

**VILLAGE OF OTTAWA HILLS  
SPECIFICATIONS FOR 2021-22 BID FOR TANDEM AXLE CAB AND CHASSIS  
WITH A 25 YARD REFUSE COMPACTOR BODY**

The intent of the Village is to receive bids for one new tandem axle cab and chassis equipped with a 25 yard refuse compactor body for use in the Service Department of the Village of Ottawa Hills. Bids shall be sent to the Village of Ottawa Hills, 2125 Richards Road, Ottawa Hills, OH 43606 prior to 11:00 am (EST) on December 21, 2021. Bids will be opened and read publicly on this bid date.

Bids must be in a sealed envelope and the exterior of that envelope must clearly indicate that the envelope contains a bid for refuse truck and must identify the bidder.

**BID BOND**

Bids shall include a bid bond in the amount of 10% of the cost of the vehicle. The bid bond will be returned to unsuccessful bidders upon award of the contract to a successful bidder.

Any mention of a particular make or model of equipment is made to obtain the types of units and quality desired and is not to be construed as an endorsement of any particular product. Nor is it intended to eliminate another make or model from being submitted as a bid.

**INTENDED USE**

The intended use of the specified vehicle is for residential refuse collection in the Village of Ottawa Hills. The vehicle specified will be used to transport the waste collected to a nearby landfill, approximately 10 miles one way, where the refuse will be deposited in the landfill. Therefore, bidders should assure that the vehicle specified is fully capable of performing the duties is described.

**GENERAL CONDITIONS**

The determination and judgment as to whether any competing product is equal to or better than the specified product for the purposes desired is solely to be made by the Village of Ottawa Hills, based on reasonable and objective evaluation.

The Village reserves the right to base the award of bid on such factors as the Village deems fit for the required service.

Equipment shall be new, complete, current model, and ready for operation when delivered.

Each bidder shall attach pictures and complete descriptive material to the proposal.

Vendor shall furnish certificate of title for the unit after registering the same with the State of Ohio Division of Motor Vehicles upon delivery of the vehicle.

Prices shall be quoted delivered and ready for operation at the Village of Ottawa Hills located at 2125 Richards Road, Toledo, Ohio 43606 and shall include checkup, inspection and adjustment at 1,000 miles.

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The Village reserves the right to be the sole judge of suitability and fitness of the equipment bid as well as all other factors as may determine the suitability of the equipment for the needs of the Village. The attached personal property tax affidavit signed by the bidder will be considered part of the bid.

The Village of Ottawa Hills reserves the right to reject any or any part of any or all bids, to waive formalities and technicalities, to advertise for new bids or to make an award if, in the judgment of the Village, the best interest of the Village will be promoted thereby.

The Village assumes no responsibility for understandings or misrepresentations concerning statements made by any of its employees prior to the execution of the contract unless such understanding or representation made specifically incorporated into the contract. No additional allowance will be made because of lack of knowledge of such conditions.

Changes to these specifications will be made in the form of addenda and provided to all bidders who have received copies of the specifications.

Any exceptions to the specifications shall be noted by the bidder on the specification sheet as furnished.

The attached vendor response sheet must be utilized for bidding. Please complete typewritten or written in ink. All corrections or erasures shall be initialized. In case of an error in extension the unit price shall govern. Unless otherwise specified the bid shall be guaranteed for sixty (60) days.

All manufacturers' warranties shall apply.

No vendor shall install their name or decals on any Village of Ottawa Hills equipment.

It is understood and agreed by and between the Village of Ottawa Hills and the successful vendor that delivery of unit on or before the specified scheduled delivery date is critical to the delivery of municipal services to the citizens of the Village of Ottawa Hills. Therefore, if the unit is not delivered, complete and ready for operation to the Village of Ottawa Hills building on or before the specified delivery date, there will be a deduction of liquidated damages of \$200.00 per unit for each calendar day the Village of Ottawa Hills receives delivery of the units after their assigned delivery date.

The Village of Ottawa Hills may, for good cause shown, extend the time of delivery of units specified upon receipt of a request from the vendor supported by independent documentation at least seven (7) days prior to the specified delivery date.

The successful bidder shall furnish one (1) complete set of parts, operations and service and overhaul and maintenance manuals for all components bid.

Any documents submitted with the bid or proposal will be treated by the Village as public documents.

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**TANDEM AXLE CAB & CHASSIS WITH 25 YARD REFUSE COMPACTOR BODY**

These specifications are for one (1) new tandem axle cab and chassis with 25 yard refuse packer ready for operation, as described in these specifications.

The vehicle is to be delivered complete and ready for operation with the packer body installed and fully functional.

The packer body is to be a 25 cubic yard rear loading refuse body.

The packer body shall have the following specifications.

