



City of Conway
Office of the Mayor
Mayor Tab Townsell
www.cityofconway.org

TO THE VENDOR ADDRESSED:

Bidders are invited to furnish the items listed herein in accordance with the terms and conditions attached. **Sealed** bids must be in the Office of the Mayor; no later than **10:00am, Monday, September 28th, 2015** at which time all bids will be opened and read in the Downstairs Conference Room in City Hall. Successful bidders will receive purchase order, within 30 to 45 days after City Council approval, if necessary. ***Unsigned bids will be rejected.***

Conway Sanitation Department
Bid Number 2015-31

2016 CHIPPER TRUCK WITH 22YD BOX

It is intended that the following set of bid specifications be used as a guideline for a 2016 new and unused chipper truck with a 22yd box. The body must be capable of transporting wood chips to disposal facility and dispensing the load by hydraulically dumping the load from the rear of the body. The truck must be able to maintain a highway speed of 70 mph. Equipment must be ready to use when delivered on site.

Bidder must have an established complete parts and service center for the chassis and body within a 60 mile radius of the City of Conway and have on hand a representative amount of parts suggested by the manufacture. The service center must have factory trained technicians at their facility. Bidder must provide a list of references whom have used this service center within the last twelve months. Parts, service, and operator's manuals must be provided with this unit.

A complete copy of the warranty for the chassis and body must be provided. Awarded bidder shall deliver the complete unit within 60 days after receiving notice of award via a City of Conway issued, signed, and dated Purchase Order. All specifications are set at a minimum.

Any exceptions must be listed and summated to the City of Conway Sanitation Dept. within five business days before bid is awarded. All cylinders shall have a five year manufacturer's warranty.

GENERAL SPECIFICATIONS:

1. Cab must be of the conventional cab design.
2. Cab to axle measurement shall be 96”.
3. Truck must meet requirements for severe duty operations.

ENGINE:

1. 6 cylinder in-line water cooled turbo charged CNG powered.
2. Shall provide a minimum of 250hp/1400 RPM.
3. Shall be equipped with Extended Life coolant.
4. Shall be equipped with an engine braking system.
5. A gear driven air compressor shall be a minimum 13.2gpm

TRANSMISSION:

1. Allison 3500 RDS automatic.
2. Electric push-button shift console.
3. Water to oil cooler.
4. Transmission PTO mounting option required.

FRONT AXLE:

1. Front axle must be a minimum of 8000lbs capacity.
2. Front springs shall be 8000lbs tapered leaf springs.
3. Front shock absorbers are required.

REAR AXLE:

1. Rear axle capacity shall be a minimum of 19,000lbs single axle.
2. Shall have a driver controlled differential lock.

BRAKES:

1. Air brakes must be provided.
2. Steer and drive axle must have automatic slack adjusters.
3. Drive axle must be park brake equipped.
4. Air tanks must have drain valves.
5. An air dryer is required.

FUEL SYSTEM:

Shall be designed to facilitate a dedicated Compressed Natural Gas (CNG) fuel system rated for 3,600 PSI. Each vehicle must be constructed utilizing best industry practices and meet the following minimum standards:

Fuel Tank Enclosure:

A self-contained fuel tank enclosure is to be designed for mounting of all CNG fuel storage cylinders and to meet the following specifications, "Agility Fuel Systems" or equal. Shall be roof mounted on top of the refuse body. Constructed out of high strength aluminum or carbon steel. Left side valve access holes. Structure shall be designed to meet all NFPA 52 codes/requirements (including 8g loading in six principal directions).

