



City of Westbrook

DEPARTMENT OF PUBLIC SERVICES

Thomas Eldridge
Director

371 Saco Street

Westbrook, Maine 04092

(207) 854-0660

Fax: (207) 854-0672

CITY OF WESTBROOK, MAINE

PUBLIC SERVICES DEPARTMENT

INVITATION FOR BIDS

CITY OF WESTBROOK, MAINE

PUBLIC SERVICES DEPARTMENT

Sealed bids will be received in the Office of the City Clerk, 2 York Street, Westbrook, Maine 04092 until **September 12, 2012 @ 1:00 PM** when they will be publicly opened and read for one:

STREET SWEEPER

Additional copies of the bid package may be obtained at the City Clerk's office, (207) 854-9105.

Jerre Bryant
Administrative Assistant



City of Westbrook

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LEGAL ADVERTISEMENT

CITY of WESTBROOK, MAINE PUBLIC SERVICES DEPARTMENT

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TRADE IN

One 2004 Johnston three wheel mechanical sweeper, Vin # 1J9VM3H654C172036 with 3050 hours. Unit maybe viewed upon request at Westbrook Public Services, 371 Saco Street, Westbrook, Maine 04092. Contact **Paul Burrows** at **591-8136** to schedule a viewing between the hours of 7:00am and 3:00pm Monday through Friday.

BID FORM

NEW STREET SWEEPER

We the undersign agree to furnish **The City of Westbrook** with the equipment described in the preceding specifications, which are incorporated as part of this proposal at the following price and delivery date. This form may be copied to allow for multiple vehicle proposals. **If vendor offers a waterless sweeper please include that price on a separate form.**

MANUFACTURER: _____ MODEL: _____ YEAR: _____

ENGINE SIZE: _____ COLOR: _____

DELIVERY DATE: _____

PRICE WITH TRADE: _____

PRICE WITHOUT TRADE: _____

WARRANTY: _____

COMPANY: _____

ADDRESS: _____

CITY / TOWN: _____ STATE: _____

TELEPHONE: _____ FAX: _____

AUTHORIZED SIGNATURE: _____

TITLE: _____

CITY OF WESTBROOK, MAINE
INSTRUCTIONS AND GENERAL CONDITIONS TO BIDDERS

1. SUBMISSIONS OF PROPOSALS:

Bids shall be submitted on the **BID FORM** provided in the Bid Package in a sealed envelope marked clearly on the outside:

STREET SWEEPER

The envelope shall be addressed to City of Westbrook, ATTN: Lynda Adams, 2 York Street, Westbrook, Maine 04092.

Any questions concerning the bid should be addressed to **Paul Burrows**, Vehicle Garage Supervisor @ (207) 591-8136 during the hours of 7:00 A.M. - 3:00 P.M.

2. WARRANTIES, BROCHURE, MANUALS:

All warranties and a descriptive brochure describing the equipment shall be enclosed in the proposal. One complete service and parts manual for the equipment proposed is to be submitted to the **City** at the time of delivery. The contractor shall state the warranty period for labor and equipment on the bid form.

3. DISCOUNTS:

The City of Westbrook pays its accounts in full within a thirty (30) day period following satisfactory completion of the contract and receipt of bills for all items covered by the City's purchase order. In submitting bids under these specifications, bidders should take into account all discounts allowed in accordance with the above payment policy.

4. EXEMPTION FROM TAXES:

The City is exempt from payment of federal excise taxes on articles not for resale, federal transportation tax on all shipments, and Maine State sales tax and use tax. All bidders should quote a net price exclusive of these taxes for work performed for the **City of Westbrook**.

5. TRANSPORTATION CHARGES:

All transportation and delivery charges including expenses for freight, transfer, mail, etc, shall be prepaid and be at the expense of the **BIDDER** unless otherwise specified in the bid. The bid price shall include all installation charges.

6. STANDARDS:

All equipment proposed shall be new and the latest model. The dealer shall state in the bid the name and model number of the equipment being offered and include with the bid a catalog or brochure marked to indicate the equipment being bid.

There shall be, **within the State of Maine area**, an authorized repair service which shall maintain a stock of spare parts for any make of equipment that a bidder offers in this bid.

7. EXCEPTIONS or ADDITIONAL FEATURES:

Any exceptions to these bid requirements and specifications shall be clearly indicated by the bidder on a separate sheet of paper. In the absence of clearly noted exceptions, bidders will be obligated to comply with all the provisions contained herein. Any equivalent features and any additional features to those described in the specifications shall be so noted in the bid.

