

LANE COUNTY, OREGON

**DEPARTMENT OF PUBLIC WORKS
FLEET SERVICES DIVISION**

3040 DELTA HIGHWAY NORTH
EUGENE, OR 97408

(541) 682-8587

EQUIPMENT PURCHASE CONTRACT

BID SPECIFICATIONS

FOR

BID: **FY11/12 FS-04**

PURCHASE OF:

**ONE (1), NEW, CURRENT- MODEL, 35,000 GVW,
TRUCK CHASSIS EQUIPPED WITH AN 11-YARD CHIP BOX,
HOIST, AERIAL PERSONNEL LIFT AND CHASSIS MOUNTED WINCH,
WITH ONE (1) TRADE-IN**

BID CLOSING DATE: **11/16/11** TIME: **10:00 a.m.**

OPENING DATE: **11/16/11** TIME: **10:15 a.m.**

AT: Department of Public Works – Fleet Services Bldg.
3040 N. Delta Highway, Eugene, Or 97408

**LANE COUNTY
INVITATION FOR BID, FY11/12 FS-04**

TO FURNISH AND DELIVER TO LANE COUNTY, One (1), New, Unused and Current Model, 35,000 GVW Truck Chassis, Equipped with an Eleven-Yard Chip-Box, Hoist, Aerial Personnel Lift, and Chassis Mounted Winch With One (1) Trade-in. Notice is hereby given that **sealed bids** will be received at the Office of the Department of Public Works, 3040 N. Delta Hwy, Eugene, Oregon 97408 until: **Wednesday 11/16/2011 at 10:00 a.m.**

All bids received in proper form shall be publicly opened and read aloud at **Wednesday 11/16/2011 at 10:15 a.m.**

Bidder's Name, Address, Bid # and Opening Date, Shall be on the Outside of the sealed envelope.

Bids must be made upon the bid forms bound in the contract documents and must be accompanied by a certified/cashier's check, bid bond, or irrevocable letter of credit issued by an insured institution as defined in ORS 706.008 payable to Lane County in an amount not less than ten percent (10%) of the total amount bid.

A copy of the bid specifications and documents are on file and may be obtained for review at the Department of Public Works, 3040 N. Delta Hwy, Eugene, Oregon 97408.

Bidder information including Invitation for Bids and Bid Specifications, are available to interested parties in electronic format and can be downloaded from the Lane County Public Works Fleet Services website at: **www.lanecounty.org/Departments/PW/Fleet/Pages/BidsandQuotes.aspx**

All bidders are required to comply with the provisions of ORS Ch. 279A and 279B.

Lane County may reject any bid not in compliance with all prescribed public bidding procedures and requirements, and may reject for good cause any and all bids upon finding of the agency that it is in the public interest to do so.

Lane County may cancel the procurement or reject any or all bids when the cancellation or rejection is in the best interest of the County, as determined by the County.

All bidders must be an "equal opportunity employer" willing to comply with all applicable provisions of the Civil Rights Act of 1964, as amended by the Equal Opportunity Act of 1972 (see 42 USCA 2000), all regulations there under (see 41 CRF Parts 60 and 60-1). Executive Orders 11246 and 11375 and all Federal and Oregon statues and regulations regarding employment, including ORS 656.017 regarding worker's compensation, unless they meet the requirements for an exemption under ORS 656.126. Each bid must contain a statement as to whether the bidder is a resident bidder, as defined in ORS 279A.120.

