STILLWATER COUNTY SOLID WASTE-Bid Spec

**Truck Style:** Current year, new model SBA Conventional

**Comply:**

- Yes___ No___ Conventional Style Truck.
- Yes___ No___ Nonsleeper with rear axle capacity less than 59K
- Yes___ No___ Refuse/recycled material
- Yes___ No___ Refuse hauler. Vehicles which haul refuse,
- Yes___ No___ Roll on/roll off

**Engine and Equipment:** Minimum 12.9L SCR 2010 EPA emission engine

- Yes___ No___ Horse Power—450V 450@2000 1650@950
- Yes___ No___ EPA Emissions Warranty Engine
- Yes___ No___ PT optimization analysis: Balance power/economy blend results
- Yes___ No___ Engine Idle shutdown timer enabled
- Yes___ No___ Compression brake (JAKE BRAKE)
- Yes___ No___ Fuel filter: Davco 382 Fuel/Water separator
- Yes___ No___ Run aid: Cummins TRV for Davco only *For fuel Filter, X15 and 2.1 m models
- Yes___ No___ Start Aid: 12V Heat *For Fuel Filter
- Yes___ No___ Cooling Module: 1330 sq. in.
- Yes___ No___ Bug screen mounted between hood and grill
- Yes___ No___ Immersion block heater 110-120V/1500W w/plug location under door
- Yes___ No___ Alternator: Seg 200 amp, brush type
- Yes___ No___ Fuel tank heater Arctic Fox
- Yes___ No___ Batteries: 3 Paccar GP31 THR (700-730) 2100-2190 CCA Dual Purpose Batteries
- Yes___ No___ Starter: 12 volt electrical system.
Battery Disconnect SW: 2 mounted on battery box
Yes___ No___
12V low voltage disconnect for starter battery protection
Yes___ No___
Multi-function engine connector for body builder
Yes___ No___
Remote PTO/Throttle, 12-pin, Engine bay, Remote control provision
Yes___ No___
Jump start terminals under hood.
Yes___ No___
Air compressor: 18.7 CFM or equal.
Yes___ No___
Air cleaner: composite firewall mounted
Yes___ No___
Fan Hub: Horton 2-speed

**Cooling module:**
Yes___ No___
Radiator minimum 1440 square inches
Yes___ No___
Radiator bug screen

**Exhaust:**
Yes___ No___
2021 RH under DPF/SCR w/RH SOC vertical tailpipe.
Yes___ No___
Tailpipe: 5” single 24” 45 degrees curved
Yes___ No___
Single lower chrome exhaust elbow

**Transmission:**
Yes___ No___
Allison 4500RDS 6 speed gen5, w/PTO W/O Retarder
Yes___ No___
D/L: 3 Meritor RPL25 W/ 2 CB
Yes___ No___
Torque converter included w/Allison Transmission
Yes___ No___
Push button control: Console mounted for Allison – Gen 4/5
Yes___ No___
Allison Fuel Sense: Delete
Yes___ No___
Allison Neutral at Stop Stand-Alone/Not applicable with Allison Fuel Sense
Yes___ No___
_CII_ 1st Allison trans PTO+8 O’clock POS – Allison 3000/4000

**Front Axle & Equipment:**
Yes___ No___
FR Paccar FX-20 Steer Axle rated @ 20K 4” drop std track
Yes___ No___ Front Brake: Meritor Q+ 16.5X6 *Max cap 20K
Yes___ No___ Front Brake Drum: Cast Max Cap 22K 16.5X6”
Yes___ No___ Front AL Hub Pilot MNT Max Cap 20K 16.5X6”
Yes___ No___ Front Conmet preset plus hub package
Yes___ No___ Front hubcap vented.
Yes___ No___ Front Auto Slack Adjuster.
Yes___ No___ Front Springs taper leaf 20K w/shocks
Yes___ No___ Power Steering dual gears, Sheppard HD94 16-22K Heavy Duty
Yes___ No___ Power Steering Cooler Radiator MTD

Rear Axle & Equipment:
Yes___ No___ RR Meritor RT46-160 46K Dual Sing Red
Yes___ No___ Rear Axle Ratio – 4.10
Yes___ No___ RR Brake: Meritor Q+ 16.5X7” Dual 46K Max
Yes___ No___ RR Brake Drum: Cast S-Cam Dual
Yes___ No___ RR Hub: Aluminum Hub- Pilot Dual 11-1/4” BC
Yes___ No___ RR Conmet Preset Plus Hub Package: Dual
Yes___ No___ RR automatic slack adjusters: Dual
Yes___ No___ RR Spring Brake: 3036 Dual
Yes___ No___ ABS: Bendix 4S/4M – Fr Wheel +2 Grp RR Wheel *AVL only w/air brake
Yes___ No___ I/A D/L: 1 Meritor RPL2 – Use w/RPL25(SD) Main D/L
Yes___ No___ Crosslock: Meritor 401-52K FWD RR/RR RR* w/cab control
Yes___ No___ Cross/Diff Lock: Separate Switch f/Dual Axles
Yes___ No___ Neway ADZ246 46K Dual 54” AS STD HT
Yes___ No___ Dual Leveling Valves F/Tandem Air Susp Std Neway AD252
### Additional Axle

