

FORM A: BID
(See B8)

1. Contract Title SUPPLY AND DELIVERY OF A RUBBER TIRED ASPHALT PAVER

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 AND DELIVERY OF A RUBBER TIRED ASPHALT PAVER

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Rubber Tired Asphalt Paver	15006	Each	1	
2.	Full Maintenance Agreement	15006	Each	1	

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 15006

RUBBER TIRED ASPHALT PAVER

1.0 DESCRIPTION OF EQUIPMENT

- 1.1 These specifications describe an **Asphalt Paver** and other equipment and features as specified herein.
- 1.2 The **Asphalt Paver** shall be a new 2016 model year or newer.
- 1.3 The **Asphalt Paver** 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.
- 1.4 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 The **Asphalt Paver** shall comply with the applicable regulations:

National Safety Mark, NSM = <http://www.tc.gc.ca/eng/acts-regulations/acts-road.htm>

Manitoba Safety and Health Act, Parts 12, 22 =
<http://web2.gov.mb.ca/laws/statutes/ccsm/w210e.php> and <http://www.gov.mb.ca/labour/safety/>

Canadian Standards Association, CSA = <http://www.csa.ca/about/Default.asp?language=english>

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 located within 10 km 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.

4.0 REFERENCES

- 4.1 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 & MODE

- 5.1 **State** make and model of the equipment 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 **Asphalt Paver**, 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 **Asphalt Paver** 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 fuelled upon delivery (no exceptions).

9.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR

- 9.1 The manufacturer of the **Asphalt Paver** shall have five (5) years continuous experience manufacturing the equipment.

- 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 **Asphalt Paver** of the type being offered.

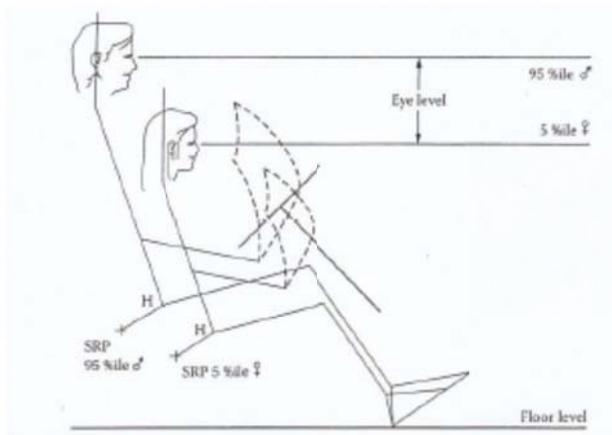
10.0 **SPECIFICATIONS:**

10.1	Operating weight	State	_____
10.2	Engine/Drive	Tier III or IV compliant diesel, approx. 200-220 HP liquid cooled and turbo charged. (SCR- Selective Catalytic Reduction not acceptable). Engines shall be warranted to use biodiesel at a B10 blend level (10% biodiesel to 90% ultra low sulfur diesel), where the biodiesel will meet product specification ASTM D 6751 to ensure fuel quality, state	_____
10.3	Drive system	Hydrostatic drive with differential lock/posi-trac preferred, state	_____
10.4	Wheel assist	Front wheel drive assist	_____
10.5	Paver width	Approx. 10 feet, state	_____
10.6	Overall paver width	Paving width @ 10-20 ft. (approx.) with the option of 2 x 2 ft. extensions, state	_____
10.7	Paver depth	Approx. 12 inches, state	_____
10.8	Paving speed	State , speed	_____
10.9	Travel speed	State , speed	_____
10.10	Drive Tires	16 ply calcium filled, state size	_____
10.11	Front steering tires	Solid rubber tires	_____
10.12	Extra replacement tires	One (1) set of drive tires and one (1) set of front steering tires	_____
10.13	Brakes/steering	Multiple disc parking/hydrostatic steering	_____
10.14	Operator station	Dual seat and steering	_____
10.15	Hardtop canopy	over operator station	_____
10.16	Fuel capacity	Approx. 270 liters, state	_____
10.17	Hopper length & width	Length & width 6ft. x10ft.	_____
10.18	Hopper volume	Approx. 6.0 m ³	_____
10.19	Hopper capacity	Approx. 14 tons	_____
10.20	Feed tunnel width	State , width	_____

