

PennDOT Snow Plows

INTENT: Multiple Award Contract to purchase Snow Plows.

A. Specifications: All plows

1. Plow hitch shall be compatible with agency plow frame: EQN-34 and EQN-50
2. Paint: For PENNDOT Yellow, reference DuPont F9885, PPG 85246, Sherwin Williams 73266, and NAPA 73266.
 - > Pricing shall also be provided for manufacturer's standard yellow paint.
3. Snow deflector shall be mounted to the top edge of moldboard: EQN 37B
4. Highly visible left and right snow plow guides shall be supplied. (Reference part no. Buyers B2036 or Signs and Safety Equipment SPT-36).
5. Plow to lift swivel, type shall depend on type of plow delivered. Reference: EQN-39 and EQN-43 or prior approved manufactures standard.
6. A cadmium plated lift chain shall be supplied: .438in/1.113cm size and 10ft./3.048m to 13ft./3.9264m long as required for the various types of plows supplied.
7. A lifting bail shall be supplied to handle the plow in a balanced manner when unloading or moving.
8. Plow numbers shall be welded on plow before priming and painting. Manufacture to supply serial number(s) at receipt of the purchase order. The Department will then foreword equipment numbers to the vendor.
9. All plows shall be tagged with a non rusting metallic tag containing the manufacture serial number, model number and weight, and be affixed to the plow on the upper right backside of the plow as viewed from the rear.
10. All plows shall work in conjunction with Pa-DOT wing plows.
11. Manufactures plow circle / frame adjustable height shoes will not be installed from manufacture as standard equipment. (See options available)

For Worm drive/cylinder drive reversible and South Dakota PA-DOT Spec'd Plows the following shall include;

1. Four (4) foot long hoses, hydraulic quick couplers, one (1) male and one (1) female, Aeroquip 5100 series.
2. Angling cylinders shall be double acting with cushion valve (cross port relief) to protect the cylinders and a counter-balance valve 3/8"SAE port installed on plow. Reference Gresen LOAD6

OPTIONS: Plow Blades (Are only available from this contract when plow(s) initially purchased)

1. Standard carbide blade equipped with moldboard shoes
2. JOMA 6000 plow blades with JOMA 6000 attachment components including clamp bar and Winter Equipment Company style backer blades equipped with carbide inserts.
3. Kueper Blades, Tuca SX Wave
4. Kueper Blades, GK5

Option: Plow frame wear shoe (Are only available from this contract when plow(s) initially purchased)

1. Adjustable height wear shoe.
2. Adjustable height caster wheel type.

B. Tow Plow

1. MSO/ Certificate of origin, and MV 1 to be supplied to the Department at time of delivery.
2. Tow plow must be equipped with a lighted license plate mounting bracket.
3. Whelen light package, (2) M6BTDD on rear(stop turn tail), (2) M6AD on rear(yellow warning) and (4) M6AD (yellow warning) strategically placed on left side to face rearward when in plowing mode, final position to be discussed at pre-build meeting, Manufacture to provide remaining marker and ICC lighting, wiring shall be Grote, Trucklite, or pre-approved equal.

Options: Tow Plow

1. Anti Ice, Liquid Tank
2. Hopper Sander
3. 304L stainless Steel hopper construction, Hopper hydraulic plumbing, hydraulic conveyor and motor with sensor(note, this option must be ordered with Hopper Sander option)
4. 225 gal. Poly pre wet tank installed on tow plow with plumbing and spray nozzles.
5. Joma 6000 blades with JOMA 6000 attachment components including clamp bar, with Winter Equipment Company style backer blade equipped with carbide inserts.

NOTE: Delivery will be direct to the County ordering the unit. Freight will be a separate line item at time of quote. Delivery will be 90 days from receipt of purchase order. (Reference "Specifications Part 1", Page #3 of 3, Section titled "Shipping").

DRAWINGS:

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|---------|----------|--------------|--|
| EQN 16A | 06/14/07 | Page 1 – 2 | Steel cutting edges for snow plows. |
| EQN-34 | 03/01/99 | Page 1 – 15 | Reversible plow specifications and drawings. |
| EQN-50 | 08/02/07 | Pages 1 – 4 | Low profile plow mounting specifications and drawings |
| EQN-37 | 04/11/07 | Pages 1 – 12 | One way plow overview, severe duty, trip type, 721B, 712, 721, and 731 |
| EQN-37B | 06/12/07 | Page 1 of 1 | Snow plow snow deflector specifications and Drawings |
| EQN- 39 | 06/15/07 | Page 1 of 1 | Plow hitch to swivel specifications and drawings. |
| EQN- 43 | 06/22/07 | Page 1 of 1 | Plow to hitch swivel sliding specifications and drawing. |

JKF 1/17/2013