

# CITY OF HILLSDALE, MI.

## CITY OF HILLSDALE

### Purchase of two 5-6 Yard Dump Trucks

#### Bid Instructions and Specifications

The City of Hillsdale, Michigan, Public Services Department is currently accepting bids for the purchase of two 5-6 Yard Dump Truck. Bids shall be received at the City Clerk's Office, Hillsdale City Hall, 97 N Broad St, Hillsdale, Michigan, 49242 until **10:00 a.m.** local time on **Thursday, January 25, 2018**. No bids will be received after said time on said date. Immediately thereafter, all bids will be publicly opened and read aloud in the second floor conference room at Hillsdale City Hall.

1. All Bids shall be sealed in an opaque envelope and marked "**Bid-5-6 Yard Dump Trucks.**"
2. Bids may be delivered by mail or personal delivery to the City Clerk's Office, 97 N. Broad Street, Hillsdale, Michigan 49242, but must arrive there by **10:00 a.m. Thursday, January 25, 2018**. Any bids arriving at the City Clerk's Office thereafter shall not be accepted or considered for any purpose what so ever.
3. Each bidder shall use this form, including all attachments hereto, as supplied by the City of Hillsdale, to make and submit its bid. Each bid submitted shall be subject to all terms, conditions, and provisions contained in this form and the attachments hereto.
4. No bid may be withdrawn after opening of the bids, with out the prior written consent of the City of Hillsdale, for a period of thirty (30) days after January 25, 2018.
5. The City of Hillsdale reserves the right to:
  - reject any and all bids which are received;
  - waive any defects in a bid other than the timeliness of its submission;
  - accept the bid or bids which the City of Hillsdale determines, in its sole discretion, to be in the best interest of the City, whether or not the bid or bids accepted are the lowest bid or bids
6. All invoices shall be submitted to the Department of Public Services, 149 Waterworks Ave, Hillsdale, Michigan 49242.
7. All inquires regarding these bids instructions and other attachments hereto, shall be directed to the Department of Public Services, 149 Waterworks Ave, Hillsdale Michigan 49242. Telephone (517) 437-6490.
8. **Minority Business Enterprises (MBE)/Women's Business Enterprises (WBE) are strongly encouraged to submit bids to the City of Hillsdale for this project.**

## **I. Intent**

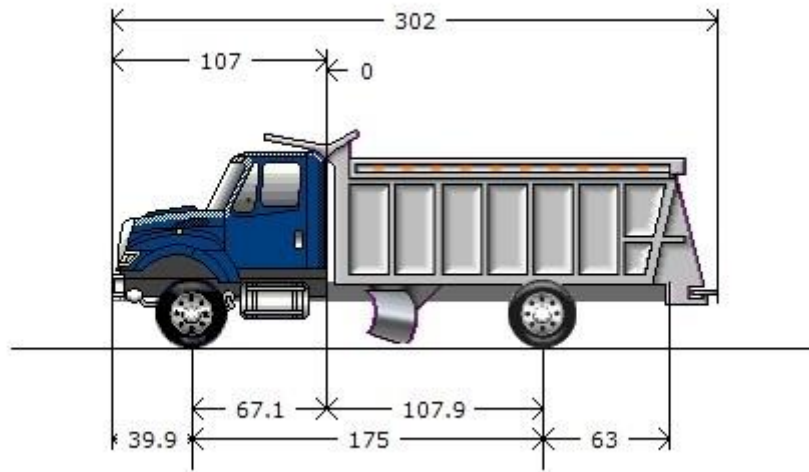
It is the intention of these specifications to describe the **Cab and Chassis, Dump Box, Hydraulics, Underbody Scraper, Tailgate Salt Spreader, and front mount plow hitch** for 5-6 Yard Dump Trucks and to permit qualified bidders to quote on furnishing such units in accordance with these specifications.

## **II. General terms**

The units furnished shall be manufacture's current model. Parts and service facilities shall be available to the City of Hillsdale. The specifications shall be construed as minimum. Should the manufacture's current published data or specifications exceed these, they shall be considered as minimum and furnished.

