



CITY OF SANFORD, MAINE

PUBLIC WORKS DEPARTMENT

BID NOTICE

The City of Sanford, Maine will receive sealed bids for one (1) **REGENERATIVE AIR STREET SWEEPER WITH CATCH BASIN VACUUM.**

Sealed bids will be accepted until **11:00 a.m. Friday, December 18, 2020** at the Public Works Office, 156 School Street, Sanford, Maine 04073, at which time and place all bids will be Publicly opened and read aloud. The Bid Notice, Instructions to Bidders, Bid Specifications, and Bid Proposal Form are available at online at www.sanfordmaine.org under Business: Bids: Open Bids.

Date: November 6, 2020

By: Matthew E. Hill, P.E.

Matthew E. Hill, P.E.
Public Works Director
City of Sanford, Maine



INSTRUCTIONS TO BIDDERS:

Bids shall be received by the City of Sanford, Maine at the place and until the time specified in the "Invitation for Bids" for **REGENERATIVE AIR STREET SWEEPER WITH CATCH BASIN VACUUM** then publicly read aloud for the information of bidders and other interested parties who may be present either in person or by representative.

1. PREPARATION OF BIDS

- a) Bids shall be submitted in triplicate. Bid forms furnished by the City of Sanford or copies thereof shall be used and strict compliance with the requirements of the Invitation to Bid, these instructions and the instructions printed on the forms is necessary. Any bidder not utilizing the Bid Proposal Form Exhibits attached hereto shall be considered non-responsive to the Invitation to Bid. Each Bid Proposal Form must be accompanied by a copy of the Specifications.
- b) Each bid must give the full business address of the bidder and signed by an authorized representative or partnership name by one of the members of the partnership or by any authorized representative, followed by the signature and title of the person signing. Bids by corporations must be signed with the legal name of the corporation, followed by the name of the state of incorporation and by the signature and title of the president, secretary or another person authorized to bind it in the matter and such bid must be accompanied by a satisfactory Certificate of Corporate Resolution, properly executed, clearly stating that such person is authorized to so bind the corporation in the matter. The named of each person signing shall also be typed or printed below the signature. A bid by person who affixes to their signature the work "President," "Agent," or other title without disclosing their principal, may be held to be the bid of the individual signing.
- c) Erasure or other changes in the bids must be explained or noted over the signature of the bidder.
- d) Anyone submitting a bid shall agree to pass along to the City of Sanford any discounts, rebates or subsidies available as a result of abnormal or seasonal market conditions.



2. ALTERNATIVE BIDS

Alternative bids will not be considered unless explicitly called for in the Invitation to Bid.

3. INTERPRETATION OF CONTRACT DOCUMENTS

No oral interpretation will be provided to any bidder as to the meaning of the specifications or other contract documents. Every request for such interpretations shall be made in writing and addressed and forwarded to Matthew E. Hill, P.E. Public Works Director, City of Sanford, 156 School Street, Sanford, Maine 04073, (3) or more days before the date fixed for the opening of bids. Every interpretation made to a bidder will be issued in the form of an addendum to the contract documents which, if issued, shall be posted on the City's website under Businesses/Bids/Open Bids. All such addendums shall become part of the contract documents.

4. EXAMINATION OF SPECIFICATIONS AND SCHEDULE

Each bidder or their authorized agent is expected to examine the specifications, contract documents, and bid addendums. Failure to do so will be at the bidder's own risk and they cannot secure relief on the plea of error in the bid. At its sole discretion, the City of Sanford may accept or reject bids that do not comply with specifications, contract documents and all other instructions pertaining to the bid.

5. PERSONS INTERESTED IN MORE THAN ONE BID

Except as specified in this invitation to bid, if more than one bid is offered by any one person by or in the name of their clerk, partner or other person, all such bids shall be rejected.

6. QUALIFICATIONS OF BIDDER

Each bidder must furnish a statement of bidders experience and their organization. The statement shall be submitted with the bid.

The City of Sanford reserves the right to reject any and all bids at its sole discretion.



7. SUBMISSION OF BID

Each bid shall be placed in a separate envelope clearly marked on the outside BID FOR: **Sanford Public Works Department – REGENERATIVE AIR STREET SWEEPER WITH CATCH BASIN VACUUM** and this envelope shall be placed in a second envelope for mailing purpose if necessary.