CNG Fill Panel:

Mounted on left hand side of vehicle and designed to meet the following specifications, "Agility Fuel Systems" or equal. Equipped with the following:

1. Access Door
2. Manual 1/4 turn shut-off valve, "Swagelok" two-way ball type valve or equal.
3. One, NGV1 type fill receptacle with tethered dust cap, 1,500 SCFM minimum.
4. Stainless steel Swagelok® tube fittings
5. Minimum 75scfm high pressure coalescing type fuel filter installed downstream of tanks and upstream of the pressure reducing regulator
6. One solenoid shutoff valve upstream of the pressure reducing regulator
7. ITT high pressure reducing regulator
8. Liquid filled high pressure fuel gauge installed before fuel pressure regulator.
9. Liquid filled low-pressure fuel gauge installed after fuel pressure regulator
10. Pressure sending unit capable of driving the chassis OEM's fuel gauge

Fuel Storage Cylinders:

1. Shall be NGV2-07, type 3 cylinders rated for a minimum 20 year life-cycle. Four (4) cylinders shall be supplied to meet the total specified 60 diesel gallons equivalent (DGE) minimum. DGE is determined by multiplying the total cubic feet of water volume of the four cylinders by 2.129. (Minimum total water volume is to be 35.22 cubic feet).
2. Cylinders are to be rated @ 3,600 PSI per cylinder minimum.
3. Cylinders are to be equipped with a horizontal neck mount design
4. One manual cylinder shut-off valve is to be installed at each cylinder's outlet.
5. Each cylinder is to have stainless steel pressure relief device (PRD) vent lines.

Fuel Filter(s) Accessories:

1. Coalescing type fuel filters installed to minimize and prevent fuel system contamination (sized for the proper flow rates and easy accessibility). One installed downstream of regulator.
2. Stainless steel Swagelok® tube fittings
3. Hoses - Parker "Par-Flex" or equal NGV4.2 and NFPA 52 hose and hose connection (when used).
4. Tubing-Seamless, 316L stainless steel tubing conforming to ASTM A269 or equivalent. (No metal-to-metal contact).

LABELING:

Permanent type Mylar or etched aluminum labels shall be readily visible and located in the engine compartment and at the fueling connection as per NFPA52 requirements.

OPTIONAL ACCESSORIES

1. Front bumper fill port
2. Extra kill cap for bumper fill port
3. In-Dash fuel gauge
4. De-Fueling port
5. Fast fill transit fill port

CAB EXTERIOR:

1. The cab must be painted DuPont # 96939 Bengal Tan.
2. Cab mounting shall utilize air ride suspension.
3. Heated West Coast and convex style mirrors must be mounted with breakaway features.
4. Exterior grab handles shall be provided.

CAB INTERIOR:

1. Driver's seat shall be air ride equipped.
2. Passenger's seat shall be bench design to accommodate two passengers.
3. Gauges shall include; speedometer, tachometer, engine oil pressure, engine temperature, voltmeter, air pressure, and fuel gauge.
4. An AM/FM radio shall be provided.
5. Cab interior grab handles.
6. Driver and passenger side sun visors.
7. Air conditioning and heating is required and capable of maintaining 70 degrees year round.

WHEELS AND TIRES:

1. Front and rear wheels shall be 22.5 hub pilot design.
2. Hubs must be oil lubricated.
3. Tires shall be 11r, manufacturer recommended for this application.

STEERING:

1. Power steering with sight glass reservoir shall be provided.
2. Multi position tilting steering column.

EXHAUST:

1. A vertical mounted muffler and tailpipe shall be mounted on the right side of the vehicle.

ELECTRICAL SYSTEM:

1. 12 volt 120 amp alternator.
2. 2 batteries (12 volt) with 1300 total cca.
3. 102 dba back up alarm.
4. Work lights mounted on the rear of box.
5. Reverse camera with in-cab color monitor.

