



**City of Sanford/Village of Springvale, Maine**

**NOTICE OF BIDS**

**FOR: ONE (1) NEW 10 WHEEL DUMP TRUCK W/PLOW, WING AND SANDER**

The City of Sanford, Maine will receive sealed bids for: ONE (1) NEW 10 WHEEL DUMP TRUCK W/PLOW, WING AND SANDER **until 10:00 a.m. on Wednesday, September 16, 2020** at the Public Works Office, 156 School Street, Sanford, Maine, at which time and place all bids will be publicly opened and read aloud. The Invitation to Bid, Instructions to Bidders, Bid Specifications, Supplemental Specification, and Bid Proposal Exhibits are available at the Public Works Office and online at [www.sanfordmaine.org](http://www.sanfordmaine.org) under **Businesses: Bids: Open Bids**.

DATE: August 14, 2020

By: Matthew 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 Bid" for **One New 10 – Wheel Dump Truck W/Plow, Wing, and Sander** 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 sent as promptly as practicable to all persons to whom the specifications have been issued. 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 and contract documents. Failure to do so will be at the bidders 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: **Public Works Department One New 10 – Wheel Dump Truck W/Plow and Sander** and this envelope shall be placed in a second envelope for mailing purpose if necessary.

8. TIME OF OPENING OF BIDS

Bid 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 **Thursday, April 29, 2021** by the Public Works Department. 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. Exceptions to this deadline must be included in the “Exceptions to Specifications” page within the bid. 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, 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 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: August 14, 2020

By: Matthew E. Hill, P.E.

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

**SANFORD PUBLIC WORKS DEPARTMENT**

**SPECIFICATION –10 WHEEL DUMP TRUCK W/PLOW, WING, AND SANDER**

These specifications are the minimum that will be considered for one (1) truck to be used for plowing, sanding, salting, general municipal construction, and road maintenance by the City of Sanford Vehicle and must be fully operational upon delivery. The vehicle shall be latest current model manufactured of all new materials and carry all warranties as set forth by the manufacturer. A copy of the warrantee to be included.

Meets Specification  
YES      NO

**VW Grant Specifications (Mandatory)**

**Dealership physically located in Maine**

**Documentation submitted with proposal that the engine is CARB Certified with a Clean Idle Engine**

**Documentation submitted with proposal that the engine is Model year 2019 or newer**

_____	_____
_____	_____
_____	_____

**Chassis Dimensions**

Wheel base (Tandem axle) Approx. (186”) with a Useable C.T. of 124”

Wheel base and C.A. /C.T. can be changed to accommodate body manufacturer

Frame: Heat treated steel alloy 120,000 PSI

12.250 x 3.38 x .375 straight steel single rail

Bumper, front multi-piece stainless steel

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

**Axles**

Front axle shall be solid I beam type factory rated at no less than 20,000 lbs. Right front spring built up for wing application. Front axle shall be set back to ensure minimal turning radius of vehicle.

Each rear axle shall be factory rated at no less than 23,000 lbs. Tandems shall be Henderixson type with rubber ride HMX460 maintenance free

Tandems shall have a power divider for traction assist with 4 wheel lock and channel traction control

All axles must be Meritor with Meritor brakes

All axles shall have outboard drums – hub piloted

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

**Tires and Wheels**

Steering tires on tandem axle trucks shall be 315/80R22.5 18 PLY

All other tires shall be 11R22.5 16 ply tubeless radials

All wheels must be aluminum (both mounted and spare)

Spare front Steering Tire & Aluminum Wheel and spare rear Drive Tire & Aluminum Wheel (mounted and balanced to match all other tires on Truck)

_____	_____
_____	_____
_____	_____
_____	_____

Meets Specification  
 YES NO

**Brakes**

The service brakes shall be heavy duty Full Air S cam lever type (Bendix Westinghouse or equal) factory installed. \_\_\_\_\_

The front brakes shall be 16.5" x 7" and the rear shall be 16.5" x 7" with front and rear dust shields \_\_\_\_\_

Shall have at least a 15.9 CFM air compressor, with spring loaded rear brakes \_\_\_\_\_

Bendix Westinghouse air dryer AD-9 with heater or equal for brake system and Automatic slack adjusters. \_\_\_\_\_

Low pressure alarm system which shall operate only when the key is in the on or run position. \_\_\_\_\_

Brakes chambers on rear axle shall be mounted in a manner so that the truck will be capable of loading a paver. \_\_\_\_\_

Shall have all equipment necessary to have electric brake trailer connectors to the rear of truck (pole round) control in cab \_\_\_\_\_

**Transmission**

Shall be a fully automatic with six (6) forward gears and one (1) reverse with PTO opening with synthetic lubricant \_\_\_\_\_

Rear end ratio shall be calculated so trucks have a maximum speed of 65 MPH in the highest forward speed and governed engine RPM \_\_\_\_\_

Shall have temperature warning light and buzzer \_\_\_\_\_

External transmission cooler \_\_\_\_\_

Engine shall be diesel with 13 litre 410 HP with a min. of 1450 lbs. Torque. \_\_\_\_\_