Bids should be addressed to the individual named below whom is designated to receive bids:

Ron Gernhardt, Sr. Fleet Services Purchasing Specialist
Lane County Department of Public Works
3040 N. Delta Hwy., Eugene, OR 97408
(541-682-8587)

A. Bid - Provisions and Conditions

1. **COMPLETE BID MUST BE RETURNED.** Bidders shall fill in box provided on the right of specifications. Bidder shall place "X" in either "Meets Specifications" Yes or No. No other language will be acceptable. Failure to return a complete bid may result in the bid being considered as non-responsive and rejected from further consideration.
2. Any deviations to specifications not shown in the "Meets Specifications" column must be submitted on the separate "Deviation Page."
3. If bidder does not wish to bid certain item numbers, enter "**NO BID**" in that section and leave page in proper sequence.
4. The bid shall be completed and the firm name and signature of an authorized person shall be in the space provided. **All bids must be signed and notarized.** Equipment purchase price is to exclude federal excise tax. Federal exemption certificates will be furnished to successful bidders.
5. Any bid may be withdrawn at any time **prior** to the time fixed in the public notice for receipt of bids, by providing written request for the withdrawal of the bid to the Department of Public Works, Fleet Services. The request shall be executed by the bidder or a duly authorized representative. Withdrawal of a bid will not prejudice the right of the bidder to file a new bid. A bid will not be accepted after the time as stated in the notice to bidders (page 1). All bids shall be irrevocable for a period of 60 days from the day of opening.
6. Bidders must satisfy themselves by personal examination of the specifications and provisions, and by such other means as they prefer, as to the actual conditions and requirements of the specifications and provisions, and shall not at any time, after submission of the bid, dispute, complain, or assert that there was any misunderstanding in regard to the nature, quality or description of the equipment to be supplied.
7. On bids that include a "guaranteed buy back" provision, Lane County will use the present value method of evaluating bids. The interest rate used will be the nearest whole percentage rate currently earned on Lane County investments.
8. **Protest of Process and Solicitation Document**

Written bid protests shall be submitted to the Fleet Services Manager a minimum of 5 days prior to the bid opening in accordance with Lane Manual 21.105(6).
9. The Specifications applicable to the above described work are available in electronic format from the Lane County Public Works Fleet Services website, as listed below. The information contained within, or referenced by these Specifications, represents the Specifications for this project in its entirety.

10. The Specifications applicable to the above-described work, for which bids will be opened at the time and place stated above, are that which contains the exact information as shown above. Bidders are cautioned against basing their bids on a booklet bearing any different description, date(s), or class of project. Only bidding documents obtained directly from Lane County Public Works website may be used to submit bids.
11. The contract information is only a portion of the bidding requirements for the listed projects. Lane County, Oregon endeavors to provide accurate information in our service and publication. However, errors or omissions may occur, information may be added or changed at anytime. Readers are advised not to rely on completeness and accuracy of the information in this site. The publisher makes no warranty or representations, and disclaims any and all liability arising from the substance of the information and the timeliness of its posting. Bidders are required to obtain all bidding documents directly from Lane County Public Works offices.
See <http://www.lanecounty.org/Pages/LiabilityDisclaimer.aspx>
12. Any request for interpretation of the contract documents or protest of specifications or contract terms shall be presented to the Ron Gernhardt, Sr. Fleet Services Purchasing Specialist, in writing at least seven (7) calendar days before the bid opening date pursuant to LM 21.105(6). Oral explanations or interpretations given before receiving Bids for a Procurement will not be binding. To be binding, interpretation of the Specifications by the Agency must be made by written Addendum furnished to all Holders of Bidding Plans. Notification of erroneous or incomplete Plans or Specifications shall also be submitted to the Purchasing Specialist. Such notification shall also be made in sufficient time for the Agency to make any necessary modifications and issue Addenda to Bidders prior to Bid Closing. Bidders shall be responsible for checking the County website, <http://www.lanecounty.org/Departments/PW/Fleet/Pages/BidsandQuotes.aspx> at least 48 hours prior to Bid opening.
13. **Bid Bond:**
 - a. **[X]** A surety bond, cashier's check, certified check or irrevocable letter of credit from the bidder made payable to Lane County Department of Finance in the amount of , or 10% of the bid, must accompany each bid as security. The bid bond shall be valid for a minimum of 60 days. Upon execution and delivery to Lane County of the Contract and Bond by the successful bidder, the bid security shall be returned to the bidder. Any bidder who has been awarded a contract and who fails or neglects to promptly and properly execute the contract or performance bond (when required) shall forfeit the bid security that accompanied the bid. The contract and performance bond must be executed and delivered to the County within ten (10) days (excluding Sundays) of the day of the receipt by the successful bidder of the prepared contract. If the contract and performance bond are not received by the County within the time limits, the County, at its option, may determine that the bidder