BODY DIMENSIONS, CAPACITY AND CONSTRUCTION:

1. The capacity of the body must be 22 yards
2. Length- 168"
3. Height- 72"
4. Width- 92"
5. G- 60 galvanized material
6. Floor: 10 gauge plate, continuously welded to sides and front 45 degree sides taper for clean dumping
7. Sides and front: 12 gauge plate panels each with 3 die formed reinforcing ribs and post
8. Top: 14 gauge plate
9. Tailgate: 30" high that swings 270 degrees with positive hold back and full length plate hinge with grease fittings
10. Runners: 8" structural channel
11. Cross member : 3" structural channel

12. Rear vertical support: formed ¼ plate
13. Rear header and post: 2 ½"x2 ½"x 3/16" wall: steel tubing welded to cross member
14. Stationary shelf, water cooler holder
15. 10 gauge corner gussets
16. Ladder and pruner pole compartments above floor inside chip box with lockable access door
17. Chip box will require a 108" cab to axle with clear frame rails
18. NTEA class E 21.5 ton capacity low profile scissor hoist
19. Cylinder: 24" stroke with 2 ½" heavily chromed piston rod
20. Safety body prop and safety decals
21. Heavy duty system 7 sealed wiring harness in guards and conduit
22. 4 point strobe light system
23. Led lights
24. Trailer light connector 7 pole
25. Full width recessed light panel at rear, additional stop, tail and turn lights in top corner gussets, and all other light and reflectors per FMVSS 108 specs
26. Pintle, pin , or pintle/ball combination trailer hitch
27. Eight chipper air exhaust vents; 4 each side
28. Anti-sail mud flaps
29. One tool box: 48"x24"x24"
30. Electric brake control
31. Wheel chocks and holder
32. Locks: keyed alike with hidden theft resistant rods
33. Chassis mounted structural steel hitch frame with ICC under ride bumper
34. Back up alarm
35. Epoxy based under coating applied to inside and underside of chipper box
36. Steamed cleaned, phosphate detergent washed, vinyl washed primered, zinc oxide primered and top coated with Du Pont #546 green

HYDRAULIC SYSTEM:

1. A direct mounted pump with electric PTO shall be mounted to the transmission.
2. Dumping shall be controlled from drivers seat

3. The operating pressure shall be 2500psi.
4. The pump shall be a heavy duty gear drive with a capacity of 24 GPM @ 1000RPM.
5. All hydraulic tubes shall be mounted securely to the body to prevent excessive wear.

Additional Information

The bidder shall include all charges, including taxes, fees, freight and shipping (if applicable)

The bidder needs to include an anticipated delivery date. (if applicable)

In submitting this bid, it is understood by the undersigned bidder that the right is reserved by the City of Conway to reject any and all bids:

Jack Bell, Interim Sanitation Director
jack.bell@cityofconway.org

Danny Alford, Conway Sanitation Dept.
Danny.alford@cityofconway.org

501.450.6155

Bid Specifications can be obtained from our website:

www.cityofconway.org



City of Conway – Conway Sanitation Department

Bid Number: 2015-31

2016 Chipper Truck w/ 22yd Box Bidder Submittal

Bid Opening Date: Monday, September 28th, 2015

City Hall, Downstairs Conference Room @ 10:00am

Total Cost for a 2016 Chipper Truck w/ 22yd Box \$_____

Type of Truck:

Estimated Delivery Date:

Authorized Agent bidding on this project:

Company Name

Company Representative Name

Representative's Signature

Date

Address

Email Address

City

State

Zip

Telephone Number

Fax Number

****Unsigned bids will not be accepted.***

City of Conway – Mayor’s Office

Terms & Conditions

www.cityofconway.org

By Submission of bid, bidder certifies that he has read all terms and conditions and that bid is submitted in accordance therewith.

