

FORM A: BID
(See B8)

1. Contract Title SUPPLY AND DELIVERY OF A USED 18-TON WHEELED EXCAVATOR WITH HI-RAIL CAPABILITIES

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.

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 thirty (30) Calendar Days following the Submission Deadline, except that the availability of the goods bid may be subject to bona fide prior sale.

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 USED 18-TON WHEELED EXCAVATOR WITH HI-RAIL CAPABILITIES

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	18-Ton Wheeled Excavator	18034	Each	1	
2.	Hi-Rail Attachment	18037	Each	1	

Name of Bidder

FORM N (R1): DETAILED SPECIFICATIONS 18034

18-TON WHEELED EXCAVATOR

1.0 DESCRIPTION OF EQUIPMENT

- 1.1 These specifications describe an **18-Ton Wheeled Excavator** and other equipment and features as specified herein. The 18-Ton Wheeled Excavator may be equipped with or without the Hi-Rail attachment. Excavators not equipped with the Hi-Rail Attachment will have the Hi-Rail Attachment installed after delivery of the excavator.
- 1.2 The **18-Ton Wheeled Excavator** shall be a used 18-Ton Wheeled Excavator model year 2006 or newer with approximately no more than 2000 hours on the machine.
- 1.3 **The 18-Ton Wheeled Excavator and all other items/components 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 Where applicable, the **18-Ton Wheeled Excavator** shall comply with the applicable regulations:

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/regs/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/regs/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>

- 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. 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 If available, please 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

- 5.1 **State** year, make and model being 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 **18-Ton Wheeled Excavator** 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 **18-Ton Wheeled Excavator** 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 **18-Ton Wheeled Excavator** shall have five (5) years continuous experience manufacturing **18-Ton Wheeled Excavator**.

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.

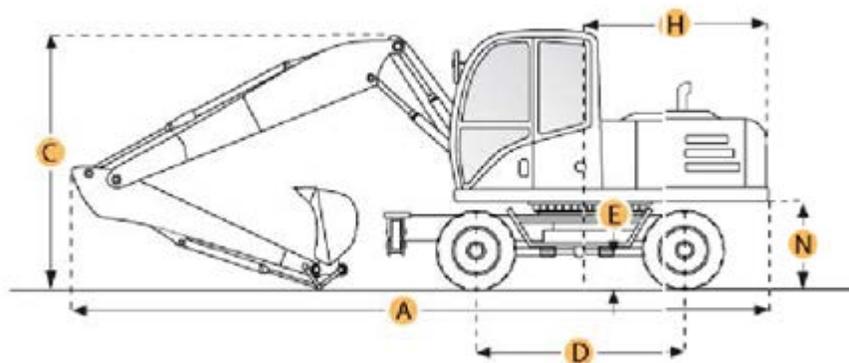
9.3 The Contractor shall have five (5) years continuous experience servicing, repairing and maintaining **18-Ton Wheeled Excavator** of the type being offered.

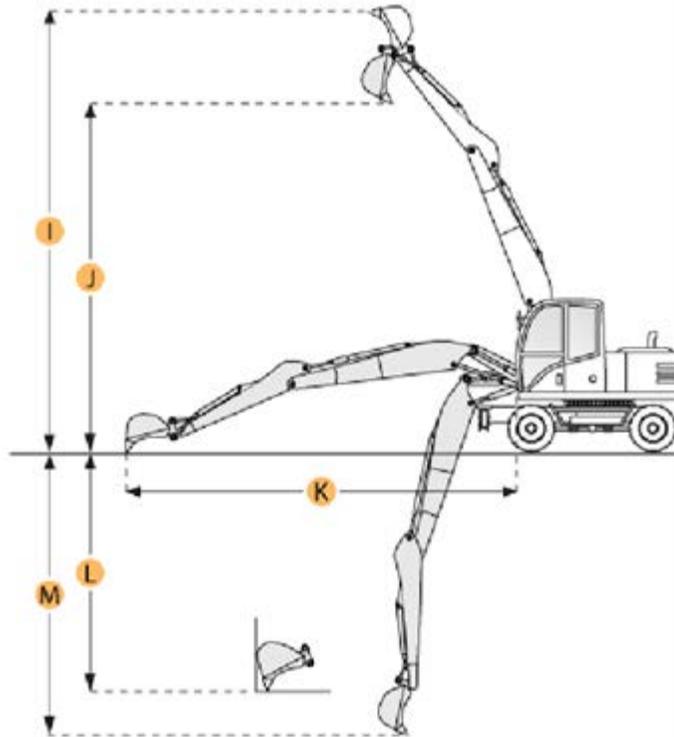
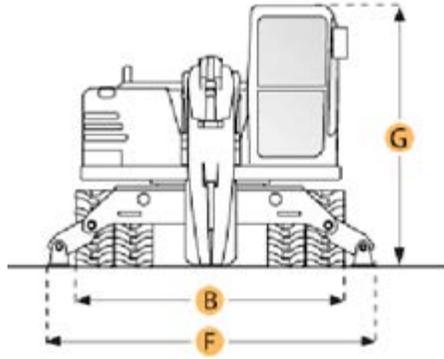
10.0 SPECIFICATIONS:

