

**CITY OF GREAT FALLS**  
**INFORMATION FOR BIDDERS AND SPECIFICATIONS FOR**  
**ONE NEW 2016 COMBINATION BROOM & VACUUM STREET SWEEPER**

**INFORMATION FOR BIDDERS**

1.1 **Bids:** All bids shall be made on the attached forms provided by the City of Great Falls (City). All bids shall be legibly written in ink.

1.2 **Delivery of Bid:** Each bid must be signed and submitted in a sealed envelope. Envelope containing bid shall be addressed to the City Clerk, 2 Park Drive South, Civic Center Room 204, Great Falls, MT 59401, and plainly marked on the outside with the statement, "Bid for One New 2016 Combination Broom & Vacuum Street Sweeper." Signed and sealed bids are due no later than 1:00 pm, Wednesday, March 2, 2016. Bids will be opened in the Civic Center Rainbow Room at 1:00 pm, Wednesday, March 2, 2016.

1.3 **Bid and Performance Guarantee:** Bids must be accompanied by a cashier's check, certified check, or bank money order and issued by a national banking association located in the State of Montana, or by any banking corporation incorporated in the State of Montana; or by a bid bond or bonds executed by the Surety Corporation authorized to do business in the State of Montana in the amount of ten percent (10%) of the amount of the bid as a guarantee will be returned to bidder.

1.4 **Rejection of Bid:** The City of Great Falls reserves the right to reject any and all bids or to accept any bid deemed to be in the best interest of the City of Great Falls.

**SPECIFICATIONS FOR NEW 2016 COMBINATION  
BROOM & VACUUM STREET SWEEPER**

The following specifications describe one 2016 Combination Broom and Vacuum Street Sweeper meeting or exceeding all the following specifications. Any deletions or variations from the following specifications must be noted and explained. These specifications shall be construed as minimums. Any vendor choosing to bid more than one model, must do so on a complete and separate set of specifications. A response is required for each and every item. Incomplete bids may be rejected.

**I. TRUCK:**

**A. CAB:**

1. Cab-over engine type with a hydraulic tilt-over
2. Safety, tinted glass on all windows and windshield
3. Heater: fresh air with recirculation
4. Sun visors and arm rests: right and left
5. Seats: both air ride control, bucket type, cloth. Air pressure from air compressor -- manual pump not acceptable.
6. Seat belts: shoulder type, three point retracting
7. Sound insulation: cab interior and firewall. Sound level inside cab less than 84 dB(A).
8. Gauges (cab mounted): including tachometer, hour meter, fuel level, water tank level (with low water audio warning), coolant temperature, oil pressure, ammeter or volt meter, speedometer and odometer.
9. Air conditioning and pressurization system
10. Windshield wipers: two speed, intermittent control, and washers
11. AM/FM radio with noise suppression kit
12. Anti-skid cab access steps and safety grab handles
13. Mirrors outside: west coast type with 4-way tilt, electric power adjust 6 X 16 inches with 10 inch convex mirrors mounted on bottom of each mirror

<b>Meets or Exceeds YES or NO</b>	<b>Exception to Specifications</b>
<input type="checkbox"/>	
<input type="checkbox"/>	<u>NO EXCEPTIONS</u>
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	<u>NO EXCEPTIONS</u>
<input type="checkbox"/>	

## I. TRUCK (continued):

**A. CAB (continued):**

14. Full width rubber floor mat and headliner
15. Step & hand grip for cleaning outside of windshield
16. Swivel console
17. Turn indicators: with automatic cancelers and four-way flashers on both steering wheels
18. Electrical accessory plug
19. Alarm: audible and visual for low engine oil pressure or high engine coolant temperature
20. Warning lights: two revolving, one cab mounted and one mounted top back of hopper  
Both with limb guards. Cab marker lights
21. Dual control with either side steering
22. All controls (sweeping and driving) accessible from either side driving position

**Meets or  
Exceeds  
YES or NO      Exception  
to  
Specifications**

	
	
	
	
	
	
	
	
	
	
	

## B. ENGINE:

1. Cummins or Cat Engine, 330 HP minimum
2. Filters: oil, fuel, dry type air filter with pop-out type restriction indicator
3. Engine Heater: 1,500 watt, soft plug type. Electrical cable to extend through front of grill
4. Fuel/water separator Racor 225R
5. Automatic circuit breakers
6. Antifreeze: permanent type to 40 degrees F below zero
7. Fuel tank: 50 gallons minimum
8. Battery: 600 CCA
9. Alternator: 90 amp
10. Cooling system: heavy duty
11. Cold weather starting aid

## C. DRIVELINE/CHASSIS:

1. Transmission: automatic, four forward speeds
2. Transmission oil cooler
3. Rear axle: Final ratio not to exceed 55 mph in highest gear. Lower sweeping gear to avoid having to "ride brakes"
4. Heavy-duty, full-width steel front bumper with rubber pads
5. Two front tow hooks or tow pin
6. Axle capacities:
  - a. front 12,000 lb
  - b. rear 20,000 lb

The image contains four identical sets of horizontal lines for handwriting practice. Each set includes a top horizontal line, a middle horizontal line, and a bottom horizontal line. A vertical line segment connects the middle and bottom lines, serving as a midline and a guide for the placement of a dot. The sets are evenly spaced vertically.

