#	ITEM DESCRIPTION	YES	NO	GREATER OR EQUIVALENT SPECIFY
1.0	Vehicle Configuration			
1.1	2021 Model Year Specified			
1.2	Set Forward Axle Truck			
1.3	Trailer Towing Provision at the end of Frame for Truck			
2.0	General Service			
2.1	Utility/Repair/Maintenance Service Government Business Segment			
2.2	Expected Front Axle(s) Load: 22 000 lbs			
2.3	Expected Rear Drive Axle(s) Load: 46 000 lbs			
2.4	Expected Gross Vehicle Weight Capacity: 68 000 lbs			
3.0 3.1	Truck Service Front Plow/End Dump Body			
	,			
4.0 4.1	Engine 450 HP @ 1900 RPM, 2100 GOV RPM, 1650 LB/FT @ 1400 RPM			
5.0	Engine Equipment			
5.1	Oil Fill and Dipstick located for enhanced service		Ш	
5.2	Side of Hood Air Intake with Firewall mounted Donaldson Air Cleaner with Safety Element and Inside/Outside Air with Snow Door		П	
5.3	DR 12V 160 Amp 36-SI Brushless Quadramount Pad Alternator with Remote Battery Volt Sense			
5.4	Maintenance Free 4000 CCA Threaded Stud Batteries			
5.5	LH Battery Box mounted as far as possible, no greater than 60 inches from back of Cab			
5.6	Non-polished Battery Box Cover with 3/16 inch Tether on forward side of Cover/Box			
5.7	Positive Load Disconnect with Cab mounted Control Switch mounted Outboard Driver Seat			
5.8	Minimum 19 CFM Air Compressor with Internal Safety Valve			
5.9	Electronic Engine Integral Shutdown Protection System			
5.10	Jacobs compression brake			
5.11	RH Outboard under Step mounted Horizontal Aftertreatment System Assembly with RH Horizontal Tailpipe			
5.12	RH Standard Horizontal Tailpipe			
5.13	13 gallon Diesel Exhaust Fluid Tank			
5.14	100 Percent Diesel Exhaust Fluid Fill			
5.15	Non-polished Aluminum Diesel Exhaust Fluid Tank Cover			
5.16	Borg Warner (kysor) On/Off Fan Drive			
5.17	Automatic Fan Control with Dash Switch and Indicator Light, non-engine mounted			
5.18	1500 Square inch Aluminum Radiator			
5.19	Antifreeze to -60 OAT (Nitrite and Silicate Free) Extended Life			
	Coolant			

#	ITEM DESCRIPTION	YES	NO	GREATER OR EQUIVALENT SPECIFY
5.20	Gates Blue Stripe Coolant Hoses or equivalent			
5.21	Constant Tension Hose Clamps for Coolant Hoses			
5.22	1350 Adapter Flange for Front PTO Provision			
5.23	Phillips-Temro 1000 Watt/115 Volt Block Heater			
5.24	Phillips-Temro 150 Watt/115 Volt Oil Preheater			
5.25	Chrome Engine Heater Receptacle mounted under LH Door with Current Sensor Light			
5.26	Delco 12V 39MT HD/OCP Starter with Thermal Protection and Integrated Magnetic Switch			
6.0 6.1	Transmission Allison 4500 RDS Automatic Transmission with PTO Provision			
7.0 7.1	Transmission Equipment Primary Mode Gears, Lowest Gear 1, Start Gear 1, Highest Gear 5			
7.2	Secondary Mode Gears, Lowest Gear 1, Start Gear 1, Highest Gear 3			
7.3	Load Based Shift Schedule and Vehicle Acceleration Control Recommended by Allison, this Defined Vocational Use			
7.4	Electronic Transmission Customer Access Connector Firewall mounted			
7.5	Push Button Electronic Shift Control, Dash mounted			
7.6	Synthetic Transmission Fluid (TSE-295 Compliant)			
8.0 8.1	Front Axle and Equipment 23 000 lbs front axle (Turning Radius:)			
8.2	Meritor 16.5X6 Q+ Cast Spider Heavy Duty Cam Font Brakes, Double Anchor, Fabricated Shoes			
8.3	Font Brake Dust Shields			
8.4	SKF Scotseal Plus XL Front Oil Seals			
8.5	Meritor Automatic Front Slack Adjusters			
8.6	TRW THP-60 Power Steering with RCH45 Auxiliary Gear			
8.7	4 Quart Power Steering Reservoir			
8.8	Oil/Air Power Steering Cooler			
8.9	Roadranger Synthetic FE 75W-90 Front Axle Lube			