8. TIME OF OPENING OF BIDS

Bids received prior to the time of opening will be kept unopened in a secure place. The officer whose duty it is to open them will decide when the specified time has arrived and no bid received thereafter will be considered. No responsibility will attach to an officer for the premature opening of a bid not properly addressed and identified. Electronic or Faxed bids (email or fax) will not be considered.

9. SCHEDULE OF VEHICLE DELIVERY

Vehicle delivery including all parts and equipment as specified here shall be completed, delivered, and accepted no later than **Friday, April 2, 2021 or as a date specified in the Exceptions to Specifications page completed by the respective bidder.** Due to the difficulty of calculating damages for later completion, liquidated damages in the amount of \$100 per calendar day for late completion after the date for vehicle delivery shall be awarded to the buyer for delay in completion not otherwise excused or permitted under this Agreement. Deadline exceptions will be reviewed by the Department of Public Works after bid opening before making a recommendation to the City Council for purchase.

10. WITHDRAWAL OF BIDS

Bids may be withdrawn on written request received from bidders prior to the time fixed for opening. Negligence on the part of the bidder in preparing the bids confers no right for the withdrawal of the bid after it has been opened. No bids may be withdrawn within a period of thirty (30) days after the opening of bids.



11. AWARD OF CONTRACT

The Sanford City Council reserves the right to reject any or all bids, to waive any or all formalities in the bidding process, to evaluate bids, and otherwise to act as it deems to be in the best interest of the City of Sanford. This includes the right to purchase some or all portions of the vehicles included in this bid individually according to the proposed unit prices. The decision of the Sanford City Council in awarding a bid shall be in accordance with the City of Sanford's Purchasing Policy.

12. TAXATION AND COMPLIANCE

The City of Sanford is a municipal corporation organized under the laws of the State of Maine and so its purchase of good is exempt from State, Federal and local sales and use taxes. The successful bidder agrees to comply with all applicable Federal, State and local statutes, laws, codes, rules, regulations, ordinances and orders in the performance of the contract.

DATE: November 6, 2020

By: Matthew E. Hill, P.E.

Matthew E. Hill, P.E.
City of Sanford
Public Works Director



Sanford Department of Public Works

156 SCHOOL STREET, SANFORD, MAINE 04073

(207) 324-9135 FAX (207) 324-9133



Matthew E. Hill, P.E.

Public Works Director / City Engineer

SPECIFICATIONS FOR ONE (1)

***REGENERATIVE AIR STREET SWEEPER
WITH CATCH BASIN VACUUM***

All bidders are required to provide a proposal quote for a manufacturer's latest standard conventional model unit complete with all standard equipment plus any optional or special equipment required to meet these specifications. Dealers unable to meet the following specifications will indicate variances on the Exceptions to Specifications page.

Any specifications not factory-installed shall be noted on the Exceptions to Specifications page.

Each bidder shall complete the following section supplying the information requested for the vehicle bid. Failure to complete this section may be considered grounds for rejecting the bid.

Unit Bid: **Year:** _____

Make: _____

Model: _____

<i><u>Specification Description</u></i>	<i><u>Minimum Required</u></i>	<i><u>Bidder to Supply</u></i>
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3.01 Emissions

- | | | |
|--|-----|----------------|
| a. The unit's engine(s) shall meet Tier 4 (2015) emissions standards | Yes | ___ Yes ___ No |
| b. The regenerative air unit shall capture particles as small as 10 microns | Yes | ___ Yes ___ No |
| c. External sound pressure level of 75 dB(A) average at 16 meters per ISO 3746, 1996 | Yes | ___ Yes ___ No |
| d. In-cab sound level shall not exceed dB(A) max per ISO 3746, 1996 | Yes | ___ Yes ___ No |

3.02 Truck Cab and Chassis

- | | | |
|----------------------|--|-------|
| a. Chassis Make | | _____ |
| b. Chassis Model | | _____ |
| c. Sweeper/Vac Make | | _____ |
| d. Sweeper/Vac Model | | _____ |

3.03 Vehicle Weight

- | | | |
|--------------------------------|-----|----------------|
| a. GVWR of 33,000 lbs. minimum | Yes | ___ Yes ___ No |
| b. Empty weight of chassis | | ___ lbs. |
| c. Empty weight of sweep/vac | | ___ lbs. |

