



*Towns of Mapleton,  
Castle Hill and Chapman  
P.O. Box 500, 103 Pulcifer Road  
Mapleton, Maine 04757  
Telephone/Fax (207) 764-3754  
www.mapleton.me*

*Town Manager  
Sandra L. Fournier*

## **TOWNS OF MAPLETON CASTLE HILL CHAPMAN REQUEST FOR BIDS**

### **SECTION 1. GENERAL**

The Towns of Mapleton, Castle Hill, & Chapman are seeking bids from qualified individuals and firms (Bidder) to provide/supply a new Tandem Axle Truck with dump body, sander, and plow equipment.

### **SECTION 2. STANDARD CONDITIONS**

1. The Bidder shall be responsible for all taxes, fees and permits required of this request for bids.
2. The Bidder shall be responsible for the proper disposal of any waste generated by this request for bids.
3. The Bidder shall serve in the capacity of an independent contractor and shall not be deemed an employee or representative of the municipality. The Bidder understands and agrees that they are an Independent Contractor for whom no Federal or State Income Tax will be deducted by the Towns, and for whom no retirement benefits, Medicare, vacation and sick leave, workers compensation, employment and similar benefits available to Town employees will accrue. The Bidder further understands that annual information returns as required by the Internal Revenue Code or State of Maine Income Tax Law will be furnished to the Bidder for his Income Tax records.
4. Unless otherwise stated all bids shall be in a lump sum basis, FOB Mapleton, in U.S. funds.
5. Any bid received after the date and time of opening will be rejected and returned unopened to the Bidder. Time shall be determined as indicated on the clock where bids are received.
6. Unless otherwise stated all bids shall be submitted on the bid form supplied by the Towns.
7. The Towns reserve the right to reject any or all bids and to waive any informalities as they deem necessary. The Town Manager shall retain the right to determine what constitutes an informality. In his decision, the Town Manager may consider if other bidders are placed at a disadvantage by his decision. In all cases, the decision by the Town Manager shall be final.

8. Fax bids will not be accepted. Email bids will not be accepted.
9. No bid may be withdrawn for a period of 30 days after the bid opening.
10. The Bidder shall be responsible to provide all labor, materials and equipment necessary to perform the work or supply the material(s) requested in this bid and shall insure a timely completion of the work involved or the material(s) supplied in conformance with generally accepted work standards. All work shall be in conformance with all applicable local, state and federal laws, ordinances, rules and regulations.
11. The Bidder shall not sublet, sell, transfer, assign or otherwise dispose of this agreement or any portion thereof, or of his right, title, or interest therein, without written request to and written consent of the Town Manager, except to a bank. No subcontracts or transfer or agreement shall in any case release the bidder of his liability under this agreement.
12. The performance of work or the delivery of material under the contract may be terminated by the Towns in whole, or from time to time, in part whenever for any reason the Town manager shall determine that such termination is in the best interest of the Towns. Any such termination shall be affected by delivery to the Bidder of a Notice of Termination specifying the extent to which such termination becomes effective. The contract shall be equitably adjusted to compensate for such termination and the contract modified accordingly. In any event, this contract shall be terminated on the contract date.
13. The Bidder agrees to indemnify, defend and save harmless the Towns, its officers, agents and employees from any and all claims and losses accruing or resulting to any and all contractors, subcontractors, material men, laborer, and any other person, firm or corporation furnishing or supplying work, services, materials or supplies in connection with the performance of this contract, and from any and all claims and losses accruing or resulting to any person, firm or corporation who may be injured or damaged by the Bidder in the performance of this contract and against any liability, including costs and expenses, for violation of propriety right, copyrights, or rights of privacy, arising out of publication, translation, reproduction, delivery, performance, use of disposition of any data furnished under this contract or based on any libelous or other unlawful matter contained in such data.
14. Any and all notebooks, maps, plans, working papers or other work produced in the performance of this contract are the property of the Towns.
15. Failure to provide requested information at the time the bid is submitted may result in the bid being rejected.