ENGINE COMPRESSION BRAKE with high/low Selector Switch and On/Off Switch \_\_\_\_\_

Replacement element oil filter \_\_\_\_\_

Shall have hour recording tachometer, engine protection alarm system with light and buzzer for low oil pressure and high water temperature \_\_\_\_\_

Extended life Anti-freeze protection to -34 degrees F \_\_\_\_\_

All heater and radiator hoses to be silicone hoses \_\_\_\_\_

Engine to be certified for and capable of continuous idle \_\_\_\_\_

Heavy Duty Single Element Air Cleaner \_\_\_\_\_

Radiator shall be heavy-duty tank and core to be of metallic construction \_\_\_\_\_

Tandems to be equipped with engine brake and exhaust brake. \_\_\_\_\_

Clutch TYPG fans \_\_\_\_\_

Meets Specification  
 YES NO

**Electrical System**

Shall be 12 volts with a minimum 160 AMP alternator, for high output at idle and low speeds	_____	_____
Three (3) 12-volt (3000 total) CCA batteries enclosed in an aluminum battery box	_____	_____
Headlights, clearance lights, etc. as prescribed by law, circuit breakers in lieu of fuses.	_____	_____
Back up light and back up alarm	_____	_____
Shall have auxiliary trailer wiring harness in rear	_____	_____
Master disconnect to interrupt battery lead to kill power to total vehicle (Cole Heasee #M2484)	_____	_____
All lighting shall be LED	_____	_____

**Steering**

Shall be heavy duty full time power steering	_____	_____
Tilt position steering wheel and column	_____	_____
Dual steering boxes, required-assist ram will not be accepted	_____	_____

**Cab**

The cabs shall be a full cab equipped as follows:

All safety glass, grab handles on both sides, full-depth 12V DC power supply receptacle for charging devices, 35000 BTU minimum heavy-duty heater and defroster, heavy-duty windshield wipers with intermittent option and windshield washers	_____	_____
Two (2) powered west coast style heated rear view mirrors, retractable also will have heated spot mirrors on each side	_____	_____
Two (2) sun visors, air ride seats. Self-canceling directional on Driver and Passenger sides.	_____	_____
Assembly, air horn, dome light, fiberglass tilt nose with inspection hatches, AM-FM radio, Air conditioning, electric windows (driver and passenger)	_____	_____
Two folding arm rests (driver's seat)	_____	_____
Must have one adjustable convex mirror located on the top of cab on the passenger side	_____	_____
Shall be equipped with gauges, air pressure, and RPM gauge Voltmeter, engine coolant temperature, engine oil pressure, Fuel level, speedometer with odometer, hour meter (indicator lights to perform the functions of gauges will not be accepted)	_____	_____
Hand throttle and other accessories listed by the manufacturer as standard in the cab shall be furnished.	_____	_____
Cab shall be constructed out of aluminum	_____	_____
LED Strobe Light Mounted on center of cab roof	_____	_____
Orange Seat Belts	_____	_____
Passenger Side to have a bottom "Pothole Window" to see Wing	_____	_____



Meets Specification  
 YES NO

**Fuel Tank**

There shall be a heavy-duty aluminum step tank with a minimum capacity of seventy (70) gallons mounted on the left-hand side

\_\_\_\_\_

**Tow Hooks**

Heavy Duty D Ring for Trailer Towing

\_\_\_\_\_

**Keys**

There shall be three (3) sets of keys for each vehicle. Both ignition switch and door to take the same key

\_\_\_\_\_

Key and Ignition switch to be subject to review by DPW for the successful bidder

\_\_\_\_\_

**Manuals**

There shall be one (1) copy of the shop service manual and one

\_\_\_\_\_

Copy of line sheet to be included.

\_\_\_\_\_

Copy of electrical blueprints

\_\_\_\_\_

**Paint**

The exterior cab paint shall be acrylic enamel with hardener, School Bus Yellow

\_\_\_\_\_

**Miscellaneous**

Fender-mounted Turn Signals

\_\_\_\_\_

Electrical Back up alarm

\_\_\_\_\_

25-ton spring-loaded Pintle Hook

\_\_\_\_\_

Battery boxes located so as not to interfere with wing tower

\_\_\_\_\_

(But still be easy to access)

Diagnostics Data CD

\_\_\_\_\_

7-Pin Round Trailer Plug

\_\_\_\_\_

All Hydraulic Lines (entire truck & gear) made of Stainless Steel

\_\_\_\_\_

Meets Specification  
 YES NO

**Exceptions**

Provide detail explanation of any exceptions taken to these specifications on the exceptions to specifications page

\_\_\_\_\_

**Training**

Supplier shall provide a training to three (3) City of Sanford Employees at agency for pertinent mechanical system repairs. If there is any cost for transportation for this training, it shall be the responsibility of bidder

\_\_\_\_\_

**Dump Body**

Truck shall be equipped with Side Dump Spreader or equivalent SDS14 Hardox 450 steel dump body with a cab protector.

Body shall be 14' long X 7' wide with 4' high sides. Tailgate shall be 5'

\_\_\_\_\_

Both sides shall be capable of mounting sideboards with a center support.

