

PART E
SPECIFICATIONS

PART E - DETAILED SPECIFICATIONS 04-013

E1. GENERAL

- E1.1 The following specifications are a list of minimum requirements for specific components of the All Terrain Vehicle, and are not to be construed as to describe the complete machine. The Contractor shall ensure that the All Terrain Vehicle is equipped with any components, not specifically mentioned in these specifications, that are required to make the All Terrain Vehicle complete and fully operational for the intended purpose.
- E1.2 The All Terrain Vehicle shall be equipped with all components, features and accessories normally provided as standard for the model being supplied.
- E1.3 All applicable SAE standards form an integral part of these specifications

E2. INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

- E2.1 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 will be considered subject to evaluation.
- E2.2 Each bidder is required to fill in every blank. Failure to do so may be used as a basis for rejection of bid.

E3. TYPE

- E3.1 State make and model. _____

E4. ENGINE & ENGINE EQUIPMENT

- E4.1 Engine- minimum 498cc, 4 stroke. State size, make and model. _____
- E4.2 Starter- electric, c/w auxiliary recoil. _____
- E4.3 Cooling- liquid cooled. Coolant shall be good to -35° celcius. _____
- E4.4 Alternator- as recommended by manufacturer. State amperage. _____
- E4.5 Battery- as recommended by manufacturer. State cca. _____
- E4.6 Power point outlet- required, cigarette light type for Cell phone use. _____
- E4.7 Fuel Tank Capacity- minimum 20 litres. _____

E5. DRIVE TRAIN & BRAKES

- E5.1 Transmission- minimum 4 speed automatic, c/w high/low range. _____
- E5.2 Drive- shaft driven front and rear. _____
- E5.3 Suspension - front- independent rear- swing arm _____
- E5.4 Brakes- hydraulic disc, front and rear preferred. State. _____
- E5.4.1 Brake Controls- handle bar controls preferred. State. _____

E6. WHEELS & TIRES

E6.1 Front/rear tires- Shall be "Mud Bug", 25" X 10" X 12". State. _____

E6.2 Ground clearance- front- minimum nine (9) inches. _____

E6.2.1 Ground clearance- rear- minimum seven (7) inches. _____

E7. INSTRUMENTATION/ LIGHTING

E7.1 Instrumentation required but not limited to:

(a) hourmeter _____

(b) fuel gauge/mechanical type _____

(c) high/low beam indicator _____

(d) oil pressure indicator _____

(e) water temperature indicator _____

(f) reverse/neutral indicator _____

(g) speedometer _____

E7.2 Lights- front- two (2) front halogen type required, switched. _____

E7.3 Rear- minimum one (1) tail/brake light required. _____

E7.4 Reflectors- as recommended by manufacturer. _____

E8. DIMENSIONS/STORAGE CAPACITIES

E8.1 Dimension- width- minimum forty six (46) inches, _____

- length- minimum ninety eight (98) inches. _____

E8.2 Storage- front, under rack preferred- nominal twenty five (25) L. capacity, _____

-front rack- nominal eighty (80) pound loading capacity, _____

-rear cargo box- required, nominal six hundred (600) pound loading capacity, shall have dumping capability. _____

E9. TOWING/TOWING CAPACITY

E9.1 Towing capacity- minimum 1000 pounds. _____

E9.2 Tongue capacity- minimum 30 pounds. _____

E10. BUMPER ASSEMBLY

E10.1 Bumper/brushguard for front required. _____

E11. PERFORMANCE RELIABILITY

E11.1 The Contractor shall assure the City that the responsibility for the design of the All Terrain Vehicle, it's performance and reliability shall rest upon the Manufacturer. _____

E12. WARRANTY

E12.1 The Contractor shall warrant all equipment, and all parts thereof, against any defects of 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 six (6) months from the date the equipment is put into service by the City of Winnipeg.

E12.2 All warranty items brought to the attention of the Contractor by the City shall be rectified expediently. The City reserves the right to effect warranty repairs to the equipment, at full cost to the Contractor, should the Contractor fail to perform the work within four working days.

E12.3 In the case where the Bidder proposes that warranty work be performed by the City of Winnipeg Repair Facility, any work performed by the City of Winnipeg shall be charged to the Contractor at the Facility's shop rate in effect at the time the work is performed (for example, shop rate for 2004, \$65.00/hour).

E13. REPEATED FAILURES

E13.1 The term "repeated failures" three (3) times will be determined by the Contract Administrator, and used herein is defined to mean that the same component, subassembly, or assembly develops repeated defects, breakdowns and/or malfunctions rendering the apparatus inoperative, or requiring repeated shop correction, service and/or replacement during the warranty period applicable for said component, subassembly, or assembly.

E13.2 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.

E13.3 Where the equipment develops "repeated failures" in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance, at no cost to the City of Winnipeg, including all incidental costs, with a reapplied, full warranty.

E13.4 Where the equipment develops "repeated failures" in service, the Contractor shall assure the City that the Manufacturer shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance.

E14. PARTS AVAILABILITY

E14.1 The Contractor shall have an established dealer/representative located within 30 km of the boundaries of the City of Winnipeg.

E14.2 The Contractors Winnipeg dealer/representative shall stock parts required for regular servicing, as outlined in the manufacturers service and maintenance manual.

E14.3 The Contractor shall be responsible to ensure that regular servicing parts are made available to the City of Winnipeg within a 24 hour period. _____

E14.4 In order to assure minimum down time of the equipment, the Contractor shall maintain a stock of all replacement parts in North America, either in his/her own inventory or in that of an agency that normally supplies parts to the Contractor.
Parts, shall be made available to the City by the Contractor within seventy two (72) hours from the date of notification. The City reserves the right to reject and bid where in the opinion of the Contract Administrator, past experience has displayed an unsatisfactory delivery of replacement parts. _____

E14.5 All warranty items brought to the attention of the Contractor by the City shall be rectified expediently. The City reserves the right to effect warranty repairs to the equipment, at full cost to the Contractor, should the Contractor fail to perform the work within four (4) working days. _____

E14.6 In the case where the Bidder proposes that warranty work be performed by the City of Winnipeg Repair Facility, any work performed by the City of Winnipeg shall be charged to the Contractor at the Facility's shop rate in effect at the time the work is performed (for example, shop rate for 2004, \$65.00/hour). _____

E15. MANUALS/CDS

E15.1 The following manuals/CDs (preferred) shall be supplied at the time of delivery of the equipment:

(a) Operator's manual/CDs, two (2) sets. _____
(b) Parts and service manuals/CDs, two (2) sets _____
(c) preventative maintenance schedules two (2) sets. _____

E16. LITERATURE

E16.1 Bidders shall submit within forty eight (48) hours of a request by the Contract Administrator, current descriptive, detailed literature on the equipment being bid. _____

E17. DELIVERY

E17.1 The All Terrain Vehicle (ATV) shall be delivered freight pre-paid, F.O.B., 3 Grey Street, Winnipeg, Manitoba, serviced and ready for operation, **within, fifteen (15) calendar days or sooner** from the date of notification of the award. The Contract Administrator shall be given two (2) (business) days notice at (204) 986-5328, prior to the delivery of the equipment. _____

E18. TRAINING

E18. The Supplier shall provide at their expense, up to four (4) hours of operational and maintenance training by qualified staff for the City of Winnipeg Operational and Maintenance Personnel. The training shall be conducted in a separate or combined session/s for each group of personnel. The session/s shall be sufficient in duration and shall provide adequate familiarization and orientation of the All Terrain

Vehicle, to the satisfaction of the Contract Administrator.
