

## Invitation to Bid

### Medium Duty Dump Truck

Awarding Authority: The Town of Scituate  
Department of Public Works  
September 2017

Bids will be received at the Town Clerk's Office, 195 Danielson Pike, North Scituate, RI 02857 until 10:00 AM prevailing time on September 12, 2017 at which time they will be opened publicly in the Council Chambers.

Specifications and information for bidders may be obtained on the Town's web site SCITUATERI.ORG and in the Town Clerk's Office. All questions relating to specifications should be referred to Chief Mechanic Dean Randall at 401-647-3366.

The right is reserved to waive any informalities in or to reject any and all bids received, and to award the contract to any of the contractors bidding, if, in the Town of Scituate's opinion, the best interests of the Town will thereby be promoted. No award will be made to any bidder who cannot satisfy the Town of Scituate and any or all of its Public Works Department specifications. Each bidder shall prove that they have sufficient product manufacturing capabilities, proof of product availability and a written realistic delivery time. The Town's decision or judgement on these matters will be final, conclusive and binding.

Each bid will be submitted in two parts. Option one would be the price of the bare cab and chassis as specified delivered to Public Works. Option two would be the price completely outfitted with the dump body, hydraulic system, plow frame and tow hitch as specified in the attached pages.

Each bid shall be submitted in a sealed inner and outer envelope bearing on the outside the name of the bidder, the address and item bid ( Medium Duty Dump Truck ). Envelopes containing this information are to be clearly labeled to protect against opening prior to the time set.

Bid will be awarded at the Town Council Meeting on September 14, 2017 which starts at 7:00 PM.

Option one

Cab and chassis specifications

Description	Weight Front	Weight Rear
EXPECTED REAR DRIVE AXLE(S) LOAD : 26000.0 lbs EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 42000.0 lbs EXPECTED GROSS COMBINATION WEIGHT : 62000.0 lbs		
<b>Truck Service</b>		
FRONT PLOW/END DUMP BODY EXPECTED TRUCK BODY LENGTH : 10.0 ft NO MFR'S/BODY TYPE IDENTIFICATION		
<b>Tractor Service</b>		
FLATBED TRAILER SINGLE (1) TRAILER		
<b>Engine</b>		
CUM L9 300 HP @ 2000 RPM, 2200 GOV RPM, 860 LB/FT @ 1300 RPM		
<b>Electronic Parameters</b>		
75 MPH ROAD SPEED LIMIT CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT PTO RPM WITH CRUISE SET SWITCH - 700 RPM PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM PTO MODE CANCEL VEHICLE SPEED - 5 MPH PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND PTO MINIMUM RPM - 700 REGEN INHIBIT SPEED THRESHOLD - 5 MPH		
<b>Engine Equipment</b>		
2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION 2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR) NO 2013 ENGINE ESCALATOR STANDARD OIL PAN ENGINE MOUNTED OIL CHECK AND FILL SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER AND INSIDE/OUTSIDE AIR WITH SNOW DOOR	10	

Description	Weight Front	Weight Rear
DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
(2) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 2250 CCA THREADED STUD BATTERIES		
BATTERY BOX FRAME MOUNTED		
STANDARD BATTERY JUMPERS		
SINGLE BATTERY BOX FRAME MOUNTED LH SIDE BACK OF CAB		
WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
NON-POLISHED BATTERY BOX COVER		
POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	8	
CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
ELECTRONIC ENGINE INTEGRAL WARNING AND DERATE PROTECTION SYSTEM		
CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH, ACTIVATES STOP LAMPS	20	
RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	30	25
ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
11 FOOT 00 INCH (132 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP		
6 GALLON DIESEL EXHAUST FLUID TANK	-35	-10
100 PERCENT DIESEL EXHAUST FLUID FILL		
STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
STANDARD DIESEL EXHAUST FLUID TANK CAP		
STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAIPIPE SHIELD		
HORTON DRIVEMASTER ADVANTAGE ON/OFF FAN DRIVE		

Description	Weight Front	Weight Rear
AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
CUMMINS SPIN ON FUEL FILTER		
COMBINATION FULL FLOW/BYPASS OIL FILTER		
1200 SQUARE INCH ALUMINUM RADIATOR		
ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
RADIATOR DRAIN VALVE		
1310 ADAPTER FLANGE FOR FRONT PTO PROVISION	10	
PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER	4	
BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
ELECTRIC GRID AIR INTAKE WARMER		
DELCO 12V 39MT HD/OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH	15	

### Transmission

ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION

### Transmission Equipment

ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV

ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES

PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY

SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY

PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE

SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE

Description	Weight Front	Weight Rear
PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE		
DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES		
VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT BACK OF CAB		
ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR MOUNTED BACK OF CAB		
CUSTOMER INSTALLED CHELSEA 277 SERIES PTO		
PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION		
MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
TRANSMISSION PROGNOSTICS - ENABLED 2013		
WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		