The general design details of the trucks shall be of the manufacture's standards. The truck manufacture shall insure the design is adequate for the intended service and thus modify his standard design as needed, even though such modifications may not be specifically noted in these specifications. All material shall be free from defects.

## **III. Specific Requirements**



**Model Profile**  
**2019 7400 SBA 4X2 (SA625)**

**APPLICATION:** Construction Dump

**MISSION:** Requested GVWR: 35000. Calc. GVWR: 36220  
 Calc. Start / Grade Ability: 44.16% / 2.85%  
 @ 55 MPH Calc. Geared Speed: 73.5 MPH

**DIMENSION:** Wheelbase: 175.00, CA: 107.90, Axle to Frame: 63.00

**ENGINE, DIESEL:** {Cummins L9 300} EPA 2017, 300HP @ 2000 RPM, 860 lb-ft Torque @ 1300 RPM, 2200 RPM Governed Speed, 300 Peak HP (Max)

**TRANSMISSION, AUTOMATIC:** {Allison 3500 RDS} 5th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000lb GVW and GCW Max, On/Off Highway

**CLUTCH:** Omit Item (Clutch & Control)

**AXLE, FRONT NON-DRIVING:** {Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,000-lb Capacity

**AXLE, REAR, SINGLE:** {Meritor RS-23-160} Single Reduction, 23,000-lb Capacity, Driver Controlled Locking Differential, 200 Wheel Ends Gear Ratio: 5.63

**CAB:** Conventional

**TIRE, FRONT:** (2) 11R22.5 Load Range H HSC1 (CONTINENTAL), 496 rev/mile, 75MPH, All Position

**TIRE, REAR:** (4) 11R22.5 Load Range H HDR2 (CONTINENTAL), 491 rev/mile, 75 MPH, Drive

**SUSPENSION, RR, SPRING,** Vari-Rate; 23,500-lb Capacity

**SINGLE:**

**FRAME REINFORCEMENT:** Outer "C" Channel, Heat Treated Alloy Steel (120,000 PSI Yield); 10.813" x 3.892" x 0.312"; (274.6mm x 98.9mm x 8.0mm); 480.0" (12192mm) Maximum OAL

**PAINT:** Cab schematic 100GN  
Location 1: 6024,  
Blue (Prem) Chassis  
schematic N/A

Base Chassis, Model 7400 SBA 4X2 with 175.00 Wheelbase, 107.90 CA, and 63.00 Axle to Frame.

FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.580" x 0.312" (257.2mm x 90.9mm x 8.0mm); 480.0" (12192) Maximum OAL

FRAME REINFORCEMENT Outer "C" Channel, Heat Treated Alloy Steel (120,000 PSI Yield); 10.813" x 3.892" x 0.312"; (274.6mm x 98.9mm x 8.0mm); 480.0" (12192mm) Maximum OAL  
BUMPER, FRONT Omit Item

FRAME EXTENSION, FRONT Integral; 20" In Front of Grille, with Outer "C" Channel Reinforcement

WHEELBASE RANGE 138" (350cm) Through and Including 187" (475cm)

AXLE, FRONT NON-DRIVING {Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,000-lb Capacity

**Notes**

: The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.  
SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 14,000-lb Capacity; with Shock Absorbers

**Includes**

: SPRING PINS Rubber Bushings, Maintenance-Free

**Notes**

: The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.  
BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

**Includes**

: BRAKE LINES Color and Size Coded Nylon  
: DRAIN VALVE Twist-Type  
: GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster  
: PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel  
: PARKING BRAKE VALVE For Truck  
: QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4  
: SLACK ADJUSTERS, FRONT Automatic (with Air Cam Brakes)

: SLACK ADJUSTERS, REAR Automatic (with Air Cam Brakes)  
: SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6

**Notes**

: Rear Axle is Limited to 23,000-lb GAWR with Code 04091 BRAKE SYSTEM, AIR and Standard Rear Air Cam Brakes

Regardless of Axle/Suspension Ordered

BRAKES, FRONT, AIR CAM 16.5" x 6", Includes 24 SqIn Long Stroke Brake Chambers

**Notes**

: The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.

