

FORM N: DETAILED SPECIFICATIONS 25049

SUPPLY AND DELIVERY OF AN ALL-TERRAIN VEHICLE (ATV)

1. INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

- 1.1 All items in these specifications should be answered indicating compliance or non-compliance.
- 1.2 **Bidders 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 Bidder 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 **All-Terrain Vehicle** and other equipment and features as specified herein.
- 2.2 The **All-Terrain Vehicle** shall be a new **2025** model year or newer.
- 2.3 The **All-Terrain 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 **All-Terrain 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/regcs/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/regcs/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/matmgt/pdfs/PublicWorksEquipLightingVisibility.pdf

Manitoba Building Code:

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

3.2 Where applicable, the completed unit shall include a Manitoba Government Inspection with Safety Sticker.

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

State NSM number: _____

4. FUEL

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

5. REFERENCES

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

6. MAKE & MODEL

6.1 State year, make and model being bid:

Vehicle / Equipment

Make: _____

Model: _____

Model Year: _____

7. PERFORMANCE RELIABILITY

7.1 The responsibility for the design of the **All-Terrain 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 **All-Terrain Vehicle** develops "repeated failures" in service, the Contractor shall make any necessary engineering changes, repairs, alterations, or modifications 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. SERVICE FACILITY

8.1 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 or City Representative.

9. QUALIFICATIONS OF MANUFACTURER AND CONTRACTOR

- 9.1 The manufacturer of the **All-Terrain Vehicle** shall have five (5) years continuous experience manufacturing **All-Terrain Vehicles**.
- 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 **All-Terrain Vehicles** of the type being offered

10. SPECIFICATIONS

Make, Model and Model Year

- 10.1 Make **State:** make: _____
- 10.2 Model **State:** model: _____
- 10.3 Model Year Model Year 2025 or newer
State: model year: _____

Engine

- 10.4 Engine
 - Approximately 82 hp
 - Approximately 66 lb-ft
 - Approximately 999 cc, Rotax V-Twin
 - DOHC, liquid-cooled
 - Radiator cooling fan approximately 80W & 150cm**State:** hp _____
State: lb-ft _____
State: cc _____
State: cooling fan (watts & size (cm)) _____

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

Transmission

- 10.6 Transmission
 - pDrive primary CVT
 - L/H/N/R/P
- 10.7 Drive Train
 - Selectable 2WD / 4WD
 - Visco-Lok QE auto-locking front differential**State:** front differential type _____

10.8 Driving Assistance

- Work / Standard / Sport Modes _____
- Intelligent Engine Braking _____

10.9 Power Steering

- Tri-mode Dynamic Power Steering (DPS) _____

Suspension

10.10 Front Suspension

- Arched double A-arm _____
- Approximately 11 in. (28 cm) suspension travel _____

State: suspension travel _____

10.11 Front Shocks

- Twin-tube _____

10.12 Rear Suspension

- Arched double A-arm _____
- Approximately 12 in. (31cm) suspension travel _____

State: suspension travel _____

10.13 Rear Shocks

- Twin Tube _____

Tires & Wheels

10.14 Front / Rear Tires

- XPS Trail King 2-26 x 8/10 x 14in. _____

10.15 Wheels

- 14 in. aluminum _____

Brakes

10.16 Front

- Dual approximately 214 mm disc brakes _____
- Hydraulic twin-piston calipers _____

State: disc brake size _____

10.17 Rear

- Single approximately 214 mm disc brakes _____
- Hydraulic twin-piston caliper _____

State: disc brake size _____

Dimensions and Capabilities

10.18 Estimated Dry Weight

- 998 lb. (453 kg) _____

State: dry weight _____

10.19 L x W x H

- Approximately 99 x 49 x 56 in. (252 x 123 x 143 cm) _____

State: dimensions _____

10.20 Wheelbase

- Approximately 61 in. (155 cm) _____

State: wheelbase size _____

10.21 Ground Clearance

- Approximately 12 in. (29 cm) _____

State: ground clearance _____

10.22 Seat Height

- Approximately 38 in. (96 cm) _____

State: seat height _____

10.23 Rack Capacity

- Front: approximately 120 lb (55 kg) _____
- Rear: approximately 240 lb (110 kg) _____