has abandoned the bid award, in which case the bid security shall become the sole property of Lane County, and shall be considered as liquidated damages, and not as a penalty for failure of the bidder to execute the contract and performance bond. The bid security of unsuccessful bidders shall be returned to them after the successful bidder has executed and delivered the contract and performance bond to the County.

or

b. No bid bond is required as security.

B. Contract Terms and Conditions:

1. CONTRACTOR shall not permit any lien or claim to be filed or prosecuted against Lane County in connection with this contract and agrees to assume responsibility should such lien or claim be filed.
2. The contract may be cancelled by Lane County for any willful failure or refusal on the part of CONTRACTOR to faithfully perform the contract according to its terms. See the contract for any additional cancellation provisions.
3. INDEMNITY. CONTRACTOR agrees to indemnify, defend and hold Lane County, its Commissioners, agents, officers and employees harmless from all damages, losses and expenses including but not limited to attorney fees and to defend all claims, proceedings, lawsuits and judgments arising out of or resulting from the CONTRACTOR'S performance or failure to perform this contract.
4. This purchase is subject to applicable standard public contract provisions of the Oregon Revised Statutes-ORS 279A & B, Lane Manual Chapter 21, and all of the attached bid proposal documents provisions and specifications. Together with the contract, they shall constitute the contract package.

The County will purchase materials and supplies manufactured from recycled materials, if the recycled product is available, meets the applicable standards, can be substituted for a comparable non-recycled product and does not exceed the cost of the non-recycled product by more than five (5) percent (ORS 279.570). The County reserves the right to make such a purchase even if the cost difference exceeds five (5) percent.

5. **Performance Bond:**

a. The successful bidder shall be required to guarantee the performance of this contract by a "Faithful Performance" Surety Bond in the sum of _____ or 100% of the contract bid. The performance bond shall be received and accepted by the County prior to the commencement of any performance by the CONTRACTOR, and the existence of

a contract shall be subject to the receipt and acceptance by the COUNTY of an acceptable bond.

or

b. Performance bond is not required as security.

C. Award and Execution of Contract:

1. Award of Bid may be based upon bid of individual items or upon bid of a combination of items, at the discretion of Lane County.
2. The bidder's proposal for the items to be furnished shall be submitted with the knowledge on the part of the bidder that the delivery or furnishing of the items cannot commence until a contract is duly and properly executed.
3. In the event more than sixty (60) days elapse between the date on which the proposal is opened and the date on which the contract is prepared, readied for execution, and submitted to the bidder, consideration will be given by Lane County to the granting of an extension of time to the bidder for fulfillment of the contract to offset any delay in the contract actually occasioned by said lapse of more than sixty (60) days.
4. **Protest of Award**

A written protest of bid award must be filed with the County Administrator within ten (10) days of the notice of award (date on letter of award notification). Protests of award shall be handled in accordance with Lane Manual 21.105(13).

D. Rejection or Acceptance of Bids:

1. Lane County may reject any bid not in compliance with all prescribed public bidding procedures and requirements, and may reject for good cause any and all bids upon a finding of the agency that it is in the public interest to do so.
2. Bids may be rejected if they show any alteration of form, additions not called for, conditional bids, incomplete bids, erasures, or irregularities of any kind.
3. Any or all bids may be rejected for good cause upon a finding that it is in the public interest to do so.
4. **Bids shall be rejected if they are not signed and notarized.**
5. Bids shall be signed by an agent of the corporation or partnership who is authorized to commit the firm to its bid obligations. If the agent is other than a corporate officer, partner, or branch manager, a letter of authority

or "Power of Attorney" shall accompany the bid, or the bid may be rejected.