8. DAMAGE REPAIR:

The **BIDDER** shall be held responsible for repairing, at their sole cost and expense, any and all damages to City or private property resulting from the work to be performed.

9. SAFETY REGULATIONS:

The **BIDDER** will at times, comply with the safety regulations set forth by the Occupational Safety and Health Administration.

10. DEFAULT:

In case of default by the bidder, the City of Westbrook reserves the right to procure the contract services from other sources and charge any excess cost occasioned by thereby to the **BIDDER**.

11. ADDENDUM:

Should a **BIDDER** find discrepancies in or omissions from the specifications or other contract documents, or should a **BIDDER** be in doubt as to their meaning, the **BIDDER** shall at once contact or notify Ken Gardner at 207-854-0660

12. BID OPENING:

All bids will be opened publicly and **BIDDERS** or their representatives may be present at the bid opening. The bids will be available for public inspection after opening but the City abstracts will not be prepared for distribution.

13. TERM OF BID:

The bid shall meet all the listed specifications. No **BIDDER** may withdraw a proposal for a period of sixty (60) days after the actual date of opening. The City Council is required to give two (2) readings on the accepted bid before the award is made.

14. AWARD OF CONTRACT:

Award will be made to the lowest responsible BIDDER, taking into consideration the quality of the product or services; conformance with the specifications and intended purpose; delivery time; ultimate cost to the City and with the overall recommendation from the Director of Public Services. Sale is subject to City Council authorization by two affirmative votes or readings at two meetings of the council.

STREET SWEEPER

All parts and components must be of new materials and the bidder shall furnish complete job ready equipment that shall conform in strength, quality, and workmanship to what is provided in general by the commercial manufacturing industry. All items appearing in the bidder's regular published specifications are assumed to be included in the bidder's proposal. The following specifications shall be the minimum requirements and the equipment bid on shall be the manufacturer's latest model and design. Also, the bid item comply Maine and Federal laws. All specifications, dimensions and ratings must conform to or exceed S.A.E. specifications where applicable.

INTENT:

It is not the intent of these specifications to favor any one manufacturer and, therefore, should not be considered restrictive. It is intended, however, to derive acceptable performance criteria. The model bid must have been in production and available to the general public for a period of not less than five years.

All items appearing in the bidder's regular published specifications shall be included in the bidder's proposal.

The following specification shall be the minimum requirements and the equipment bid shall be manufacture's latest model and design.

There shall be, within the State of Maine, an authorized repair service center which shall maintain a stock of spare parts for any make of equipment that the bidder's offers in this proposal.

The City of Westbrook reserves the right to reject any and all bids when deemed to be in the best interest of the City, to waive any minor discrepancy in the bid specification and to inspect the equipment at the bidder's establishment prior to delivery.

**TECHNICAL SPECIFICATIONS
FOR
THREE WHEEL BROOM STREET SWEEPER WITH CONVEYOR**

COMPLY
Yes No

1.0 CHASSIS

- 1.1 Preferred configuration shall be three wheel sweeper _____ _____
- 1.2 For safety, steering strut shall have dual tires. Single tire steer wheels shall not be acceptable in case of flat tire. _____ _____
- 1.3 To protect the target vehicle receiving the hopper discharge, sweeper shall have permanently fixed heavy duty steel bumpers with rubber padding, capable of limiting the movement of the sweeper before the sweeper drive wheels or chassis can impact the target vehicle. _____ _____
- 1.4 For maximum strength, chassis shall be fully welded; formed channel and boxed tube style. Bolt together chassis shall not be acceptable due to limited structural strength. _____ _____
- 1.5 Chassis shall have front and rear tow hooks. _____ _____
- 1.6 Engine compartment cover shall have two raising assist cylinders. _____ _____
- 1.7 Cab interior environment shall be fully conditioned by fresh air heater / pressurizer / defroster with adjustable vents. _____ _____
- 1.8 No portion of the air conditioning system shall protrude above the cab roofline and maintain temperature with less than 5 degree change from feet to head. _____ _____

