be left with the equipment

Parts and Service

- One (1) complete set including preventative maintenance schedules

Note: CD or USB flash drive is preferred where available

PARTS/LABOUR PRICING:

18.1 Bidder to provide City of Winnipeg Parts Discount % Pricing from retail parts pricing. _____

State: percentage discount

18.2 Bidder to provide City of Winnipeg Labor Discount % Pricing from Retail shop labor rate. _____

State: percentage discount

FIRST SERVICE PREVENTATIVE MAINTENANCE KIT:

19.1 If applicable, to assure minimum downtime of the Equipment in future service, the Contractor must 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, transmission, cab and hydraulic, or otherwise all known necessary common replacement filters required for the first preventative maintenance servicing and first transmission service. _____

19.2 The Contractor must 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
