

FORM A: BID
(See B8)

1. Contract Title SUPPLY & DELIVERY OF FRONT END WHEEL LOADERS

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. 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 & DELIVERY OF FRONT END WHEEL LOADERS

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Front End Wheel Loaders	16002	Each	3	
2.	Angle Snow Blade attachment	16002	Each	1	
3.	Pallet Fork attachment	16002	Each	1	

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 16002

Front End Wheel Loaders

1.0 DESCRIPTION OF EQUIPMENT/APPLICATION

- 1.1 **Description-** These specifications describe Front End Wheel Loaders and other equipment and features as specified herein.
- 1.2 **Application/Primary Job Functions-** The intended applications for the Wheel Loaders are to load trucks of all types and sizes with material varying from sand, salt and aggregates to rubble, refuse, concrete and snow. A second use would be to clear snow and ice off of parking lots, roadways, lanes and water main breaks. Percentages of primary job functions are 50% salt and sand loading, 25% aggregates, refuse, mud and concrete loading and 25% snow and ice removal. Intended utilization is 1000-1200 hours per year.
- 1.3 The Front End Wheel Loaders shall be a new 2015 or 2016 model year.
- 1.4 The Front End Wheel Loaders 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.
- 1.5 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 Front End Wheel Loaders shall comply with the applicable regulations:
- National Safety Mark, NSM
 - Manitoba Safety and Health Act, Parts 12, 22
 - Canadian Standards Association, CSA
 - Under Writers of Canada, U/L
 - Society of Automotive Engineers, SAE
 - 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 supplier shall have an authorized service facility located within 10 kilometres 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.

3.2 If a suitable warranty facility is not available within 10 km of the boundaries of the City of Winnipeg, the Bidder may propose that the City of Winnipeg Repair Facility perform warranty work. Any Work performed by the City of Winnipeg Repair Facility 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 2016: \$88.00/hour and \$ 112.00/hour for overtime and callout).

3.3 **Location of the service facility located within 10 km of the boundaries of the City of Winnipeg.**

The Bidder shall choose and fill in **one (1)** of the Clauses listed below. --- **3.4) or 3.5)**

3.4 Bidder's own facility location. State the location of the service facility below.

3.5 Bidder elects to have warranty work be performed by the City of Winnipeg Repair Facility.

4.0 REFERENCES

4.1 If available, please provide five (5) Canadian 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** make and model of the **Front End Wheel Loaders** 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 **Front End Wheel Loaders**, 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 **Front End Wheel Loaders** 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 All Front End Wheel loaders must be **fully fuelled upon delivery (no exceptions).**

9.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR

9.1 The manufacturer of the **Front End Wheel Loaders** shall have five (5) years continuous experience manufacturing **Front End Wheel Loaders**.

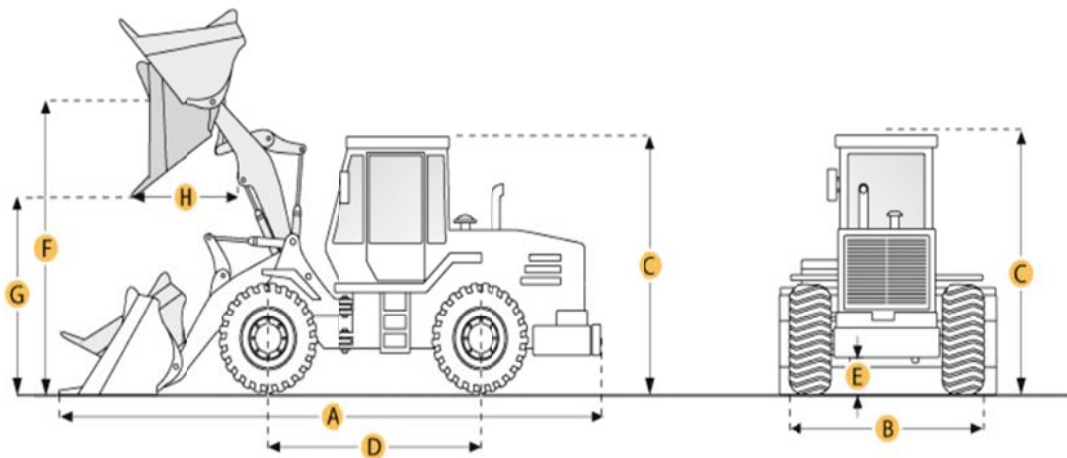
9.2 The manufacturer shall have in effect a documented quality control program ensuring that the quality of materials and workmanship, including welding, conforms to the best standards and engineering practice of the industry.