- Height of unit when delivered ready for service shall not exceed 11 feet, 10 inches
- Hot shift PTO
- Heavy duty steps and tire shields
- Mid body turn signals
- Heavy duty packer plate
- Rotating light with guard
- Street side door
- (12) twelve month warranty

**ADDITIONAL SPECIFICATIONS**

<b>ITEM</b>	<b>MINIMUM</b>	<b>BID</b>
EXPECTED GROSS VEHICLE WEIGHT CAPACITY	64,000	
TRUCK BODY LENGTH	22 FEET	
CAB TO BODY CLEAR	4"	
AXLE CAPACITY FRONT REAR	18,000 LBS. 46,000 LBS.	
ENGINE	300 H.P. @ 2000 RPM'S: 2400 GOV RPM: 800 LB/FT AT 1440 RPM'S: EPA COMPLIANT	
OIL CHECK & FILL	ENGINE MOUNTED	

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<b>ITEM</b>	<b>MINIMUM</b>	<b>BID</b>
AIR CLEANER ALTERNATOR BATTERIES COMPRESSOR ENGINE PROTECTION FAN DRIVE FUEL FILTER RADIATOR HEAVY DUTY COOLANT COOLANT HOSE ENGINE HEATER HEATER RECEPTACLE STARTER	DONALDSON ONE STAGE 130 AMP DELCO 22-SI 2 12-VOLT ALLIANCE GROUP 31 1031MF 2200 CCA BENDEX 18 CUBIC FEET PER MINUTE ELECTRONIC ENGINE INTERVAL SHUTDOWN KYSOR K-22RA ON/OFF REAR AIR ENGINE SPIN ON 1100 SQUARE INCH COPPER/BRASS ETHYLENE GLYCOL PRE CHARGED SCA TO-30F GATES BLUE STRIPE HOSES PHILLIPS 1000 WATT/115 AIR INTAKE WARMER DELCO 12V 41 MT 400 SERIES	
<b>TRANSMISSION &amp; EQUIPMENT</b> TRANSMISSION SHIFT LEVER TRANSMISSION OIL COOLER	ALLISON MD3560P 6 SPD WITH PTO 6 SPD REFUSE SPECIAL IMD/HD TRANSMISSION PROGRAMMING MAGNETIC ENGINE DRAIN AND REAR AXLE FILL AND DRAIN PLUG DASH MOUNTED PUSH BUTTON WATER TO OIL	

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ITEM	MINIMUM	BID
<b>FRONT AXLE &amp; SUSPENSION</b>  FRONT AXLE  FRONT BRAKES  FRONT BRAKE DRUMS  FRONT BRAKE DUST SHEILDS  POWER STEERING  FRONT AUTO SLACK ADJUSTERS  POWER STEERING RESERVOIR  POWER STEERING COOLER  FRONT SUSPENSION LEAF SPRING  SPRING PIN BUSHINGS  FRONT SHOCK ABSORBERS  KING PIN BUSHINGS	MERITOR ML941 @ 20,000LBS.  MERITOR CAM 16.5X6 Q+  OUTBOARD MOUNTED CAST IRON    TRW TAS85  GUNITE  TWO QUART – SEE THRU  OIL TO AIR  FLAT LEAF @ 18,000 LBS.  BRONZE   STANDARD	
<b>REAR AXLE &amp; SUSPENSION</b>  REAR AXLE  MAIN DRIVELINE  I/A DRIVELINE  REAR BRAKES  REAR AUTO LINING  REAR AUTO SLACK ADJUSTERS  PARKING BRAKE CHAMBERS	<b>MERITOR RT-40-145 46,000 LBS.</b>  <b>DANA SPICER 1710 HEAVY-DUTY W/FULL ROUND YOKES OR MERITOR 17 W/FULL ROUND YOKES</b>  <b>DANA SPICER 1710 W/HALF ROUND YOKES OR MERITOR 17N W/FULL ROUND YOKES</b>  <b>MERITOR CAM 16.5X7 Q+</b>  <b>NON-ASBESTOS</b>  <b>GUNITE</b>  <b>TWO AXLE</b>	