**Front Axle and Equipment**

DETROIT DA-F-16.0-5 16,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	190
MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	10
NON-ASBESTOS FRONT BRAKE LINING	
CONMET CAST IRON FRONT BRAKE DRUMS	
FRONT BRAKE DUST SHIELDS	5
FRONT OIL SEALS	
VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL	
STANDARD SPINDLE NUTS FOR ALL AXLES	

Description	Weight Front	Weight Rear
MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		
STANDARD KING PIN BUSHINGS		
TRW TAS-85 POWER STEERING	40	
POWER STEERING PUMP		
4 QUART POWER STEERING RESERVOIR	5	
OIL/AIR POWER STEERING COOLER	5	
SYNTHETIC 75W-90 FRONT AXLE LUBE		
<b>Front Suspension</b>		
18,000# FLAT LEAF FRONT SUSPENSION	290	
GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION		
NO FRONT SUSPENSION SPRING BRACKET OPTIONS		
FRONT SHOCK ABSORBERS		
<b>Rear Axle and Equipment</b>		
RS-26-185 26,000# T-SERIES SINGLE REAR AXLE		255
6.14 REAR AXLE RATIO		
IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES		
DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE		20
(1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE		
BLINKING LAMP WITH EACH MODE SWITCH, DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH		
MERITOR 16.5X7 P CAM REAR BRAKES, DOUBLE ANCHOR, CAST SHOES		20
NON-ASBESTOS REAR BRAKE LINING		
BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)		
WEBB HEAVY WEIGHT CAST IRON REAR BRAKE DRUMS		80
REAR BRAKE DUST SHIELDS		5
REAR OIL SEALS		
HALDEX GOLDSEAL LONGSTROKE HEAVY DUTY 30/36 1-DRIVE AXLE SPRING PARKING CHAMBERS		
HALDEX AUTOMATIC REAR SLACK ADJUSTERS		

Description	Weight Front	Weight Rear
SYNTHETIC 75W-90 REAR AXLE LUBE		
STANDARD REAR AXLE BREATHER(S)		
<b>Rear Suspension</b>		
30,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD		160
SPRING SUSPENSION - NO AXLE SPACERS		
STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
FORE/AFT CONTROL RODS		
<b>Brake System</b>		
WABCO 4S/4M ABS WITHOUT TRACTION CONTROL		
REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
FIBER BRAID PARKING BRAKE HOSE		
STANDARD BRAKE SYSTEM VALVES		
STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		
STD U.S. FRONT BRAKE VALVE		
RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER		
AIR DRYER FRAME MOUNTED		
STEEL AIR BRAKE RESERVOIRS		
BW DV-2 AUTO DRAIN VALVE WITH HEATER TO WET TANK; DRAIN VALVE CABLES ON ALL OTHER TANKS		
<b>Trailer Connections</b>		
AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS		
PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION		
SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME		
UPGRADED CHASSIS MULTIPLEXING UNIT		
<b>Wheelbase &amp; Frame</b>		
3800MM (150 INCH) WHEELBASE		
7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI	10	180

Description	Weight Front	Weight Rear
BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW		
1600MM (63 INCH) REAR FRAME OVERHANG FRAME OVERHANG RANGE: 61 INCH TO 70 INCH		
24 INCH INTEGRAL FRONT FRAME EXTENSION CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 84.45 in	140	-20
CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 81.45 in		
CALC'D FRAME LENGTH - OVERALL : 278.16		
CALC'D SPACE AVAILABLE FOR DECKPLATE : 84.45 in		
CALCULATED FRAME SPACE LH SIDE : 43.97 in		
CALCULATED FRAME SPACE RH SIDE : 100.25 in		
SQUARE END OF FRAME		
FRONT CLOSING CROSSMEMBER		
LIGHTWEIGHT HEAVY DUTY ALUMINUM ENGINE CROSSMEMBER	-12	
STANDARD MIDSHIP #1 CROSSMEMBER(S)		
STANDARD REARMOST CROSSMEMBER		
STANDARD SUSPENSION CROSSMEMBER		
<b>Chassis Equipment</b>		
14 INCH PAINTED STEEL BUMPER		
FRONT TOW HOOKS - FRAME MOUNTED	15	
BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
<b>Fuel Tanks</b>		
60 GALLON/227 LITER ALUMINUM FUEL TANK - LH		
25 INCH DIAMETER FUEL TANK(S)		
PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
FUEL TANK(S) FORWARD		
PLAIN STEP FINISH		
FUEL TANK CAP(S)		
DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR	-5	