9.3 The Contractor shall have five (5) years continuous experience servicing, repairing and maintaining **Front End Wheel Loaders** of the type being offered.

SPECIFICATIONS-

(ELIGIBLE MODELS ARE JOHN DEERE 524K, CATERPILLAR 924K, CASE 621F) OR EQUIVALENT IN ACCORDANCE TO B6. SUBSTITUES.

10.0 DIMENSIONS-



- 10.1 Loader Type Articulating _____
- 10.2 Operating weight approx. 25,000 to 30,000 lbs. _____
- 10.3 Overall length, bucket on ground approx. 24-26 feet (a) _____
- 10.4 Overall width over tires 8 feet (b) _____
- 10.5 Overall height (to top of cab, not including warning beacon) approx. 10-11 feet (c) _____
- 10.6 Wheel base- approx. 9-10 feet (d) _____
- 10.7 Ground clearance approx. 12-15 inches (e) _____

10.8 Hinge Pin Height approx. 12 -13.5 feet (f) _____

10.9 Dump clearance at max raise approx. 8.9-11 feet (g) _____

10.10 Reach at max lift and dump approx. 15-17 feet (h) _____

ENGINE-

10.11 Must meet current Canadian EPA Standards, 6 Cylinder Diesel liquid cooled, turbo charged, Type Tier III, Tier IV interterm or Tier IV Final, **state-** _____

10.12 Net horsepower as per (ISO 9249) 140-150 horse power _____

10.13 Torque- as per (ISO 9249) 400-500 lb./ft. _____

10.14 Fuel shut-off - electric solenoid type. _____

10.15 Fuel filter - spin-on type. _____

10.16 Fuel system (heated preferred) water separator - required. _____

10.17 Oil filter - full flow, spin-on type. _____

10.18 Air cleaner - dry two-stage with restriction indicator and pre-cleaner. _____

10.19 Exhaust vertical pipe complete with muffler vertical discharge with bend and 40° cut-off. _____

10.20 Extended Life Coolant Ethylene glycol based, protected to -50°C _____

10.21 Engine block heater - immersion type 1,000 watts, with covered recessed male plug. _____

10.22 OEM Automatic De-rating or equivalent for exceeding system parameters. Shall provide visual and audible warning of principal machine systems including low engine, oil pressure, coolant temperature, low fuel pressure. Shall provide the ability for the operator to move the machine to a safe location where the machine will not pose a threat to the operator or the public. _____

10.23 Programmable anti-idling system or equivalent required for carbon emission reduction/fuel consumptions. _____

DRIVE TRAIN-

10.24 Front Axle- limited slip or hydraulic locking differentials. _____

10.25 Shall have the capability of allowing the operator to select either automatic or manual shifting. _____

10.26 Hydrostatic or full power shift with torque converter. _____

10.27 Shift control - single lever. _____

10.28 4 Forward gears _____

10.29 3 Reverse gears _____

10.30 **State** optional price for rear axle- limited slip or hydraulic locking differential- \$ _____

