

FORM A: BID
(See B8)

1. Contract Title SUPPLY AND INSTALLATION OF STEAMER BOILERS

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 INSTALLATION OF STEAMER BOILERS

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Supply & Installation of Steamer Boilers	16037	Each	10	

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 16037

STEAMER BOILER

1.0 DESCRIPTION OF EQUIPMENT

- 1.1 These specifications describe a Steamer Boiler and other equipment and features as specified herein.
- 1.2 The Steamer Boiler shall be a new 2016 model year or newer.
- 1.3 The Steamer Boiler 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 Steamer Boiler shall comply with the applicable regulations: The completed equipment shall meet all City of Winnipeg and Federal Safety Regulations and the (CSA) Canadian Safety Standards Association. The steamer boilers shall be certified by the Manitoba Department of Labour if required.
- 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 & MODEL

5.1 **SPECIFICATIONS- ELIGIBLE MODEL WASHEX M22 STEAMER BOILER OR EQUIVALENT IN ACCORDANCE TO B6. SUBSTITUTES.**

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 **Steamer Boiler**, 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 **Steamer Boiler** 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 **Steamer Boiler** 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.

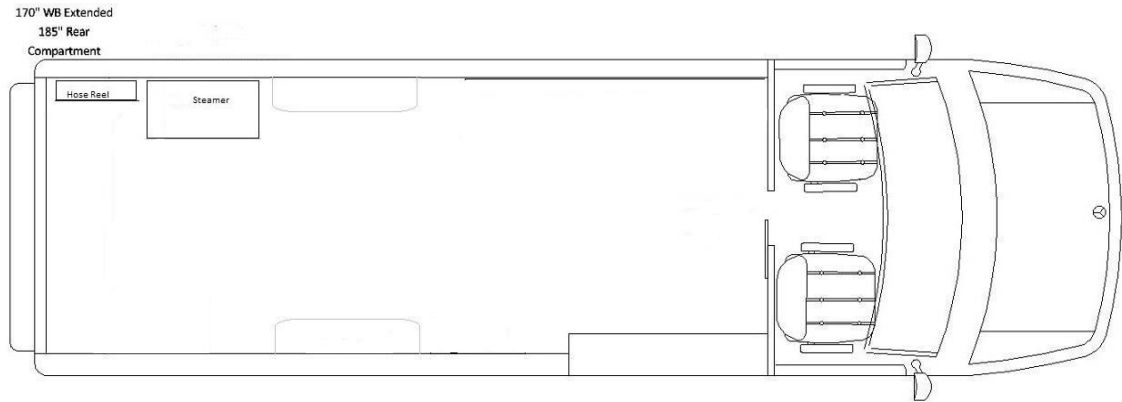
9.3 The Contractor shall have five (5) years continuous experience servicing, repairing and maintaining **Steamer Boiler** of the type being offered.

10.0 **SPECIFICATIONS**

**UTILITY VEHICLE
 SPECIFICATIONS**

- 10.1 The steamer boiler shall be installed in the following vehicle: _____
- 10.2 **2016 Mercedes Sprinter 3500 170 WB Ext Super High Roof Cargo Van** _____
- 3.0L V6 diesel engine
 - 170 in. wheelbase
 - 11000 lbs. GVWR, Super High Roof
 - Air conditioning (front only)
 - Equipped with second 280 amp alternator and additional battery for retrofit
 - Rear cargo doors double swing with windows
 - Cargo door-passenger side sliding door (no window)
 - With auxiliary fuel lines
- 10.3 **Location: Exact location to be determined during a pre-production meeting.** Tentative location approximately as per Drawing 1 Plan View (Cargo Area).
- 10.4 Performance Shall be capable of consistent top performance for thawing frozen culverts and catch basins during the winter and spring conditions which are normal to the City of Winnipeg. _____
- 10.5 Production 300⁰ F (149⁰ C) continuous steam production _____
- 10.6 BTU 380,000 BTU diesel fired heater _____
- 10.7 Water Tank 33 Gallon polypropylene water tank _____
- 10.8 Pump 250 PSI 12VDC positive displacement _____
- 10.9 Ignition Ignition detection system required _____
- 10.10 Steam valve 325⁰F, 225 PSI, steam valve _____
- 10.11 Voltage cord 120V cord required _____
- 10.12 Dimensions Approximately 18"W x 48"L (including water reservoir)
 Steamer 18"W x 34"L
 Tank 16"W x 12"L x 49"H _____
- 10.13 Hose Steam hose- 50 ft. of ½ in. ID steam hose, pressure and temperature rated for steamer. **State hose crimp specification** _____
- 10.14 Hose reel Stainless steel, with manual rewind _____
- 10.15 Drainage Fitting for draining the coil and addition of antifreeze required _____
- 10.16 **Drawing # 1: Plan View (Cargo Area)** _____

10.17



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 Steamer Boiler shall cover the complete equipment, and all parts thereof against any defects of workmanship, construction and materials, for a period **(1) one year, unlimited hours on complete unit, (3) three years on heat exchange coil no deductibles**. 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. _____

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: Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days. **State delivery time in weeks from arrival of vans for installation of the steamer boilers.** _____

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.