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<b>ITEM</b>	<b>MINIMUM</b>	<b>BID</b>
REAR SUSPENSION	46,000 LBS. HENDRICKSON HN-402	
REAR SUSPENSION SADDLE HEIGHT	9.56"	
REAR AXLE SPACING	56"	
<b>BRAKE SYSTEM EQUIPMENT</b>		
BRAKE PACKAGE	AIR	
ANTI-LOCK BRAKING SYSTEM	MERITOR/W ABCO 4 CHANNEL WITH (4 SENSOR/4 MODULATOR) ABS	
CHASSIS AIR LINES	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID	
BRAKE VALVES	STANDARD	
AIR DRYER	BENDIX AD=WITH HEATER	
AIR RESERVOIRS	STEEL	
AIR TANK DRAIN VALVES	DV2	
VALVES ON ALL TANKS		
<b>FRAME</b>		
FRAME	11/32" X 10-15/16'...(8.73MM X 277.8MM) STEEL	
FRAME REINFORCEMENT	¼ INCH C CHANNEL	
ENGINE CROSSMEMBER	OVERSLUNG CROSS MEMBER	
REAR SUSP CROSSMEMBER	STANDARD	
REAR MOST CROSSMEMBER		
END FRAME	STANDARD	
<b>CHASSIS EQUIPMENT</b>		
BUMPER FRONT TOW HOOKS	12' PAINTED THREE PIECE STEEL WITH COLLAPSIBLE BOXED ENDS -FRAME MOUNTED	
CHASSIS FASTENERS	HUCK-SPIN ROUND COLLAR	

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<b>ITEM</b>	<b>MINIMUM</b>	<b>BID</b>
<b>FUEL TANKS AND EQUIPMENT</b>		
FUEL TANK – 75 GALLON	RECTANGULAR – LEFT SIDE – ALUMINUM	
FUEL TANK AND BAND FINISH	PLAIN TANK WITH PAINTED BANDS	
FUEL TANK LOCATION	FORWARD	
FUEL TANK CAP	WATER SEPERATOR	
<b>FRONT TIRES, HUBS, WHEELS</b>		
FRONT TIRES	MICHELIN XZYI.....315/80R 22.5 20 PLY	
FRONT HUBS	CON MET HIGH CAPACITY ALUM	
20'/22.5' CAST SPOKE 1 SPARE WHEEL AND TIRE	WHEEL #500-005, 22.5 X 9.00 ACC32052PW RIMS #499-058	
<b>REAR DRIVE TIRES, HUBS, WHEELS</b>		
REAR TIRES	MICHELIN XDHT.....11R 22.5 14 PLY	
REAR HUBS	CONMET ALUMINUM	
20'/22.5' CAST SPOKE 1 SPARE WHEEL AND TIRE	WHEEL #503-005, 22.5 X 9.00 ACC32052PW RIMS #504-058	
<b>CAB EXTERIOR</b>		
CAB	106" BBC ALUMINUM CONVENTIONAL	
CAB MOUNTS	HYTEC	
FENDER EXTENSIONS	RUBBER	
GRAB HANDLES	LH/RH EXTERIOR	
HOOD	1-PIECE MOLDED FIBERGLASS HOOD & FENDERS	
AIR HORN	DUAL 26" HADLEY LONG RECT BRIGHT ALUMINUM	
ELECTRIC HORN	SINGLE	

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<b>ITEM</b>	<b>MINIMUM</b>	<b>BID</b>
HEADLIGHTS	SINGLE RECTANGULAR HALOGEN	
MARKER LIGHTS	LED	
STOP/TAIL/TURN LIGHTS	W/BACKUP LAMPS AT END OF FRAME	
TURN SIGNALS	FRONT LAMPS	
PRIMARY MIRRORS	STAINLESS STEEL WEST COAST W/HEATER	
DOOR MOUNTING OF MIRRORS		
EQUIPMENT WIDTH	102" FOR MIRRORS	
AUXILLARY MIRRORS	LH 8"/RH 8" CONVEX BRIGHT FINISH MTD UNDER PRIMARY MIRRORS	
DOWN VIEW MIRROR	RH	
REAR WINDOW	29" X 13" DUAL BOC WINDOW CLEAR	
DOOR WINDOWS	TINTED W/OPERATING DOOR WING WINDOW	
DOOR WINDOW REGULATORS	MANUAL	
WINDSHIELD	TINTED	
WINDSHIELD WASHER RESERVOIR	2 ½ GALLONS	
<b>CAB INTERIOR</b>		
HEATER PLUMBING		
ELECTRICAL	AUTOMATIC SELF-RESET CIRCUIT BREAKERS	
WIRING SCHEMATIC CARD	UNMOUNTED BASIC WIRING DIAGRAM FOR 12V NEG GROUND SYS	
INTERIOR LIGHTS	DOME LIGHT ACTIVATED LH DOOR	
CAB DOOR LATCHES	W/MANUAL DOOR LOCKS	
DRIVER SEAT	BOSTROM TALLADEGA 910 MID BLACK	



