

FORM A: BID
(See B8)

1. Contract Title SUPPLY AND DELIVERY OF ROUTING SAWS

2. Bidder

Name of Bidder

Usual Business Name of Bidder as it appears on Invoice (if different from above)

Street

City

Province

Postal Code

(Mailing address if different)

Email Address of Bidder

Facsimile Number

Street or P.O. Box

City

Province

Postal Code

(Choose one)

GST Registration Number (if applicable)

The Bidder is:

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 ROUTING SAWS

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Routing Saws (30 HP)	15018	Each	2	
2.	Routing Saw (Soff-Cut)	15037	Each	1	

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 15018

ROUTING SAWS (30 HP)

1.0 DESCRIPTION OF EQUIPMENT

- 1.1 These specifications describe a **Routing Saw** and other equipment and features as specified herein.
- 1.2 The **Routing Saw** shall be a new 2015 model year or newer.
- 1.3 The **Routing Saw** 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 **Routing Saw** 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 **Routing Saw**, 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 **Routing Saw** 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 **Routing Saw** 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 **Routing Saw** of the type being offered.

10.0 **SPECIFICATIONS:**

10.1	Application	Capable of accurately routing random cracks in asphalt or concrete surfaces.	_____
10.2	Engine	30 HP gasoline engine, with hour meter. Engine mounted on a hinged saddle to permit adjustment of belt tension.	_____
10.3	Air cleaner	A dual element air cleaner. Donaldson air cleaner with pre-cleaner installed. A dirty air cleaner indicator installed between the two air filtration systems.	_____
10.4	Axles	Two axles attached on either side of the frame assembly in line with the cutter-head.	_____
10.5	Tires	Two pneumatic tires with tapered bearings.	_____
10.6	Cutter head	Cutter head mounted on a drive shaft having a diameter of 1 3/4" and is fastened with two 1/2" hex head cap screws in conjunction with a 3/8"x 4" key.	_____
		Cutter head drive shaft mounted by means of two self-aligning ball bearings.	_____
		Accommodate a blade of six - eight tooth carbide tipped cutters.	_____
		Equally spaced cutters on the cutter-head and revolve on the hardened pins of a length that permits the use of spacers. By rearranging the spacers, the cut width can be varied from 1/2" to 2" wide.	_____
		Cutter head housed in a steel housing capable of containing the cutter assembly and covering 80% of the total surface area.	_____

10.7	Mounting	<p>The driving force from the engine to the cutter head transmitted through a clutch and twin grooved sheaves and twin matched "V" belts covered with a removable metal guard ventilated to prevent upward suction of pavement debris.</p> <p>The entire assembly of engine, cutter head, cutter head housing and all other part assemblies mounted on a heavy steel frame, electric welded through 100% of the metal thickness at each joint for maximum strength and rigidity.</p>	_____
10.8	Guarding	<p>Cutter head and its protective housing able to raise and lower 4 inches by an electric lineal actuator operated by a fingertip control switch mounted on the operator handle.</p> <p>Central location of cutter head to the frame.</p>	_____
10.9	Clutch	<p>Electric clutch mounted on the engine in with ability to stop the cutter-head on demand without stopping the engine. Clutch switch located on the handle in order to facilitate easy access by the operator.</p>	_____
10.10	Safety chain guards	<p>Safety chain guards and flexible rubber guards surrounding the front and sides of the cutter-head housing in order to protect the surrounding areas from debris.</p>	_____
10.11	Carbide drag plate	<p>Replaceable carbide drag plate mounted at the rear of the cutter-head housing in order to facilitate stopping of the unit as well as to control the speed during operation.</p>	_____
10.12	Battery	<p>12-volt battery capable of starting the engine and operating the clutch and actuator.</p> <p>Battery full enclosed in a heavy duty weather resistant box.</p>	_____
10.13	Fuel tank	<p>Approx. 6 gallon gasoline tank manufactured from unbreakable, shatter proof, non-metallic materials strapped to the frame and shielded by a metal guard that protects the front and corners of the tank.</p>	_____
10.14	Cutters	<p>Supplied with pins, spacers and complete set of wide hub carbide cutters including a depth control gauge allowing for a cut depth of 2 inches.</p>	_____

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 requirements shall be one (1) year parts and labor, **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: **Four to six (4-6) 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. _____

FORM N: DETAILED SPECIFICATIONS 15037

SAW (SOFF-CUT)

1.0 DESCRIPTION OF EQUIPMENT

- 1.1 These specifications describe a **Saw (Soff-Cut)** and other equipment and features as specified herein.
- 1.2 The **Saw (Soff-Cut)** shall be a new 2015 model year or newer.
- 1.3 The **Saw (Soff-Cut)** 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 **Saw (Soff-Cut)** 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 Eligible models are: **Husqvarna Soff-Cut 2500 or EQUIVALENT**

- 5.2 **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 **Saw (Soff-Cut)**, 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 **Saw (Soff-Cut)** 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 **Saw (Soff-Cut)** 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 **Saw (Soff-Cut)** of the type being offered.

10.0 **SPECIFICATIONS:**

10.1	Application	Capable of cutting concrete within the first 1 or 2 hours of finishing and before final set.	_____
10.2	Engine	11 HP air-cooled, 4-stroke OHV; with electronic remote key start and choke	_____
10.3	Air cleaner	Cyclone air cleaner	_____
10.4	Output RPM	Approx. 3200 RPM	_____
10.5	Charging system	10 amp regulated charging system.	_____
10.6	Drivetrain	Self-propelled with positraction drive, hydrostatic transmission and travel speed indicator.	_____
10.7	Axle diameter	Front approx. 19.05 mm Rear approx. 25.4 mm	_____
10.8	Primary wheel size	Outside diameter: approx. 101.6 Wheel width: approx. 76.2 Inner bore: 0mm	_____
10.9	Secondary wheel size	Outside diameter: 203 Wheel width: 76 Inner bore: 0mm	_____
10.10	Blade control	Electric remote	_____
10.11	Blade depth control	Switch-activated and retractable guide	_____
10.12	Diamond blade, max	Approx. 154 mm	_____
10.13	Max cutting depth	Approx. 38.1 mm	_____
10.14	Blade shaft diameter	Approx. 31.75 mm	_____
10.15	Blade flange	Approx. 108 mm	_____
10.16	Handle bars	Switch-activated electronic adjustable handles.	_____
10.17	Fuel tank	Approx. 6L	_____
10.18	Operating weight	Approx. 157 kg	_____

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 requirements shall be one (1) year parts and labor, **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 _____

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