- | | | | |
|------|----------------------|--------|-------|
| 10.1 | Excavator Make | State: | _____ |
| 10.2 | Excavator Model | State: | _____ |
| 10.3 | Excavator Model Year | State: | _____ |
| 10.4 | Excavator Hours | State: | _____ |

Dimensions

10.5 Use the diagrams for specifications 10.6 to 10.19 _____





10.6	Dimension A: Shipping Length	Approximately 9000 mm (29 ft. 6 in.) State:	_____
10.7	Dimension B: Overall Width	Approximately 2530 mm (8ft. 4 in.) State:	_____
10.8	Dimension C: Shipping Height	Approximately 3130 mm (10 ft. 3 in.) State:	_____
10.9	Dimension D: Wheelbase	Approximately 2650 mm (8 ft. 8 in.) State:	_____

10.10	Dimension E: Ground clearance	Approximately 360 mm (1 ft. 2 in.) State:	_____
10.11	Dimension F: Overall Width – Outriggers Down	Approximately 3700 mm (12 ft. 2 in.) State:	_____
10.12	Dimension G: Height to Top of Cab	Approximately 3080 mm (10 ft. 1 in.) State:	_____
10.13	Dimension H: Tail Swing Radius	Approximately 2440 mm (8 ft.) State:	_____
10.14	Dimension I: Cutting Height	Approximately 9180 mm (30 ft. 1 in.) State:	_____
10.15	Dimension J: Loading Height	Approximately 6380 mm (20 ft. 11 in.) State:	_____
10.16	Dimension K: Reach Along Ground	Approximately 8970 mm (29 ft. 5 in.) State:	_____
10.17	Dimension L: Vertical Wall Dig Depth	Approximately 4770 mm (15 ft. 8 in.) State:	_____
10.18	Dimension M: Digging Depth	Approximately 5340 mm (17 ft. 6 in.) State:	_____
10.19	Dimension N: Upper Structure Clearance	Approximately 1270 mm (4 ft. 2 in.) State:	_____
10.20	Operating Weight	Approximately 18,800 kg (41,450 lbs.) (18T) State:	_____
	Electrical		
10.21	Alternator	State: amps	_____
	Engine		
10.22	Horsepower	Approximately 90 kW (121 hp) State:	_____
10.23	Displacement	Approximately 4.3 L (264 cu in.) State:	_____
10.24	Torque	Approximately 447 Nm (330 lb-ft.) State:	_____
	Hydraulic System		
10.25	Main Pumps	Two (2) variable –displacement axial piston State: Minimum Flow State: Maximum Flow	_____

10.26	Pilot Pump	Two (2) Gear • One (1) for pilot • One (1) for Steering and Brakes State: maximum flow State: Pressure setting	_____
10.27	System Operating Pressure	State: Implement circuits State: Travel circuits State: Swing circuits	_____
10.28	Oil Filtration	State:	_____
	Lights		
10.29	Headlights	State:	_____
10.30	Work Lights	State: qty and locations	_____
10.31	Turn Signals	State:	_____
10.32	Hazards	State:	_____
10.33	Brake Lights	State:	_____
10.34	Side Marker lights	State:	_____
	Operational		
10.35	Fuel	Diesel State:	_____
10.36	Fuel Capacity	Approximately 280 L (74 US gal) State:	_____
10.37	Cooling System Capacity	Approximately 19 L (5 US gal) State:	_____
10.38	Engine Oil Capacity	Approximately 19 L (4.2 US gal) State:	_____
10.39	Hydraulic System Fluid Capacity	Approximately 270 L (71.3 US gal) State:	_____
10.40	Hydraulic Pump Flow Capacity	Approximately 400 L/min (106 gal/min) State:	_____
10.41	Operational Voltage	Approximately 24 V State:	_____
10.42	Operator Cab		
10.43	Type-ROPS	Roll-over protective structure complete with pressurized cab, OSHA certified or equal. State:	_____

