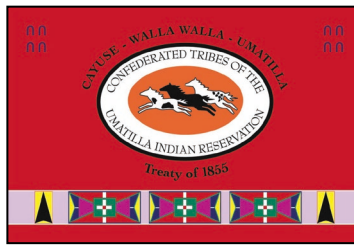


**Confederated Tribes *of the*  
Umatilla Indian Reservation**

Public Works Department



46411 Timine Way  
Pendleton, OR 97801

www.ctuir.org email:publicworks@ctuir.org  
Phone 541-429-7500 Fax: 541-429-7500

**Request for Proposals for Sweeper/Vacuum Truck**

Issue Date: 7/29/2022

The Confederated Tribes of the Umatilla Indian Reservation (CTUIR) through its Public Works Department is seeking Proposals on the purchase of a regenerative air street sweeper/vacuum truck. Sweeper must have the capability to sweep as well as clean storm drains with 4.5 cubic yard hopper, and 80" wide pickup head. The chassis for this sweeper shall be 2020 or newer cab-over or conventional type chassis and is to be sufficiently rated to transport a full load of sweeping debris at speeds up to 65 MPH. For operator safety/comfort, as well as parts/services availability, the chassis will NOT be a purpose built chassis built by the sweeper manufacturer. The chassis shall be equipped with spring suspension, dual steering, operator controls, and automatic transmission. All tires shall be the same size and have dual tires on each side of the rear axle (six-wheel configuration). The unit shall be 2020 or newer with low mileage.

Dealers may submit equipment proposals for a sweeper/vacuum truck meeting the above criteria to the CTUIR Public Works Department for review. The proposal shall include detailed, itemized pricing in with a quoted total cost for equipment. The proposal shall also include the attached checklist completed by the dealer.

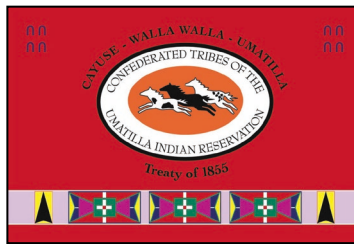
Please note that the CTUIR reserves all rights, and discretion without recourse to reject any and all proposals. Modifications and supplemental information will be distributed in the same manner as the original RFP.

Dealers interested in submitting an equipment proposal need to deliver sealed proposals with checklist needs to be delivered by 2:00pm **August 10, 2022** to:

CTUIR Public Works  
Attn: Prosper Picard  
46411 Timine Way, Pendleton, OR 97801

Proposals will be publicly opened at **3pm August 10, 2022** at the Nixyáawii Governance Center located at:  
46411 Timine Way Pendleton, OR 97801

*Additional information requests must be made in writing to Prosper Picard at [ProsperPicard@ctuir.org](mailto:ProsperPicard@ctuir.org)*



To allow Dealers an opportunity to communicate what specifications are included in the equipment they are proposing for purchase the following check list has been prepared. Please mark items with a "yes" if the option is included in the proposed sweeper/chassis. (Some items have a space to insert a quantity) This checklist along with the quoted price will be used to determine the winning proposal.

### **SWEEPER OPTIONS:**

#### **SWEEPING HEAD OPTIONS**

- \_\_\_\_\_ 1. Pickup head shall feature an optional head deluge for flushing the head with 2 1/2" hose equipped with a cam-lock coupler.

#### **GUTTER BROOM OPTIONS**

- \_\_\_\_\_ 2. Dual gutter brooms 39" min diameter, wire filled, and vertical digger type for removing debris.
- \_\_\_\_\_ 3. Gutter brooms are hydraulic motor driven and positioned laterally/vertically by hydraulic cylinders.
- \_\_\_\_\_ 4. Each gutter broom adjustable to allow downward compensation for bristle contact, pattern, wear as well as free floating to follow street contour.
- \_\_\_\_\_ 5. Each gutter broom has lateral flexibility to swing rearward 12" under the chassis when encountering the impact of an immovable object to avoid damage to the broom assembly.
- \_\_\_\_\_ 6. Each gutter broom is held in the up and transit position by an electric lock valve attachment.
- \_\_\_\_\_ 7. Upward motion of gutter broom is regulated by an adjustable flow control valve.
- \_\_\_\_\_ 8. Gutter broom disk is recessed to prevent such items as string, and small rope like material from being wrapped around and damaging the gutter broom motor.
- \_\_\_\_\_ 9. Gutter broom disk is designed as to allow water to drain off, to eliminate water damage to the gutter broom motor seals.
- \_\_\_\_\_ 10. Each gutter broom motor has a heavy-duty seal, seal slinger/protector and heavy duty bearing to extend life while operating in a debris filled environment.
- \_\_\_\_\_ 11. A center deflector is positioned under the belly of the sweeper in-between the brooms to direct debris thrown by the gutter brooms into the path of the pickup head.