10.31 Semi-floating or oscillating rear axle. _____

10.32 Differential drain plugs - magnetic type. _____

BRAKES, STEERING & TIRES-

- 10.33 Service brakes - 4-wheel, hydraulic operated wet disk type to conform with (conform to ISO 3450) _____
- 10.34 Parking Brake - Spring applied and hydraulically released to conform with (conform to ISO 3450) _____
- 10.35 Accelerator pedal and brake pedal _____
- 10.36 Steering - articulated with 35° - 40° articulation left and right of center _____
- 10.37 Articulation center pin double tapered roller bearing or equivalent _____
- 10.38 Operational Steering and Articulating Requirements:
- a) Full steering and articulating capabilities required under full lift capacity at engine idle speed. _____
 - b) Steering and articulation of the machine must be smooth, controlled and continuous, fully raised and loaded at engine idle speed. _____
 - c) Steering wheel movement must be smooth, controlled and continuous fully raised at loaded engine speed. There shall be no erratic, pulsating or jerking movement of the steering wheel. _____
 - d) Steering equipped with neutralizer valves or rubber stops to prevent frame to frame contact at full articulation _____
- 10.39 Steering frame lock - required. _____
- 10.40 Tires Front and Rear:
- a) Radial _____
 - b) 20.5R25 L3 _____
 - c) Snow, gravel mud, pavement style tread, front and rear. _____
 - d) Tires shall have a sure grip design. _____
 - e) Michelin or Bridgestone _____
- 10.41 Rims:
- a) 3-piece design. _____

FRONT END LOADER-

- 10.42 Breakout force – Approx. 16,000 lbs. (with quick attachment and 2.75 cu.yd. Struck bucket. _____
- 10.43 Tipping Loads: with quick attachment and 2.75 cu.yd. struck bucket.
- a) Static straight – Approx. 19,000-22,000 lbs. _____
 - b) Full turn – Approx. 17,000-20000 lbs. _____

- 10.44 Loader Controls:
- a) Joystick or one dual function lever that provides lift and curl of the bucket. _____
 - b) Bucket leveller - automatic with position indicator. _____
 - c) Automatic "Return to carry" option required _____
 - d) Boom height control (kick-out) - automatic, adjustable. _____
- 10.45 Ride control system (accumulator) required to attenuate machine bounce during travel. Shall be OEM system. (Aftermarket system unacceptable) _____
- 10.46 The ride control system shall be of the type that automatically engages or disengages, dependent on the machines ground speed. _____
- 10.47 Loader bucket: **Must be Make WBM Weldco** (SAE – 2.75 cu. yd. struck capacity)
- a) Bucket general purpose. Bucket capacity SAE – 2.75 cu. yd. struck capacity _____
- 10.48 Bucket width to exceed machine width at tires. _____
- 10.49 Cutting edge - bolt-on, heat treated steel, 1, 2 or 3 piece reversible blade acceptable, full width of bucket x 12 inch deep. _____
- 10.50 Bottom wear plates - required to prevent bucket heel from rubbing on ground with bolt-on cutting edge in place. _____
- 10.51 Side wear plates - bolt-on, replaceable _____
- 10.52 OEM loader safety prop bar required. _____
- 10.53 Hydraulic fluid level indicator required. _____
- 10.54 Auxiliary hydraulics for attachment growth. Exact quantity shall be determined Upon a pre-production meeting. _____
- OPERATOR COMPARTMENT-**
- 10.55 Type –ISO 3471 Certified ROPS roll over protective structure complete with pressurized cab. _____
- 10.56 Insulation - required for sound suppression and maintaining heat and air Conditioning _____
- 10.57 Seat - cushioned, adjustable high back bucket type with cloth or vinyl upholstery, air suspension, lumbar, armrests and retractable seat belt. _____
- 10.58 Windows - tinted safety glass with appropriate markings for all panes. Rear window shall have an electric defroster with timer preferred. _____
- 10.59 Sun visor - fold-down type. _____
- 10.60 Door - lockable with keyed lock. Door/window shall latch in fully opened position. _____
- 10.61 Exterior rear view mirrors - one (1) each side with heat and electronic adjust preferred _____

