634.13010063 – SNOWPLOW EQUIPMENT READINESS LEASE (MAXIMUM BID)
634.13020063 - EMERGENCY SNOW AND ICE CONTROL LARGE DUTY SNOWPLOW UNITS – ACTIVATION
634.13030063 - EMERGENCY SNOW AND ICE CONTROL LARGE DUTY SNOWPLOW UNITS – UTILIZATION

DESCRIPTION:

The work shall consist of supplementing the NYSDOT with large (class 8) duty snowplow units for snow and ice control. The contractor shall provide the specified snowplow units. A snowplow unit will consist of a complete operational system including the truck(s) equipped with snowplows and spreaders, with operators. The snowplow units shall include all supporting services associated with the operation of the unit(s) including, but not limited to, operator(s), fuel, support, recovery, maintenance, repair, communication, and supervision. All cost associated with transportation and operation of the snowplow unit required to perform under the contract are included. The snowplow unit(s) shall be utilized on an as-needed basis to supplement NYSDOT’s snow and ice control response. The contractor’s snowplow units may be activated and/or utilized, when directed by Regional Director or the Engineer, on the state highway system or on local roads.

The quantity required will be included in the special notes in the contract documents.

Readiness: The contractor shall maintain all required snowplow units in a state of readiness during the designated snow season. A snow season is defined in the special notes in the contract documents. The contractor shall be capable of being activated and utilized within 8 hours of notification at the place, date and time as directed by Regional Director or the Engineer.

Activation: When the contractor deploys the snowplow units ready to be utilized, at a place, date and time as directed by the Regional Director or the Engineer.

Utilization: When the contractor is given notification of activation and the snowplow units have arrived at the predetermined location, date, and time in good working order and ready for duty and utilized.

MATERIALS:

Equipment:

a. Trucks shall be tandem rear axle, and shall comply with all federal DOT requirements and NYS Vehicle and Traffic Law provisions and be capable of safely plowing snow on highways at speeds of up to forty-five (45) mph.

b. Each snowplow unit shall be ready for utilization within eight (8) hours of notification by the Regional Director or the Engineer.

c. The work to be performed will be within roadways that are conveying public traffic. As such the contractor’s snowplow unit(s) shall be equipped with hazard vehicle lighting meeting the provisions of the NYS Vehicle and Traffic Law as well as supplemental lighting as follows:

   1. Dual rotating(or LED equivalent) (amber) beacons mounted on the truck cab roof or cab shield, with 360 degree visibility
   2. Two additional (amber) flashing lights on the top outer edges at the rear of the vehicle body or hopper (spreader).

Equipment shall be in good working order and ready for duty. Work shall be performed at locations and for time periods as directed by the Regional Director or the Engineer. Any equipment that fails to operate; does not comply with safety requirements; violates federal or state law; or is not in conformance
with operational directions provided by NYSDOT, shall be removed from service by the contractor and repaired or replaced with another piece of similar equipment that is fully operational within two hours. The replacement equipment will not be considered as an additional unit for pay purposes. If any equipment is not replaced, then no payment will be made for the portion of the operational period the snowplow unit is out of service. If the snowplow unit does not arrive in good working order and ready for duty, no payment for activation will be made.

Snowplow Unit: Class eight (8) truck with plow and material spreader.

  a. Trucks and all their components shall be of a sufficient capacity such that it can safely carry the specified equipment and payload without exceeding the registered gross vehicle weight and shall comply with all applicable federal and state laws and rules.

  b. Plow: Each truck shall be equipped with a front mounted fully functional hydraulically operated snowplow eleven (11) ft long as measured along the length of the cutting edge. The minimum height of the snowplow, including the cutting edge, shall be forty-two (42) inches. Adjustable height plow shoes shall be available and shall be used when and as directed by the Engineer. The plow shall be capable of safely operating on the highways at speeds of up to forty-five (45) mph.

  c. Spreader: Each truck shall be equipped with a minimum six (6) cubic yard capacity material spreader equipped with variable rate discharge controls so that material application rates directed by NYSDOT can be accurately applied. Material to be spread will be provided by NYSDOT or the local municipality. The spreader shall be capable of completely discharging its material without tilting the bed or raising the dump body of the truck.

CONSTRUCTION DETAILS:

Operators: Experienced and trained operators shall be provided, inclusive with the snowplow unit. Each operator must possess a current NYS commercial drivers license (CDL) appropriate for the specified vehicle.