6. If, in the opinion of County, the bidder's submitted delivery date is such that it will inconvenience or cause hardship to the County, the County may, at its discretion, reject the bid.

E. Disqualification of Bidders:

1. More than one bid from an individual, firm, partnership, corporation, or combination thereof with an interest in more than one bid, will be cause for the rejection of all bids in which such individual, firm, partnership, corporation, or combination thereof, has an interest.
2. If there is reason to believe that collusion exists among bidders, none of the bids of the participants in such collusion will be considered and all involved bids shall be rejected. Bids in which prices are obviously unbalanced may be rejected.

F. Amount of the Contract:

The amount of the contract will be understood to be the total sum of the amounts computed from the items or quantities and the unit price(s) as given in the bid. Where prices are given on alternative items, or quantities, only the amounts of the alternates accepted by Lane County will be included in the total amount of the contract.

G. Payment:

Payment will be made on the unit(s) delivered as called for in the specifications based upon the amount per each unit or the total amount stated in the proposal. Payment will be duly processed upon receipt of invoice and paid on a twice-monthly basis, normally within thirty (30) days of receipt of the invoice.

H. Delivery:

1. The unit(s) to be furnished under the contract shall be delivered in its entirety **per the delivery date stated in the bid, including penalty clauses as stipulated in the bid specifications and equipment contract**; however, the County may, at its discretion, extend the time for the completion of the contract without invalidating any of the provisions of the contract.
2. Each unit is to be delivered in first class operating condition with acceptance subject to **FLEET SERVICES** inspection and approval. Delivery shall be as set forth in the Specifications.

3. Each unit shall be completely serviced and lubricated at time of delivery, in accordance with factory service specifications.
4. Each unit shall be properly cleaned, washed, and all stickers, markings, and protective coatings removed.
5. Each unit shall be delivered with separate invoices, registration and warranty papers, predelivery inspection sheet, and owner's manual. In any case where a unit is delivered minus any part, item, or accessory issued as standard manufacturer's equipment, and/or specified by Lane County, the vendor will be immediately notified. If the missing part, item, or accessory is not provided and installed within seven (7) days, Lane County reserves the right to buy the item or part from another source and bill the vendor for the cost, including installation.

I. **Warranty and/or Service Policy:**

1. The bidder shall furnish a standard manufacturer's warranty and/or service policy and the work will be done by any regular authorized manufacturer's dealer.
or
- The warranty and/or service policy shall be in accordance with and as called for in the specifications.

J. **General Specifications:**

1. The item described herein shall be furnished in accordance with the specifications attached hereto as a part of the request for bid.
2. In case of conflict between the specifications and the general provisions, the specifications shall take precedence over and will be used in lieu of such conflicting portions of the general provisions.
3. **Silence of specifications:** The apparent silence of these specifications and supplemental specifications as to any detail or the apparent omission from it of a detailed description concerning any point shall be regarded as meaning that only best commercial practice is to prevail and that only material and workmanship of first quality are to be used.
4. All bidders must be an "equal opportunity employer" willing to comply with all applicable provisions of the Civil Rights Act of 1964, as amended by the Equal Opportunity Act of 1972 (see 42 USCA 2000), all regulations there under (see 41 CFR Parts 60 and 60-1), Executive Orders 11246 and 11375 and all Federal and Oregon statutes and regulations regarding employment, including ORS 656.017 regarding worker's compensation unless they meet the requirements for an exemption under ORS 656.126.

5. It shall be expected that suppliers shall furnish unit(s) conforming in all respects with the specifications. **When a brand or trade name is used it is understood to be used only to establish the quality standard desired. Quotations for equivalent articles are identified as to Manufacturer's Name, Trade name, Make and Model, and Catalog Number on the quotation request form.**
6. Heavy-duty, as applied to these specifications, means that the item to which the term is applied shall exceed the usual quantity, quality, or capacity supplied with standard production equipment.
7. All federal safety and pollution regulations and State of Oregon Revised Statutes pertaining to equipment construction, compulsory safety equipment and OSHA regulations form a part of these specifications.
8. Equipment shall be new (unused), current models of standard production and shall be completely prepared for customer delivery through service by a factory franchised dealer prior to delivery. A new equipment predelivery inspection and service sheet, properly completed and signed by the service manager of the seller shall be furnished with each unit. Each unit shall include all inspection coupons, certificates, or warranty identification cards furnished to the trade in general in accordance with standard warranty policy.