### **SECTION 3. BIDDER QUALIFICATIONS**

1. Bidder shall be a factory authorized dealer for the product that is bid. Bidder shall be able to provide parts and service for the product that is bid.
2. Bidder's service facility shall be located in Aroostook County.
3. Bidder shall submit a time schedule for delivering the vehicle.
4. Bidder shall submit warranty information and manufacturer's specs/catalogue cuts on truck and plow equipment. If any parts or equipment included in the bid are not "factory" (from the vehicle manufacturer or plow equipment manufacturer), Bidder shall submit list identifying the parts or equipment and their source or brand.
5. Bidder must complete the STATEMENT OF BIDDER'S QUALIFICATIONS and enclose with bid.

### **SECTION 4. RECYCLED PRODUCTS PREFERENCE (N/A)**

### **SECTION 5. SUBMITTING A BID**

All bids must be submitted in a sealed envelope clearly marked "**PLOW TRUCK BID**" on the outside of the envelope. Bids must be **RECEIVED by October 7, 2021 at 2:00 PM** at the Town Clerk's office, 103 Pulcifer Road, Mapleton, Maine 04757. Any questions pertaining to this bid shall be directed to Road Commissioner, Chris Woodworth who can be reached by phone at (207) 764-3754.

All bids shall be opened and read aloud in public on October 16 2024 at 2:00 PM at the above address. Final award of the bid is expected to be made by the Joint Select Board no later than the regularly scheduled Board meeting on October 22, 2024. The Boards' decision shall be final. Bidders are welcome to attend the bid opening.

### **SECTION 6. SCOPE OF WORK-TECHNICAL SPECIFICATION.**

Bidder shall supply a new truck with all standard equipment, and attached equipment, as specified below, of current year of manufacture, design, and production, serviced, ready to operate, and shall be delivered at the earliest possible date.

#### **1. TRUCK CHASSIS**

- 1.1. BASE CHASSIS: 6x4 with a 214-inch maximum wheelbase, 130 inch plus or minus 2-inch cab to axle and 53-inch axle to frame.

- 1.2. FRAME: ½ x 3.64x11-7/8-inch steel frame, 120 KSI, 12-inch integral front frame extension. Frame RBM-per rail (lbf-in): 3204000. Pintle hook mounted 31 inches from floor to center of hook.
- 1.3. BUMPER: Front, steel, swept back and painted gray.
- 1.4. FRONT AXLE: Axle, front, I-Beam type with 20,000-pound capacity. (MFS-20-133A FL1 single front axle).
  - 1.4.1. Include springs 9,500 pound left and 10,500 pound right.
  - 1.4.2. Flat leaf front suspension and front shocks.
- 1.5. BRAKE SYSTEM: Air dual system for straight truck applications with trailering air and electrical supplied to include:
  - 1.5.1. Brake chambers, spring (4) rear parking.
  - 1.5.2. Dust shields front and rear brakes.
  - 1.5.3. Slack adjustments, front and rear automatic.
  - 1.5.4. Inversion valve and double check valve.
  - 1.5.5. Tractor protection valve shall be included for trailering. Air and electrical shall be supplied to rear of vehicle for trailer hookup.
  - 1.5.6. Quick release valve on rear axle.
- 1.6. FRONT BRAKES: Air CAM S-CAM 16.5-inch x 6.0 inch; includes 24 square inch brake chambers.
- 1.7. REAR BRAKES: Air AM S-CAM 16.5-inch x 7.0 inch; includes 30 square inch MGM spring actuated parking brake chambers.
- 1.8. DRAIN VALVES: Manual with pull chain located on air truck.
- 1.9. AIR BRAKES ABS: (Bendix Antilock Brake System) full vehicle wheel control system (4-channel).
- 1.10. AIR DRYER W/HEATER: (Bendix AD 951) standard location.
- 1.11. AIR COMPRESSOR: BM mode/BA-921, 19.0 CFM or equivalent, dual air pressure gauges.
- 1.12. STEERING GEAR: TRW-THP-60 power steering with RCH 45 auxiliary gear or equivalent with 4-quart power steering reservoir. Steering wheel shall have tilt function and telescoping function.
- 1.13. EXHAUST SYSTEM: Right hand outboard under step mounted horizontal after-treatment system with right hand b-pillar mounted vertical tailpipe.
- 1.14. ELECTRICAL SYSTEM: 12-volt, standard equipment with data link connector for programming and diagnostic in cab to include:
  - 1.14.1. Turn signal flasher.

