

FORM A: BID
(See B8)

1. Contract Title SUPPLY AND INSTALLATION OF PICK-UP TRUCK MOUNTED SNOW PLOWS

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. 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 INSTALLATION OF PICK-UP TRUCK MOUNTED SNOW PLOWS

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Supply and Installation of Pick-up Truck Mounted Snow Plows	18085	Each	4	

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 18085

PICK-UP TRUCK MOUNTED SNOW PLOW

1. SCOPE

- 1.1 These specifications describe the supply & installation of V-plows to be installed on City owned pick-up trucks (see 10.1 for truck description). The plows shall be furnished complete and ready for use by the City. All parts not specifically mentioned, but which are required to complete and place the equipment into successful operation shall be furnished as though specifically mentioned in these specifications.
- 1.2 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.
- 1.3 Each bid will be evaluated based on adherence to all terms, conditions and requirements outlined in the Bid Opportunity.

2. 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.

Society of Automotive Engineers, SAE:

http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers

- 2.2 The completed unit and all its components, weight and lighting requirements shall comply with all CMVSS and Manitoba Highway Traffic Act regulations and requirements.

Canadian Motor Vehicle Safety Standards, CMVSS:

<https://www.tc.gc.ca/eng/acts-regulations/regulations-crc-c1038.htm>

The Highway Traffic Act: <http://web2.gov.mb.ca/laws/statutes/ccsm/h060e.php>

3. INSTRUCTION FOR COMPLETION OF SPECIFICATIONS

- 3.1 All items in these specifications must be answered indicating compliance or non-compliance. **Bidders shall state "yes" for compliance or state "deviation"**, or give a reply where requested to do so. Deviations shall be clearly stated and fully detailed. Alternatives will be considered subject to evaluation.
- 3.2 Each bidder is required to fill in every blank. **Failure to do so may be used as a basis for rejection of bid.**

4. QUALIFICATIONS OF MANUFACTURER / CONTRACTOR

- 4.1 The Manufacturer of the snow plow shall have demonstrated experience manufacturing snow plows of the type being offered.
- 4.2 The Contractor shall be a manufacturer or authorized distributor/supplier of snow plow equipment and shall have a minimum of five (5) years continuous experience installing the type equipment being bid.

5. SERVICE FACILITY

5.1 For the purpose of warranty repairs, the Contractor 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 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 on snow plow equipment, and general service capabilities. A description of the service facility shall be provided within three (3) Business Days upon request of the Contract Administrator.

5.2 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 2018: \$109.⁰⁰/hour and \$129.⁰⁰/hour for overtime and callout).

5.3 The Bidder shall choose and fill-in one of the Clauses listed below, i.e., 5.4 or 5.5.

5.4 Bidder's own facility location. **State** the location of the service facility.

5.5 Bidder elects to have warranty work be performed by the City of Winnipeg. Bidder shall provide all warranty authorization processes.

6. REFERENCES

6.1 Provide five (5) Canadian references where this equipment is used in a working environment where climatic conditions are similar to the City of Winnipeg.

7. MAKE AND MODEL

7.1 STATE MAKE & MODEL BEING BID: _____

8. PERFORMANCE

8.1 Shall be a heavy duty, truck mounted V-plow with a hinged centre that allows the plow to be transformed into a straight blade, scoop, or V-plow with left and right hydraulic angling features. The plow shall be equipped with a quick attach hitch enabling the plow to mount and dismount quickly and efficiently. The plow shall be capable of top performance during the winter environment which is normal to the City of Winnipeg.

9. SPECIFICATIONS

9.1 Configuration – V-plow with hinged centre to allow the unit to configure to a straight blade, scoop, or V-plow configuration.

- 9.2 Plow weight – 700 lbs. approx., **state**. _____
- 9.2.1 Hitch plate and mount – 75 lbs. approx., **state** weight. _____
- 9.3 Blade width, straight – 90 in. approx., **state**. _____
- 9.3.1 Blade width, “V” mode – 82 in. approx., **state**. _____
- 9.3.2 Blade width, scoop – 74 in. approx., **state**. _____
- 9.3.3 Plowing width @ 30° angle – 76 in. approx., **state**. _____
- 9.4 Blade height – 30 in. approx., **state**. _____
- 9.5 Blade material and thickness – 14-ga high strength steel or $\frac{3}{8}$ in. poly equivalent. _____
- 9.6 Cutting edge – steel, $\frac{1}{2}$ " x 6", bolt-on, replaceable. _____
- 9.7 Reinforcement ribs – six (6) vertical, two (2) diagonal. _____
- 9.8 Plow shoes – required. _____
- 9.9 Trip springs – four (4) required. _____
- 9.10 Snow deflector – top mounted, heavy duty rubber or poly material, specifically designed for the make and model of snow plow being bid. _____
- 9.11 Angle cylinders – two (2), nominal $1\frac{1}{2}$ " x 10". _____
- 9.12 Lift cylinder – 2" x $1\frac{1}{8}$ " x 10" approx., locking type. _____
- 9.13 Attachment system – shall allow for quick and easy mount and dismount of the snow plow. The system shall include a “plug-in” wiring harness, and a spring loaded sliding lock pin system. State details of mounting system. _____