9.0 9.1	Front Suspension 23 000 lbs front Suspension			
9.2	Front Shock Absorbers			
10.0 10.1	Rear Axle and Equipment RT-46 164P 46 000# R-Series Tandem Rear Axle			
10.2	4.30 Rear Axle Ratio			
10.3	RPL 25 Meritor main Driveline			
10.4	RPL 20 Meritor Interaxle Driveline			
10.5	Driver Controlled Traction Differential - Both Tandem Rear Axles			

#	ITEM DESCRIPTION	YES	NO	GREATER OR EQUIVALENT SPECIFY
10.6	1 Interaxle Lock Valve, 1 Driver Controlled Differential Lock Forward-Rear Axle and 1 Rear-Rear Axle Valve			
10.7	Blinking Lamp with each Interaxle Lock Switch, Interaxle Unlock Default with Ignition Off			
10.8	Blinking Lamp with each Mode Switch, Differential Unlock with Ignition Off, Active <5 MPH			
10.9	Meritor 16.5 x 7 Q+ Cast Spider Heavy Duty Cam Rear Brakes, Double Anchor, Fabricated Shoes			
10.10	Brake Cams and Chambers on Forward Side of Drive Axles.			
10.11	Rear Brake Dust Shields			
10.12	SKF Scotseal Plus XL Rear Oil Seals			
10.13	Haldex Goldseal Longstroke 2-Drive Axles Spring Parking Chambers			
10.14	Haldex Automatic Rear Slack Adjusters with Stainless Steel Clevis Pins			
10.15	Roadranger Synthetic FE 75W-90 Rear Axle Lube			
10.16	Arvinmeritor Metal/Composite Fitting and U-Tube Rear Axle			
	Breathers			
11.0	Rear Suspension			
11.1	Tuftrac 46 000# Rear Spring Suspension or Equivalent			
11.2	55 inch Axle Spacing			
11.3	Fore/Aft and Transverse Control Rods			
11.4	Rear Shock Absorbers - Two Axles (Tandem)			
12.0	Brake System			
12.1	Wabco 4S/4M without Traction Control			
12.2	BW AD-9 Brake Line Air Dryer with Heater			
12.3	Air Dryer Frame mounted			
12.4	Aluminum Air Brake Reservoirs			
12.5	BW DV-2 Auto Drain Valve without Heater -Wet Tank			
13.0 13.1	Trailer Connections Air Connections to end of Frame with Glad Hands for Truck and Dust Covers			
13.2	SAE J560 7-Way Primary Trailer Cable Receptacle mounted End of Frame			
13.3	Upgraded Chassis Multiplexing Unit			
14.0 14.1	Wheelbase & Frame 1/2 x 3.64 x 11-7/8 inch Steel Frame (12.7mm x 301.6mm/0.5 x 11.88 inch) 120 KSI			
14.2	Partial Inner Frame Reinforcement at Front Suspension			
14.3	Body Company Installed Additional Front Frame Reinforcement for Snow Plow	П		
14.4	1775mm (70 inch) Rear Frame Overhanging			
14.5	24 inch Integral Font Frame Extension			
14.6	Heavy Duty Suspension Cross member			
14.7	CA to be 140 inches			-
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#	ITEM DESCRIPTION	YES	NO	GREATER OR EQUIVALENT SPECIFY
15.0 15.1 15.2	Chassis Equipment 80 Gallon/302 Liter Aluminum Fuel Tank- LH 25 inch Diameter Fuel Tanks			
15.3 15.4 15.5	Plain Aluminum/Painted Steel Fuel/Hydraulic Tanks with Polished Stainless Steel Bands Wabco 4s/4m ABS Alliance Fuel Filter/Water Separator with Heated Bowl			
15.6	16 inch chrome front bumper Tires			
16.0 16.1 16.2	Two (2) Michelin XZY-3 425/65R22.5 20 Ply Radial Front Tires Eight (8) Michelin XDN2 11R22.5 16 Ply Radial Rear Tires			
17.0 17.1 17.2	Hubs Conmet Preset Plus iron Front hubs Conmet Preset Plus Iron Rear Hubs			
18.0 18.1	Wheels Two (2) Alcoa LVL one 82462X 22.5x12.25 10 hub pilot 4.68 inset 10 hand aluminum disc front wheels			
18.2	Eight (8) Accuride 28828 22.5 x 8.25, 10 hub pilot aluminum rear wheels			
19.0 19.1 19.2	Spare wheels and tires Two (2) Michelin XZY-3 425/65R22.5 20 Ply Radial Front Tires Two (2) Alcoa LVL one 82462X 22.5x12.25 10 hub pilot 4.68			
19.3	inset 10 hand aluminum disc front wheels Eight (8) Michelin XDS2 11r22.5 16 ply radial rear tires			