- 10.62 Interior rear view mirror. _____
- 10.63 Windshield wipers – Winter type blades (with winter blade sealed boot preferred), two speed, front and rear. _____
- 10.64 Windshield washers - front and rear. _____
- 10.65 Heater/defroster/pressurizer - heavy duty, hot water type with multi-speed fan and filtered air intake. _____
- 10.66 Must have interior cab heater capable of sustaining cab temperature to 20°C at an outside ambient air temperature of - 40°C. Espar or Webasto auxiliary heater with timer required to assist factory heater and cab. _____
- 10.67 Defroster - capable of keeping all windows clear at – 40°C. _____
- 10.68 Air conditioning - required. _____
- 10.69 Radio - AM/FM/ with hand free cellular blue tooth for operator communications _____
- 10.70 Steering wheel - tilt type. _____
- 10.71 Rubber floor covering - required throughout. _____
- 10.72 OEM installed rear view camera. Camera to be located as to not incur damages _____
- 10.73 Instrumentation:
Shall be as follows but not limited to:
- a) Engine coolant temperature gauge and alarm. _____
 - b) Engine oil pressure gauge or alarm. _____
 - c) Transmission oil temperature gauge _____
 - d) Hour-meter- required. Non-resettable. _____
 - e) Ammeter, voltmeter, state- _____
 - f) Fuel gauge- required. _____
 - g) Tachometer- preferred, state- _____
- 10.74 Gauges shall be mounted in the control panel (dashboard), or in a location that is easily observed by the operator from the seat. _____
- 10.75 Noise level, interior - Operators station shall expose the operator to sound pressure of no greater than 68 dB(A) per ANSI/SAE J1166 to provide maximum operator safety. _____
- 10.76 Rear sun shade required _____
- 10.77 (10) lbs ABC Type Fire Extinguisher, as per Manufacture's OEM recommendation , state location- _____
- 10.78 Steps and handrails to provide safe cleaning of front windshield _____

10.79 Left and right cab doors preferred, complete with a full length ladder to provide safe exit if required. State emergency exit- _____

10.80 Self cleaning steps for safe entry and exit _____

10.81 Personal storage areas shall include places to store a lunch box, thermos, cup, coat rack and a lockable storage area. _____

ELECTRICAL & LIGHTING-

10.82 Type - 24 volt, negative ground electrical system. _____

10.83 Electric starter -Electric starter thermally and over spin protected. _____

10.84 Starter switch key type or Keyless Start Code _____

10.85 Three (3) sets of keys required if unit requires keys _____

10.86 Batteries - two (2), maintenance free approx. 950-1100 CCA capacities each. _____

10.87 Battery disconnect switch - required. Battery disconnect switch, protected from the elements. _____

10.88 Alternator - high output approx.120-130 amps, state output- _____

10.89 LED, Combination stop and tail lights - two (2), protected from damage. _____

10.90 LED, Signal lights with warning flashers - two (2), visible front and rear. _____

10.91 LED Headlights - two (2), mounted immediately below cab roof. _____

10.92 Work lights: _____

a) LED Heavy Duty work lights required. _____

b) Front - two (2), adjustable, mounted near top pivot of loader lift arms. _____

c) Rear - two (2). Must be fully adjustable. _____

d) Independent on/off switch for each pair of work lights.(front and rear)
Dash mounted, wired through ignition. _____

10.93 Full set of Manitoba Highways Provincially approved highway lights (wigwag lights). _____

10.94 Shall be independently controlled through a separate switch. _____

10.95 Highway lights not to extend past cab. _____

10.96 Cab interior (dome) light. _____

10.97 Horn required _____

10.98 Warning Beacons: _____

a) Blue/Amber with Clear Lens L360 Series Super LED Beacon: L31HABF
Branch Guard: L360BGB _____

b) Both beacons to be independently switched. _____

10.99 Roof mounted with ramped, bolt-on metal guard _____

10.100 Complete with dash mounted on/off switch wired through ignition. _____

10.101 (97 dba) Back-up alarm - mounted at rear of unit, located to be protected from damage. _____

10.102 Radio installation provision - 12 volt, 20-amp circuit available at a spare circuit breaker, suitable for installation of a 2-way mobile radio. _____

