



**CITY OF BURLINGTON  
DEPARTMENT OF PUBLIC WORKS**

645 Pine St. Suite A  
Burlington, VT 05401  
802.864.0166 VOX  
802.863-0466 FAX  
802.863.0450 TTY

**Chapin Spencer**  
*DIRECTOR OF PUBLIC WORKS*

**Dave Hammond**  
*FLEET MANAGER*

The City of Burlington respectfully requests a quote on a new 33,000# gvwr 4X2 Forestry Bucket Truck. Try to meet the following specifications as close as possible. Explain any exceptions to the specifications and identify any proposed alternatives. Please include delivery time. Quotes can be emailed to [DHammond@burlingtonvt.gov](mailto:DHammond@burlingtonvt.gov) or mailed to Attention: Dave Hammond, Burlington Public Works 645 Pine Street, Burlington VT 05401. All quotes must be received by 6/30/2022. All quotes must be valid for a minimum of 180 days. If not, clearly state the length that the quote is valid for. The City of Burlington, VT has the right to accept or refuse any and all quotes. The City of Burlington has right to award the contract to the vendor that best suits the needs of the City of Burlington. Any question please contact Dave Hammond at 802-865-7243 or [DHammond@burlingtonvt.gov](mailto:DHammond@burlingtonvt.gov)

Cab and chassis:

1. Cab to axle 102"
2. Frame rails minimum 120,000 psi yield strength, 10.125"x3.580"x.312" thickness min.. after frame max 81"
3. Front axle 13000#
4. Front suspension 13,000# with shock absorbers
5. Front wheels 22.5" 10 stud hub piloted with heavy duty flange nut
6. Front tires 11R22.5" G rating,
7. Brake system air dual system for straight truck application
8. Front brakes s cam actuated with outboard hubs and drums, automatic slack adjusters and long stroke chambers. 4"x15"
9. Rear brakes to be s cam actuated with outboard drums and hubs. Quick change shoes, long stroke chambers, spring actuated parking brake and automatic slack adjusters. 7"x16.5"
10. Air brake abs system as required by DOT
11. Air dryer, Wabco, heated with spin on cartridge
12. Air compressor 18.7 CFM
13. Air tool quick coupler from Air tanks.
14. Steering column with tilt and telescopic
15. Power steering
16. Engine: Diesel Cummins 300hp. 660ft lb torque with engine brake.
17. Cooling system to use molded silicone rubber hoses. Also coolant filter if available.

18. Automatic transmission, Allison 3500 RDS 6speed with overdrive. Oil level sensor and PTO provision
19. Rear axle, 21,000#with driver controlled locking differential filled with synthetic gear lube. 65mph. top speed.
20. Rear suspension to be leaf spring 23,500 lb. with 45000 rubber auxiliary spring.
21. Rear wheels to be 22.5" 10 stud hub piloted with heavy duty flange nuts
22. Rear tires to be 11R22.5" load range G with maximum traction tread.
23. 12 volt electrical system with 220 amp alternator
24. Body builder wiring with sealed connectors for tail/turn/marker/backup and accessory power.
25. Remote power module with 6 inputs and 6 outputs with auxiliary switches.
26. Remote start and stop for engine
27. PTO accommodation for electric over hydraulic PTO including factory pto switch on dash.
28. Remote throttle control for utility applications, also emergency power activation when engine is not running.
29. Power accessory outlet in cab.
30. Horn, both electric and air horns
31. Battery system to have 3 maintenance free batteries total 1950 cca. Located under cab or include extra length cables for relocation.
32. Battery disconnect switch located inside of cab of truck
33. 2 way radio wiring with circuit breaker and ignition wire routed to overhead console.
34. Motorola 2 way radio (4 channel programmed) can be purchased through Burlington Communications
35. Power windows
36. Fuel tank aluminum 50 gallon with center step mounted on left side of cab.
37. Windshield wipers with intermittent operation.
38. Circuit breakers in place of fuses.
39. Backup alarm
40. Cab, conventional with stainless steel grab handles and rear window
41. Fiberglass tilting from hood.
42. Paint, premium forest green.
43. Mirrors 16x7 heated with integral convex mirrors
44. Cab interior deluxe trim, heavy duty vinyl flooring, with mats.
45. Driver's seat to be high back bucket air ride seat with two person bench seat.
46. Heater with defroster.
47. Air conditioning
48. AM/FM radio with Bluetooth
49. Backup Camera
50. DOT safety kit with fire extinguisher mounted.
51. Vermont municipal registration, Title, Lien and all related doc fees.
52. The total length of vehicle with forestry body and boom installed must not exceed 30 feet.
53. Mud flaps.
54. 2,000w power inverter to be mounted in the cab

### Aerial Device:

The aerial device to be quoted will be the Terex XT Pro 70 ft. and the Altec LR7-60e70RM. See included specifications. The unit must have upper and lower platform controls to include engine start/stop, emergency power as well as bucket controls and auxiliary tool circuit.

Options to quote:

1. 180 degree platform rotation.
2. LED traffic control arrow mounted in rear of vehicle.
3. Led strobes ,Whelen Lin3 amber lights (2) mounted in front grill and one mounted (each side) on left and right sides of body. 2 Whelen L10LAP strobe lights mounted under front of cab guard each side and two Whelen 5G strobe lights mounted in rear of vehicle, each side.
4. Tool boxes of a through box construction behind cab of truck being 35 inches wide ( aprox)and 51 inches high (aprox) X 93 Inches across (aprox) to include LED strip lighting, outer shelves must be adjustable. Three storage hooks(per side) mounted on left and ride sides of box(upper)
5. Side tool box mounted on curb side behind through box measuring 24 inches deep X 18 inches high X 72 inches long. LED strip lighting.
6. Hydraulic tank to be mounted behind tool box.
7. Hydraulic tool circuit at bucket
8. Hydraulic stick saw with mounting on boom