	Description	Weight Front	Weight Rear
	EQUIFLO INBOARD FUEL SYSTEM HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
<b>Tires</b>			
	MICHELIN X WORKS Z 315/80R22.5 20 PLY RADIAL FRONT TIRES	100	
	MICHELIN XDS 12R22.5 16 PLY RADIAL REAR TIRES		156
<b>Hubs</b>			
	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS		
	CONMET PRESET PLUS PREMIUM IRON REAR HUBS		
<b>Wheels</b>			
	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 6.18 INSET 2-HAND HD STEEL DISC FRONT WHEELS	26	
	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2- HAND HD STEEL DISC REAR WHEELS		52
<b>Cab Exterior</b>			
	108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		
	AIR CAB MOUNTING		
	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
	SHORT FENDER WITH MUDFLAP		
	LH AND RH GRAB HANDLES		
	STATIONARY BLACK GRILLE		
	BLACK HOOD MOUNTED AIR INTAKE GRILLE		
	FIBERGLASS HOOD		
	TUNNEL/FIREWALL LINER		
	SINGLE 14 INCH ROUND POLISHED AIR HORN ROOF MOUNTED		
	DUAL ELECTRIC HORNS		
	SINGLE HORN SHIELD		
	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME		
	REAR LICENSE PLATE MOUNT END OF FRAME		
	HALOGEN COMPOSITE HEADLAMPS WITH BLACK BEZELS		
	LED AERODYNAMIC MARKER LIGHTS		
	INTEGRAL STOP/TAIL/BACKUP LIGHTS		
	STANDARD FRONT TURN SIGNAL LAMPS		

*STANDARD FRONT TURN SIGNAL LAMPS*

Description	Weight Front	Weight Rear
DUAL WEST COAST MOLDED-IN COLOR HEATED MIRRORS		
DOOR MOUNTED MIRRORS		
102 INCH EQUIPMENT WIDTH		
LH AND RH 8 INCH MOLDED-IN COLOR CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS		
RH DOWN VIEW MIRROR		
STANDARD SIDE/REAR REFLECTORS		
63X14 INCH TINTED REAR WINDOW		
TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS		
MANUAL DOOR WINDOW REGULATORS		
LOWER RH DOOR WINDOW WITH FRESNEL LENS	7	
TINTED WINDSHIELD		
8 LITER WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITH FLUID LEVEL INDICATOR		

**Cab Interior**

OPAL GRAY VINYL INTERIOR		
MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR		
MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR		
BLACK MATS WITH SINGLE INSULATION		
DASH MOUNTED ASH TRAY(S) WITHOUT LIGHTER		
FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING		
(2) CUP HOLDERS LH AND RH DASH		
GRAY/CHARCOAL WING DASH		
SMART SWITCH EXPANSION MODULE		
2-1/2 LB. FIRE EXTINGUISHER	5	
FIRST AID KIT	2	
HEATER, DEFROSTER AND AIR CONDITIONER		
STANDARD HVAC DUCTING WITH SNOW SHIELD FOR FRESH AIR INTAKE		
MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
STANDARD HEATER PLUMBING		

Description	Weight Front	Weight Rear
DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR		
BINARY CONTROL, R-134A		
STANDARD INSULATION		
SOLID-STATE CIRCUIT PROTECTION AND FUSES		
12V NEGATIVE GROUND ELECTRICAL SYSTEM		
DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS		
CAB DOOR LATCHES WITH MANUAL DOOR LOCKS		
(2) 12 VOLT POWER RECEPTACLES MOUNTED IN DASH		
TRIANGULAR REFLECTORS WITHOUT FLARES	10	
BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30	
BASIC HIGH BACK NON SUSPENSION PASSENGER SEAT		
DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS	4	
LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
BLACK CORDURA PLUS CLOTH DRIVER SEAT COVER		
BLACK CORDURA PLUS CLOTH PASSENGER SEAT COVER		
BLACK SEAT BELTS		
ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10	
4-SPOKE 18 INCH (450MM) STEERING WHEEL		
DRIVER AND PASSENGER INTERIOR SUN VISORS		
<b>Instruments &amp; Controls</b>		
GRAY DRIVER INSTRUMENT PANEL		
GRAY CENTER INSTRUMENT PANEL		
BLACK GAUGE BEZELS		
LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS		
97 DB BACKUP ALARM		3