10.103 Radio to be wired on an independent circuit. _____

10.104 Wiring:

a) All electrical functions (except warning flashers, and 2-way radio circuit) shall be wired through the ignition. _____

b) Wiring for all locally installed equipment shall be colour coded, loomed and properly secured. _____

c) All joining of wires and electrical connectors shall be soldered and sealed with heat shrink tubing or with sealed weather tight connectors _____

d) No splices shall be made into OEM or after market wiring harnesses. _____

e) All additional circuits are to be run from a power distribution box. _____

f) All fuses, relay's and circuit breakers to be made easily accessible. _____

ANTI-THEFT/SECURITY

10.105 Security Anti-Theft system with immobilizer preferred _____

MISCELLANEOUS-

10.106 Fenders – Full width, required front and rear with anti-skid tape on step surfaces where applicable. _____

10.107 Engine side covers - hinged (if lockable, all locks must keyed alike). _____

10.108 Drawbar hitch with pin. _____

10.109 Access ladder with non-skid step surfaces. _____

10.110 Grab handles - supplied as required at all appropriate locations. _____

10.111 Toolbox - lockable, **state** location- _____

10.112 Slow moving vehicle emblem. _____

10.113 Groeneveld Twin Automatic Greasing System. , **state** quantity of grease points- _____

10.114 Quick Coupler- **Must be WBM Weldco Quick Coupler** Part # **4W17071-1 attachment** for the use of universal attachments _____

10.115 Oil sampling valves for engine, transmission and hydraulic system _____

10.116 Electric fuel priming pump to eliminate fuel contamination _____

ATTACHMENTS/ COUNTER WEIGHTS-

10.117 (1) Snow Blade WBM Weldco Angle Blade Part # 4W17068-1, (1) Pallet Forks WBM Weldco 54" Forks Part # 4W17073-1 (See Form B: Prices) _____

10.118 Counter Weights- The Bidder shall provide rear counter weights in order for the machine not to front end tip if there is a heaped bucket load. _____

ONLINE DEALER SUPPORT-

10.119 The following information shall be available **live** web based on line at the time of delivery of the equipment and shall be included in the Form B Bid prices. On-line dealer support shall be for a (9) year life cycle. The **Front End Wheel Loaders** shall have an OEM factory Installed Equipment Management System which provides the following:

Wireless communications designed to deliver:

- Location
 - Utilization
 - Performance
 - Maintenance data
 - Fault codes
 - Service history
 - Preventative Maintenance schedules
 - Fuel data.
 - On-line support shall be 24 hours/ 7days a week /365 days a year
 - **(PDF versions not acceptable)**
- _____

10.120 Operational (Operator manual) information- Shall consist of the following:

- On line comprehensive technical and operational information
 - On-line support shall be 24 hours/ 7days a week /365 days a year
- _____

10.121 Parts/technical/service/repair information- Shall consist of the following:

- On-line Parts/technical/service/repair information
 - On-line equipment electrical diagnostic information
 - The ability to purchase parts from an on-line catalogue.
 - Ordered parts lists, ie; PM service kits.
 - Parts recalls
 - Ability to order parts on line 24 hours/ 7days a week /365 days a year preferred
 - **(PDF versions not acceptable)**
- _____

10.122 Preventative maintenance schedules- Shall consist of the following:

- Provide on-line detailed checklists that outline critical steps in the PM process
 - Detailed fluid analysis reports which include present and past results preferred.
 - The ability to view frequently ordered parts lists, ie PM Service kits.
 - **(PDF versions not acceptable)**
- _____