- 1.14.2. Turn signal switch self-canceling with integral hazard switch.
  - 1.14.3. Headlight dimmer switch integral with turn signal switch.
  - 1.14.4. Windshield wiper switch 2-speed integral with turn signal switch with wash, mist wipe intermittent feature.
  - 1.14.5. Circuit breakers, manual reset SAE type III.
  - 1.14.6. Headlights (2) sealed beam, with day time running lights.
  - 1.14.7. Horn, electric.
  - 1.14.8. Parking light integral with front turn signal and rear tail light.
  - 1.14.9. Stop, turn, dual tail and backup lights, rear; combination with reflector.
  - 1.14.10. Starter switch electric key operated.
  - 1.14.11. Turn signals, front fender mounted with integral reflectors, marker lights and auxiliary side turn signals.
  - 1.14.12. Wiring, chassis color coded and continuously numbered.
- 1.15. HORN: Air (2) chrome with single pedestal mounting and snow shields.
- 1.16. BACK-UP ALARM: Electric 102 DBA.
- 1.17. AUXILIARY HARNESS: 3 feet for plow lights and signals.
- 1.18. ALTERNATOR: 12-volt 160-amp capacity.
- 1.19. SWITCH BODY CIRCUITS: Extra 10 ignition-controlled switches with indicator light, 20 amp per switch wired behind the passenger seat.
- 1.20. BATTERY SYSTEM: 3 each 12-volt maintenance free 775 CCA batteries with battery box mounted under passenger seat and vented to outside.
- 1.21. BATTERY DISCONNECT SWITCH: Lever operated, mounted to the left inside cab.
- 1.22. HEADLIGHTS: Long life LED for two light system.
- 1.23. RADIO: AM/FM stereo with weather band, premium Bluetooth sound system, electronic tuning and clock including multiple dual cone speakers.
- 1.24. TEST EXTERIOR LIGHTS: Pre-trip inspection will cycle all exterior lamps except back-up lights.
- 1.25. COURTESY LIGHTS: (2) mounted in front of the map pocket on the left and right side.
- 1.26. POWER WINDOW: Both.
- 1.27. FRONT END: Front end tilting, fiberglass, with service access hatches to include chrome grille.

- 1.28. PAINT SCHEMATIC: Single color cab, red; wheels shall be white, black frame; gray front bumper.
- 1.29. AIR CLEANER: Heavy duty with restriction gauge, inside and outside snow valve.
- 1.30. COLD STARTING EQUIPMENT: 120-volt block heater with receptacle socket mounted below driver's door.
- 1.31. ENGINE: Diesel, 13 liter minimum, 505 HP=1850 lb. ft torque to include:
  - 1.31.1. Gauge, air cleaner restriction air cleaner mounted.
  - 1.31.2. Engine shutdown electric, key operated.
  - 1.31.3. Governor electronic.
  - 1.31.4. Throttle, hand control electronic, instrument panel mounted.
  - 1.31.5. Oil filter, engine spin-on type.
  - 1.31.6. Timer idle shutdown.
  - 1.31.7. Fuel filter engine mounted.
  - 1.31.8. Water filter.
  - 1.31.9. One each: service manual; repair manual; parts manual.
  - 1.31.10. Extended life antifreeze.
  - 1.31.11. Diesel exhaust fluid tanks mounted for clean cab to axle (C.A.).
  - 1.31.12. Jacobs compression brake.
- 1.32. FAN DRIVE: Automatic on/off type with fan override switch mounted in dash.
- 1.33. RADIATOR: Heavy 1500 square inch aluminum radiator with serviceable throw hood hatches to include:
  - 1.33.1. Anti-freeze -40F (-40C).
  - 1.33.2. Deaeration system with tank and sight glass.
- 1.34. TRANSMISSION: standard Eaton Fuller RTLO 16918B 18-speed transmission to include:
  - 1.34.1. Transmission oil coolant.
  - 1.34.2. Easy pedal, 2-plated clutch diameter 1900 lb. ft torque.
  - 1.34.3. Greaseable release bearing.
  - 1.34.4. Ground speed wire for plow equipment (for future use).
- 1.35. REAR AXLE: Tandem (Meritor (Rockwell) RT-46-164) single reduction 46,000-pound capacity to include:
  - 1.35.1. Lube oil pump.
  - 1.35.2. Driver control Full locking driver control differentials.
  - 1.35.3. Full locking driver control differentials.
  - 1.35.4. Separate switch (2) for each locking rear end.
  - 1.35.5. Separate switch (1) for power divider.
  - 1.35.6. Synthetic oil.