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<tr>
<th>Yes</th>
<th>No</th>
<th>Description</th>
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<tr>
<td></td>
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<td>1 Steerable Pusher Watson-Chalin Tru Track 13.2K</td>
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<td>1 Steerable Pusher Dana Spicer ES S-cam 15x4 in.;</td>
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<td>1 Steerable Pusher brake drums.</td>
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<td>1 Steerable pusher hubs aluminum hub pilot 10-</td>
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<td></td>
<td>Automatic slack adjusters for 1 steerable</td>
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<td></td>
<td></td>
<td>Dana Spicer LMS hub package for 1 steerable</td>
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<td>Vented hub caps for 1 Steerable Pusher.</td>
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<td>Pusher or Tag: gauge flip valve and pressure gauge in dash pressure regulator</td>
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<td>below cab door</td>
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<td>1st Pusher location: 63 in. from centerline of forward axle for 10’spread</td>
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### Tires & Wheels:

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<tr>
<th>Yes</th>
<th>No</th>
<th>Description</th>
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<tr>
<td></td>
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<td>Front BR M864 425/65R22.5 20PR AP On/Off Highway widebase</td>
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<td>RR BR M799 11R22.5 16PR DR</td>
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<td>Rear Tire Quantity: 8</td>
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<td>Front wheel: Alcoa 82362 22.5X12.25 AL HUG Pil, ADB Com Pat, LVLI High Polish</td>
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<td>Rear wheel: Alcoa ULT39 22.5X8.25 AL HUB Pil, air Disc Brake, LVLI</td>
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<td>Rear Wheel Rim Quantity: 8</td>
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### Frame & Equipment:

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<th>No</th>
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<tr>
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<td>Frame Rails: 10-3/4 x 3/8” STL 337-416 section mod 17.80, RBM: 2,132,000 lbs</td>
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<td>Full Steel Insert F/10-5/8” or 10-3/4” Steel 337-416” or 2nd insert/11-5/8”</td>
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<td>Bumper: Tapered chrome steel channel.</td>
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<td>48.5 inch bumper setting</td>
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<td>Front tow hook: Center mounted, cast.</td>
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<td>Brackets: Iron front spring drive.</td>
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Yes___ No___ Battery Box: Cantlr AL BOC w/fiberglass cover

Yes___ No___ Battery Box Location RH Side

Yes___ No___ Front mud flaps.

Yes___ No___ Aluminum non-polished DPF/SCR cover:

Yes___ No___ Rear mud flap arms: Betts B-25 standard-duty,

Yes___ No___ Rear mud flap shields: White plastic anti-sail

Yes___ No___ Square off end-of-frame w/o cross member; non-towing.

**Fuel Tanks & Equipment:**

Yes___ No___ Fuel Tank: 90 US gallon 24.5” aluminum under or equal

Yes___ No___ DEF tank: Small round 14 gallons

Yes___ No___ F/T Steps: 6” wide lower *1 22” or 24.5” Tank LH

Yes___ No___ Polish Only: 1 Aluminum Tan

Yes___ No___ Polished Cover: 1 DEF Tank any size

Yes___ No___ Mechanical Anti-roll Channel: 1 Tank

Yes___ No___ Pol Straps: 1 tank any size

Yes___ No___ DEF to Fuel fill ratio 2:1 or greater

Yes___ No___ Anti-siphon device F/tank filler neck

Yes___ No___ DEF tank location is on the LH.

**Cab & Equipment**

Yes___ No___ Cab: Stamped Aluminum, Panoramic Curved windshield, w/LED Marker Lights, Signals

Yes___ No___ Hood: Standard Length w/Mechan. Fastened fenders, 122.6” BBC

Yes___ No___ Bright Engine Air Intake

Yes___ No___ Filter: Fine Particulate for HVAC cabin air in high dust applications

Yes___ No___ Heater/Air Conditioner w/defrost & auto temp control – 48K BTU/hr heater

Yes___ No___ Shutoff valves to isolate primary heater
Yes___ No___  Steering wheel: 18 in. non leather Smart wheel integrated radio & cruise controls

Yes___ No___  Column mounted retarder control, RH side

Yes___ No___  Steering Column: Adjustable telescoping, tilt code F/18” steering wheel

Yes___ No___  Dash mid – compact trailer brake valve self-returning

Yes___ No___  Cab doors shall bearing blocks top & bottom of door to center door in opening