DRAIN VALVE {Berg} with Pull Chain, for Air Tank

**Includes**

: DRAIN VALVE Mounted in Wet Tank

AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel)

AIR DRYER {Wabco System Saver 1200} with Heater

**Includes**

: AIR DRYER LOCATION Inside Left Rail, Back of Cab

BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Spring Brake

BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqIn

BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 30/30 Sq.In. Long Stroke Brake Chamber and Spring Actuated Parking Brake

**Notes**

: The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.

AIR COMPRESSOR {Cummins} 18.7 CFM Capacity

AIR TANK LOCATION (2) Mounted 25" Back of Cab, Outside Right Rail, with Ground Clearance

STEERING COLUMN Tilting and Telescoping

STEERING WHEEL 2-Spoke, 18" Dia., Black

STEERING GEAR {Sheppard M100} Power

AFTERTREATMENT COVER Aluminum

EXHAUST SYSTEM Single Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab; Includes Single

Vertical Tail Pipe, Frame Mounted Right Side Back of Cab, for Improved Ground Clearance

TAIL PIPE (1) Turnback Type, Non-Bright, for Single Exhaust

EXHAUST HEIGHT 10'

MUFFLER/TAIL PIPE GUARD (1) Non-Bright Aluminum

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

**Includes**

: DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab

: HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover

: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever

: HEADLIGHTS (2) Halogen, Round, with Chrome Plated Bezels

: JUMP START STUD Located on Positive Terminal of Outermost Battery

: PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light

: STARTER SWITCH Electric, Key Operated  
 : STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector  
 : TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature  
 : WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever  
 : WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted  
 : WIRING, CHASSIS Color Coded and Continuously Numbered  
 CIGAR LIGHTER Includes Ash Cup  
 HORN, ELECTRIC (2) Disc Style  
 ALTERNATOR {Bosch LH160} Brush Type, 12 Volt 160 Amp. Capacity, Pad Mount  
 BODY BUILDER WIRING Back of Standard or Sleeper Cab at Left Frame or Under Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn  
 ELECTRIC TRAILER BRAKE/LIGHTS Accommodation Package to Rear of Frame; for Combined Trailer Stop, Tail, Turn, Marker Light Circuits; Includes Electric Trailer Brake Accommodation Package with Cab Connections for Mounting Customer Installed Electric Brake Unit, Less Trailer Socket  
 BATTERY SYSTEM {International} Maintenance-Free, (3) 12-Volt 1950CCA Total  
 RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers  
 BACK-UP ALARM Electric, 102 dBA  
 BATTERY BOX Steel with Plastic Cover, 18" Wide, 2, 3, or 4 Battery Capacity, Mounted Left Side Back of Cab  
 HORN, AIR Black, Single Trumpet, Air Solenoid Operated  
 WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time  
 CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade  
 TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights  
 HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on  
 STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt; less Thermal Over-Crank Protection  
 INDICATOR, LOW COOLANT LEVEL with Audible Alarm  
 ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, with Ignition "OFF" and any Door Opened  
 CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses  
 TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender  
 BATTERY DISCONNECT SWITCH 300 Amp; Cab Mounted, Disconnects Charging Circuits; Locks with Padlock  
 FENDER EXTENSIONS Rubber  
 INSULATION, UNDER HOOD for Sound Abatement

GRILLE Stationary, Chrome  
INSULATION, SPLASH PANELS for Sound Abatement  
FRONT END Tilting, Fiberglass, with Three Piece Construction; for WorkStar/HV  
PAINT SCHEMATIC, PT-1 Single Color, Design 100

