

## **Addendum A – Specification Change**

Specification requirements have been removed in the Rear Axle & Equipment section on page 17, the Engine section on page 20, and the Tires & Wheels section on page 24. The removed specification requirements are indicated by red lines striking through the requirements that are no longer applicable. See below.

<b>CHASSIS FASTENERS</b>		
Chassis and cross members to be assembled using grade 8 huck bolt chassis fasteners (if sufficient room for a huck gun is lacking, bolts may be substituted. Where bolts are used the warranty stated below prevails.		
If the cross members are not fasted with huck bolts, all cross members shall be warranted for five years against becoming loose, cracking or experiencing any other failure and shall require no scheduled maintenance.		
<b>FRONT AXLE &amp; EQUIPMENT</b>		
Front Axle: 20,000 lb. capacity. (Identify wheel cut, maximum must be installed)		
Leaf Springs: 20,000 lb. capacity, refuse rated, tapered-leaf. Shock Absorbers: Heavy-duty.		
Oil Lubricated Hubs: Stemco Guardian w/removable rubber plugs or Chicago Rawhide wet type.		
<b>REAR AXLE &amp; EQUIPMENT</b>		
Rear Axles: Arvin Meritor single reduction, 46,000-lb capacity w/driver controlled differential Inter-lock and lube pump. 200 wheel ends. (Axle shafts shall have a <i>minimum</i> of 2.25" diameter at the spline.)		
Hubs shall be steel, aluminum hubs are not acceptable.		
Positive lock, all-wheel drive on tandem		
Hendrickson Haulmaxx 46,000-lb. suspension is <i>preferred</i> .		
Rear differential ratio: <del>vehicle will be used in refuse can-to-can pickup</del> . To increase vehicle productivity, rear ratio will be set to allow quick acceleration from stop. Although a top speed of 65 mph is desired, City will accept a top speed of 60 mph to increase acceleration. Vendor to state differential make, model, gear ratios, and top speed of configuration offered.		
Differential Make:		

PTO - Transmission take-off. Muncie Direct-Drive Model 39828-25-M3. The PTO shall be set to disengage automatically at 1,800 rpm and to engage only below 1,000 rpm. The preferred hydraulic system will operate at maximum pressure/flow at engine idle.		
<b>DRIVELINE</b>		
Mainshaft: 1810 series Dana-Spicer w/full round end yokes.		
Interaxle shaft: 1760HD Dana-Spicer w/full round end yokes.		
<b>ENGINE</b>		
The truck shall be powered by a liquid cooled, computer controlled, 4 cycle, diesel engine rated at a <i>minimum</i> output of 365 brake horsepower and capable of producing a <i>minimum</i> of 1150 foot pounds of torque. The engine shall meet or exceed all applicable emission standards in place at the time of assembly. <i>The engine must be able to run all the hydraulic functions to normally operate the truck while at idle. Engine, injectors, injector pump, and turbo warranty to be 5 year or 200,000 miles with \$0 deductible. NO DEVIATION.</i>		
The crankcase shall be fitted with a tap-type valve from which oil samples can be taken, this tap shall be mounted near the middle of the oil pan for easy access. Fumoto valve or equal.		
Vendor to state:		
Engine Make:		
Engine Model:		
Engine Rating: _____hp _____torque @ _____RPM		
B-20 compatible? Yes___ No___		
Cooling system shall be <b>manufacturer's maximum</b> possible system for engine/chassis combination. <del>The cooling system must be capable of maintaining safe operating temperature in a refuse pick-up, stop-pickup-go continuous style application in ambient temperatures as high as 120 degrees F.</del>		
Radiator – single radiator shall be provided, straight core is preferred.		

Gauge: Fuel, dash mounted		
Gauge: Volt/amp meter, dash mounted.		
<b>FUEL TANK</b>		
Single left (street) side tank--80 gallons. Fuel tank shall not interfere with mounting of Ancillary equipment. Shall be equipped with an easy accessible manual shut-off valve. <b>Fuel tank must be full at time of delivery</b>		
Fuel/Water Separator: shall be a Fleet Guard or Racor appropriately rated for the engine's fuel demand. Filter must be located in a location that is easily accessible for maintenance. All fuel system components must be compatible w/B-20 biodiesel		
<b>PAINT</b>		
<b>Cab &amp; Chassis:</b> White		
<b>Wheels:</b> White		
<b>Chassis frame:</b> Black Powder Coat		
<b>Front bumper:</b> White		
<b>Tool Boxes:</b> White		
The City of Lehi will provide and/or approve the paint scheme after award of the bid.		
<b>TIRES &amp; WHEELS</b>		
The wheels shall be steel hub-piloted (9x22.5), 10 hole, Accuride or equal. Powder coated white to match chassis.		
<i>All tires shall be Michelin and sized and rated to meet the bridge formula for maximum legal payload and safety.-</i>		
<i>Front Tire (2): 315/80R22.5 Michelin XZUS, load range L, 20 ply minimum.</i>		
<i>Rear Tire (8): 315/80R22.5 Michelin XZUS, load range L, 20 ply minimum.</i>		