Yes___ No___  Auto suspension dump w/PTO engagement interlock

Yes___ No___  Dash Switch: 1st Allison-mounted PTO

Yes___ No___  Info for C/I PTO: Chelsea 10 bolt

Yes___ No___  SW: 2 spares wired to power

Yes___ No___  Instrument panel shall have the following gauges: Dash mounted air filter restriction gauge, air suspension pressure gauge, oil temperature w/integral warning light gauge, oil temperature engine gauge, air filter restriction gauge, manifold pressure boost gauge, engine percent torque gauge, fuel filter restriction gauge, manifold pressure gauge, dual axle oil temperature gauge w/integral warning light, oil temperature gauge transmission.

Yes___ No___  USB charging port – dash panel

Yes___ No___  Instrument package: Includes speedometer, tachometer and outside temperature indicator.

Yes___ No___  Floormat: Rubber Material

Yes___ No___  Cab interior: Shall be of manufacturer’s standard level

Yes___ No___  Interior color: Slate Gray or manufacturer’s standard color

Yes___ No___  Driver seat: High Back duracloth, Heat/Air-ride suspension.

Yes___ No___  Rider seat: toolbox seat, duracloth

Yes___ No___  Seat color: equal to standard color.


Yes___ No___  CB installation kit: Center mounted of header w/quick mount release dual antenna.

Yes___ No___  Non-self-cancelling turn signal switch column-mounted
**LH & RH Trip led rain deflectors**

Yes___ No___

**Stainless steel permit panel on cab**

Yes___ No___

**Grab Handle: 1 long RH mounted soc exhaust**

Yes___ No___

**Grab Handle: LH, Ergonomic exterior side of cab**

Yes___ No___

**Grab Handles: Dual cab—interior, A-pillar mtd dash wrap & B-pillar mtd handles.**

Yes___ No___

**Daylite door: w/std. LH/RH electric door locks and LH/RH electric window controls**

Yes___ No___

**Single air horn under cab.**

Yes___ No___

**Look-down, passenger door, black 11x6**

Yes___ No___

**Rear cab window: fixed 19”x36” Dark tint shatterproof polycarbonate plastic**

Yes___ No___

**Rear cab window: 2 additional 19”x12” dark tint outboard shatterproof polycarbonate**

Yes___ No___

**3.5 x 11.5” plastic record holder mounted rear cab panel**

Yes___ No___

**Windshield: 1 Piece bonded-in w/curved glass**

Yes___ No___

**Sunvisor: Exterior stainless steel**

Yes___ No___

**Fender close-out below headlamp behind bumper**

Yes___ No___

**Wheelwell Fender extension: 4.5”**

Yes___ No___

**Air ride cab suspension.**

**Mirrors:**

Yes___ No___

**Dual Aero Moto heated mirrors 7”x 13” Chrome shell-arms black w/6”x7” convex mirrors**

Yes___ No___

**Single convex mirror 8-1/2 in. x 4-7/16” mounted above pass door**

Yes___ No___

**Mirrors brackets must have 8-1/2 ft load width.**

**Lights & Electrical:**

Yes___ No___

**Headlamps: SAE Dual Halogen Complex Reflector**

Yes___ No___

**Marker Lights: Five rectangular LED**
Yes___ No___  Turn Signal Lights: Flush mounted LED, mounted at top of fender wheel arc
Yes___ No___  LED stop/turn/tail: with 2 LED B/U lights and w/ LED license plate
Yes___ No___  Interrupter switch for marker lights B-cab: included in turn signal; T3 in dash
Yes___ No___  Brake lights on when engine brake is active
Yes___ No___  Reflectors: 2 amber midframe-mounted F/full truck
Yes___ No___  Backup alarm: Electric
Yes___ No___  Polyswitches repl fuses: Switch will auto reset after removal of excess load
Yes___ No___  Circuit Breakers: Replacing fuses. Does not

**Air Equipment:**

Yes___ No___  Air Dryer: Bendix AD-HF Heated Puraguard.
Yes___ No___  Moisture ejection valve w/pull cable drain.
Yes___ No___  Nylon air tubing: Frame/Cab
Yes___ No___  Full truck kit
Yes___ No___  Trailer ABS electrical supply thru SAE J560 7 pin connector (per TMC RP137)

**Paint:**

Yes___ No___  L0006EY WHITE
Yes___ No___  SUNVISOR L0006EY WHITE B/C
Yes___ No___  FRAME N0001 EA BLACK

**Optional Ext. Warranty and Preventive Maintenance**

Yes___ No___  Base Warranty: Standard Service Heavy Duty – 12 months/100K miles/160K KM
Yes___ No___  Base Warranty emissions: 2 yr/250K miles – EPA engine