Said warranty shall be honored by all franchised dealers of that make in the state. Said warranty maintenance required, when performed by the Lane County preventative maintenance program, shall be acceptable to the dealer when it meets or exceeds dealer's certification requirements.
9. Evidence of such preventive maintenance shall be furnished by Lane County upon request, as required by the manufacturer. Any extended warranty period customarily granted shall be made available to Lane County at no additional cost.
10. There shall be no distance or time limitations, not applicable to the trade in general, on either standard or extended warranty or labor.
11. All equipment and accessories offered against these specifications shall be of identical style, quality and appointments as those offered to the trade in general during the course of the model year.
12. Any and all equipment designed to operate on public roads shall be accompanied by a **"MANUFACTURER'S STATEMENT OF ORIGIN"** at time of **DELIVERY**. If necessary statement does not accompany equipment at time of delivery, delivery will be refused until such **MANUFACTURER'S STATEMENT OF ORIGIN** is provided.

INDEPENDENT CONTRACTOR STATUS. The performance of this contract is at CONTRACTOR'S sole risk. The service or services to be rendered under this contract are those of an independent contractor who is not an officer, employee or agent of the County as those terms are used in ORS 30.265. CONTRACTOR is solely liable for any Workers' Compensation coverage under this contract.

All subject employers working under the contract are either employers that will comply with ORS 656.017 or employers that are exempt under ORS 656.126.

INDEMNITY. CONTRACTOR agrees to indemnify, defend and hold Lane County, it's Commissioners, agents, officers, and employees harmless from all damages, losses, and expenses including but not limited to attorney fees and to defend all claims, proceedings, lawsuits, and judgments arising out of or resulting from the CONTRACTOR'S performance or failure to perform this contract.

SPECIAL TERMS AND CONDITIONS

Statements concerning price escalation, renewal, contract execution, estimated quantities, product performance, shipping, returns, acceptance/rejection and special coordination are included in this section.

FAMILIARIZATION

Bidders may familiarize themselves with the requirements by contacting:
 Ron Gernhardt , Phone: (541) 682-8587 .

LANE COUNTY COORDINATION

The CONTRACTOR shall be required to coordinate all delivery and installation
with Orin Schumacher , Phone: (541) 682-6908 .

CONTRACT EXECUTION

The CONTRACTOR shall be required to return the signed contract, and required attachments such as an insurance certificate and performance surety within ten (10) days after issuance by Lane County. No liability shall be incurred by Lane County until the CONTRACTOR receives an executed copy of the contract.

Specifications For Bid

THE FOLLOWING FORMS MUST BE RETURNED IN ORDER TO QUALIFY THE BID FOR CONSIDERATION.

BID PAGE: Three (3) copies, Signed and Notarized.

BIDDER'S RESPONSE: Answer any questions and submit any additional information desired including alternatives. Alternatives may or may not be taken into consideration depending on the specification requirements

DEVIATION PAGE: Any deviation to the bid package should be addressed in this section. A blank deviation page is understood to mean **FULL ACCEPTANCE** of the bid package as written.

BID SECURITY: Bid security may be required. See page 3. The attached form may be used when the bidder is unable to obtain a standard surety bond.

SPECIAL INSTRUCTIONS TO BIDDERS: List three (3) references of customers who have previously purchased the equipment you are bidding.

THE FOLLOWING MAY BE REQUIRED, AS STIPULATED IN THE BID, WHEN THE CONTRACT IS SIGNED AND RETURNED TO THE COUNTY.