COMPLY
Yes No

2.0 CHASSIS ENGINE

- 2.1 Diesel engine shall be 4 cylinder, turbocharged, dynamically counter balanced, 276 cu/in. (John Deere 4045T or equal). _____ _____
- 2.2 Horsepower rating shall be a minimum 99 HP @ 2500 RPM. _____ _____
- 2.3 Engine shall be rubber mounted. _____ _____
- 2.4 For greater heat dissipation and lower cost of maintenance, engine shall have individually replaceable wet sleeve cylinder liners. _____ _____
- 2.5 Air cleaner shall be dual element safety dry-type. _____ _____
- 2.6 Anti-freeze/water mixture shall be rated at -20 degrees. _____ _____
- 2.7 Diesel fuel tank shall have a minimum capacity of 35 U.S. gallons. _____ _____

- 2.8 For operator safety in the event of engine cutout, steering system shall have a manual override. _____
- 2.9 An engine shutdown shall be included which protects against damage when either low oil pressure or high coolant temperature conditions occur. _____
- 2.10 The engine shall be equipped with the following enhancements; block heater, cold weather start aid, fuel water separator, and air pre-cleaner. _____
- 2.11 Silicone hoses will be used on all coolant and heating engine hoses _____

COMPLY
Yes No

3.0 HYDROSTATIC TRANSMISSION

- 3.1 Pump shall be variable displacement with separate variable displacement wheel drive motors. _____
- 3.2 Power shall be evenly distributed through planetary torque hubs. _____
- 3.3 Power shall be transferred from wheel drive motors to planetary torque hubs without side loading. _____
- 3.4 Single foot pedal shall automatically produce required torque at a set pressure. _____
- 3.5 To prevent the possibility of contamination and the resulting damage to the transmission system, transmission shall be protected by 10 micron filter with cab restriction indicator. _____
- 3.6 Single foot pedal shall control both forward and reverse directions. _____

COMPLY
Yes No

4.0 TIRES AND WHEELS

- 4.1 Front drive tires shall be tubeless radial tires, 11R22.5 (14 Ply Rated) mounted on disc wheels. _____
- 4.2 Dual rear tires shall be tubeless radial tires, 10R17.5 (16 Ply Rated) 15 mounted on disc wheels. _____
- 4.3 To reduce chassis fatigue, sweeper shall be equipped with fully sprung guide wheel strut utilizing two large heavy duty springs. _____

COMPLY
Yes No

5.0 BRAKES

- | | | | |
|-----|--|-------|-------|
| 5.1 | Service brakes shall be full power, hydraulically applied, three-caliper disk type. | _____ | _____ |
| 5.2 | For safety, the hydrostatic system shall be equipped with a priority relief valve to enable the sweeper to gradually coast to a stop when the accelerator pedal is released. | _____ | _____ |
| 5.3 | For safety, loss of engine power shall not automatically engage brakes. | _____ | _____ |
| 5.4 | For safety, loss of hydraulic power shall not automatically engage brakes. | _____ | _____ |
| 5.5 | For safety, neither brake engagement nor disengagement shall be dependent upon the engine running. | _____ | _____ |
| 5.6 | For safety, neither brake engagement nor disengagement shall be dependent on any electrical circuit. | _____ | _____ |
| 5.7 | To safely provide redundancy, parking brake shall be positively and mechanically applied to drive axle. | _____ | _____ |
| 5.8 | Neither parking brake engagement nor disengagement shall be dependent on any electrical circuit. | _____ | _____ |

6.0 CAB

COMPLY
Yes No

- | | | | |
|-----|---|-------|-------|
| 6.1 | To maximize operator visibility, cab glass area shall be not less than 6,000 square inches. | _____ | _____ |
| 6.2 | For safety and maximum operator visibility, door windows shall have sliding upper windows. | _____ | _____ |
| 6.3 | Front windows shall be tinted. | _____ | _____ |
| 6.4 | For operator safety, cab doors shall be rear opening (hinged at front). | _____ | _____ |
| 6.5 | Sweeper shall include two (2) outside west coast type mirrors and two (2) 12" convex mirrors | _____ | _____ |
| 6.6 | To maximize operator visibility, outside mirrors shall be mounted forward of the cab enclosure. | _____ | _____ |
| 6.7 | For safety during night sweeping, rocker switches shall be internally illuminated so that they can be readily identified without the use of the cab dome light. | _____ | _____ |
| 6.8 | Windshield wiper shall be two speeds intermittent with washer. | _____ | _____ |