19.4	Eight (8) Accuride 28828 22.5 x 8.25 10-hub pilot 2-hand HD steel disc rear wheels			
20.0 20.1 20.2 20.3 20.4 20.5 20.6	Cab Exterior Aluminum Conventional Cab Air Cab Mounts Nonremovable Bugscreen mounted Behind Grille Front Fenders 3-1/2 inch Fender Extensions LH and RH Exterior Grab Handles with Single Rubber Insert			
20.7 20.8 20.9 20.10 20.11	Bright Finish Radiator Shell/Hood Bezel Stationary Black Grille with Bright Accents Chrome Hood mounted Air Intake Grille Fiberglass Hood with Access to Hatches Air Horn Under LH Deck			
20.12 20.13 20.14 20.15 20.16	Dual Electric Horns Halogen Composite Headlamps with Bright Bezels LED Aerodynamic Marker Lights Daytime Running Lights – Low Beam Only Dual West Coast Bright Finish Heated Mirrors with lights			

#	ITEM DESCRIPTION	YES	NO	GREATER OR EQUIVALENT SPECIFY
20.17	RH and LH 8 inch Heated Stainless Steel Fender mounted Convex Mirrors with Tripod Brackets			
20.18	RH Aftertreatment System Cab Access with Polished Diamond Plate Cover			
20.19	Composite Exterior Sun Visor			
20.20	63 x 14 inch Tinted Rear Window			
20.21	RH and LH Electric Powered Windows, Passenger Switches on Doors			
20.22	2 Molded Plastic Door Panel without Vinyl Insert with Aluminum Kickplate Lower Door			
20.23	Center Storage Consol mounted on Backwall			
20.24	2 Cup Holders and RH Dash			
20.25	Wing Dash			
20.26	Smart Switch Expansion Module			
20.27	5 Lbs Fire Extinguisher			
20.28	First Aid Kit			
20.29	Heater, Defroster and Air Conditioner			
20.30	Standard HVAC Ducting with Snow Shield for Fresh Air Intake			
20.31	Denso Heavy Duty Air Conditioner Compressor			
20.32	Premium Insulation			
20.33	Solid-State Circuit Protection and Fuses with Spare Fuse Kit			
20.34	Dome Door Activated LH and RH, Dual Reading Lights, Forward			
	Cab Roof			
20.35	LH and RH Electric Door Locks			
20.36	1 - 12 Volt Power Supply in Dash / dual USB charger in dash			
20.37	Triangular Reflectors Kit without Flares shipped loose in Cab			
20.38	Elite High Back Air Suspension Driver Seat with Heat, 3 Chamber Air Lumbar, Integrated Cushion Extension, Forward and Rear Cushion Tilt and Adjustable Shock		П	
20.39	Basic High Back Non Suspension Tool Box Passenger Seat		H	
20.40	Dual Driver Seat Armrests, No Passenger Seat Armrests		Ē	
20.41	Black Mordura Cloth Driver Seat Cover			
20.42	Black Mordura Cloth Passenger Seat Cover			
20.43	Adjustable Tilt and Telescoping Steering Column			
20.44	Hood liner, added firewall and floor heat insulation			
20.45	One piece tinted curved bonded windshield with heated wiper		_	
	blade park areas			
21.0	Instruments and Controls			
21.1	Lower Air Pressures Indicator Light and Audible Alarm			
21.2	2 inch Primary and Secondary Air Pressure Gauges			
21.3	Intake mounted Air Restriction Indicator with Graduations			
21.4	97 DB Backup Alarm			
21.5	Heavy Duty Onboard Diagnostics Interface Connector located			
	below LH Dash			
21.6	2 inch Electric Fuel Gauge			
21.7	Electrical Engine Coolant Temperature Gauge			
21.8	Transmission Oil Temperature Indicator Light			
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#	ITEM DESCRIPTION	YES	NO	GREATER OR EQUIVALENT SPECIFY
21.9	Engine and Trip Hour Meters Integral within Driver Display and Hobbs PTO Operation Hour Meter			
21.10	Electric Engine Oil Pressure Gauge			
21.11	AM/FM Radio Front and Rear Auxiliary Inputs and J1939 / Bluetooth			
21.12	AM/FM Antenna mounted on Forward LH Roof			-
21.13	Pre-Trip Inspection, All Outputs Flash with Smart Switch			