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<b>ITEM</b>	<b>MINIMUM</b>	<b>BID</b>
PASSENGER SEAT	NATIONAL 2-MAN NON-SUSP W/ FOLD-UP CUSHION W/STORAGE	
INTERIOR SUN VISORS	DRIVER AND PASSENGER SIDES	
<b>INSTRUMENT PANEL AND CONTROLS</b>		
GAUGE PACKAGE	BUSINESS GLASS GAUGE CLUSTER	
DRIVER INSTRUMENT PANEL	GRAY	
LOW AIR PRESSURE WARNING	LIGHT AND BUZZER	
AIR SYSTEM PRESSURE GAUGE	DUAL NEEDLE PRIMARY AND SECONDARY	
AIR RESTRICTION INDICATOR	INTAKE MTD	
CRUISE CONTROL SWITCHES		
DRIVER INFO CENTER	ODO/TRIP/HOUR/DISG/VOLTAGE DISPLAY 1X7 CHAR,26 WRNG LTS	
DIAGNOSTIC INTERFACE CONNECTOR	9 PIN, SAE J1587/1708/1939, BELOW DASH	
FUEL LEVEL GAUGE	ELECTRIC	
COOLANT TEMPERATURE GAUGE	ELECTRICAL	
TRANSMISSION TEMPERATURE GAUGE		
ENGINE OIL PRESSURE GAUGE		
RADIO	F/L XTA-2100 AM/FM/WB	
RADIO ANTENNA		
SPEEDOMETER	ELECTRONIC MPH	
TACHOMETER	ELECTRONIC	
VOLTAGE DISPLAY		

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<b>ITEM</b>	<b>MINIMUM</b>	<b>BID</b>
WINDSHEILD WIPER CONTROL  PARKING BRAKE SYSTEM TURN SIGNAL SWITCH	SINGLE ELECT WIPERS MOTOR W/DELAY  ONE-WAY PARKING BRAKE SYSTEM W/WARNING SELF CANCELING W/INTEGRAL HEADLIGHT BEAM 4-WAY FLASHER	
<b>HYDRAULICS</b> PUMP	CENTRAL SYSTEM TYPE POWERED BY DIRECT DRIVE SECTION PUM  Note: Pump assembly to be driven by an engine crankshaft flange through a needle bearing universal joint. The driveline assembly shall be a Universal Joint Service Model 9553-SF or equal, with a 2-2-329 flange yoke and a 2-4-3331 end yoke. (Crankshaft flange to be installed by truck manufacturer if available).	
<b>UNIVERSAL JOINT</b>	ACCESSIBLE GREASE FITTING	

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**BID SPECIFICATIONS  
BID OPENING DECEMBER 21, 2021 – 11:00AM (EST)**

CHASSIS

MANUFACTURER \_\_\_\_\_

MODEL \_\_\_\_\_

YEAR \_\_\_\_\_

G.V.W.R. \_\_\_\_\_

ENGINE MAKE \_\_\_\_\_ MODEL \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ H.P. \_\_\_\_\_

TRANSMISSION MAKE \_\_\_\_\_ TYPE \_\_\_\_\_ SPEEDS \_\_\_\_\_

**AXLES**

FRONT CAPACITY \_\_\_\_\_

REAR CAPACITY \_\_\_\_\_

REAR RATIO \_\_\_\_\_

**SPRINGS**

FRONT CAPACITY AT GROUND \_\_\_\_\_

REAR CAPACITY AT GROUND \_\_\_\_\_

**TIRES**

FRONT SIZE \_\_\_\_\_  
PLY \_\_\_\_\_

REAR SIZE \_\_\_\_\_  
PLY \_\_\_\_\_

HEIGHT/DOOR CLEARANCE \_\_\_\_\_

LIST ANY DEVIATIONS FROM SPECIFICATIONS:

\_\_\_\_\_

REFUSE PACKER BODY

Manufacturer \_\_\_\_\_

Model \_\_\_\_\_

Year \_\_\_\_\_

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List any deviations from specifications:

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BID BOND ENCLOSED \_\_\_\_\_

UNIT PRICE \$ \_\_\_\_\_

DELIVERY IN \_\_\_\_\_ DAYS AFTER ORDER IS RECEIVED

NAME OF COMPANY SUBMITTING BID \_\_\_\_\_

ADDRESS OF COMPANY \_\_\_\_\_

CONTACT PERSON \_\_\_\_\_ PHONE \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

Village of Ottawa Hills  
Refuse Packer Bid  
2125 Richards Road  
Ottawa Hills, Ohio 43560  
(419) 536-1111



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**CONTRACT ATTACHMENT  
NON-COLLUSION AFFIDAVIT  
(O.R.C. SECTION 731.14)**

I \_\_\_\_\_ certify that no collusion exists with the bidder of these specifications and/or other bidder for the above quotation and/or any Elected Official or representatives of the Village of Ottawa Hills.

\_\_\_\_\_  
Signature of Representative

\_\_\_\_\_  
Company

\_\_\_\_\_  
Date