- 6.9 Interior of cab shall be lined with acoustical insulation, have automotive type trim. _____
- 6.10 Dash shall be faced with soft molded plastic. _____
- 6.11 There shall be a soft textured steering wheel with center horn at the operator position with tilt and telescopic steering wheel for safer operation _____
- 6.12 Sweeper shall have an automatic electronic back-up alarm. _____
- 6.13 Sound levels within the cab shall not exceed OSHA standards. _____
- 6.14 Door latch systems shall be FMVSS approved. _____
- 6.15 Doors and ignition shall be keyed alike. _____
- 6.16 An am/fm cd player shall be installed. _____

COMPLY
Yes No

7.0 SIDE BROOMS

- 7.1 Side broom shall be hydraulic, direct drive, vertical digger type mounted on right and left sides. _____
- 7.2 To provide flexibility for varying sweeping conditions, broom speed shall be variable,(90 RPM to 160 RPM), by operator from cab while moving independent of sweeping speed. _____
- 7.3 Broom down pressure shall be adjustable by operator from the cab while sweeping. _____
- 7.4 Each broom shall consist of four (4) replaceable plastic segments, filled with 26" long tempered wire. _____
- 7.5 Broom diameter shall be not less than 36", protruding not less than 13" beyond outside of tire while sweeping. _____
- 7.6 The right and left hand side brooms shall tilt by means of controls within the cab in order to provide superior curb line digging ability _____

COMPLY
Yes No

8.0 MAIN BROOM

- | | | | |
|-----|--|-------|-------|
| 8.1 | Broom shall be hydraulic, direct drive, not less than 30" diameter and not less than 58" long. | _____ | _____ |
| 8.2 | To provide flexibility for varying sweeping conditions, broom speed shall be variable, (80 RPM to 140 RPM), by operator from cab while moving independent of sweeping speed. | _____ | _____ |
| 8.3 | Broom shall be prefab disposable type, filled with polypropylene. | _____ | _____ |
| 8.4 | Broom shall be double wrapped at both ends. | _____ | _____ |
| 8.5 | Sweeping path shall be not less than 7 feet wide with one gutter broom activated. | _____ | _____ |

9.0 CONVEYOR

COMPLY
Yes No

- | | | | |
|-----|---|-------|-------|
| 9.1 | Conveyor with Chevron style cleats and sipes shall be hydraulically driven and able to load hopper to 100% of rated useable capacity. | _____ | _____ |
| 9.2 | Conveyor shall be reversible in direction without stopping or reversing any broom. | _____ | _____ |
| 9.3 | Conveyor shall be capable of effectively sweeping debris of varying sizes (from large bulky trash 6" in height to fine sand) without the need to make any adjustments to the conveyor system. | _____ | _____ |
| | <u>Unit will be equipped with a conveyor stall alarm.</u> | | |
| 9.4 | To reduce wear on all conveyance components, a conveyor belt having molded Chevron style cleats and sipes shall carry, not drag, debris to the hopper. | _____ | _____ |
| 9.5 | A conveyor cleanout system shall be supplied. | _____ | _____ |

COMPLY
Yes No

10.0 HOPPER

- | | | | |
|------|--|-------|-------|
| 10.1 | For safety, the hopper shall be front dumping, allowing an operator to observe the dump target and surrounding area at all times from the cab, without the use of mirrors. | _____ | _____ |
| 10.2 | Hopper shall dump at varying heights ranging from ground level through a height of 9-1/2 feet. | _____ | _____ |
| 10.3 | Hopper shall have a dumping reach of 33 in. forward. | _____ | _____ |

- | | | | |
|------|---|-------|-------|
| 10.4 | Volumetric capacity shall be not less than 3.6 cubic yards, useable capacity not less than 3.5 cubic yards. | _____ | _____ |
| 10.5 | The hopper shall be impregnated with the Lifeliner coating system. The Lifeliner system shall provide superior corrosion resistance and ejection of material. In addition, a lifetime warranty shall be provided on the hopper when this product is utilized. A stainless steel hopper would be deemed an acceptable alternative provided a high grade of stainless (304) | _____ | _____ |

COMPLY
Yes No

11.0 WATER SYSTEM

- | | | | |
|------|--|-------|-------|
| 11.1 | Tank capacity shall be not less than 220 U.S. gallons. | _____ | _____ |
| 11.2 | Tank shall be constructed of non-rusting material (polyethylene or 7 gauge type 304 stainless steel). Because epoxy lining has the potential to chip and flake off causing clogs in the water system, water tank constructions containing epoxy liners will not be accepted. | _____ | _____ |
| 11.3 | Pump shall be twin diagram capable of running dry. | _____ | _____ |
| 11.4 | Water fill gauge shall be visible from normal operating position. | _____ | _____ |
| 11.5 | Sweeper shall be equipped with an automatic internal conveyor flush and wash down system. | _____ | _____ |
| 11.6 | Water fill hose shall be not less than 16'8" in length, equipped with 2-1/2" NST hydrant coupler. A quick connect shall be included. | _____ | _____ |
| 11.7 | Storage basket shall be provided for fill hose. | _____ | _____ |