- \_\_\_\_\_ 12. Deflector to raise and lower with pick-up head.
- \_\_\_\_\_ 13. Each gutter broom has a LED work light.
- \_\_\_\_\_ 14. Each gutter broom incorporates hydraulically actuated tilt capability of 27 degrees, remotely controlled from the operator's seat to allow instant adjustment for debris removal from deep gutters (such as those resulting from multiple overlays of blacktop).
- \_\_\_\_\_ 15. Each gutter broom has an electrically actuated Gutter Broom Extension Override (GEO) with in-cab controls to be able to extend and retract while in sweeping mode.

**MISCELLANEOUS OPTIONS**

- \_\_\_\_\_ 16. An electric hydraulic pump is provided to allow hopper dumping while the sweeper auxiliary engine is off.
- \_\_\_\_\_ 17. An Auxiliary engine air restriction indicator is provided.
- \_\_\_\_\_ 18. An 84" width front mounted bar magnet provided, and are adjustable from the cab.
- \_\_\_\_\_ 19. A set of 12" parabolic mirrors mounted on the chassis provided.
- \_\_\_\_\_ 20. An additional copy of a complete sweeper manual shall be provided.

**CAMERA OPTIONS**

- \_\_\_\_\_ 21. A [ ] (#) camera system provided that adds an auxiliary camera to standard rear-view camera.

**DUST CONTROL SYSTEM**

- \_\_\_\_\_ 23. An optional water tank with a capacity of 67 gallons for a system total of 196 gallons provided.
- \_\_\_\_\_ 24. Sweeper equipped with an optional front spray bar with 7 nozzles mounted on front bumper, and controlled from the operator console.
- \_\_\_\_\_ 25. Sweeper equipped with an optional hopper spray-bar with 4 spray nozzles that is controlled from the operator console.
- \_\_\_\_\_ 26. Sweeper equipped with an optional high pressure spray system that provides 1500 PSI and 3 GPM which includes 50' hose, handgun and pressure gauge.
- \_\_\_\_\_ 27. Sweeper shall be equipped with an optional high pressure spray system that provides 1500 PSI and 3 GPM. System shall include 50' hose, handgun, pressure gauge and hose reel.

## HOPPER OPTIONS

- \_\_\_\_\_ 28. Hopper constructed with a minimum of 10-gauge Optional high strength stainless steel and have lifetime warranty against perforation and rust through.
- \_\_\_\_\_ 29. Hopper has bolt-on steel shroud enclosing the auxiliary engine, muffler, blower housing, fuel tank, battery box, and hydraulic tank and cooler. Shroud designed to help protect components from the elements and vandals.
- \_\_\_\_\_ 30. Shroud also designed to reduce auxiliary engine noise by having a minimum of 1" thick sound deadening material attached to the inside of shroud in the engine compartment area. Sound deadening material must consist of at least 28 square feet of material.
- \_\_\_\_\_ 31. Shroud is part of the hopper and lift when the hopper is raised and be designed to give the sweeper a neat well thought out streamlined appearance. In the interest of sweeper protection, public safety, and sweeper noise reduction, sweepers that do not meet all of these requirements will not be accepted.
- \_\_\_\_\_ 32. Sweeper includes a load weight alarm and light to alert operator when hopper is full.
- \_\_\_\_\_ 33. Sweeper includes a hopper deluge equipped with a 2 ½ cam-lock hose fitting to flush hopper.
- \_\_\_\_\_ 34. Sweeper includes a hopper dump assist shaker to vibrate the hopper while dumping, controlled from the operator console and have an automatic shutoff timer.
- \_\_\_\_\_ 35. Sweeper includes a hopper 4" hopper drain to allow liquids to be drained without tilting the hopper.

