

"Attachment A" Specifications	Meets Specifications Yes/No	List any deviations from *Specifications
ENGINE:		
To be turbo-charged and inter-cooled by air to air system, in-line 6 cylinder diesel engine.		
Engine must meet 2010/2016 OBD Emissions Regulations		
Design to be 4-valve head, wet sleeved, overhead cam with direct injection		
Minimum 780 C.I.D. (13 liter)		
Minimum 425 H.P. @ 1,500 - 1,800 RPM, 1,560 lb/ft torque @ 1,050 - 1,400 RPM, torque rise 89% minimum		
Extended service spin on filters		
Silicone hoses and tubing on the engine (radiator & heater) with gate valve on each heater hose.		
18.7 CFM minimum rating on the air compressor		
12 volt gear reduction starter- Delco or equal		
Delco alternator 12 volt-160 AMP minimum		
Three (3) batteries - 12 volt 650/1950 C.C.A. threaded stud-type.		
Inside/Outside air intake with in cab controls for snow plow application		
Air intake restriction monitor lock up type, dash mounted.		
Coolant protection to below -37 degrees fahrenheit		
DPF(diesel particulate filter)to be catalyzed type, mounted RH side under cab(frame mounted with SCR frame mounted RH side.		
Clear right hand back of cab.		
Vertical cab mounted exhaust with heat shield, exhaust turned		
Bright finish stack, lower elbow & heat shield.		
Behr Fan and Electronic Modulating Fan Drive.		
Bug screen mounted behind grille.		
Fuel water separator drain valve integral with primary fuel filter.		
Coolant conditioner filter.		
Coolant recovery tank with fill line.		
Engine brake to have minimum rated retarding power of 500 HP @ 2,100 RPM.		
Poly V-Belt with automatic tensioner.		
1500 watt-120 volt engine block heater.		
Exhaust after treatment system. Diesel partic filter ceramic passive regen.		
DPF regeneration control to be auto in motion. Manual stationary and manual inhibit		
Corrosion resistant oil pan		
TRANSMISSION:		
Allison Model 4500-RDS-6 rugged duty series, Generation 5.		
Allison Dash Mounted Shifter w/ Neutral to range inhibit (HD Series)		
Transmission oil cooler, external oil cooler, with internal filter and oil level sensor.		
Stainless Steel Coolant tubes on transmission.		
Factory filled "transynd" synthetic lube.		
Transmission oil temperature gauge.		
Spicer 1810 HD w/ Coated Splines main driveline.		
Spicer 1710 HD w/ Coated Splines Interaxle driveline.		
Allison vocational package with auto neutral or equal.		
Dash mounted shifter.		
CAB:		
Conventional/galvanized, with rust preventative procedures,cab mounting, trunnion front, air suspended rear.		
Integral air conditioning / heating		