**Includes**

: PAINT SCHEMATIC ID LETTERS "GN"  
PAINT TYPE Base Coat/Clear Coat, 1-2 Tone  
PAINT CLASS Premium Color  
SAFETY TRIANGLES  
PROMOTIONAL PACKAGE Government and Municipal Silver Package; Two Year Limited Subscription of On-Command  
Service Information (Formerly Fleet ISIS), and On-Command Parts Information (Formerly Fleet Parts Catalog), Requires Specific Feature Combinations  
CLUTCH Omit Item (Clutch & Control)  
ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection  
PTO EFFECTS, ENGINE FRONT Less PTO Unit, Includes Adapter Plate on Engine Front Mounted  
ENGINE, DIESEL {Cummins L9 300} EPA 2017, 300HP @ 2000 RPM, 860 lb-ft Torque @ 1300 RPM, 2200 RPM Governed Speed, 300 Peak HP (Max)  
FAN DRIVE {Horton Drivemaster} Direct Drive Type, Two Speed with Residual Torque Device for Disengaged Fan Speed

**Includes**

: FAN Nylon  
RADIATOR Cross Flow, Series System; 1228 SqIn Aluminum Radiator Core with Internal Water to Oil Transmission Cooler and 1167 In Charge Air Cooler

**Includes**

: DEAERATION SYSTEM with Surge Tank  
: HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type;  
Thermoplastic Coolant Hose Clamps : RADIATOR HOSES Premium, Rubber  
AIR CLEANER Single Element, with Integral Snow Valve and In-Cab Control

**Includes**

: GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted  
FEDERAL EMISSIONS {Cummins L9} EPA, OBD and GHG Certified for Calendar Year 2018  
THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel  
ENGINE CONTROL, REMOTE MOUNTED - No Provision Furnished for Remote Mounted Engine Control  
EMISSION COMPLIANCE Federal, Does Not Comply with California Clean Air Idle Regulations  
TRANSMISSION, AUTOMATIC {Allison 3500 RDS} 5th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway  
TRANSMISSION OIL Synthetic; 29 thru 42 Pints  
ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction

TRANSMISSION SHIFT CONTROL {Allison} Bump Shifter Type; for Allison 3000 & 4000

Transmission

TRANSMISSION TCM LOCATION Located Inside Cab

SHIFT CONTROL PARAMETERS Allison 3000 or 4000 Series Transmissions, 5th Generation Controls, Performance

Programming

PTO LOCATION Left Side of Transmission

AXLE, REAR, SINGLE {Meritor RS-23-160} Single Reduction, 23,000-lb Capacity, Driver Controlled Locking Differential, 200 Wheel Ends . Gear Ratio: 5.63

**Includes**

: REAR AXLE DRAIN PLUG (1) Magnetic, For Single Rear Axle

**Notes**

: The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.

: When Specifying Axle Ratio, Check Performance Guidelines and TCAPE for Startability and Performance

SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 23,500-lb Capacity

**Notes**

: The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.

LOCATION FUEL/WATER SEPARATOR Mounted Outside Left Rail, 41" Back of Cab

FUEL/WATER SEPARATOR {Racor 400 Series,} with Primer Pump, Includes Water-in-Fuel Sensor

FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 16" Tank Depth, 50 US Gal (189L), with Quick Connect Outlet,

Mounted Left Side, Under Cab

DEF TANK 7 U.S. Gal. 26.5L Capacity, Frame Mounted Outside Left Rail, Under Cab

CAB Conventional

**Includes**

: ARM REST (2) Molded Plastic; One Each Door

: COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window

: CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel

: DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to

Console, Center Mounted

: GLASS, ALL WINDOWS Tinted

: GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side

: GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side

: INTERIOR SHEET METAL Upper Door (Above Window

Ledge) Painted Exterior Color : STEP (4) Two Steps Per Door

GAUGE CLUSTER English with English Electronic Speedometer

**Includes**

: GAUGE CLUSTER (6) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer

(Electronic), Voltmeter, Washer Fluid Level



: ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout  
: WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)  
GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission  
IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster  
GAUGE, DEF FLUID LEVEL  
SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, with 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust

**Includes**

: SEAT BELT 3-Point, Lap and Shoulder Belt Type  
GRAB HANDLE (2) Chrome Towel Bar Type with Anti-Slip Rubber Inserts; for Cab Entry, Mounted Left and Right, Each  
Side at "B" Pillar  
SEAT, PASSENGER {National} Non Suspension, High Back, Fixed Back, Integral Headrest, Vinyl  
MIRRORS (2) {Lang Mekra} Rectangular, Thermostatically Controlled Heated Heads, Black Heads, Brackets and Arms, Breakaway Type, 7.55" x 14.1" Integral Convex Both Sides, 102" Inside Spacing  
ARM REST, RIGHT, DRIVER SEAT  
AIR CONDITIONER {Blend-Air} with Integral Heater & Defroster

**Includes**

: HEATER HOSES Premium  
: HOSE CLAMPS, HEATER HOSE Mubea Constant Tension Clamps  
: REFRIGERANT Hydrofluorocarbon HFC-134A  
INSTRUMENT PANEL Center Section, Flat Panel  
HVAC FRESH AIR FILTER  
CAB INTERIOR TRIM Deluxe

**Includes**

: CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering  
: CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket  
: DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors  
: FLOOR COVERING Rubber, Black  
: HEADLINER Soft Padded Cloth  
: INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section  
: STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door  
: SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console  
CAB REAR SUSPENSION Air Bag Type  
WHEELS, FRONT {Maxion 90541} DISC; 22.5x8.25 Rims, Painted Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs  
WHEELS, REAR {Maxion 10049} DUAL DISC; 22.5x8.25 Rims, Painted Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with .490" Thick Increased Capacity Disc and Steel Hubs

PAINT IDENTITY, FRONT WHEELS Disc Front Wheels; with Vendor Applied White Powder Coat Paint

PAINT IDENTITY, REAR WHEELS Disc Rear Wheels; with Vendor Applied White Powder Coat Paint

BDY INTG, REMOTE POWER MODULE Mounted Inside Cab behind Driver Seat; Up to 6 Outputs & 6 Inputs, Max. 20 amp. per Channel, Max. 80 amp Total (Includes 1 Switch Pack with Latched Switches)

BDY INTG, INDICATOR LIGHTS (2) 1 for Body Up, 1 for Gate Open, Includes Audible Alarm, Programmable Mode for Various Switch Actions. (Requires 2 Remote Power Module Inputs)

(2) TIRE, FRONT 11R22.5 Load Range H HSC1 (CONTINENTAL), 496 rev/mile, 75 MPH, All-Position

(4) TIRE, REAR 11R22.5 Load Range H HDR2 (CONTINENTAL), 491 rev/mile, 75 MPH, Drive

Cab schematic 100GN

Location 1:

6024, Blue

(Prem) Chassis

schematic N/A

## **Services**

### **Section:**

WARRANTY Standard for WorkStar 7300/7400 (4x2, 4x4, 6x4, 6x6), Effective with Vehicles Built January 2, 2015 or

Later, CTS-2002U

D.O.T. Inspection, Safety Kit, Mud Flaps

### **Outfitting:**

GSM1-10'6" X 30" X 42" BEAU-ROC STAINLESS STEEL DUMP BODY PACKAGE, CS90-4.5-3DA DOUBLE ACTING HEAD MOUNT HOIST, MOUNTING KIT 905-20-24T, 24"CAB SHIELD SS201 2B 10GUAGE STAINLESS STEEL, OVAL HOLES IN FRONT AND SIDES, SIDES SS201 2B 7GUAGE, TOP RAIL: FOLDED INS, LADDER 910S-02-N-SS, FRONT: SS201 2B 7GUAGE, 45 DEGREE CORNERS, RECESS, 12" DEEP, FLOOR: HARDOX 450 0.177", "NON HEATABLE", SILLS: DOMEX100W 3/16", REAR & TAILGATE: SS 201 2B 7GUAGE, DOUBLE ACTING, D-A BANJOS INSTALLED, 77" SS CHAINS & SHACKLES LOOSE, STRAIGHT TAILGATE, AIR OPERATED TAILGATE INCLUDED, BODY PROP