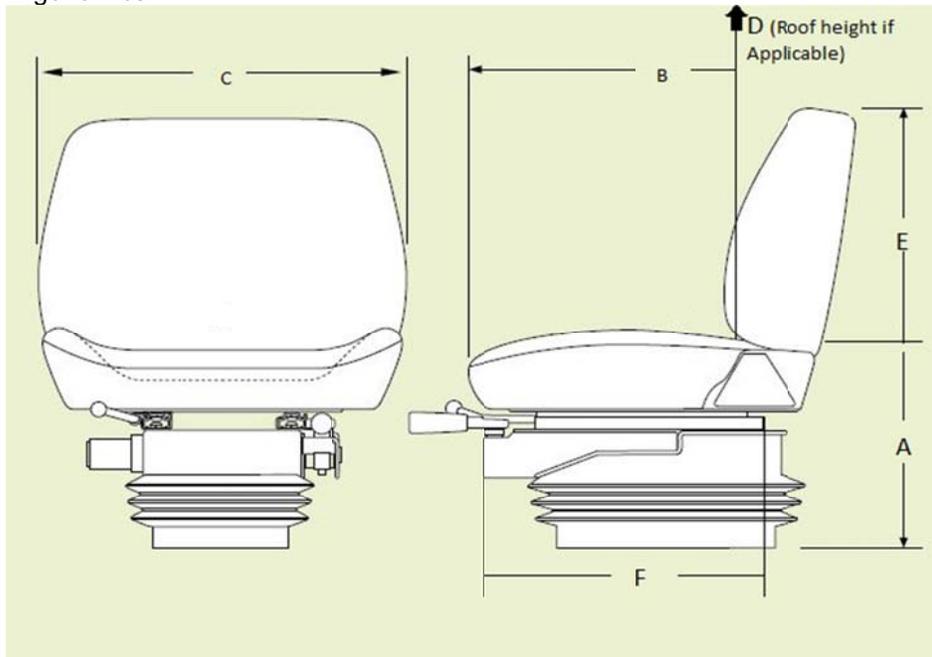
10.21	Screed plate	Approx. 34in. x 10ft., steel, state	_____
10.22	Screed thickness	Approx. 3/8 in.	_____
10.23	Screed vibrators	Hydraulically adjustable	_____
10.24	Screed vibrations	State , vibrations per-unit (vpm)	_____
10.25	Heaters	Electric state BTU	_____
10.26	Crown control	Hydraulic	_____
10.27	Screed lift	Hydraulic	_____
10.28	Mat depth control	Hydraulic	_____
10.29	Screed end plates	Adjustable	_____
10.30	Screed stretch	Electric approx. 19'6"	_____
10.31	Control system	Topcon electronics preferred	_____
10.32	Frame raise/auger raise/suspension raise	Frame raise/auger raise/suspension raise Or equivalent, state	_____
10.33	Fume extraction system	State type	_____
10.34	Feed system	Auto feed or equivalent	_____
10.35	Electronic controls	Topcon system	_____
10.36	Truck hooks	Hitch	_____
10.37	Spreading auger	State type & dimensions	_____
10.38	Backup alarm	Approx. 97 dB	_____
10.39	Safety lighting	360 visibility, Model Whelen mini light bar, p/n R2LPPA4 (amber)	_____
10.40	Fire extinguisher	(10 lbs.) F.E. dry chemical fire extinguisher	_____
10.41	Reflective stripping	Exact locations to be determined prior to delivery	_____
10.42	Ignition keys	Three (3) sets of keys	_____
10.43	Laser level	Laser level or equivalent, state	_____

OPERTAOR STATION
ERGONOMICS

10.44 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.



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



- | | | | |
|-------|--|--|-------|
| 10.46 | Sitting height range from floor (where feet rest) (A) | State , seat height range in inches | _____ |
| 10.47 | Seat length/depth (B) | State , seat length/depth in inches | _____ |
| 10.48 | Seat width (C) | State , seat width in inches | _____ |
| 10.49 | Cab height from seat to roof (if applicable) (D) | State , cab height range in inches | _____ |
| 10.50 | Back rest height (E) | State , back rest height in inches | _____ |
| 10.51 | Seat travel range (F) | State , seat travel in inches | _____ |
| 10.52 | Include any other relevant ergonomic specifications and applicable range of adjustment | | _____ |

OPTIONAL GREASING SYSTEM

- | | | | |
|-------|---|---|----------|
| 10.53 | Auto greasing system | Groeneveld/CPL Systems Inc. complete CPL automatic greasing system including all required grease points on the flusher body, and automatic low level shut-off with in-cab red light indicator. | _____ |
| 10.54 | Greasing points | State , quantity of greasing points on the machine | _____ |
| | | State , quantity of greasing points the auto greaser will supply | _____ |
| 10.55 | Grease fittings | Readily accessible with remote grease zerks | _____ |
| 10.56 | State price for greasing system (not to be included in Form B: Prices) | | \$ _____ |

FULL MAINTENANCE SERVICE

- | | | | |
|-------|--------------------------|--|-------|
| 10.57 | Full Maintenance Service | Full maintenance service agreement based on the manufacturer's suggested preventative maintenance schedule. Bidder shall provide all detail with bid submission (See form B:Prices). | _____ |
|-------|--------------------------|--|-------|

GUARANTEED BUYBACK

- | | | | |
|-------|--------------------|--|----------|
| 10.58 | Guaranteed Buyback | State, guaranteed buyback (based on 110 hours per month for 5 years) | \$ _____ |
|-------|--------------------|--|----------|

11.0 **WARRANTY**

- | | | |
|------|--|-------|
| 11.1 | 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. | _____ |
|------|--|-------|

- | | | |
|------|---|-------|
| 11.2 | The warranty for the Rubber Tire Asphalt Paver shall cover the complete equipment, and all parts thereof against any defects of workmanship, construction and materials, for a period of not less than (5) year (5000) hours on the entire unit "bumper to bumper" Any article 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. 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.I.V.S. (if applicable) to the WFMA 185 Tecumseh Street, Winnipeg MB. The successful bidder shall be notified by the Contractor Administrator the delivery address prior to issuance of the purchase order _____

12.2 Delivery Time: **Twelve to sixteen (12-16) calendar weeks** from the date of award. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days. _____

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 Manuals supplied under this contract. The manuals shall cover the complete equipment including all components thereof, CD is preferred where available. _____

13.2 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 sets including preventative maintenance schedules. CDs are preferred. _____

14.0 **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-** _____