The number of operators shall be based on a capability to sustain twenty-four (24) hour operations, with operators working no more than twelve (12) hours per shift and allowing for relief driver(s) / operator(s) to permit meals and/or rest breaks. The contractor shall certify that all operators have been adequately trained in the operation of the assigned vehicle and its components. In addition, the contractor shall certify that all operators are in compliance with OTETA drug and alcohol requirements and testing. Any operator that appears to be under the influence of drugs or alcohol or otherwise not fit for duty will be removed from the workplace by the contractor and replaced with another qualified operator. Operator(s) shall comply with all NYS Vehicle and Traffic Law provisions. If an operator fails to operate equipment safely, violates a law, or does not follow operational directions provided by NYSDOT, the contractor shall remove the snowplow unit from service until the operator has been replaced. No payment will be made for the portion of the operational period the snowplow unit is out of service due to the absence of a qualified operator.

Supervision: The contractor shall provide one dedicated shift supervisor for each multiple of five (5) snowplow units or part thereof (e.g for seven snowplow units, two shift supervisors are needed). The
supervisor(s) shall not be directly engaged in repairing, towing or operating any snowplow unit. The supervisor(s) shall be provided with suitable transportation capable of safe travel during winter storms. The Supervisor(s) work shifts are not to exceed sixteen (16) hours. Each supervisor shall also be equipped with a cell phone to report to the Engineer. No additional payment will be made for supervision or the required communication and transportation.

Breakdowns: The contractor shall provide the services of a mechanic to repair and have on call / ready, towing services to recover equipment and bring to a repair facility in a timely manner. The contractor shall repair or replace, with another piece of similar equipment that is fully operational, the out of service snowplow unit within two hours. Replacement equipment will not be considered as an additional snowplow unit for pay purposes. No payment will be made for any snowplow unit for the portion of an operational period when the snowplow unit is out of service.

Communication: Each snowplow unit, the supervisor(s), the mechanic, and any towing service shall be provided with a communication system so that the contractor’s supervisor can communicate with any and all parties as necessary. No additional payment will be made for the required communication equipment.

Response Time: The contractor shall provide the requested number of snowplow units, as described in this special specification and/or the special notes, within eight (8) hours of being notified by the Regional Director or the Engineer. The contractor shall provide a contact name with phone number who can be reached twenty-four (24) hours a day, seven (7) days a week during the designated snow season.

Pre-Season Meeting: The contractor shall attend a meeting, prior to the initial engagement of services, and prior to the start of a snow season, to be scheduled by NYSDOT. At this meeting the Engineer and the contractor will:

- Establish the deployment process;
- Verify the communication and contractor contact information to be used;
- Review the staging locations that may be involved;
- Review the snowplow unit readiness,
- Review status of snowplow units inspected by the state; and
- Verify that all snowplow units are ready for activation and utilization if, and when needed. The contractor will provide verification that the required number operators, supervisors, support services and snowplow units will be available.

Inspection: The contractor shall provide a list of the equipment to be available (at a state of readiness), including the VIN, Make, Model, Year of manufacture. The contractor shall make provisions for the State to inspect the snowplow unit(s) to verify suitability for the intended work. Any snowplow unit that fails inspection shall have the deficiencies corrected within 24 hours and re-inspected or the unit replaced with another one.

State of Readiness: When the contractor has all snowplow units successfully inspected and available to be activated.
METHOD OF MEASUREMENT:

The quantity to be measured will be as follows:

Snowplow Equipment Readiness Lease: This item will be measured by the number of calendar weeks for the duration of the snow season as defined in the contract documents. Partial calendar weeks at the beginning and end of season will count as full calendar weeks. Payment will be prorated based on the number of snowplow units inspected and ready for either activation or utilization.

Emergency Snow and Ice Control Large Duty Snowplow Units, Activation: This item will be measured by the number of each class 8 snowplow unit that is activated.

Emergency Snow and Ice Control Large Duty Snowplow Units, Utilization: This item will be measured by the number of hours each class 8 snowplow unit is utilized. A minimum of eight (8) hours will apply for each snowplow unit while in this status.

BASIS OF PAYMENT:

Snowplow Equipment Readiness Lease: The unit price bid per calendar week shall include the cost of furnishing all labor, material and equipment necessary to bring all snowplow units to a state of readiness, and shall also include all fixed costs such as truck insurance and maintenance.

Emergency Snow and Ice Control Large Duty Snowplow Units Activation and Utilization: The unit price shown shall include the cost of furnishing all labor, materials, and equipment necessary to satisfactorily complete the work.

MAXIMUM BID ITEM

Equipment Readiness Lease is a maximum bid item.

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<td>634.13020063</td>
<td>Emergency Snow and Ice Control Large Duty Snowplow Unit, Activation</td>
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