COMPLY
Yes No

12.0 HYDRAULIC SYSTEM

- | | | | |
|------|---|-------|-------|
| 12.1 | Power shall be provided by shaft and gear driven pumps. | _____ | _____ |
| 12.2 | Hydraulic reservoir shall be not less than 33 gallons, baffled and with sight gauge. | _____ | _____ |
| 12.3 | Test ports shall be at staggered height, including individual ports for sweeping functions, hopper functions and propulsion. | _____ | _____ |
| 12.4 | To prevent contamination of the reservoir during the dump cycle, the reservoir vent shall be equipped with 10 micron, spin on filter. | _____ | _____ |
| 12.5 | To prevent the possibility of contamination and the resulting damage to the | _____ | _____ |

hydraulic system, suction lines for drive to have 10 micron filter with cab mounted restriction indicator.

- | | | | |
|-------|---|-------|-------|
| 12.6 | To prevent the possibility of contamination and the resulting damage to the hydraulic system, return lines for drive to have 10 micron filter with cab mounted restriction indicator. | _____ | _____ |
| 12.7 | To prevent contamination of the reservoir when adding hydraulic fluid, all oil added shall pass through a 10 micron filter located within the fill spout. | _____ | _____ |
| 12.8 | To maximize cooling efficiency and permit thorough cleaning, the hydraulic cooler shall be mounted along side the water radiator. | _____ | _____ |
| 12.9 | Cooler shall be protected by a 125 PSI bypass valve. | _____ | _____ |
| 12.10 | To minimize environmental damage caused by leaking hydraulic fittings, all pressure hydraulic fittings shall be flat-face "O" ring or "O" ring boss type. | _____ | _____ |
| 12.11 | All circuits shall have quick-disconnect check ports. | _____ | _____ |
| 12.13 | A shutdown shall be supplied which stops the engine when the hydraulic oil in the reservoir falls below the acceptable level required. | _____ | _____ |

COMPLY
Yes No

13.0 ELECTRICAL

- | | | | |
|------|---|-------|-------|
| 13.1 | Unitized alternator/regulator shall be not less than 120 ampere. | _____ | _____ |
| 13.2 | Battery shall be maintenance free, 12 volt, 180 minimum reserve, 900 CCA. A battery disconnect switch shall be provided. | _____ | _____ |
| 13.3 | For safety, all electrical circuits shall be protected with automatically self-resetting circuit breakers which do not require any action by the operator to reset. | _____ | _____ |
| 13.4 | All lighting shall be D.O.T. approved including LED combination stop and tail lights, sealed multiple beam headlights, high beam - low beam switch, clearance lights, adjustable LED side broom spotlights, illuminated gauges and instrument panel, internally illuminated rocker switches, self canceling directional signals, and hazard switch. <u>Rear LED flood lights will be present.</u> | _____ | _____ |
| 13.5 | For ease of electrical "trouble shooting", all wiring shall be harnessed, identified by color coded and word coded wires (i.e. "Ignition", "Headlight" etc.) | _____ | _____ |
| 13.6 | All terminals and electrical splices shall be crimped and soldered. | _____ | _____ |
| 13.7 | To prevent deterioration from oxidation all electrical splices shall be fully and completely insulated with heat shrinkable tubing. | _____ | _____ |

- 13.8 All electrical connections shall be sealed with weatherproof, polarized connectors. _____
- 13.9 Strobe package shall include dual strobes with guards. _____

COMPLY
Yes No

14.0 CONTROLS

- 14.1 All sweeper controls shall be mounted on a central control console with locking ignition for use from either right or left positions. This allows the operator to view all important information from either operating position. _____
- 14.2 The controls shall include all sweep, spray water, and lighting functions. _____
- 14.3 The controls for sweep, spray water (if equipped with a water system), and lighting functions shall be conventional rocker switches. _____
- 14.4 Rocker switches shall be clearly identified by name and international symbol. _____
- 14.5 Hydraulic functions shall be controlled by electric rocker switches. _____
- 14.6 Hopper dump functions shall be controlled by a single "joy" stick that meets the SAE standard. Multiple levers shall not be acceptable. _____
- 14.7 Broom hour meter will be present _____