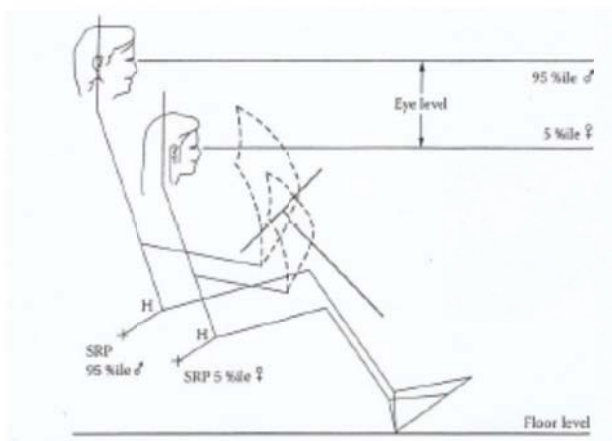
10.123 State Website address - _____

GUARANTEE FUEL BURN

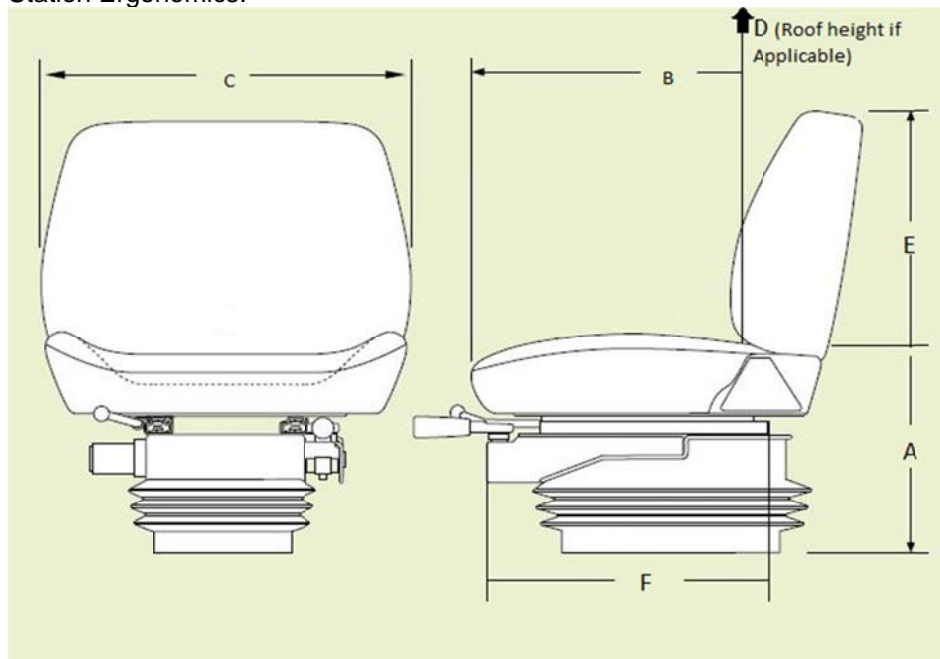
10.133 **If available**, bidder shall state fuel burn liter per hour based on item 1.2 Equipment Application/Primary Job Functions

11.0 OPERATOR STATION ERGONOMICS

Cab or station layout should provide a comfortable seating position for the 5th to the 95th percentile of personnel. Figure 1 below illustrates the variance between a 5th to a 95th percentile of North American males and females when seated.



11.1 Figure 2: Use the below diagram to answer the specifications for Operator Station Ergonomics.



- | | | | |
|------|--|--|-------|
| 11.2 | Sitting height range from floor (where feet rest) (A) | State , seat height range in inches | _____ |
| 11.3 | Seat length/depth (B) | State , seat length/depth in inches | _____ |
| 11.4 | Seat width (C) | State , seat width in inches | _____ |
| 11.5 | Cab height from seat to roof (if applicable) (D) | State , cab height range in inches | _____ |
| 11.6 | Back rest height (E) | State , back rest height in inches | _____ |
| 11.7 | Seat travel range (F) | State , seat travel in inches | _____ |
| 11.8 | Include any other relevant ergonomic specifications and applicable range of adjustment | | _____ |

12.0 **WARRANTY-**

- 12.1 All warranty information shall be detailed and include all exclusions. The successful bidder shall provide all published warranty information upon delivery of the equipment. Bidder shall state all warranty information.
- _____
- _____
- _____
- _____

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. _____
- 13.2 **Delivery Time:** Within **(20) twenty 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 is preferred where available. _____
- 14.2 The following manuals shall be supplied with the units when delivered:
- a) Operator's manual – Two (2) per unit (one operator manual shall be sent to the Equipment Operator Training Branch _____
- b) Parts and service manuals – one (1) complete set including preventative maintenance schedules. CDs are preferred. _____

15.0 **PARTS/LABOUR PRICING**

- 15.1 Bidder to provide City of Winnipeg Parts Discount % Pricing from retail parts pricing. **State percentage discount-** _____
- 15.2 Bidder to provide City of Winnipeg Labor Discount % Pricing from Retail shop labor rate. **State percentage discount-** _____