21.14	Trailer Hand Control Brake Valve			
21.15	Single Electric Windshield Wiper Motor with Delay and Arctic Type Blades			
21.16	Marker Light Switch Integral with Headlights Switch and Dual Connectors and switch for customer furnished Snow Plow Lights, Low Beams off with High Beams			
21.17	Two Valve Parking Brake System with Warning Indicator			
21.18	Self-Cancelling Turn Signal Switch with Dimmer, Washer/Wiper			
	and Hazards in Handle			
21.19	Electric joystick with 6 buttons and console including control switches (successful bidder shall discuss location and conception of center console switches with Town representative)			
21.20	Bosch-Rexroth CS-550 spreader control			No exceptions
21.21	Bosch-Rexroth CS-150 electric joystic c/w control switches and armrest. Pedestal mount and have both height and swivel adjustment			No exceptions
22.0	Design			
22.1	Paint: One Solid Color			
23.0	Color			
23.1	White Elite SS (code N0005EA)			
23.2	Black, High Solids Polyurethane Chassis Paint			
23.3	Sunvisor Painted same as Cab Color			
23.4	PDI Applied Initial Application of Krown KL-73 Anti-Corrosion Spray			
	Сргау		Ш	
24.0	Other	_	_	
24.1	Minimizer winter floor mats, driver and passenger			
25.0	Elliptic spreader body			
25.1	Overall length: 192 ½"			
25.2	Inside length: 168"			
25.3	Inside width: 88"			
25.4	Overall width: 99"			
25.5	Side height: 48"			
25.6	Tailgate height: 54"			
25.7	Approx. Water level capacity: 13.1 cu. yds			
25.8	Approx. capacity with side boards: 15.0 cu. yds		Ш	
26.0	Configuration and spreading pattern			

#	ITEM DESCRIPTION	YES	NO	GREATER OR EQUIVALENT SPECIFY
26.1	The dump body spreader shall be equipped with a longitudinal conveyor mounted in the center of the body which feeds a front cross conveyor, allowing the spreading of material either on the left or right hand side of the unit, ahead of the rear wheels of the truck.			
27.0	Construction			
27.1	All steel used in the construction of the unit shall be Ultra High Strength.			
27.2	Front panel, sides, floor and tailgate material thickness 3/16" Grade 450.			
27.3	Body side shall be breakformed into a polygonal radius shape			
27.4	The body side panels will discharge directly into the longitudinal conveyor with no flat surface between to prevent material hang up and assure gravity flow of the aggregates into the conveyor.			
27.5	Body long members shall consist of ¼" thick HSLA steel "V" shaped formed sections reinforced with tubular cross members welded to a rear sill of 14" deep x 3/16" thick.			
27.6	Spinner assemblies with poly disc and chute			
27.7	Complete electric driven tarpaulin system with electric winch, wiring and in-cab control			
27.8	Central manual lube system for all greasing points of the body			
28.0 28.1	Front panel Shall be sloped for better material flow. Front panel featuring a			
20.1	dog house fabrication will not be accepted.			
28.2	24 inch cab protector, 10 gauge steel			
29.0 29.1	Side panel horizontal reinforcements Rectangular tubing 6" x 4" x 3/16"			
29.1	A formed section top capping shall not be acceptable.			
30.0	Intentionally removed			
31.0 31.1	Rear posts (1) rear post on each side.			
31.2	The post shall be designed to accept marker lights and strobe			
	lights without adding any special light boxes.			
31.3	3 LED lights (amber strobe, red and white) installed in each box rear corner post			
32.0	Tailgate reinforcements			
32.1	(2) vertical posts.			
32.2	(3) self cleaning horizontal reinforcements.			