## HOPPER HAND HOSE EQUIPMENT

- \_\_\_\_\_ 36. Sweeper has an auxiliary hand hose a minimum 6" in diameter with an aluminum collection nozzle for cleaning remote areas inaccessible to the sweeping head and for cleaning out catch basins.
- \_\_\_\_\_ 37. Hand hose shall not have to be taken out of a storage compartment and assembled on site to use. Hand hose shall be stored on the sweeper at the location in which it will be used.
- \_\_\_\_\_ 38. A hopper intake block off plate is provided.

## LIGHTING OPTIONS

- \_\_\_\_\_ 39. Sweeper has an arrow board on the top of the hopper that has 5, 4-inch diameter lamps that each contain 9 LEDs with at least 4 flash patterns and controlled from the operator's console.

\_\_\_\_\_ 40. Sweeper has dual rear mounted LED class 1 strobes with \_\_\_\_ (*insert #*) flash patterns with limb guard controlled from the operator's console.

\_\_\_\_\_ 50. Sweeper chassis has an LED \_\_\_\_\_ (*insert Length in inches*) class 1 certified bar light with \_\_\_\_\_ (*Insert #*) patterns and limb guard mounted on the top of the cab.

#### **PAINT COLOR OPTIONS**

\_\_\_\_\_ 55. The sweeper shall be painted with 1 coat of sealer/primer and 2 coats of Axalta Elite polyurethane paint: special paint color \_\_\_\_\_ and special paint code \_\_\_\_\_

#### **OPERATING CONTROL OPTIONS**

\_\_\_\_\_ 56. Sweeper shall be equipped with optional dual steering and controls for left- or right-hand operations. Center mounted steering or single steering is not acceptable.

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### **CHASSIS OPTIONS:**

#### **CHASSIS ENGINE**

\_\_\_\_\_ 57. Engine is a heavy-duty water cooled in-line diesel.

\_\_\_\_\_ 58. Has a horsepower rating minimum 215 HP @ 2550 RPM. And Torque rating of 452 LB/FT @ 1850 RPM. Displacement shall be a minimum of 317 cubic inches.

\_\_\_\_\_ 59. The air cleaner is a heavy-duty air cleaner with an air cleaner mounted restriction gauge. Dry paper element is 12.6" diameter.

\_\_\_\_\_ 60. Alternator is 140 Amps.

\_\_\_\_\_ 61. Two maintenance free batteries are provided with 750 CCA each.

\_\_\_\_\_ 62. Chassis engine shares 30-gallon in-rail fuel tank and batteries with auxiliary engine. No exceptions.

\_\_\_\_\_ 63. Engine diesel particulate filter, muffler and diffuser are vertically mounted behind the cab.

#### **TRANSMISSION**

\_\_\_\_\_ 64. Transmission is a 5 6-speed automatic with overdrive.

\_\_\_\_\_ 65. Shift lever mounted in center of the cab so it can be reached from either driving position.

**OPTIONAL DUAL STEERING**

- \_\_\_\_\_ 66. Chassis shall be equipped with dual steering.
- \_\_\_\_\_ 67. Each driving position shall have a foot throttle, foot brake, turn signal and high/low beam switch and horn button.

**FRONT AXLE & SUSPENSION**

- \_\_\_\_\_ 68. Front axle shall carrying capacity of 6,830 lbs. minimum
- \_\_\_\_\_ 69. Front suspension shall have a capacity of 8,440 lbs. minimum
- \_\_\_\_\_ 70. Front suspension shall include shock absorbers and stabilizer bar.

**REAR AXLE & SUSPENSION**

- \_\_\_\_\_ 71. Rear axle shall be single speed with a capacity of 14,550 lbs with oil lubricated rear wheel bearings.
- \_\_\_\_\_ 72. Rear suspension have a capacity of 14,550 lbs.
- \_\_\_\_\_ 73. Rear suspension include shock absorbers
- \_\_\_\_\_ 74. Rear axle ratio is 5.125:1

**BRAKE SYSTEM EQUIPMENT**

- \_\_\_\_\_ 75. Brake system shall be 4 channel anti-lock, dual circuit, and vacuum assisted hydraulic with EBD (Electronic Brake Distribution).
- \_\_\_\_\_ 76. Front brakes are disc-type, non-asbestos semi-metallic linings.
- \_\_\_\_\_ 77. Rear brakes are drum-type, non-asbestos linings.
- \_\_\_\_\_ 78. Brakes are self-adjusting.
- \_\_\_\_\_ 79. Parking brake is mechanical transmission mounted.
- \_\_\_\_\_ 80. Chassis includes a Butterfly valve type exhaust brake.