10.44	Seat	Cushioned, adjustable bucket type with arm rests, cloth upholstery air suspension with retractable seat belt. State:	_____
10.45	Ride Control	Factory installed. State:	_____
10.46	All Windows	Tinted safety glass with appropriate markings for all panes and opening type where applicable. State:	_____
10.47	Ignition Keys	State: qty available	_____
10.48	Doors	State:	_____
10.49	Interior Rear-View Mirror	Adjustable. State:	_____
10.50	Windshield Wipers	Intermittent State:	_____
10.51	Heater/Defroster	State:	_____
10.52	Window Fans	State:	_____
10.53	Air Conditioning	State:	_____
10.54	Steps	State:	_____
	Swing Mechanism		
10.55	Swing Speed	Approximately 13 rpm State:	_____
10.56	Swing Torque	Approximately 40,500 Nm (29,800 lb.-ft.) State:	_____
	Transmission		
10.57	Type	2-Gear Power-shift State:	_____
10.58	Number of Forward Gears	Two (2) State:	_____
10.59	Number of Reverse Gears	Two (2) State:	_____
	Undercarriage		
10.60	Brakes	<ul style="list-style-type: none">• Four (4) wheel• Maintenance free• Wet disc State:	_____
10.61	Parking Brake	State:	_____

- 10.62 Travel Speed Approximately 30 km/h (19 mph)
State: _____
- 10.63 Creeper Speed **State:** _____
- 10.64 Turning Radius Approximately 6550 mm (21 ft. 6 in.)
State: _____

Attachments

- 10.65 Bucket(s) **State:** type and capacity _____
- 10.66 Front Blade If equipped
State: _____
- 10.67 Outriggers If equipped
State: _____

Service Records

- 10.68 Service Records If available, include documentation
State: _____

11.0 **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 Basic Vehicle (Comprehensive) **State:** _____

12.0 **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: earliest 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 _____

13.0 **MANUALS:**

13.1 **Operator's Manual:** One (1) per unit shall be supplied with the units when delivered: _____

FORM N (R1): DETAILED SPECIFICATIONS 18037

HI-RAIL ATTACHMENT

1.0 DESCRIPTION OF EQUIPMENT

- 1.1 These specifications describe a **Hi-Rail Attachment** and other equipment and features as specified herein.
- 1.2 The **Hi-Rail Attachment** shall be a new or used model year 2006 or newer with approximately no more than 2000 hours on the attachment.
- 1.3 **The Hi-Rail Attachment and all other items/components shall be the manufacturer's latest model (if new) and 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 Where applicable, the **Hi-Rail Attachment** shall comply with the applicable regulations:

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/regs/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/regs/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>

- 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. 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 If available, please 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

- 5.1 **State** year, make and model being 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.

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- 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 **Hi-Rail Attachment** 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 **Hi-Rail Attachment** 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 **Hi-Rail Attachment** shall have five (5) years continuous experience manufacturing **Hi-Rail Attachment**.

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 **Hi-Rail Attachment** of the type being offered.

Hi-Rail Attachment

- | | | | |
|-------|-------------------------|---|-------|
| 10.0 | Hi-Rail Make | State: | _____ |
| 10.1 | Hi-Rail Model | State: | _____ |
| 10.2 | Hi-Rail Style | State: | _____ |
| 10.3 | Excavator | State: Make and model of Excavator for which Hi-Rail is built or designed for. | _____ |
| 10.4 | Rail Travel Speed | State: | _____ |
| 10.5 | Suspension | State: | _____ |
| 10.6 | Guide Wheels | State: | _____ |
| 10.7 | Safety Pins Locks | State: | _____ |
| 10.8 | Raise / Lower Operation | State: | _____ |
| 10.9 | Track Gauge | State: | _____ |
| 10.10 | Track Signal Insulation | State: | _____ |
| 10.11 | Steering Wheel Lock | State: | _____ |
| 10.12 | De-Rail Guards | State: | _____ |
| 10.13 | Front Rail Sweeps | State: | _____ |
| 10.14 | Hydraulic Power Pack | State: | _____ |
| 10.15 | Electrical Controls | State: | _____ |
| 10.16 | Brakes | State: | _____ |

Service Records

10.17 Service Records If available, include documentation
State: _____

11.0 **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 Basic Vehicle (Comprehensive) **State:** _____

12.0 **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: earliest 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 _____

13.0 **MANUALS:**

13.1 **Operator's Manual:** One (1) per unit shall be supplied with the units when delivered: _____