3.04 Axles

- | | | |
|--------------------------------|-----|----------------|
| a. Front axle 12,000 lbs. | Yes | ___ lbs. |
| b. Wheel base | | ___ inches |
| c. Front and rear dust shields | Yes | ___ Yes ___ No |

3.05 Brakes

- | | | |
|---|-----|----------------|
| a. Front and rear service brakes with automatic slack adjusters | Yes | ___ Yes ___ No |
| b. Cab-controlled parking brake | Yes | ___ Yes ___ No |
| c. Low-air warning indicator in cab | Yes | ___ Yes ___ No |

3.06 Driving Operation

- | | | |
|--|-----|----------------|
| a. Dual power steering with dual gauges for operation from either side | Yes | ___ Yes ___ No |
| b. Two (2) independent accelerator and brake pedals on either side | Yes | ___ Yes ___ No |
| c. Exterior white noise directional rear-mounted backup alarm | Yes | ___ Yes ___ No |

3.07 Truck Engine

- | | | |
|---|-----|----------------|
| a. Aluminum fuel tank with 50 Gal capacity | Yes | ___ Yes ___ No |
| b. 300 HP at 2,000 RPM | Yes | ___ Yes ___ No |
| c. Diesel particulate filter with 6 Gal. Selective Catalytic Reduction (SCR) for EPA requirements | Yes | ___ Yes ___ No |
| d. Vertical Exhaust | Yes | ___ Yes ___ No |
| e. Heavy-duty cooling system | Yes | ___ Yes ___ No |

3.08 Transmission

- | | | |
|--|-----|----------------|
| a. Allison 3500 automatic with dual PTO | Yes | ___ Yes ___ No |
| b. Comes installed with synthetic Transmission fluid | Yes | ___ Yes ___ No |

3.09 Truck Engine Equipment

- | | | |
|---|-----|----------------|
| a. 12-volt alternator with 160 amps | Yes | ___ Yes ___ No |
| b. Two (2) maintenance-free batteries with a master battery disconnect 950 CCA minimum each | Yes | ___ Yes ___ No |
| c. Heavy-duty air cleaner | Yes | ___ Yes ___ No |

3.10 Cab

- | | | |
|--|-----|----------------|
| a. Factory standard equipped power windows, power locks | Yes | ___ Yes ___ No |
| b. Dual steering system capable of changing sides of driving operation in the truck | Yes | ___ Yes ___ No |
| c. Two fully-adjustable, heavy-duty leather-look upholstered, bucket seats with air suspension and arm rests | Yes | ___ Yes ___ No |
| d. Orange-colored seat belts | Yes | ___ Yes ___ No |
| e. Sun visors on both sides of cab | Yes | ___ Yes ___ No |

Specification Description	Minimum required	Bidder to Supply
f. Single-zone air conditioning	Yes	___ Yes ___ No
g. Heated side mirrors	Yes	___ Yes ___ No
h. Tilt steering wheel	Yes	___ Yes ___ No
i. Instrumentation - voltmeter, oil pressure, temperature, and fuel gauges for all engines/motors	Yes	___ Yes ___ No
j. Instrumentation – display and controls for sweeping, vacuum, brooms, sprayers, and all other operations on the cab consoles	Yes	___ Yes ___ No
k. Instrumentation – an adjustable tablet mount capable of holding a 10” x 7” iPad in a protective case to be accessed from either diving position	Yes	___ Yes ___ No
l. Heavy Duty heater & defroster	Yes	___ Yes ___ No
m. Windshield Wipers with variable intermittent settings	Yes	___ Yes ___ No
n. Two (2) 12-Volt receptacles	Yes	___ Yes ___ No
o. AM/FM/CD Stereo Radio/Clock/ & Bluetooth w/ Microphone for phone	Yes	___ Yes ___ No
p. Overhead cabin light automatic with LH/RH door opened	Yes	___ Yes ___ No
q. Solid floor mats (not fabric)	Yes	___ Yes ___ No
r. Keyless entry	Yes	___ Yes ___ No
s. Rear-view backup camera	Yes	___ Yes ___ No
t. Interior backup collision alarm	Yes	___ Yes ___ No

Specification Description	Minimum required	Bidder to Supply
----------------------------------	-------------------------	-------------------------