- 1.36. SUSPENSION, REAR TANDEM: Hendrickson Haulmaax HMX-460-54, walking beam type, 46000-pound capacity to include:
  - 1.36.1. Rubber end bushings.
  - 1.36.2. Bar pin beam attachment.
  - 1.36.3. FORE/AFT and transverse control rods.
- 1.37. FUEL TANK: Top draw, aluminum with stainless steel straps, 80-gallon minimum capacity with step, mounted left side under cab for clean C.A.
- 1.38. CAB: Conventional, premium cab interior trim to include:
  - 1.38.1. Arm rest (2) molded plastic, one on each door.
  - 1.38.2. Cup holder, center bottom of dash.
  - 1.38.3. Floor covering rubber, black.
  - 1.38.4. Interior sheet metal painted, color same as cab.
  - 1.38.5. Console, overhead molded plastic with dual storage pockets, retainer nets, and CB pocket.
  - 1.38.6. Ash tray, instrument panel mounted.
  - 1.38.7. Clearance/marker lights, (5) flush mounted.
  - 1.38.8. Glass, all windows tinted.
  - 1.38.9. Grab handles, left and right cab interior, left and right outside.
  - 1.38.10. Ground speed wire for plow equipment.
  - 1.38.11. 2-way radio: Motorola CM300d with cab mounted antenna.
  - 1.38.12. Heated windshield(s).
  - 1.38.13. Power heated mirrors.
- 1.39. FENDER EXTENSIONS: Rubber.
- 1.40. SAFETY: Flare/reflector kit; fire extinguisher mounted in cab.
- 1.41. MIRRORS: Dual power west coast stainless steel mirrors. 102-inch-wide spacing, heated with left and right 8-inch stainless steel convex mirrors mounted below primary mirrors.
- 1.42. GAUGE CLUSTER: English with English electronic speedometer and tachometer for air brake chassis to include:
  - 1.42.1. Hour meter electronic, mounted in cluster.
  - 1.42.2. Dual air pressure gauge.
  - 1.42.3. Engine oil pressure gauge.
  - 1.42.4. Water temperature gauge.
  - 1.42.5. Voltmeter.
  - 1.42.6. Warning system, audio/visual for low fuel, oil pressure, engine temp, low voltage
- 1.43. DRIVER SEAT: National 2000 or approved equivalent, leather covered, air suspension, high back, isolated with 2-position front cushion adjustment, minus 2-degree to plus 14-degree back cushion adjustment, mechanical lumbar support to include:

- 1.43.1. Seat belt, 3-point, lap and shoulder belt type.
- 1.44. PASSENGER SEAT: Non-suspension, leather covered to include:
  - 1.44.1. Seat belt, 3-point, lap and shoulder belt type.
- 1.45. HEATER: Heater, defroster, and air conditioner.
- 1.46. CAB REAR SUSPENSION: Air bag type.
- 1.47. CAB INTERIOR:
  - 1.47.1. Door storage pocket, door metal, full length driver door.
  - 1.47.2. Headliner, padded.
  - 1.47.3. Instrument panel trim molded plastic, gray or black with cup holder.
  - 1.47.4. Dome light door activated.
  - 1.47.5. Sun visor (2).
  - 1.47.6. Coat hooks on right hand back wall of cab.
  - 1.47.7. Door trim panels.
- 1.48. CAB EXTERIOR: 3-steps mounted on each side of chassis.
- 1.49. FRONT WHEELS: 22.5 x 9.5 10,000 lb. wheels
  - 1.49.1. Front Tires: Goodyear G296 MSA, 315/65R22.5, 20-ply, radial front tires
- 1.50. REAR WHEELS: 22.5 x 9.00 10,000 lb. wheels
  - 1.50.1. Rear Tires: Goodyear G182RSD, 12B22.5, 16-ply, radial rear tires

**2. PLOW EQUIPMENT:** Shall include the following:

One (1) new high lift wing tower, HS snowplow unit complete with sweeper plow with 11 foot cutting edge and one (1) 11 foot cutting edge wing. Plow, wing, and all equipment and accessories necessary for the safe and efficient operation of the unit shall be included per the following specifications. This shall include but not be limited to, led strobe lights front and rear, led wing and sander lights, and plow lights.