## I. TRUCK (continued):

## II. SWEEPER (continued):

<u>Meets or Exceeds</u>	<u>Exception to Specifications</u>
<u>YES or NO</u>	

D. BROOMS:

## 1. Transfer broom:

- a. Hydraulic Motor Driven with relief
- b. Poly Main Broom

## 2. Gutter brooms:

- a. hydraulically driven and hydraulically or pneumatically positioned from inside of cab (broom angle).
- b. sealed bearing wheels on suction heads
- c. automated return to initial sweeping position
- d. lighted position indicator in cab
- e. six-way control (in/out, up/down, forward/rearward)
- f. vertical digger type
- g. lighted with adjustable lights
- h. dual gutter brooms, 28-inch diameter minimum
- i. bristles: oil tempered steel with refillable poly prefab sections, enough extra sections to make four complete gutter brooms

E. BLOWER:

- 1. Minimum 12,000 cfm capacity
- 2. Impeller blades must be made of steel. Inside of blower housing to be rubber lined for extended life
- 3. Vacuum rating at suction nozzle 48 inches minimum negative pressure
- 4. Suction nozzle: shutter opener operated from cab to allow entry of larger objects

F. WATER SYSTEM:

- 1. Pressurized system
- 2. Tank:
  - a. Capacity: 335 gallons minimum
  - b. Construction: non-corrosive material
  - c. Fill gauge
- 3. Fill hose: 2 1/2 inch diameter, 20 foot length with female screw end for hydrant on one end, female quick coupler on other end. Male quick coupler attached to sweeper
- 4. Spray nozzles: Quick change. Located front of gutter brooms (2 each) and main broom (4 each) and in each suction nozzle (4 each)
- 5. Variable flow controls from cab for each broom and suction head
- 6. Pump: 40 psi with water strainer outside sweeper body. Primer for pump

**II. SWEEPER (continued):**

	<b>Meets or Exceeds</b>	<b>Exception to</b>
	<b>YES or NO</b>	<b>Specifications</b>

**F. WATER SYSTEM (continued):**

7. Wash down hose: 25 feet X 1 inch, on retracting end. Separate 1,200 psi wash down pump.

\_\_\_\_\_

8. Water lines nonferrous or stainless steel

\_\_\_\_\_

**G. MISCELLANEOUS:**

1. Backup alarm

2. Fire extinguisher: Amerex or General Fire 10 lb A.B.C. installed with adjustable heavy-duty mounting brackets UL rated 4A:60 BC. Valve body heavy aluminum or brass

3. Color: gloss white

4. Unit must meet all ICC, Federal, State requirements

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**H. SWEEPER MANUALS (CD ROM Version Preferred):**

1. One owner-operator

2. One complete set service, repair, and parts manuals

3. One complete electrical schematic

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**III. GENERAL:**

**A. TRAINING:** Four hours operator and service training to be provided at the City of Great Falls Public Works Complex

\_\_\_\_\_

**B. DEMONSTRATION:** The City may require before the award of any bid, a demonstration for two City personnel of the unit bid, at no additional cost to the City of Great Falls.

\_\_\_\_\_

**C. DELIVERY:**

1. The Complete unit (F.O.B. City Public Works Complex, Great Falls, Montana) shall be delivered within 240 calendar days after the date of the City Purchase Order

\_\_\_\_\_

2. A late delivery penalty of \$100.00 per City workday shall be deducted from the purchase price

\_\_\_\_\_

**D. USER LIST OF TRUCK CHASSIS BID:** Bidder to supply a list of three or more users of the current model of the unit bid with address and telephone number.

NAME

ADDRESS

TELEPHONE

(   ) -

(   ) -

(   ) -

**E. USERS LIST OF SWEEPER BID:** Bidder to supply a list of three or more users of the current model of the unit bid with address and telephone number.

NAME

ADDRESS

TELEPHONE

(   ) -

(   ) -

(   ) -

**III. GENERAL (continued):**

**F. COMPLETE UNIT SERVICE & WARRANTY:** State warranty terms and conditions including those of other manufacturers if applicable:

TRUCK CHASSIS: \_\_\_\_\_

ENGINE: \_\_\_\_\_

TRANSMISSION: \_\_\_\_\_

SWEEPER: \_\_\_\_\_

(Warranty period will begin upon acceptance by the City -- not upon delivery)

**Bidder must indicate one location within the City of Great Falls other than the City Shop, where units are to be taken for warranty service. The successful bidder will be responsible for ensuring all warranty work is accomplished. This obligation will not be transferred. (No Exceptions)**

**LOCATION:** \_\_\_\_\_

**G. BID PRICE (F.O.B. City Shop Complex, 1025 25th Ave NE):**

1. Initial bid price for one unit: \$ \_\_\_\_\_

2. Trade-in allowance (optional) is to be considered on the vehicle listed below. Trade-in provision is optional for the bidder and the City. Units can be inspected at the City Shop Complex from 8:00 a.m. to 4:00 p.m., Monday through Friday by making an appointment (406) 771-1401, Ext. 104. Trade-ins will not be released until new units is received, inspected by City personnel and is operating.