3.11 Lights

- | | | |
|---|-----|----------------|
| a. LED stop, tail, turn, back-up, hazard, and marker lights | Yes | ___ Yes ___ No |
| b. Yellow and green strobe marker lights with 360-degree view and limb guards | Yes | ___ Yes ___ No |
| c. Four-way hazard warning lights | | |

3.12 Frame

- | | | |
|-----------------------------------|-----|----------------|
| a. Heavy-duty single truck frame | Yes | ___ Yes ___ No |
| b. Front and rear hold-down hooks | Yes | ___ Yes ___ No |

3.13 Wheels and Tires

- | | | |
|---|-----|----------------|
| a. Premium radial all season tires | Yes | ___ Yes ___ No |
| b. Aluminum machined wheels | Yes | ___ Yes ___ No |
| c. Rear tires protected by heavy-duty replaceable plastic fenders | Yes | ___ Yes ___ No |
| d. One full-sized all-season spare steel rim and tire for each tire size on vehicle | Yes | ___ Yes ___ No |

3.14 Sweeper/Vacuum Hopper Body

- | | | |
|--|-----|----------------|
| a. Minimum of 9-gauge stainless steel, continuously welded | Yes | ___ gauge |
| b. Additional Abrasion Protection | | ___ Yes ___ No |
| c. 7.5 CY minimum payload capacity | Yes | ___ CY |
| d. Hydraulically-operated, full width, top hinged rear door with opening/closing alarm. Door must open at least 120 degrees. | Yes | ___ Yes ___ No |

Specification Description	Minimum required	Bidder to Supply
----------------------------------	-------------------------	-------------------------

- | | | |
|---|-----|----------------|
| e. Door cylinder to include a mechanism to prevent accidental closing in the event of a hydraulic failure. Mechanism will be full-width, automatically engage, and be capable of being disengaged without reaching into the hopper. | Yes | ___ Yes ___ No |
| f. Hopper floor must tilt to a minimum of 55 degrees from horizontal | Yes | ___ Yes ___ No |
| g. Inspection doors available to access cleaning areas, diagnose issues, identify large objects, etc. | Yes | ___ Yes ___ No |
| h. Vacuum hose and extensions shall be provided and mounted on the truck such that the standard tip of the vacuum hose shall be capable of reaching a point no less than ten (10) feet below existing ground level. | Yes | ___ Yes ___ No |
| i. Additional vacuum hose extensions shall be provided such that the vacuum hose shall be capable of reaching a point no less than eighteen (18) feet below existing ground level. | Yes | ___ Yes ___ No |
| j. In addition to the standard vacuum tip, an additional tip or tip cover shall be provided that allows 3" x 3" grid openings at the maximum. This tip shall be mounted on the truck as well. | Yes | ___ Yes ___ No |

3.15 Sweeper Vacuum

- | | | |
|---------------------------------------|-----|----------------|
| a. Horsepower | | ___ HP |
| b. Engine Speed | | ___ RPM |
| c. Impeller Speed | | ___ RPM |
| d. Suction | | ___ CFM |
| e. Final Tier 4 Emissions | Yes | ___ Yes ___ No |
| f. Vacuum pressure adjustable | | ___ Yes ___ No |
| g. Durable, changeable, carbide shoes | Yes | ___ Yes ___ No |

3.16 Catch Basin Vacuum

- | | | |
|-------------------------------|-----|----------------|
| a. Horsepower | | ___ HP |
| b. Engine Speed | | ___ RPM |
| c. Impeller Speed | | ___ RPM |
| d. Suction | | ___ CFM |
| e. Final Tier 4 Emissions | Yes | ___ Yes ___ No |
| f. Vacuum pressure adjustable | | ___ Yes ___ No |

3.17 Hydraulics

- | | | |
|---|-----|----------------|
| a. System protected by relief valves | Yes | ___ Yes ___ No |
| b. Fluid level gauge and alarm | Yes | ___ Yes ___ No |
| c. Hydraulic system filters | Yes | ___ Yes ___ No |
| d. Hydraulic system shut-off valve at tank | Yes | ___ Yes ___ No |
| e. Exterior dump body controls | Yes | ___ Yes ___ No |
| f. Exterior vacuum hose control with
a 10-foot reach | Yes | ___ Yes ___ No |
| g. Hydraulic valves equipped with
LED indicators | Yes | ___ Yes ___ No |
| h. Quick disconnect test port | Yes | ___ Yes ___ No |