Electronic engine protection with light & buzzer with optional shutdown.		
Monitoring high coolant temp/low oil pressure and low coolant level in radiator.		
Four way safety flashers		
Polyurethane Floor Mat		
Gauge(s) to include: air pressure, volt meter, temperature, oil pressure, fuel, tachometer, hour meter, transmission oil temp, and exhaust pyrometer.		
Grab handles / aluminum behind doors L/R.		
Vinyl interior with door panels.		
Hood and fenders to be fiberglass tiltable with inspection hatch.		
(2) rectangular air horns with snow shields and electric horn.		
Low air indicator light and buzzer.		
Mirrors West Coast heated stainless		
Bright finish heated convex mirrors mounted below - 8" diameter minimum.		
Driver's seat to be mid back air suspension.		
Rider's seat to be fixed with storage compartment.		
Right hand arm rest for driver's seat.		
Tilt & Telescopic steering column.		
Easy fill windshield washer reservoir installed back of cab.		
Sun visor(s) L/R.		
Cab ventilation through control panel.		
Two speed wiper/electric with intermittent feature		
AM/FM Premium Stereo w/ CD-player, MP3, Bluetooth, 7 channel weatherband, hands-free interface.		
Daytime running lights.		
Identification/clearance lights set of (5).		
Seat belt retractors w/shoulder belt w/adjustable D-Ring for driver and riders seat.		
Tinted safety windshield, side and rear windows.		
Heated windshield.		
Vehicle driver dash display; to include a digital clock, odometer ambient outside temperature, voltmeter and engine "sweet spot: indicator".		
On board graphic LCD display to view the following: Instantaneous and trip fuel economy, speedometer and tachometer, all standard gauge functions, fleet management information maintenance information (alert operator if filters need to be replaced, fluid levels are low or the fuel is contaminated).		
LCD display for onboard diagnostics to view active and logged faults.		
FRAME:		
11.811" X 3.54" X .437" (300 X 90 X 11.1MM) constant steel section, section modulus 23.5 cu in/RBM 2,820,000 in lbs. per rail.		
Wheelbase 187", cab to axle 99", minimum 63" AF.		
Bumper extended swept back steel extended MTG BBC 122.5" minimum. Bright Finish		
Crossmembers - Heavy Duty Steel I Beam - B.O.C. and intermediates.		
Front frame extension to be minimum of 20" extension of parent frame for snow plow mount.		
FUEL TANK:		
93 gallon step LH D-Shape.		
Aluminum not steel with stainless steel straps.		
8.7 gallon maximum LH DEF Tank-integral with fuel tank.		
FRONT AXLE:		
To be minimum rated at 18,000 lbs, with 18,000 lb. heavy duty front suspension.		
Integral Power Steering.		
Front shocks double acting type.		
Sealed tapered kingpins and bearings.		
Unitized Hubs-Permanent sealed with grease.		
RH spring build-up for wing plow application.		

REAR AXLE:		
Minimum 46,000 Cast Ductile Iron Housing		
Multileaf 46,000 lb. Extra Thick Spring Thickness		
5.04 ratio		
Synthetic Lubricant - 75W-90.		
BRAKES:		
Meritor brakes.		
Front cam type 16.5" x 6" Q+.		
Rear cam type 16.5" x 7" Q+.		
Automatic slack adjusters front, rear, Meritor.		
30/30 size rear brake chambers.		
Meritor/Wabco Air dryer w/ coalescing oil filter.		
Meritor/Wabco ABS system.		
Front and rear brake dust shields.		
MGM Model TR-T (Tamper resistant) spring brake chambers.		
Single valve system.		
TIRES:		
Front Michelin XZE 2 11r24.5		
Rear Michelin XDS 2 11r24.5		
Front Wheels 22.5 x 9 Alcoa Alum Disc Ultra One 10-HP 5.96 Inset		
Rear Wheels 24.5 x 8.25 Accuride Steel Disc 10-Hole Hub Piloted, Two Hand Holes		
64,000 lb. G.V.W.R. minimum.		
ELECTRICAL:		
Back up alarm to be 107 db minimum.		
Electrical connections waterproof.		
Battery disconnect switch.		
Headlights to be flush mounted, Hologen with Lexan lens.		
Rear lighting-stop, tail, directional and backup signal flashers type transistorized electronic of equal.		
Battery shock pads.		
Daytime running lights.		
PAINT:		
Cab to be Ford W6 or M7296 Green gem or GM WA136X emerald green		
Town will review paint color at time of award.		
Urethane base coat/clear coat.		
Frame to be black (urethane-not water based paint).		
Rims to be Gray.		
PTO/EQUIPMENT:		
PTO front mount provision		
Auxiliary, dash control and power supply for local installation of plow lights.		
Front crankshaft adapter 1350 series flange minimum for front end snow plow PTO drive.		
Trailer connection Air/Electric to rear of frame.		
Six (6) Assignable Bodybuilder Dash Switches (5 On-Off, 1 Momentary)		
Furnish in cab triangle reflector kit.		
(2) chock blocks.		
Fire Extinguisher - 5 lb. minimum.		
Rubber-removable floor mats.		
GUARANTEED BUY BACK:	DOLLAR VALUE:	
10 Years from in service date.		
15 Years from in service date.		
20 Years from in service date.		