

Brush Chipper – Trailer Mounted

The County is seeking quotes for the purchase of one (1) Trailer Mounted Brush Chipper for the Lake County Department of Public Works – Road Operations Division.

The Trailer Mounted Brush Chipper shall meet all applicable requirements of the American National Standard Institute (ANSI) Safety Standard as required by the Occupational Safety and Health Administration (OSHA) at the time of manufacture.

Awarded contractor shall provide on-site operator and mechanic training upon delivery of brush chipper.

The County will not accept prototype equipment. The equipment shall be built for the U.S. Market and sold or leased by a factory-authorized dealer. The equipment proposed on this request shall be the manufacturer's standard equipment with no alterations. The County will not lease or purchase altered equipment or custom designed equipment unless expressly provided for in this proposal document.

The contractor shall furnish all tools and equipment (if necessary) for normal field adjustment of the awarded equipment. Prices for the foregoing shall be included in the proposal price.

Description: The following specification covers the requirements for a Trailer Mounted Brush Chipper similar or equivalent to a Bandit 255XP, DuraTech TC-12, Morbark M15R, Vermeer BC1500, or Woodsman 750.

Please note if the required specifications are met by checking the appropriate line.

1.0 General (Weight, Dimensions, Capacities)

- | | | |
|------|--|------------------------|
| 1.1 | Make | Make _____ |
| 1.2 | Model | Model _____ |
| 1.3 | Weight – 6800 lbs | Y ____ N ____ |
| 1.4 | Width – 72 inches | Y ____ N ____ |
| 1.5 | Height – 100 inches | Y ____ N ____ |
| 1.6 | Length – 176 inches | Y ____ N ____ |
| 1.7 | Chipping Capacity – 15 inches | Y ____ N ____ |
| 1.8 | Fuel Tank Capacity (between 23 – 27 gallons) | Y ____ N ____ Cap ____ |
| 1.9 | Locking tool box | Y ____ N ____ |
| 1.10 | Vandalism protection | Y ____ N ____ |

2.0 Engine – Powertrain

- | | | |
|-----|-------------------------|---------------|
| 2.1 | Diesel Engine 125 HP | Y ____ N ____ |
| 2.2 | Over center type clutch | Y ____ N ____ |
| 2.3 | Heavy duty air cleaner | Y ____ N ____ |
| 2.4 | Spin on type filters | Y ____ N ____ |
| 2.5 | Engine shut down system | Y ____ N ____ |

3.0 Chassis

- | | | |
|-----|--|---------------|
| 3.1 | Main Frame Constructed of Rectangular Tubing | Y ____ N ____ |
| 3.2 | 7000 lb Axle Torsion Type | Y ____ N ____ |
| 3.3 | Electric brakes with breakaway switch | Y ____ N ____ |

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- 3.4 ST235/80R16 Tires – Load Range E Y ___ N ___
- 3.5 Steel Wheels Y ___ N ___
- 3.6 Drop Leg Jack Y ___ N ___
- 3.7 2 5/16" Ball Hitch Y ___ N ___
- 3.8 Adjustable Height Hitch Y ___ N ___
- 3.9 Safety Chains Y ___ N ___
- 3.10 6 Way Light Connector Y ___ N ___
- 3.11 All Wiring in Conduit to Lights Y ___ N ___
- 3.12 Four Function Rear Lights Y ___ N ___

4.0 Feed System – Chipper Drum/Disc – Housing – Discharge Chute

- 4.1 In feed throat opening 20" x 15" Y ___ N ___
- 4.2 Serrated in feed rollers Y ___ N ___
- 4.3 Feed rollers hydraulically driven Y ___ N ___
- 4.4 Feed table height 27" Y ___ N ___
- 4.5 Feed table length 30" Y ___ N ___
- 4.6 Safety control bar a round in feed opening for emergency stop Y ___ N ___
- 4.7 Drum: Size 22" diameter x 22" width Y ___ N ___
- 4.8 2 knife pockets 180 degrees apart Y ___ N ___
- 4.9 Dual edge reversible knives Y ___ N ___
- 4.10 Extreme duty bearings Y ___ N ___
- 4.11 Adjustable bed knife (reversible) Y ___ N ___
- 4.12 Disc: 37" x 2" diameter disc Y ___ N ___
- 4.13 4 knives reversible Y ___ N ___
- 4.14 Housing: Easy access door for knife changes Y ___ N ___
- 4.15 Housing: Drop down door for anvil adjustment or clean out Y ___ N ___
- 4.16 Housing: Chipper housing to be constructed for maximum safety and operator protection Y ___ N ___
- 4.17 Chute: Rotation of 360 degrees Y ___ N ___
- 4.18 Chute: Adjustable chip deflector Y ___ N ___
- 4.19 Chute: Locking pin for chute rotation Y ___ N ___

5.0 Service Manuals & Warranty

- 5.1 Provide complete literature and specifications Y ___ N ___
- 5.2 Provide 2 copies of Parts, Service, & Operator Manual Y ___ N ___
- 5.3 State Warranty Period (including parts and labor) Warranty Period _____
- 5.4 Specified Delivery Time (Not to exceed 90 days) ___ Days