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Account: Village of Bristol
Name: Mike Hole
Address: 19801 83rd Street
Bristol, WI 53104

Date: 4-8-2024
Email: mechanic@villageofbristol.org
Phone: 262-857-9554
Note: Tandem Patrol Truck

A. Henderson Mark E 14' Stainless Steel Dump Body

1. 14' long x 86" wide inside with 44" high straight sides
2. Uni-body design (no crossmembers)
3. 8" I-beam longitudinal (no splices)
4. One piece seven (7) gauge GR50 sides and head sheet
5. One piece 1/4" AR400 / 180,000 psi tensile strength seamless floor with 5" side to floor radius (one piece with floor not a welded in joiner)
6. Dirt shedding boxed top rail
7. Ten (10) gauge GR50 steel lower rub rails
8. (3) v-crimp horizontal braces
9. Seven (7) gauge 304 stainless steel rear corner posts
10. Three (3) panel seven (7) gauge AR400 steel tailgate sheet has full perimeter boxing with two (2) horizontal steel brace, tailgate latches are flame cut steel and are mounted to a 1/4" steel reinforcing plate attached to the body by continuous seam welding for extra strength and reliability, 1 1/4" upper and lower greaseable pins, greaseable lower latches
11. Spreader chains to limit tailgate opening with hooks on tail gate to store chains when not in use
12. 22" x 78" stainless steel cab shield full welded to top rail of body(no overlap of cab shield and headsheet)
13. 4" Ship channel side boards painted black and bolted to body
14. Body will be sand blasted and primed at the factory and top coated to match cab after installation
15. Henderson 88/24 twin cylinder sub-frame hoist
16. Factory supplied air trip tailgate release at rear
17. Driver side slide out ladder for easy access of dump body with step inside of body
18. Stainless steel walk rail on both sides of body
19. Stainless Steel Steps to be welded to side of body above pull out ladder.
20. DC-3200 vibrator
21. One (1) year body warranty
22. Installed complete with Casper's mudflaps

B. Varitech Pre-Wet System

1. 100 Gallon poly tank Frame mounted
2. Stainless Steel Frame
3. 3 Brass nozzles
4. Flowmeter
5. Installed complete



C. Henderson TGS 6 Stainless Steel Material Spreader

1. 6" continuous flight auger with 1/2" bar stock flighting welded to 2 3/8" O.D. schedule 80 pipe
2. 7 ga. trough and rear panel, 1/4" end plates, all 304 stainless steel. One piece 304 upper rear panel. 304 stainless steel hinge rod and handle on trough cover, bottom trough hinged to provide access for auger clean out. 1/4" 201 stainless steel access plate bolted to trough end plate provides drive motor mount and side access to the auger for replacement. Trough has auxiliary opening on curbside for high volume shouldering
3. Auger supported by 1 1/4" diameter shaft running in greaseable ball bearings that are flange mounted on outside of the trough ends. Auger drive motor shaft and idler bearing shaft has polyurethane insert to prevent seizing due to corrosion
4. Hopper discharge opening has a 201 stainless steel anti flow shield preventing free flow of granular material from the trough when the auger is stopped
5. Auger is driven by high torque, low speed, 18.7 C.I.R. motor directly coupled to the auger
6. 18" polyurethane spinner disk, directly driven by a high torque, low speed 2.8 C.I.R. Char-Lynn hydraulic motor mounted underneath spinner
7. 304 stainless steel stationary shield mounted in front of spinner to protect truck under carriage. Spinner adjustable from left to right and can be removed without tools.
8. End spill shields included to mount on tailgate to eliminate side spill bolted through tailgate sheet not tailgate bracing
9. Metal surfaces are high pressure cleaned with phosphate solution to remove slag, splatter, oxide, and oil residue. Natural stainless steel finish, carbon steel parts painted black
10. Installed complete

D. Universal CSTP 11-40 Poly Snow Plow

1. 11' wide x 40" tall (trip cutting edge adds approximately 4" to advertised plow height measurement)
2. 3/8" UHMW Black poly moldboard plow with integral snow shield
3. Universal snap link quick hitch
4. Ten (10) 1/2" x 3-1/2" ribs fully welded plow frame assembly
5. 1/2" washers welded to ribs for 1" bearing surface where push frame attaches
6. Horizontal support angles are 3" x 3" x 1/2" with 1/4" flat steel gusset
7. Two (2) heavy duty 4" x 10" power reversing cylinders with 2" Nitrided Rods
8. DXV cushion valve to protect reversing cylinders, installed on the plow
9. Reversing cylinders are mounted above semi-circle
10. Push frame is constructed with 3/8" x 4" x 4" x 102" square tubing & has six main hinge points
11. Push frame semi-circle is 3-1/2" x 3-1/2" x 1/2" angle welded to 3/8" x 4" x 4" square tubing
12. Two piece trip cutting edge with individually replaceable trip springs
13. Attack angle is set at approx. 20 degrees (w/ two optional pitch settings- approx. 5 & 10 degrees)
14. 3/4" x 4" x 4" bottom angle (frog) with reinforcing gussets (1/4" x 4" x 7" every 12" on center)
15. 3/8" x 3-1/2" x 3-1/2" top angle with drainage holes
16. 5/8" x 8" cutting edge with standard AASHO punch (250-350 Brinell hardness)
17. 12" rubber snow flap with stainless steel strip
18. Plow end markers
19. Crank adjustable parking stand
20. Installed complete