- 2.2. GENERAL: Shall consist of control valve assembly, hydraulic cylinders, oil reservoir, enclosed valve cabinet, front and removable rear beam, and all necessary hose lines and fittings for operating the equipment. The power hydraulic unit shall be located within a clear space of not less than eighteen inches (18") behind the cab and in front of the dump body or spreader.
- 2.3. IN-CAB DETAILS: Prior to installation of driver accessible pneumatic plow and wing controls, Bidder must consult with Owner to determine exact location. "Dog House" must be removable without removing pneumatic controls.
- 2.4. CONTROL UNIT: The control unit shall have a component enclosure, which includes a removable access panel. The bottom of the enclosure shall serve as a cross member and to add strength to the general assembly, it also shall be



constructed from minimum ten inch (10") structural channel. This unit shall serve as the attachment point of the removable rear beam. Plow and wing control valve may be bulkhead mounted within the control cabinet. The oil reservoir shall have a capacity of not less than thirty (30) US gallons. It shall be made of not less than 10-USS gauge, oil finished steel. It shall be equipped with an oil sight/temperature gauge, a filling strainer, baffle plate, sediment trap, and breather vent.

- 2.5. REMOVABLE REAR SUPPORT BEAM: Shall be weldment, which consists of a minimum of 12" WF beam at 22 lbs./ft and 12" channel at 20.7 lbs./ft, joined on two sides by 1/4" thick steel plate to provide a box section with a total weight of 52 lbs./ft and an RBM of not less than 1,690,000-inch pounds. The beam shall be adjustable in height and readily removable without disturbing the hydraulic reservoir, valves and controls. To enhance both beam and chassis frame loading, the beam shall be located so that the web is at 25-degree angle to the center line of the chassis. The rear beam shall bolt to the stationary control unit behind the chassis cab. The beam shall be 102" overall length, and 126" from the ground to the top of the beam.
- 2.6. REAR CONTROL CYLINDER: This cylinder shall not be less than a 3 1/2" diameter by 34" stroke single acting type located within the controls cabinet. The Nitrite process shall harden the cylinder rod. The cylinder shall be equipped with sheaves having graphite oil impregnated bronze bushings with grease fittings and shall be reeved with 1/2" diameter extra flexible plow steel wire rope, 8 x 19 I.P.S. preformed.
- 2.7. BRACE CONTROL CYLINDER: The cylinder shall be a telescopic type, double acting type, located outside of the rear support beam. The Nitrite process shall be used to harden the cylinder rod.
- 2.8. FRONT POST: The wing shall be supported at the front of the truck by not less than an 8 inch "I" beam offering a R.B.M. of not less than 518,000-inch pounds, which in turn shall attach to the front snow plow hitch with not less than one 7" x 4' x 3/8" tubing and extra heavy pipe bracing. Mounted directly to the 8 inch "I" beam shall be the front control cylinder. The front post shall be 117" overall length and 129" from the top of the post. The front cylinder shall be a minimum 3 1/2" x 43" stroke single type. It shall be reeved so to provide not less than 86" of front slide travel. The cylinder shall have a rod hardened by the Nitrite process, not chrome shafting. NOTE: In the interest of clearance and safety, no portion of this cylinder shall project above the beams.
- 2.9. WING BRACES, ST (FULL TRIP TYPE): The two arms shall run parallel to each other on 17" centers and shall be telescopic and adjustable in length. The inner sections shall be 2- 3/8" diameter solid steel round. The outer sections shall be 3" diameter seamless tube with 1/4" diameter attachment bolts. The lower brace shall have a 5/8" diameter compression spring to absorb impact. The upper brace shall incorporate a tension spring to assist the full trip moldboard set-up.

This spring shall work together with the front trip dee. Open length 75" Theo  
Closed length 60" Theo.

- 2.10. SAFETY TRIP PIVOT DEE: The "ST" nomenclature denotes a trip pivot on the front tower to allow the wing moldboard to trip forward when an obstacle is encountered. The trip device incorporates a 7/8" diameter wire tension spring to actuate the unit. This unit includes a lock-out pin for shelving purposes.

### **3. SPREADER/DUMP BODY EQUIPMENT**

Spreader/dump body specifications for tandem truck shall be thirteen (13) feet in length, eighty-six (86) inches inside width, ninety-eight (98) inches outside width, height: thirty-eight (38) inch sides and fifty (50) inch rear; twenty-four (24) inch cab shield.