2002 Elgin Whirlwind (840) 49HAADBV53DK98851 LIC. 2-2118      \$ \_\_\_\_\_  
\$ \_\_\_\_\_

3. Net bid price for one unit with any trade-in: \$ \_\_\_\_\_  
(Bid award will be based on III. G. 1. or III. G. 3.)

MAKE OF VEHICLE: \_\_\_\_\_ MODEL: \_\_\_\_\_

NAME OF COMPANY	ADDRESS	TELEPHONE
(      ) -		

PREPARED BY: \_\_\_\_\_  
(Printed or typed name and position)      (Signature)      (Date)

**NOTES:**

All parts and accessories which are required to constitute a complete working unit shall be furnished whether herein stipulated or not. The unit shall be new and of the latest model and design in standard production. All equipment catalogued as standard shall be furnished and included in the purchase price. Only new models in current production which are catalogued by manufacturer or for which manufacturer's published literature and specifications are available will be considered.

The City reserves the right to accept or reject the bids in the best interest of the City. The City reserves the right to waive informalities and irregularities in any bid submitted, to reject non-conforming, non-responsive or conditional bids, to correct arithmetic errors without changing unit price, and postpone awarding of the contract for a period not exceeding sixty (60) days.

Winning bidder must have dealer certified service center that includes parts, service and warranty within 20 miles of City of Great Falls.

Payment will not be made until the unit is received at the City Shop, checked by City personnel and any and all discrepancies are corrected.

Vendor shall list any exceptions to these specifications. Vendor will supply all manuals with unit at time of delivery.

The City of Great Falls reserves the right to determine products of equal value or quality. Vendors will not be allowed to make unauthorized substitutions after the award is made.

If there are any questions, please contact Doug Alm, Vehicle Maintenance Supervisor, PO Box 5021, Great Falls, Montana 59403, or (406) 771-1401, Ext 106.

## BID FOR FURNISHING ONE NEW 2016 COMBINATION BROOM & VACUUM STREET SWEEPER

The undersigned bidder having examined the specifications for bid, hereby proposes to provide one 2016 combination broom and vacuum street sweeper to the City of Great Falls, Montana, complete in accordance with the information for bidders and specifications on file in the office of the City of Great Falls Sanitation Division for the prices quoted in this bid.

The undersigned bidder further agrees that the only persons or parties interested in this bid are in all respects fair and without fraud; that it is made without collusion with any officials or employees of the City of Great Falls, and that the bid is made without any connection or collusion with any person making another bid.

Enclosed herewith is a \_\_\_\_\_ as a bid and performance guarantee, in the amount of ten percent of bid, or \_\_\_\_\_ dollars, (\$\_\_\_\_\_) which the undersigned agrees is to be forfeited to and become the property of the City of Great Falls as liquidated damages, should this bid be accepted by the City of Great Falls and awarded to bidder and bidder fails to supply the vehicles/equipment in the form prescribed, but otherwise the bid and performance guarantee shall be returned to the undersigned upon satisfying the terms of this Bid and Information for Bidders and Specifications for One New 2016 Combination Broom & Vacuum Street Sweeper.

The undersigned bidder further agrees that, pursuant to Montana Code Ann. 18-1-102, the City is required to provide purchasing preferences to resident Montana vendors and/or for products made in Montana against the bid of a nonresident if the state of the nonresident enforces a preference for residents.

In submitting this bid, it is understood that the City of Great Falls reserves the right to reject any and all bids, to delete certain items, and to postpone award for a reasonable time.

The undersigned bidder certifies that he understands and accepts the manner of payment of the cost of materials for this bid item.

The undersigned bidder certifies that he has received and duly considered the following Addenda to the specifications:

Addenda: No. \_\_\_\_\_ Dated \_\_\_\_\_  
Addenda: No. \_\_\_\_\_ Dated \_\_\_\_\_  
Addenda: No. \_\_\_\_\_ Dated \_\_\_\_\_  
Addenda: No. \_\_\_\_\_ Dated \_\_\_\_\_

Bid Submitted by: \_\_\_\_\_  
(Name of Company)

Authorized Signatur: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 2016.

State of \_\_\_\_\_

)ss

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2016, before me a Notary Public for the State of \_\_\_\_\_, personally appeared \_\_\_\_\_ known to me to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal the day, month, and year first above written.

\_\_\_\_\_  
Notary Public for the State of: \_\_\_\_\_

\_\_\_\_\_  
Printed Name: \_\_\_\_\_

(SEAL) \_\_\_\_\_  
Residing at: \_\_\_\_\_

\_\_\_\_\_  
My Commission Expires: \_\_\_\_\_