3.18 Water System

- | | | |
|--|-----|----------------|
| a. Tank capacity | | ___ Gal |
| b. Baffled tank with shut-off valve | Yes | ___ Yes ___ No |
| c. Tank volume full gauge | Yes | ___ Yes ___ No |
| d. Tank drain | Yes | ___ Yes ___ No |
| e. Self-priming water pump that is self-
priming and not damaged when run dry | Yes | ___ Yes ___ No |

Specification Description	Minimum required	Bidder to Supply
f. A 25-foot hydrant hose with quick-connect couplings for a 1½” connection to a fire hydrant	Yes	___ Yes ___ No
g. Separate hose and spray wand to flush hopper, hood, pressure/suction hoses, and assist with CB vacuum clean-outs	Yes	___ Yes ___ No
h. All water valves to have manual drains	Yes	___ Yes ___ No

3.19 Central Systems

- | | | |
|--|-----|----------------|
| a. All wiring in flame-retardant, color-coded, numbered, dust-proof, water-proof systems | Yes | ___ Yes ___ No |
| b. All systems equipped with LED status indicators for troubleshooting diagnosis | Yes | ___ Yes ___ No |

3.20 Estimated Annual Operations and Maintenance Costs

2020/2021 routine costs to replace all brushes, brooms, shoes, screens, and filters throughout the entire unit (mounted sets incidental to purchase price)

\$ _____

3.21 Accessories

- | | | |
|---|-----|----------------|
| a. Complete operations manual (1) | Yes | ___ Yes ___ No |
| b. Factory shop service manual or disc (1) | Yes | ___ Yes ___ No |
| c. Requirement of three (3) sets of keys | Yes | ___ Yes ___ No |
| d. Factory undercoating | Yes | ___ Yes ___ No |
| e. Gutter broom lights for night operations | Yes | ___ Yes ___ No |

3.20 Parts, Service, and Training

a. The Manufacturer’s franchised authorized dealer must have a parts and service facility within three (3) hours of 156 School Street in Sanford, Maine to be considered for award. This must be a full-service, franchised dealership which includes:

1. Sales management
2. Field representatives



BID PROPOSAL FORM

To: City of Sanford
C/O Matthew E. Hill, P.E.
Public Works Director
156 School Street
Sanford, Maine 04073

In compliance with your Notice to Bid and Instructions to Bidders, all dated Friday, November 6, 2020 the undersigned proposes and agrees as follows:

1. To furnish according to the attached specifications as designated by Director of Public Works or his/her designee as follows:
 - a) Amount is to be indicated in both words and in figures. In case of discrepancy, the amount shown in words will govern.
 - b) The bidder agrees that this bid shall be good and may not be withdrawn for a period of thirty (60) calendar days after the scheduled closing time for the receiving bids.
 - c) Upon receipt of written notice of the acceptance of this bid, bidder will execute the formal contract attached within 10 days.

1. TOTAL PRICE OF ONE NEW REGENERATIVE AIR STREET SWEEPER WITH CATCH BASIN VACUUM

\$ _____ \$ _____
Price in Words

***Bid Rejection: The unrestricted right is reserved by the City to reject any and all bids or parts thereof, or to waive any formalities or technicalities in said bids/proposals.**



In compliance with the above notice to bidders the undersigned declares that:

1. The only person or persons interested in the bids set forth herein as principal or principals is or are named herein and no other person who is mentioned herein has any interest in this proposal or the contract to be entered into. This proposal is made without connection with any other person or person company or parties making a bid or proposal and it is in all respects fair and in good faith without collusion or fraud.
2. The undersigned has examined all of the contract documents regarding this bid and has informed themselves of all the terms and conditions included and set down in said contract documents. They have examined the Bid Proposal Form, each Vehicle's Specification, and the Instructions to Bidder. They have read all special provisions furnished prior to the opening of bids and have satisfied themselves relative to the work to be performed.
3. All names and addresses of all persons interested in this bid as principal are as follows:

4. We have been in business under the present name for ____ years, during which time we have never failed or defaulted on any contract awarded.

Dated this _____ day of _____ 2020

(Signature)

(Print Name)

(Name of Entity)

(Address of Entity)

(Title, Person Signing Bid)