#### **3.1. CONSTRUCTION:**

- 3.1.1. The body will be conventional dump body as well as a material spreader all in one with 2 tailgate holes and central grease location.
- 3.1.2. Front shall be constructed of 3/16" corrosion resistant high tensile steel plate (55,000 lbs./in), reinforced with two (2) channels. Front shall be 3" higher than cab height (including the accessories).
- 3.1.3. Cab shield shall be constructed of 44W, 10GA.
- 3.1.4. Sides shall be constructed of 3/16" reinforced with three (3) vertical side posts welded 100% entirely. The top rail shall be 4" x 4" with side board gussets at each end. All horizontal bracings shall be tapered to shed dirt. Steps with drop down ladder shall be welded on the side of the body with a grab handle.
- 3.1.5. A double acting air operated tailgate constructed of 3/16" reinforced with at least four (4) vertical and two (2) horizontal braces.
- 3.1.6. Body inside width to be tapered design for quick load release.
- 3.1.7. Floor to be 1" wider at rear than front.
- 3.1.8. Floor shall be constructed of 1/4" shock and abrasion resistant 185,000 PSI steel with 3inch "I" beam cross members. The floor and the right side of the body shall move as one unit and tip to the left to feed the conveyer.
- 3.1.9. A conveyer with a front chute shall be installed on the left side of the floor. A conveyer with hinges and grease fittings shall be provided for protection when the body is used for conventional hauling. The cover shall be constructed of 1/4" steel.

- 3.1.10. An adjustable manual discharge gate shall be installed at the left front of the body for the purpose of controlling the amount of material to the spinner.
- 3.1.11. The hinge pins of the lifting floor section shall be 1 ¼" stainless steel. All bushings shall have grease fittings. The design of the hinge shall prevent any accumulation of material which could cause stress in this critical area.
- 3.1.12. The sides and the floor shall be joined together by a ¼" plate. The right side shall be mounted integrally with the lifting floor and a SOLID CURBSIDE OUTER WALL shall be constructed for added strength, security, and support. This is a critical section as it protects the side tilt floor section as well as the rear and front corners against loading damage.
- 3.1.13. The longitudinal shall consist of 2 each 10" structural "I" beams. The "I" beams shall be joined at the rear by a 13" apron. Two 4" x 4" tubing reinforcements shall be placed between the two beams at the point where the two tilt cylinders are fixed. A 3/8" plate shall join the "I" beams at the front and shall be used as the attachment for the cylinder base.
- 3.1.14. There shall be holes provided for stop, turn, and tail lights in the rear corner posts.
- 3.1.15. The successful bidder shall contact the Road Commissioner prior to installing the dump body to coordinate dump body hinging and mounting.

#### **4. CONVEYOR SYSTEM:**

The spreader chain shall be self-cleaning and consist of two (2) strands of 24,000 lb. ultimate strength steel 88k with 3/8" x 1 ¼" bar flights on 7-7/8" centers. The chain shall travel in a recessed trough with a 3/16" thick steel floor. The outside width of the chain shall be 18 "or equivalent

- 4.1. The drive box shall be driven by a hydraulic motor with 25:1 reduction worm gear. The drive shall have brass gears. The gearbox shall be mounted with a 1 ½" shaft, two 8 teeth sprockets and a flange bearing. The front drive-shaft, sprockets, and gearbox assembly shall be removable as one unit. At rear, two bearings shall be mounted on a sliding system holding a 1 ½" shaft with two round wheels.
- 4.2. Chain tension shall be adjusted by two (2) grease cylinders mounted on the sliding system.
- 4.3. A truck frame mounted spinner shall be installed at the left front of body. It shall include a molded rubber spinner disc. The spinner arrangement shall include a kemlite, or equal, discharge chute, a drive shaft with hydraulic motor and mounting bracket. The top mounted motor shall be supplied with quick disconnect hydraulic couplings. The spinner shall be adjustable in width to

facilitate control of spreader pattern and concentrations. All shall be readily removable.

