

2017 – DUMP BODY SPECS. & PLOW EQUIPMENT *Highway Department – Pelham, NH*

It is the intention of this specification to describe a heavy duty dump body and plow equipment with central hydraulic system as outlined in the following specifications:

Bidders are cautioned to list any and all deviations from these specifications in order for their bid to receive full consideration. Bidders that do not fully list and explain deviations from these specifications shall be considered as “non - responsive”. Bidders shall furnish complete manufacturers detained literature and written specifications with their proposal. The use of manufacturers’ names and/or model numbers is strictly for the purpose of indicating the quality of materials required.

#1 Heavy Duty S/S Combination Dump Body/Spreader:

The body shall be 10’ long by 88” wide – Side Dump. The **entire body** with the exception of the floor shall be fabricated from **stainless steel**. The floor of the body shall be 3/16” Hardox 450. There shall be at least a 24” **stainless steel** cab shield. Front telescopic Nitrated double acting cylinder and two floor tilt Nitrated double acting cylinders for side dump. Body props for dump body and for side dump. Air tailgate control, electric tarp system with mesh tarp, left side **S/S folding ladder**. First step no more than 15” off ground level, rear poly fenders,(6) panel tail gate with **3 S/S coal doors in tailgate**, ice lights, reflectors, **remote grease fittings for all grease fittings**, rear mud flaps. .

#2 Plow Equipment:

Front Hitch: Power tilt with dual acting cylinder. 48” front wing post with trip hinge. Must have hydraulic hook-up for power angle for front plow and front mounted remote. **31” and 22” plow pin centers with three pin heights**.

#3 Rear Attachment:

High lift benching wing post with double acting lift cylinder.

#4 Side Wing:

10' wing with heavy duty arms, full trip, double acting cylinder, 12" on center bolt pattern for cutting edge.

Front Plow:

11' Power Angle, Trip cutting edge, Swivel plate With 30.5" Push Plates. 12" on center bolt pattern for cutting edge.

#5 Hydraulic System:

Central hydraulic system with a load sense pump, low oil shut down with low oil light. Forty (40) gallon hydraulic tank with filter and sight gauge on **all S/S lines**.

#6 Control Valve:

Seven (7) section hydraulic valve Gresen V20 or approved equal. Low friction cable controls. Connector kits will be utilized on the valve end to enclose the valve spool. **Control pattern and lever location will be provided by the town at time of construction**. Also, a front remote for the front plow frame tilt.

#7 Sander Valve:

A Closed Loop Ground speed control system.

#8 Quick Connect Fittings:

To be installed at all removable attachments. Lighting: Stop, tail, turn and back-up and strobe lights will be mounted in the rear corner posts of dump body. One roof mounted and two corner post quad flash strobes in headboard. plow lights, wing and spreader light, move factory lights to inside of truck frame, all marker lights to comply with current motor vehicle laws.

#9 Pintle Plate:

Pintle plate with pintle hitch and "D" rings and a 7 flat pin plug for trailers and factory lights cut into pintle plate.

All equipment to be installed and fully operational.