\_\_\_\_\_

Shall have a Mailhot telescopic hoist inside—38 ton capacity

\_\_\_\_\_

One Access Ladder on Drivers Side outside (1-2 steps inside)

\_\_\_\_\_

LED Tail lights, LED reverse lights and LED strobes to be

mounted in rear pillars (LED Green and Amber Colors) rear and sides

\_\_\_\_\_

Tailgate to be air operated

\_\_\_\_\_

Safety Turn Buckles for tailgate

\_\_\_\_\_

Heavy duty D ring mounted inside center height for tailgate

\_\_\_\_\_

No Doghouse

\_\_\_\_\_

Set of Dump Body Locks Provided

\_\_\_\_\_

Combo Body

\_\_\_\_\_

Conveyor Cover

\_\_\_\_\_

Front Spread

\_\_\_\_\_

Live Floor

\_\_\_\_\_

Conveyor Ground Speed Sensor

\_\_\_\_\_

Liquid Spray System (removable for summer operations)

\_\_\_\_\_

100 Gallon Liquid Tank not mounted to dump body

(removable for summer operations)

\_\_\_\_\_

Hydraulic Motor

\_\_\_\_\_

Back-Up Camera in Rear Driver's Side Post

\_\_\_\_\_

Mud Flaps before and after rear axle wheels with anti-sail brackets

\_\_\_\_\_

All hydraulic lines stainless steel

\_\_\_\_\_

3 paving doors in tailgate/tailgate spreading chains

\_\_\_\_\_

Meets Specification  
YES NO

**Tarp System**

Shall be a front to back air tarp system	_____	_____
External pivot mounts #4644 4 spring pivot set. Tarp spool with wind deflector #3647-tarp bow # 7670-tension bow #7671 heavy duty asphalt tarp 20' #8320	_____	_____
Aluminum Tarp Arms (must be clear of loading operations)	_____	_____

**Plow and Wing**

Location of all controls to be determined by the City of Sanford Employees during field trip inspections at various times during production of this vehicle.		
Air Controls with Levers for Plow, Wing, and Side Dump Patrol wing style units. Minimum standards are represented by American prototype. Any and all variations must be represented fully and proven to be of equal or greater quality than specified. Completed units shall be capable for being disconnected for summer vehicle use without attached plow gear. Also capable of power tilting and raising for ease of maintenance. Hydraulic system shall incorporate filter and shutoff valve at reservoir tank	_____	_____
Plow Lights High-Intensity Halogen	_____	_____
Winter plow guard and curb guard on the end of Carbide Matrix blade side	_____	_____
5/8 inch carbide covered with cover plate	_____	_____
12" Rubber flap snow foil on front plow	_____	_____
11' Front blade	_____	_____
10' Wing	_____	_____
8" Heated Spot Mirror on front wing post, controlled from cab (on/off)	_____	_____
LED Work Lamp Mounted on Wing Post	_____	_____
9 LED Flood Beam mounted on the rear wing post, controlled from cab (on/off)	_____	_____
12" minimum standard highway punch spacing between bolts	_____	_____
All hydraulic lines stainless steel	_____	_____

**Prototype Model Numbers**

American #3911 PISA Hydraulic reversible plow w/polymer moldboard	_____	_____
American #11DRA – full trip leveling wing	_____	_____
American #PS4-20 – low mount truck hitch	_____	_____

Meets Specification  
YES NO

**Hydraulics**

Rexroth A10 Load Sense Pump BOSCH CS550 w/low oil shut down	_____	_____
Rexroth M4 load sense valves in a stainless steel enclosure	_____	_____
Rexroth CS550 ground speed controller (to also hydraulically Drive the sander's calcium system)	_____	_____
**Note: No diverter valves, return line filter (w/valve to stop oil flow), sight glass for tank		
Order of Handles: Dump Body; Plow; Plow Reverse; Front Wing; Rear Wing; Side Dump	_____	_____



## **BID PROPOSAL FORM**

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

In compliance with your Notice to Bid and Instructions to Bidders, all dated **Wednesday, September 16, 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.



**TOTAL PRICE OF ONE NEW 10-WHEEL DUMP TRUCK W/PLOW, WING AND SANDER:**

\$ \_\_\_\_\_ \$ \_\_\_\_\_  
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.**

**EXCEPTIONS TO SPECIFICATIONS**

Any exception, variations or clarifications to the Specifications must be set forth on this form and included with the Bid Proposal Form. These exceptions must be spelled out in detail, numbered and make reference to exact page number for easy comparison. It is a failure of the bidder to note on this form any and all exceptions to any portion of the specifications as designated that means that the providing of **Public Works Department One New 10 Wheel Dump Truck w/Plow, Wing, and Sander** must meet or exceed in all respects any and all specifications not so noted. Failure to denote exceptions in the above manner may be cause for rejection of the entire bid.

Exception  
Number

Details

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 2020

BY: \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Print Name)



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.
  
1. 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.
  
2. All names and addresses of all persons interested in this bid as principal are as follows:  
  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
3. 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)