32.3	The tailgate shall be fully welded.			
32.4	Double acting opening device.			
33.0	Tailgate latching system			
33.1	Shall be operated by (2) 2 1/2" x 6" stroke double acting air			
33.2	cylinders. Cylinders shall be activated by an in-cab pneumatic control.			
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#	ITEM DESCRIPTION	YES	NO	GREATER OR EQUIVALENT SPECIFY
33.3	Cylinder shall be mounted in such a way that the piston rod is in retracted position when the latching is in locked position to assure a better cylinder rod protection against contamination.	П		
33.4	Both left and right tailgate latches shall be individually adjustable to compensate for wear.			
33.5	Cam mechanism to insure tailgate being always in locked position in case of air leakage.			
34.0 34.1	Tailgate hinges Made of steel plate with a minimum thickness of 1/2"			
34.2 34.3	Pivot diameter: 1 1/4" minimum. Single coal door installed in center of tailgate			
35.0 35.1	Side board extension pockets Body sides shall be provided with side board pockets to allow insertion of 2" thick side boards.			
36.0 36.1	Brake system safety requirement The air tailgate system shall include a pressure protection valve to insure air pressure priority for the truck air brake system. In the locked position, air pressure shall be applied on the air tailgate cylinder to further assist the over center locking mechanism built-in with the tailgate release system.			
37.0 37.1	Body under structure (2) long members made of 1/4" thick, 50 W steel, minimum height: 14".			
37.2 37.3	(4) tubular cross members. Rear bumper equipped with door giving access to conveyor			
	components without opening the tailgate.			
38.0 38.1	Tire fenders Steel fenders shall be adapted to the body side panels with an opening of minimum 2" between the body and fenders to allow easy cleaning of the body side panels and its under structure.			
38.2	The fenders shall allow installation of liquid tanks when required.			
39.0 39.1	Rear body hinge construction 2" diameter cast steel upper pivot hinge equipped with grease fittings			
39.2	6" x 4" x 5/8" supporting iron angle.			
40.0 40.1	Front mount telescopic hoist 3 section Mailhot type.			
40.2	Providing a 45° minimum dump angle.			
40.3 40.4	Each section shall be ground and polished. Rubber bumper bolted between the hoist and the front panel.			
41.0 41.1	Cylinder cradle Cylinder cradle bolted on truck frame rails with integrated self positioning safety prop.			
41.2	Cylinder pin equipped with grease fitting and safety lock mechanism.			

#	ITEM DESCRIPTION	YES	NO	GREATER OR EQUIVALENT SPECIFY
42.0 42.1	Longitudinal conveyor The body under structure shall be built to include a longitudinal conveyor located at the center, along the full length of the dump body and shall be designed to feed a front cross conveyor when required. Protective screens meeting safety regulations.			
			_	-
43.0 43.1 43.2 43.3 43.4 43.5 43.6 43.7 43.8 43.9 43.10 43.11	Conveyor chain Shall be extra heavy duty self cleaning pintle type. Model: 88K Pitch: 2.609". Total breaking strength: 49,000 lb. Width: 23 1/2" c/c. Flights: welded at every 4 th links. Dimensions: 3/8" x 1 1/4". Chain links with protective cover. The ends shall be bent upwards to allow welding on both sides of the flight. Rubber flap installed at the front of the conveyor to clean the chain return. Chain adjustment by the means of grease cylinders located at front of the unit The (2) sprockets			
44.1 44.2	Shall have (7) teeth minimum and installed on drive shaft. Shall be provided with shoulders on each side to support the conveyor chain links, in order to allow a longer chain and sprocket life.			
45.0 45.1	Chain rollers The longitudinal conveyor chain shall be equipped with (2) idler rollers mounted at the rear end of the unit, in order to reduce the chain wear and avoid any misalignment with the sprockets.			
46.0 46.1 46.2 46.3	Conveyor shafts Drive shaft: 1 3/4" diameter min. CRS steel. Driven shaft: 1 3/16" diameter "STRESSPROOF" steel. Drive and driven shafts shall be mounted on self-aligning ball bearings equipped with grease fittings.			