- 9.14 Controls – hand-held electronic controller c/w all plow functions, including up-down, left-right, V-plow, scoop and straight blade functions. _____
- 9.15 Hydraulics – high performance hydraulic package including fully enclosed pump and valve assembly, located to be protected from damage. _____
- 9.16 Finish – all metal components shall be coated with a zinc primer with powder-coated finish. _____
- 9.17 Ballast – **state** if ballast is required and the weight of counterweight for the make and model of plow being bid. _____

Note: No ballast is preferred, however, if a ballast is required, the unit shall be supplied with a ballast retainer kit installed in the rear of the truck bed including the counterweight. The plows will not be accepted

if the front GAWR has been exceeded. (See 13.4).

10. INSTALLATION

10.1 The plows shall be mounted on the following City of Winnipeg Units:

2018 Ford F-250XL

- City Unit Numbers 1308927 and 1308928
- Extended Cab
- 6.2L V-8 Gasoline Engine
- 6½ ft. box
- 4wd
- Snow Plow Prep Package
- 5,600 lbs. Front GAWR
- 9900 lbs. GVWR

2018 Ford F-250XL

- City Unit Numbers 1308935 and 1308994
- Crew Cab
- 6.2L V-8 Gasoline Engine
- 8 ft. box
- 4wd
- Snow Plow Prep Package
- 5,600 lbs. Front GAWR
- 9900 lbs. GVWR

11. ELECTRICAL AND LIGHTING

- 11.1 Plow lights – LED lights, securely mounted to snowplow c/w high beam, low beam and daytime running lights. _____
- 11.2 Lighting harness – durable, weatherproof plug-in connector for plow lights. _____
- 11.3 Power supply wired through continuous duty solenoid. _____
- 11.4 3-Light cluster – Truck-Lite Identification Bar 35740R or equivalent, installed below tailgate and above rear bumper. _____
- 11.5 All wiring installed by plow manufacturer/installer shall be colour coded, loomed, properly secured, neatly routed, and protected from damage. _____
- 11.6 All joining of wires shall be soldered and sealed using heat shrink tubing (crimp-on electrical connectors for joining wires is not acceptable). _____
- 11.7 Any holes required to run wires through shall be drilled (not punched), grommeted and sealed as necessary. _____

12. MANUALS

- 12.1 The following manuals shall be supplied with the unit when delivered. Manuals shall be in English and shall cover the complete equipment. _____
- 12.2 Operator’s manual – one (1) required per plow truck plus one (1) extra manual which shall be sent to the City of Winnipeg Training Branch (see D12.6 for Training Branch contact). _____

- 12.3 Parts, repair and technical service manuals including preventative maintenance schedules for life of the unit – CDs or online preferred, three (3) sets required.
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13. PICK-UP AND DELIVERY

- 13.1 Pick-up – the Contractor shall be responsible for picking-up the vehicles from the City upon commencement of the Contract. The vehicles will be available for pick-up at the Winnipeg Fleet Management Agency, 185 Tecumseh St., Winnipeg, Manitoba. Pick-up times will be between 8:00 am and 2:00pm on any Business Day. The Contractor shall be responsible for any related fuel costs to and from their facility.
-

- 13.2 Delivery – the unit shall be serviced, ready for operation, fully fuelled and delivered F.O.B. with the freight prepaid to the Winnipeg Fleet Management Agency, 185 Tecumseh Street, Winnipeg, Manitoba within **four (4) calendar weeks** from the date of award of Contract. The Contractor shall contact the Contract Administrator prior to delivery of the equipment. Equipment shall be delivered within 8:00am and 2:00pm on Business Days.
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- 13.3 A pre-delivery inspection shall be performed by the Contractor on all equipment.
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- 13.4 Weigh scale ticket – each unit shall be delivered with a certified weigh scale ticket including front and rear axle loads with two (2) operators, fully fuelled, and the plow in the transport position.
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14. PERFORMANCE RELIABILITY

- 14.1 The responsibility for the design of the complete aerial device vehicle, its performance, and reliability shall rest upon the Contractor.
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- 14.2 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 equipment inoperative, or requiring repeated shop correction, service, and/or replacement during the Warranty period applicable for said component, subassembly, or 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 schedules.
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- 14.2.1 Where the equipment develops “repeated failures” in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance.
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15. WARRANTY

- 15.1 The Contractor shall warrant **all equipment** (excluding consumables) and all parts thereof, against any defects of workmanship, construction and materials, and agrees to repair or replace without cost to the City any article that has become defective and not proven to have been caused by negligence on the part of the user within **two (2) years** from the date the equipment is put into service by the City of Winnipeg.
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