## FRAME & WHEELBASE

- \_\_\_\_\_ 81. Wheelbase shall be no longer than 132.5inches. Sweepers that use longer wheelbases to accommodate toolboxes will not be accepted. No exceptions.
- \_\_\_\_\_ 82. Frame is ladder-type channel frame full C-section straight frame 33.5 in. wide. Yield strength of minimum 44,000 psi. Section modulus to be minimum 7.2 cu. in. RBM shall be minimum 316,800 lb.-ft/in.
- \_\_\_\_\_ 83. Turning radius to be no more than 20 feet (Curb to curb). **No exceptions.**
- \_\_\_\_\_ 84. Cab to axle to be a maximum of 110 inches.
- \_\_\_\_\_ 85. GVW to be a minimum of 17,950 lbs.

## TIRES & WHEELS

- \_\_\_\_\_ 86. Tires shall be 225/70R 19.5F radial tubeless all-season tread 12 ply. No exceptions.
- \_\_\_\_\_ 87. Rear axle shall have dual tires and wheels on each side of axle.
- \_\_\_\_\_ 88. Wheels shall be 19.5" X 6", 6-hole disc painted white.

## CAB EXTERIOR

- \_\_\_\_\_ 89. Cab shall be cab over type cab only. **(No conventional type chassis will be accepted.)**
- \_\_\_\_\_ 90. Chassis has dual west coast mirrors, cab mounted with integral convex mirrors.
- \_\_\_\_\_ 91. Door windows are roll down type. (No sliding windows)
- \_\_\_\_\_ 92. Sweeper height shall not extend over 89" above ground (not including optional cab lighting).

## CAB INTERIOR

- \_\_\_\_\_ 93. Heater, defroster, and air conditioner shall be provided.
- \_\_\_\_\_ 94. Both seats shall be cloth seat trim.
- \_\_\_\_\_ 95. Chassis shall be equipped with power windows and door locks.
- \_\_\_\_\_ 96. Three-point seat belts shall be provided.

\_\_\_\_\_ 97. Chassis shall have blue tooth stereo for hands free operation.

### **INSTRUMENTS & CONTROLS**

\_\_\_\_\_ 98. Gauges shall consist of coolant temperature, fuel, and electronic speedometer with trip odometer. Chassis shall also have warning lights for oil and volts.

\_\_\_\_\_ 99. Chassis is equipped with cruise control.

\_\_\_\_\_ 100. Chassis has two speed windshield wipers with interval feature and windshield washer.

### **PAINT COLOR**

\_\_\_\_\_ 101. The sweeper chassis cab and wheels shall be painted with paint: special paint color \_\_\_\_\_ and special paint code \_\_\_\_\_

\_\_\_\_\_ 102. Chassis frame shall be painted black.

### **CHASSIS WARRANTY**

\_\_\_\_\_ 103. Basic chassis warranty - \_\_\_\_\_ (insert #) years/unlimited miles.

\_\_\_\_\_ 104. Chassis engine warranty - \_\_\_\_\_ (insert #) years/unlimited miles.

\_\_\_\_\_ 105. Transmission warranty - \_\_\_\_\_ (insert #) year/unlimited miles.

\_\_\_\_\_ 106. Frame rails - \_\_\_\_\_ (insert #) years/unlimited miles.

\_\_\_\_\_ 107. Engine emissions - \_\_\_\_\_ (insert #) years 100,000 miles.

\_\_\_\_\_ 108. Corrosion (rust through) - \_\_\_\_\_ (insert #) years/unlimited miles.

### **DELIVERY**

\_\_\_\_\_ 109. The chassis will be delivered completely assembled, serviced, and ready to operate.

\_\_\_\_\_ 110. Bidder provided estimated delivery prior to 12/30/2021

\_\_\_\_\_ 111. Bidder will supply a chassis owner's manual, and provide operating training with purchase