47.0	Intentionally removed			
48.0 48.1 48.2 48.3 48.4 48.5	Speed reducer Shall be: 25:1 ratio. Worm gear type. Shall include a SAE adapter to direct mount the hydraulic motor. Rebuildable type. Conveyor hydraulic motor shall have a 50 pulse sensor Conveyor chain cover (Summer plate)			
49.0	Conveyor chain cover (Summer plate)			

#	ITEM DESCRIPTION	YES	NO	GREATER OR EQUIVALENT SPECIFY
49.1	3/16" thick, grade 450 steel plate to protect the chain in summer			
49.2	use. Removable from the rear of unit.			
43.2	Removable norm the real of unit.		Ш	
50.0	Flow gate			
50.1	Flow gate shall be of the screw type and infinitely adjustable.			
50.2	The gate shall be provided with scale calibrated in inches and centimetres.			
51.0	Cross Conveyor			
51.1	Shall be manufactured to be bolted on the truck frame.			
51.2	Shall be driven by a hydraulic motor equipped with a chain		_	
	coupling.			
51.3	Protective screens at both sides meeting safety regulations.		Ш	
52.0	Cross conveyor chain			
52.1	Shall be of self-cleaning type: 667X			
52.2	Width: 14"c/c			
52.3	Chain links with protective cover			
53.0	Cross conveyor flights			
53.0 53.1	Shall be welded at every two (2) links.	lп		
53.2	Dimensions: 1/4"x 1"			
53.3	Each end shall be bent toward the top to allow the welding on		_	
	both sides.			
54.0	Cross conveyor shafts			
54.1	Drive shafts: 1 3/16" diameter, "stressproof" steel.			
54.2	Driven shafts: 1 3/16" diameter, "stressproof" steel.			
54.3	Four (4) sprockets shall be supplied.			
55.0	Cross convoyer bearings			
55.0 55.1	Cross conveyor bearings Both shafts shall be mounted on self-aligning ball bearings.			
55.2	Bearings shall be equipped with grease fittings.		\Box	
			_	
56.0	Cross conveyor chain tension adjustment			
56.1	Chain tension adjustment by the means of grease actuated cylinders with stainless steel piston rods.			
	cylinders with stanliess steer pistori rods.			
57.0	Conveyor Reversing Operation			
57.1	One (1) electric/hydraulic valve to reverse spinner motor motion			
57.2	One (1) electric/hydraulic for left hand or right-hand side motion			
0				
57.3	In-cab valve switches.			
58.0	Hydraulic hoses and fittings			
58.1	Shall be of the pressed type.			
58.2	Shall have a minimum burst pressure capacity of 2 times the			
	maximum working pressure of the hydraulic system.			
59.0	Standard accessories			

#	ITEM DESCRIPTION	YES	NO	GREATER OR EQUIVALENT SPECIFY
59.1	Sets of (4) mud flaps, the (2) at the front must be equipped with anti-sail brackets.			
59.2	Slide up type ladder mounted on the rear left hand side of the unit.			
59.3	One (1) amber LED bar strobe warning light installed on cab protector including support, wiring and In-cab switch			
59.4	Shovel holderinstalled on front panel			
59.5	Tailgate spreader chains			
60.0	Finish and paint			
60.1	Entire body shall be sandblasted.			
60.2	Primer: (2) coats of (2) parts epoxy primer.			
60.3	Final paint coating: Urethane paint, color: Highway Yellow.			
61.0 61.1	Safety stickers Safety stickers for operation and maintenance shall be supplied			
01.1	with the dump body spreader unit.			
62.0	Front hitch			
62.1	5/8 inch cheek plates and push plates including cross brace and/or alternative structural element			
62.2	Power tilt quick hitch for front plow and wing			
62.3	Tilting male coupler provided with large greasable roller bushings			
62.4	4 inch by 12 inch acting lift cylinder			
62.5	1 1/2 inch x 6 inches double acting lock up cylinder			-
62.6	4 Point hitch adapter with pin to adapt male coupler to front post			
62.7	horizontal support structures with bolted flanged adapter Halogen headlamps and turning signals, hitch mounted			