State: front capacity _____

State: rear capacity _____

10.24 Storage Capacity

- Approximately 10 gal (40 L) _____

State: storage capacity _____

10.25 Towing Capacity

- Approximately 1,830 lb (830 kg) _____

State: towing capacity _____

10.26 Fuel Capacity

- Approximately 5.0 gal (20 L) _____

State: fuel capacity _____

Features

10.27 Gauge

- Approximately 8 in. wide digital display _____

State: gauge size _____

10.28 Magneto

- 650 W _____

State: magneto (W) _____

10.29 Instrumentation

- USB- C charger _____
- Phone storage _____

State: usb type _____

State: phone storage (y/n) _____

10.30 Ignition

- RF digitally encoded security system (D.E.S.S.) _____

10.31 Seat

- Removable passenger seat _____

10.32 Handlebar

- Standard _____

- 10.33 Protection
- Full skid plate _____
 - Heavy duty front and rear bumpers _____
 - Handguards _____

State: full skid plate (y/n) _____

State: HD front/rear bumpers (y/n) _____

State: handguards (y/n) _____

- 10.34 Hitch type
- 2-inch hitch receiver _____

Options

The all-terrain vehicle shall come with the following options:

Electrical

- 10.35 Console Extension USB Power Outlet _____
- 10.36 Heated Grips and Thumb Throttle Combo _____
- 10.37 RFID Key Green DESS _____
- 10.38 Jump Starter _____
- 10.39 USB Power Outlet Kit _____
- 10.40 Heated Visor Outlet _____

Hitches and Winches

- 10.41 Winch Cable Stopper _____
- 10.42 Front Receiver Hitch _____
- 10.43 Rubber Receiver Plug _____
- 10.44 3500 Winch with synthetic cable _____
- 10.45 Winch Accessories Kit _____

Lighting

- 10.46 3.5" (9cm) LED Driving Lights
LED Taillights _____

Performance

- 10.47 Foam Air Filter _____
- 10.48 Air-Intake Engine Pre-Filter _____
- 10.49 Fixed Riser 1.5" _____
- 10.50 Mud Strap _____

Tracks

10.51 Apache Back Country Track System _____

10.52 Apache Back Country Mounting Kit _____

10.53 Idler Wheel Kit _____

Windshields and Mirrors

10.54 Handlebar Mirrors _____

10.55 Adventure Low Windshield _____

Safety

10.56 Beacon _____

- HELLA MLB 10012-24VDC Part #H27996011 LED Micro Light bar 12-24V Magnetic Amber
- SAE Class 1
- Beacon to be located to achieve 360- degree visibility
- Beacon guard included
- Wired directly to the ignition i.e. no switch

10.57 Fire Extinguisher _____

- 2.5 lbs.
- High volume ABC type
- Securely mounted with quick release
- Provide mounting bracket and cover. See below pictures.



10.58 Battery Disconnect Switch _____
• Lockable with padlock

10.59 Back Up Alarm _____
• Approximately 95 – 112 dB
• Protected from damage
State: dB(A): _____

10.60 Horn _____

10.61 Slow Moving Vehicle Sign - Mounted _____

WARRANTY

11.1 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.

11.2 The warranty for the **All-Terrain Vehicle** 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.

Please provide complete warranty details with the FRFQ.

11.3 Standard Warranty **State:** Terms: _____

DELIVERY

12.1 **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 WFMA 185 Tecumseh Street, Winnipeg MB.

12.2 **Delivery Time:** _____

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

State: delivery time from date of award _____

12.3 **Delivery Contact:** _____

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

12.4 **P.D.I.:** _____

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

MANUALS

13.1 Manuals supplied under this contract shall cover the complete equipment including all components thereof, CD or USB Drives are preferred where available. _____

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

- Operator's Manual – Two (2) per unit. One (1) Operator Manual shall be sent to the Equipment Operator Training Branch _____

- Parts and Service Manuals – One (1) complete set including preventative maintenance schedules. CDs or USB Drives are preferred.

PARTS/LABOUR PRICING

14.1 Bidder to provide City of Winnipeg Parts Discount % Pricing from retail parts pricing. _____
State: percentage discount: _____

14.2 Bidder to provide City of Winnipeg Labor Discount % Pricing from retail shop labor rate. _____
State: percentage discount: _____

FIRST SERVICE PREVENTATIVE MAINTENANCE KIT

15.1 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. _____

15.2 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. _____