Description	Weight Front	Weight Rear
ELECTRONIC CRUISE CONTROL WITH SWITCHES ON AUXILIARY GAUGE PANEL (B DASH PANEL)		
KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED		
HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
2 INCH ELECTRIC FUEL GAUGE		
PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE		
ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
(1) DASH MOUNTED PTO SWITCH WITH INDICATOR LAMP FOR CUSTOMER INSTALLED PTO	5	
ELECTRIC ENGINE OIL PRESSURE GAUGE		
AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH AND USB AND AUXILIARY INPUTS, J1939	10	
DASH MOUNTED RADIO		
(2) RADIO SPEAKERS IN CAB		
AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF	2	
ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
STANDARD VEHICLE SPEED SENSOR		
ELECTRONIC 3000 RPM TACHOMETER		
NO DETROIT CONNECT SERVICES SELECTED		
NO ZONAR SERVICES SELECTED		
IGNITION SWITCH CONTROLLED ENGINE STOP		
SIX ON/OFF ROCKER SWITCHES IN THE DASH WITH INDICATOR LIGHTS; FOUR WIRE TO CHASSIS AT BACK OF CAB, TWO UNWIRED, LABEL ALL OPT		
PRE-TRIP LAMP INSPECTION, ALL OUTPUTS FLASH, WITH SMART SWITCH		
RW TRACTOR PROTECTION VALVE		

Description	Weight Front	Weight Rear
TRAILER HAND CONTROL BRAKE VALVE DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY AND ARCTIC TYPE BLADES MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH AND DUAL CONNECTORS AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LIGHTS, LOW BEAMS OFF WITH HIGH BEAMS TWO VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS		

**Design**

PAINT: ONE SOLID COLOR

**Color**

CAB COLOR A: L6460EB SCHOOL BUS YELLOW  
 ELITE BC  
 BLACK, HIGH SOLIDS POLYURETHANE CHASSIS  
 PAINT  
 NO FUEL TANK CABINET PAINT  
 POWDER WHITE (N0006EA) FRONT  
 WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)  
 POWDER WHITE (N0006EA) REAR  
 WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)  
 STANDARD BLACK BUMPER PAINT  
 STANDARD E COAT/UNDERCOATING

**Certification / Compliance**

U.S. FMVSS CERTIFICATION, EXCEPT SALES  
 CABS AND GLIDER KITS

**Secondary Factory Options**

DEALER/CUSTOMER ADVISED AND ACCEPTS  
 BUMPER SHOULD BE REMOVED PRIOR TO  
 RECOVERING/TOWING THE VEHICLE PER  
 FRACAS:11687

**TOTAL VEHICLE SUMMARY**

**Weight Summary**

	<b>Weight Front</b>	<b>Weight Rear</b>	<b>Total Weight</b>
Factory Weight <sup>†</sup>	7805 lbs	4684 lbs	12489 lbs
Total Weight <sup>†</sup>	7805 lbs	4684 lbs	12489 lbs

**Extended Warranty**

TOWING: 2 YEARS/UNLIMITED MILES/KM EXTENDED TOWING  
COVERAGE \$550 CAP FEX APPLIES

(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

## Option two

Dump body, front plow and rear trailer frame specifications

### **Body**

10' 6-8 yard body with 7 gauge steel sides with fully boxed dirt shedding, top rail. 30-inch height sides. 40-inch tailgate height. 3 vertical box braces per side. 8-gauge steel floor. 8 gauge, 40-inch height, four-way tailgate, 4-inch I-beam cross member, 12" on center. New oval shaped stop/turn/tail light built into corner post, painted yellow.

3 lever style doors in the tailgate for coal chutes. Cab shield on dump body. One 6 ½" LED strobe light in both rear corner post. 2 LED oval strobe lights in front, on cab shield with wires inside tubing for protection.

Full auto electric tarp mechanism with 14' tarp and 30 Degree aluminum arm. Also, wind deflector kit and 24.5" Polly fenders size

### **Hitch**

1. 3" X 10" single acting lift cylinder
2. Monroe MC 5000 low profile hitch with 5/8" bide plates bolted to frame extension with a minimum of 7, 5/8" bolts bolted to each side of frame rails, 5/8 plate, 20" wide and goes down to bottom of plow ears.

### **Plow Light**

Mounted on hood with reinforced plates on hood, high powered halogen head lights with directional and a stainless steel housing frame

### **Central Hydraulic**

All hoses wrapped in nylon hose guard. 30-gallon hydraulic tank. Filter on return shut off on both sides.

### **Front engine mount PTO and pump**

Hydraulic pump (MP25X304BEIT20-99)

PTO adapter reduction gearbox (2442S-A2XK)

To match hydraulic pump. Chelsea with air valve.

**Commercial hydraulic valve body**

Left angle, right angle, plow up and down with detent lock down and dump up and power down.

Levers inside cab with stainless bonnet cables to valve body. Return junction block reservoir. Stainless steel pipes go back to sander. Hook ups, two 1/2" and one 3/4" pipe. Mount PTO air switch inside cab. Digital switch board for sander control. Spinner valve mounted on frame with enclosed box.

One 5/8" pintle plate. 30-ton pintle hook, swivel. Mount factory glad hand and trailer plug in plate with two tow hooks.