62.7	J shaped female quick coupler plow adapter			
62.9	Shackles and chain grab link			
62.10	Front plow suspension system including nitrogen gas			
62.11	accumulator and hydraulic hoses			
02.11	OEM factory bumper shall be modified to fit hitch during off- season			
62.12	Primer: (2) coats of (2) parts epoxy primer.			
62.13	Final paint coating: urethane paint, color: medium gloss black			
63.0	Reversible plow			
63.1	Overall length: 144 inches'			
63.2	Overall height: 42 inches			
63.3	Trip edge type power reversible plow			
63.4	Break formed 10 gauge steel moldboard			
63.5	Circular push frame with double acting reversing cylinders			
63.6	Cylinder protection valve			
63.7	'Lame Mobile" cutting edge with 2 shoes			
63.8	Safety trip system with 6 adjustable compression springs			
63.9	Rubber snow deflector ½ inch thick x 12 inch x 144 inch			
63.10	Steel sandblasted			
63.11	Primer: (2) coats of (2) parts epoxy primer.			
63.12	Final paint coating: urethane paint, color: highway yellow			

#	ITEM DESCRIPTION	YES	NO	GREATER OR EQUIVALENT SPECIFY
63.13	2 Curb shoes			
63.14	2 - 36 inches fluorescent marker rods			
64.0	Front Post			
64.1	Direct acting front wing post			
64.2	Fabricated 7 inches I-beam at 16.2 lbs./ft.			
64.3	3 inches x 48 inches double acting slide cylinder located inside the post with mechanical float			
64.4	Trip block with adjustable torsion spring			
64.5	Bolted flange adapter to hitch			
64.6	Lifting height: 48 inches			
64.7	High lift roll over trip block, 4-8-30 type with adjustable force rubber compression spring			
64.8	Steel sandblasted			
64.9	Primer: (2) coats of (2) parts epoxy primer.			
64.10	Final paint coating: urethane paint, color: medium gloss black			
65.0	Rear Tower			
65.1	Rear tower with direct acting cylinder shelving system			
65.2	Removable rear tower with an 8 inches I master section			
65.3	Lifting height: 36 inches			
65.4	Structurally supporting oil reservoir with a 40 US gallon capacity, slanted top cover, 12 inches diameter Inspection cover and oil sight gauge			
65.5	Cross beam and bolted flange connections to host the rear post			
65.6	Tubular reinforcement to truck chassis rear post			
65.7	Upper and lower push arms, nominal length: 72 inches			
65.8	Slide cylinder: 2 1/2 inches x 36 inches double acting		Ц	
65.9	Wing lift cylinder: 3 1/2 inches x 16 inches double acting			
65.10	To have float position activated through the electric joystick & a counterbalance valve to eliminate creeping down of the wing			
65.11	Steel sandblasted			
65.12	Primer: (2) coats of (2) parts epoxy primer.			
65.13	Final paint coating: urethane paint, color: medium gloss black			
66.0	Side Wing			
66.1	Overall length: 144 inches			
66.2	Intake height: 31 inches, discharge height: 41 inches			
66.3	10 gauge break formed steel moldboard			
66.4	3/8 inch thick vertical ribs		Ш	
66.5	Air actuated wing travel positioner including built-in push arm adapter			
66.6	Parking leg			
66.7	Steel sandblasted			
66.8	Primer: (2) coats of (2) parts epoxy primer.			
66.9	Final paint coating: urethane paint, color: highway yellow			
66.10	Carbide steel cutting edge			
66.11	2 blade shoes			
66.12	1 curb shoe			

				GREATER OR EQUIVALENT
#	ITEM DESCRIPTION	YES	NO	SPECIFY
66.13	36 inches High Fluorescent Marker Rod, installed			
66.14	Quad-Flash Strobe Light installed on Discharge end of Wing Plow			
66.15	Four (4) Auxiliary LED light to shine the spinners, the conveyor and the wing plow			
67.0	Hydraulics			
67.1	85 CC Bosch Rexroth piston pump			No exceptions
67.2	Low level alarm in hydraulic tank with in-cab light and buzzer			
67.3	Solenoid operated shut off valve on pressure side of pump. Solenoid operated by level sensor in hydraulic tank			
67.4	Rexroth M4-12 Central Hydraulic System Valves			No exceptions
67.5	Hydraulic wing nut couplers for removable hydraulic lines			
67.6	Components shall be installed and calibrated as per			
	manufacturer's specifications			
68.0	Pintle Hook			
68.1	Custom Designed Pintle Hook MTG Plate with D Rings			
68.2	Holland PH410RA11 Rigid Mount, Air Operated Pintle Hook, with Air Chamber, Plunger and MTG Bracket			
68.3	Electrical Connectors for Pintle Plate (7-Way and 2 Way Connectors)			
68.4	150 amp switch and wiring to end of frame			