E. Universal Snap Link Hitch

1. Fold down arm for when plow is disconnected
2. 3 1/2" x 10" double acting lift cylinder
3. Remount OEM front bumper
4. Installed complete



F. Universal AHW/UTF 9 Uni-tilt Front Mount Wing

1. 3/16" moldboard thickness
2. Trip cutting edge with individually replaceable springs
3. Tapered wing in lieu of standard
4. Eight (8) ½" ribs fully welded
5. 1 ½" main pivot bolt, with castle nut and cotter key
6. Adjustable cutting path with nitrogen charged cylinder
7. 10" float at the toe
8. Floating link arm at the heel
9. 3 1/2" x 19" toe cylinder with 2" nitrided rod, (improves speed)
10. 4" x 13" heel cylinder with 2" nitrided rod
11. 5/8" x 4" x 4" lower angle, with reinforcing gussets (1/4" x 4" x 7" every 12" on center)
12. Wing lock installed to prevent wing from drifting down
13. 5/8" x 8" cutting edge with standard AASHO punch
14. Safety chain with rear stop
15. Chain tab installed on the wing moldboard
16. Painted Universal's Omaha orange enamel
17. Plow end marker
18. Wing bag mounted on pass side front with control in cab
19. Installed complete

G. Force America Hydraulic System

1. FASD45L front mount pump
2. FAD-533 Drive line
3. High pressure ball valve
4. High pressure filter
5. VT-35 hydraulic reservoir/valve enclosure combo
 - a. 35 gallon oil reservoir capacity
 - b. In tank filter assembly
 - c. Temperature / level sender
 - d. Full port 2" NPT brass ball shut off valve
6. F. Force America Add a Fold valve for:
 - a. DA hoist
 - b. Double acting plow lift, without float
 - c. Double acting plow reverse
 - d. Double acting wing toe
 - e. Double acting wing heel with up & downside relief
 - f. Double acting wing tele-tube
 - g. Auger
 - h. Spinner
 - i. Pre-wet
7. Force America 5100 EX sander control
8. All plow and wing functions plumbed with ½" hose minimum
9. Force America Patrol Commander Ultra armrest controls
10. Manual pressure relief valve for plow couplers
11. Installed complete



H. Lighting and Electrical

1. Triton LED Heated plow lights mounted to hood with stainless steel brackets
2. Triton TMB-159AG mounted to cab guard
3. Amber incandescent light (4412A bulb) in a rubber housing to shine on wing
4. Amber incandescent light (4412A bulb) in a rubber housing to shine on spinner
5. LED oval stop/tail /turn lights in rear corner posts
6. LED marker lights
7. LED oval amber and green flashing lights in rear corner posts
8. LED oval amber and green flashing lights mounted on top of cab guard facing rearward
9. (2) LED back up lights (1) mounted on each side of rear corner posts
10. LED back up light mounted below the hinge
11. Back up alarm
12. Junction box
13. Installed complete

I. Misc.

1. Minimizer plastic fenders to cover rear wheels mounted to underside of dump body
2. 36" x 18" x 18" stainless steel RC toolbox
3. Premier 50 ton pintle hook mounted to 1" plate with d-rings
4. 7RV plug installed in plate
5. Air brakes for trailer plumbed to pintle plate

Total: \$169,287.00

Sourcewell # - 080818-HPI Henderson

All Sales Tax and FET Tax will be added

Submitted by: Tony Myslicki

Quote firm 30 days

Terms: NET 30

Unless previously arranged, for quotes in excess of \$5,000.00 Casper's requests 25% payment upon approval / purchase order.

By signing below, I agree that I have read, understood, and will comply with the terms of this quote.

Quote accepted by: _____

Title: _____

Date Accepted: _____

PO# _____

Thank You for the opportunity to submit our quote for your consideration

Randy,

Please find attached the specifications and quote for the body and equipment for the tandem axle chassis we originally ordered in August of 2022.

The chassis is due to be delivered August, September of 2024 so we need to get the components ordered to provide us with a timely completion and delivery once the chassis is here.

We are using Casper's truck and equipment. Their shops are located in Appleton and Butler Wi. Our truck will be built at the Butler branch.

Casper's is a Sourcewell vendor, I had the job priced both ways to see how much of a difference the Sourcewell discount makes. It saves us about \$6,000.00 on the price of the body and equipment.

The single axle chassis we still have on order is not scheduled to be delivered till late in 2025.

The combined cost for the tandem axle truck is as follows.

International HX chassis \$167,183.00

Body and Equipment \$169,287.00

Total cost \$336,470.00

Mike