1. Prices quoted will be considered to be net prices unless otherwise stated by the bidder. Cash discounts requiring payments in less than 30 days will not be considered in making awards.
2. Prices quoted shall be FOB Conway unless otherwise specifically stated on proposal. In either case, delivery charges must be prepaid.
3. All charges including taxes, shipping, freight, and any miscellaneous taxes shall be included in prices quoted, if applicable.
4. Bidder certifies that he will make delivery of items for which he bids within 10 days after receipt of award – ***unless otherwise specifically stated***. Time of delivery in excess of 10 days may be considered a factor in making awards.
5. In case of default of contractor in making deliveries as per contract, the City may procure the articles or services from other sources and hold the contractor responsible for all excess costs occasioned thereby. Bidder’s record as to satisfactory performance under previous contracts will be considered a factor in making awards and retention on bid lists.
6. The City reserves the right to reject any or all bids, in part or in whole and to waive information in bids received.
7. If not otherwise specified, bidder must furnish brand names with catalog number, if any, on items which are offered as “equal.” In all such cases the burden of establishing equality is upon the bidder and failure to do so within a reasonable time may result in rejection. Alternative bids will not be considered unless no other type bid for the item is received.
8. In the case of equal or tie bids, preference will be given to Arkansas bidders. Other than as stated in the first sentence, awards on tie bids will be made at the discretion of the purchasing official. In such cases, “splitting” will be avoided and awards of previous contract(s) to one or more of the bidders will not be a factor.
9. In the event that bidder is unable to furnish all of an item, bids on portions thereof may be considered.
10. Final inspections and acceptance or rejection will be made after delivery. Items rejected because of non-conformance shall be removed and replaced immediately with those which meet specifications, all at the expense of the contractor. In the event that necessity requires the use of non-conforming items, payment therefore will be made at a proper reduction in price which shall be not greater than contractor’s actual cost by purchase, fabrication, manufacture or other production method plus transportation paid to carriers. All costs in connection with testing items that do not meet specifications shall be paid by contractor.
11. Quality, time of performance, probability of performance, and location of bidder will be factors in awards of all contracts.
12. The City reserves the right to purchase any, all or none of the items listed, in combinations thereof that may be in the best interest of the City of Conway.
13. The City reserves the right to change any specifications, terms and/or conditions at any time, with adequate notice in writing to bid invitees of those changes, if any.
14. The City is qualified for “GSA” pricing schedules, ***if available and applicable***.
15. The City reserves the right to waive any informalities or minor defects, but this shall not be construed to indicate waiver of any specification, term and/or condition unless in the best interest of the City in the judgment of the City.
16. **CONSTRUCTION/INSTALLATION:** Any construction work that is worth \$20,000 or more must comply with Arkansas Code Annotated § 22-9-204.

17. **Arkansas Prevailing Wage Law A.C.A. §22-9-301 through 3-15:** The City of Conway, general contractors or any subcontractors is subject to the Arkansas Prevailing Wage Law, A.C.A. **§22-9-301 through 3-15**.
The Labor Standards Division enforces laws related to [prevailing wage](#) (PDF). Arkansas's prevailing wage law is commonly referred to as the "little Davis-Bacon Act." The law requires the division to issue a wage determination for each public works project where the cost of all labor and materials exceeds \$75,000. *Exemptions are public school construction; work done for or by any drainage, improvement, or levee district; highway, road, street or bridge construction and maintenance, or related work contracted for or performed by incorporated towns, cities, counties, or the Arkansas Highway Department.* If you need a copy of the Prevailing wage Regulation and Laws that are required; this information is available at http://www.arkansas.gov/labor/pdf/prevailing_wage_regs.pdf.
18. **PROHIBITED INTEREST CONDITION:** No official of the City authorized on behalf of the City to specify, plan, design, negotiate, make, accept or approve, or take part in specifying, planning, negotiating, making, accepting or approving any construction or material purchase contract or any subcontract in connection with any purchase made by the City of Conway shall become directly or indirectly interested personally in the purchase in the purchase or any part thereof.
19. **EQUAL OPPORTUNITY IN EMPLOYMENT:** The City of Conway is an Equal Opportunity Employer and does not discriminate on the basis of race, color, religion, sex, national origin, marital or veteran status, political status, disability status or other legally protected status