COMPLY
Yes No

15.0 INSTRUMENTS

- 15.1 Instrument panel shall be full vision illuminated with tachometer, hour meter, speedometer, odometer, fuel gauge, hydrostatic oil temperature gauge, water temperature gauge, oil pressure gauge, voltmeter gauge, hydraulic filter/drive filter indicator and engine air intake restriction indicator. _____

COMPLY
Yes No

16.0 PAINT

- 16.1 All visible exterior metallic surfaces shall be coated prior to assembly with polyester powder coat. The paint must be a minimum of 2 mils thick. The uses of acrylic enamels and/or polyurethane's are not acceptable. _____
- 16.2 Color shall be the color of "White". _____
- 16.3 Vehicle shall have an accent color of Grey on the lower portions of the unit. _____

COMPLY

Yes No

17.0 MANUALS

17.1 A parts manual and complete set of service manuals shall be provided. _____

17.2 An operation manual shall be provided. _____

17.3 Manufacturer's instructional video showing proper safety procedures, maintenance, adjustments and operation will be supplied. If requested, bidder shall provide a copy of this video for review by city personnel. _____

COMPLY

Yes No

18.0 WARRANTY

18.1 Manufacturer's warranty shall be not less than one (1) year on entire vehicle. _____

18.2 Bidders submitting literature stating warranties which do not fully comply with warranty requirements of this specification must submit a letter from the manufacturer certifying warranty compliance as an integral part of their proposal. Failure to comply may cause the proposal to be deemed "non-responsive" and rejected without further review. _____

COMPLY

Yes No

19.0 SERVICE AND TRAINING

19.1 Vendors shall have a full parts and service facility within a reasonable distance from the city garage. State location and distance. _____

19.2 A qualified technician shall provide complete training to city personnel at the city garage. Training shall include safety, operation, maintenance and service. _____

COMPLY

Yes No

20.0 DELIVERY

20.1 Sweeper shall be delivered F.O.B. City of Westbrook in new operating condition. _____

20.2 Acceptance shall be subject to the inspection and approval of the city. _____

20.3 Bidder shall state delivery at time of bid proposal: _____

21.0 REFERENCES

COMPLY
Yes No

21.1 Bidder shall state the length of time in service as an authorized dealer for the product being proposed.

22.0 QUALITY

COMPLY
Yes No

22.1 Sweeper shall be manufactured by a company with a registered quality standard no less than ISO 9001.

23.0 OPTIONAL ITEMS

COMPLY
Yes No

23.1 A spare front and rear tire mounted on appropriate rims will be supplied with unit at delivery. Cost of \$ _____ to be included in total bid price

23.2 **BACK UP CAMERA: Preferred Model** Pro-Vision Model **TV-205A**, with a VLI Infra Red LED night vision camera system. Back up camera shall be installed on the rear of the machine. The Monitor will be 5" LCD, 3 channel color monitor shall be mounted in the cab of the machine. The mounting location shall be determined during the post bid conference. This shall include installation. The cost to be included in bid price.

23.3 Two way radio; Motorola PM400, 45 watt, VHF with mounting bracket, input power harness, and heavy-duty microphone; antenna cable unity gain antenna shall be supplied with the machine at time of delivery. Installation and programming to be performed by Public Services personnel.

23.4 Unit will be supplied with six new main brooms and 12 sets of gutter brooms at delivery. Cost of \$ _____ to be included in total bid price.

23.5 **Lighting:** unit will have Whelen LED eight light traffic advisor Model TAD8. Cable for the TAD8 shall be a one piece cable, no splices in the cable will be allowed. This shall be controlled by a Whelen TADCTL1 control head. Beacon lights will be covered with limb guard where needed.

23.6 Unit will have 5 lbs. ABC fire extinguisher. The mounting location shall be determined during the post bid conference.

CITY OF WESTBROOK, MAINE
INSTRUCTIONS AND GENERAL CONDITIONS TO BIDDERS

STREET SWEEPER

The undersigned agrees to provide requested “product” as specified with-in (DELIVERED TO: Central Garage, 371 Saco Street).

The following exceptions are taken to the requirements and specifications contained in the following document:

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

SIGNED: _____ TITLE: _____