INSTALLED, UNDERCARRIAGE PRIMED WITH BLACK EPOXY, BOX PAINTING NOT REQUIRED

ROOT MODEL F8900 12 FOOT SCRAPER

29" PLOW HITCH MOUNTED ON A 12" CHANNEL BUMPER

92421SSA UTG STAINLESS STEEL SALT SPREADER, 6" AUGER WITH 3/8" FLIGHTING, 18" POLYURETHANE SPINNER, WITH 7GPM MOTOR, EXTREME LEFT DISCHARGE, EXTENDED SIDES CERTIFIED POWER CRANKSHAFT DRIVEN LOAD SENSE HYDRAULICS, COMMERCIAL P330 VALVE IS IN A WEATHER PROOF STAINLESS STEEL ENCLOSURE, SPREADER VALVE AND CONTROLS MOUNTED IN CAB

1809027A FABRICATORS HITCH PLATE, 3/4" THICK X 34.5" WIDE X 25.5", D-RINGS, 5/8" PRE PUNCHED HOLES, INCLUDES WELD-ON GUSSETS

AERO ELECTRIC TARP SYSTEM WITH HEAVY DUTY FABRIC

LED SCRAPER LIGHT MOUNTED ON PASSENGER SIDE TO ILLUMINATE CURBSIDE OF SCRAPER

LED SPREADER LIGHT MOUNTED ON REAR DRIVERS SIDE OF BODY TO ILLUMINATE SPREAD OF MATERIAL

ONE LED FLASHER AMBER/GREEN MOUNTED ON EACH REAR CORNER POST (2 TOTAL)

ONE LED FLASHER AMBER/GREEN MOUNTED ON FRONT AND SIDE OF CAB SHIELD (4 TOTAL)

ONE LED OVAL BACKUP LIGHT MOUNTED ON EACH REAR CORNER POST

ONE LED STOP/TURN/TAIL LIGHT MOUNTED ON EACH REAR CORNER POST

### **Paint**

Cab shall be painted with a high quality, high solid content, base coat, with a clear coat. **No Exceptions**

Paint color shall be International color code #6024 Brilliant Blue or equivalent

**Manuals**

The bidder shall supply a complete set of shop, parts, and operational manuals with this unit.

**Terms and Conditions**

- Title fees (registration fee) shall be included in bid price
- The vehicle must meet MIOSHA and MDOT standards
- It is the bidder's responsibility to note any deviations to the specifications
- Furnish complete, descriptive literature.

Exceptions: All exceptions to the above specification are explained further in space provided below. Unless noted the City assumes bidder meets specifications as stated above.

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**City of Hillsdale**  
**BID FORM**

**5-6 Yard Dump Truck**

Bid Date: January 25, 2008 Time: 10:00 a.m.

Delivery; to be delivered as a complete unit, as described in the specifications, to the City of Hillsdale Public Services Department, 149 Waterworks Avenue, Hillsdale Michigan 49242

Total bid price – 2 Complete Trucks Cab & Chassis, Dump boxes,  
Hydraulics, Underbody Scrapers, Tailgate Salt  
Spreader (Including all delivery charges): \$\_\_\_\_\_

Specify Warranty: \_\_\_\_\_

Specify delivery date MUST BE PRIOR TO 08-31-18: \_\_\_\_\_

Bidder's Company: \_\_\_\_\_

Company Address: \_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

Company Tax ID Number: \_\_\_\_\_

The bidder hereby affirms that he or she has the authority to submit this bid on behalf of the above referenced company and that unless specifically noted, and the bid conforms to all respects to the attached specifications

Bidder's name: \_\_\_\_\_

Bidder's title: \_\_\_\_\_

Bidder's signature: \_\_\_\_\_

Date: \_\_\_\_\_