## **5. HYDRAULIC SYSTEM:**

- 5.1. The hoist shall be front mounted three (3) stage telescopic cylinder with a capacity of 30 tons which will allow the body to be raised to a 50-degree angle. A safety prop shall be provided and installed under the body.
- 5.2. The lifting floor shall be raised by two (2) each 4-inch interior diameter (I.D.) x 22-inch double acting cylinders. The floor in the full lift position shall be at least 38 degrees. A safety body prop shall be installed on the underside of the lifting floor. An oil flow divider shall be installed to insure uniform lifting of the dual cylinders under the floor. All cylinders shall have a minimum two (2) year manufacturer's warranty.
- 5.3. All hydraulics shall be supplied and operated by/from a commercial, front mounted pump package.

## **6. FINISH and CONTROL SYSTEM:**

- 6.1. Dump body shall be sandblasted prior to priming. Two coats of epoxy primer shall be applied. The finish color shall be red.
- 6.2. Spreader control system shall be manual controls.
- 6.3. A 80-gallon tank, pump, and deicer spray system mounted in head board or convenient location. Pump shall be Sotera 13-gpm with variable speed controller or approved equal.
- 6.4. All hydraulics shall be supplied and operated by/from commercial, front mounted pump package

## **7. ALTERNATE ITEMS**

The following items may or may not be selected at the discretion of the Towns:

- 7.1. TRADE-IN PRICE (required by to be submitted by Bidder): 2000 International 2574 wheeler truck with 11-foot moldboard Frink plow, 11-foot wing, and 4 season body
- 7.2. ADD ALTERNATE #A1: Cost for an extended warranty that covers 100% of the parts and labor for the following: emissions system, fuel system, electrical (instruments, alternator, starter, wiring, and lighting) system. The Extended Warranty shall be minimum 60 months, 200,000 miles, 7200 hrs. from DTU date

7.3. ADD ALTERNATE #A2: Cost of diagnostic software for truck, engine, and transmission including connection from CPU to owner-supplied laptop computer

**End of Technical Specification**



**STATEMENT OF BIDDER'S QUALIFICATIONS**  
(If desired, the bidder may submit additional information)

Name of Bidder: \_\_\_\_\_

Bidder is: Corporation ( ) Partnership ( ) Individual ( )

Permanent Main Office Address: \_\_\_\_\_

\_\_\_\_\_

Federal ID Number: \_\_\_\_\_

When Organized: \_\_\_\_\_

If a corporation, where incorporated? \_\_\_\_\_

How many years have you been engaged in business under your present firm or trade name? \_\_\_\_\_

A financial statement may be required of the successful bidder prior to award.

The Undersigned hereby authorizes and request any person, firm, or corporation to furnish any information requested by the Towns of Mapleton, Castle Hill, and Chapman in verification of the recitals comprising this Statement of the Bidder's Qualifications.

Attest Name of Bidder: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Dated: \_\_\_\_\_

**“PLOW TRUCK” BID FORM**  
Bid Opening October 16, 2022 at 2:00 p.m.

Submit to: Town Manager  
103 Pulcifer Rd  
Mapleton, Me 04757

Bidders Name: \_\_\_\_\_

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

Telephone No./Email  
Address: \_\_\_\_\_

The following bid is submitted in response to the Request for Bid for a tandem axle truck with dump body, sander, and plow equipment.

The undersigned certifies that the information provided on the Bid Form is correct.

Have all specifications been met? \_\_\_\_\_yes \_\_\_\_\_no If no, have all deviations been listed on a separate page attached to this Bid Form? \_\_\_\_\_yes \_\_\_\_\_no

Does the Bidder meet the qualifications per Section 3 and provided attachments, if required, to this Bid Form? \_\_\_\_\_yes \_\_\_\_\_no

Make/Model/Year \_\_\_\_\_

Truck Cab/Chassis Bid Price \$ \_\_\_\_\_

Body and Plow Equipment Bid Price \$ \_\_\_\_\_

Total Base Bid (sum of two bid lines above) \$ \_\_\_\_\_

2004 International 7500 Wheeler, Plow,  
Sander Trade-in Price \$ \_\_\_\_\_

Add Alternate #A1: Extended Warranty Price \$ \_\_\_\_\_

Add Alternate #A2: Diagnostic Software Price \$ \_\_\_\_\_

Delivery Date \_\_\_\_\_

Signature: \_\_\_\_\_

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

Date: \_\_\_\_\_

**By affixing my signature, I certify that I have the authority to submit and bid and further certify that this bid meets or exceeds all requirements of the bid.**