

ALLEGHANY COUNTY PUBLIC WORKS

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Alleghany County is seeking bids for a wheeled loader for the Transfer Facility located at 431 Osborne Rd Sparta, NC 28675. We will need a loader that can handle the daily waste that comes into the Transfer Facility, along with the construction debris that we receive. A minimum Specification (waste package) for the loader is recorded in this document. The loader will need to be ready to work when it arrives at the Transfer Facility. Training in operation will be required for all employees so that the equipment can be safely operated with the highest level of efficiency. A service contract will need to be agreed upon and executed in that the equipment will operate at its maximum for longevity.

For additional information, please contact David Spicer, Alleghany County Senior Project, and Operations Manager at 336-657-0769 or David.spicer@alleganycounty-nc.gov. Bids shall be submitted to the county Manager's office no later than 3:00pm on April 5th, 2024. Alleghany County Managers office is located LL80 at 348 South Main St. Sparta, NC 28675.

Alleghany County reserves the right to refuse any and all bids, to waive any irregularities that may exist in the bid process and accept any other than the lowest bid if deemed in the best interest of Alleghany County.

Wheel loader specifications

Trash package for use on a tipping floor at a Transfer Facility.

Engine Power	300-325 HP
Torque @1200 rpm	1,250-1,327 lb/ft
Breakout force	38,000
Static tipping load 40 degrees	32,000
Hydraulic system max operating pressure	5,000 psi
Max pump output at 2,250 rpm	99 gal/min
Cycle time	10.1 seconds
Operating weight	no less than 51,000 lbs.

- Large capacity bucket with a high rack that will protect the loader against damage as well as a grapple, and a rubber edge/squeegee to protect the floor
- Cab, pressurized, sound suppression

- EH implement controls, parking brake
- Steering, joystick
- Seat, cloth, air suspension
- Touchscreen display
- Visibility: mirrors, rear-vision camera
- Air conditioner, heater, deforester
- Sun visor, front, retractable
- Sun visor, rear, retractable
- Window cleaning platform, front
- Window, front, laminated
- Electric fuel priming pump
- Fuel-water separator and secondary fuel filter
- Engine, air precleaner
- Axles, front differential lock
- Transmission, planetary, automatic powershift
- Torque converter with lock-up
- Service brakes, hydraulic, fully enclosed wet disc, wear indicators
- Integrated breaking system
- Park break, caliper on front axles, spring applied pressure released
- Implement system, load sensing with variable displacement piston pump
- Steering system, load sensing with dedicated variable displacement piston pump
- Ride control, dual accumulators
- Oil sampling valves
- Starting and charging system, 24V
- Starter, electric, heavy duty
- Lights: halogen, 4 work lights, 2 front roading lights with turn signals, 2 rear vision lights
- Front dash with analog gauges, LCD display, and warning lights
- Primary touchscreen monitor
- Standard lift, Z-bar
- Kickouts: lift and tilt