PERFORMANCE BOND: The attached form may be used when the bidder is unable to obtain a standard performance bond.

DEVIATION PAGE

11-CUBIC YARD CHIP TRUCK
Minimum Specifications

It is the intention of Lane County Fleet Services to purchase one (1), 35,000 GVW truck chassis, equipped with an eleven-yard chip box, hoist, aerial personnel lift, and chassis mounted winch.

1. General Specifications

Meets Specifications

A. General

1. One (1) new, unused and current model, 35,000 GVW, 2X4, diesel powered truck chassis equipped with an eleven-yard chip box, hoist, aerial personnel lift, and chassis mounted winch shall be furnished and delivered. Yes No
2. All equipment furnished shall be the manufacturer's latest model now in production and shall conform to the best practices known to the automotive trade in strength, quality of material and workmanship, and shall be subject to these specifications in full. Yes No
3. All ratings shall be certified by the manufacturer to be as stated according to test procedures designated by the S.A.E. or the appropriate agencies and shall at minimum be equal to the requirements and conditions specified herein. Evidence of compliance with the requirements of these specifications shall be based on manufacturers data sheets and data sheets of the component parts manufacturer published prior to the issuance of these specifications. In case of conflict between the latter, data sheets of the component parts manufacturer shall take precedence. Yes No
4. The unit furnished to meet these specifications, including all equipment and accessories, shall comply with the requirements of Oregon Vehicle Code, current Federal motor vehicle safety standards, current Oregon State Division of Industrial Safety Orders and OSHA. Unit maximum height shall be 13' 5". Yes No

5. The manufacturers furnishing the mechanisms described in these specifications shall be experienced in design and construction of such equipment and may be required to furnish evidence of having supplied similar equipment which has been in successful operation for a period of not less than one year. Yes No

B. Warranty

The manufacturer or successful bidder shall furnish a 1-year or 1,500 hour (from equipment in-service date), 100% labor and parts warranty covering the entire equipment unit, including any and all adjustments required during the warranty period. A warranty dealer location shall be within 20 miles of 3040 N. Delta Hwy, Eugene OR, 97408 or provide warranty repair by field service truck.

Yes No

- C. Each bidder shall attach to their proposal and make a part thereof, such data as are necessary to show the dimensions, arrangement, type and material of the component parts and detail drawings to scale of the arrangement of the mechanisms upon which the bid is tendered, as well as all other pertinent data necessary for a complete understanding and evaluation of their bid. Yes No

D. Equipment in Operation

The supplied equipment unit shall be used to perform various tree and vegetation trimming operations, tow a trailer-mounted, tandem axle wood chipper and haul and dump up to 11-cubic yards of green wood chips.

Yes No

E. Service and Parts Manuals

The vendor shall furnish to Lane County Fleet Services, one (1) set each of service/overhaul manuals, illustrated parts books, and two (2) operating manuals covering all supplied components.

Yes No

F. Delivery

1. Lane County desires to take delivery of this equipment no later than 180 days from date of bid award. Bidder shall indicate the number of days after bid award that they will guarantee delivery: _____ days.

Yes No

2. Equipment shall be delivered to 3040 N. Delta Hwy., Eugene, OR, 97408. Yes No

G. Manufacturers Certificate of Origin

- The Manufacturer's Certificate of Origin (MCO) shall be delivered with the equipment. Invoices will not be processed for payment prior to receipt of ownership documents. Yes No

H. Information and/or Questions

- Bidders shall contact Ron Gernhardt regarding information or questions on these specifications; phone (541) 682-8587, FAX (541) 682-8585, e-mail ron.gernhardt@co.lane.or.us. Yes No

!!. Truck Cab & Chassis

A. Cab

1. Cab shall be aluminum extended cab 132" BBC minimum, conventional design with no rear seat. Yes No
2. Cab shall have sufficient room to accommodate large drivers. Knee clearance, as measured from the forward edge of the seat *back* cushion to the steering column knuckle at knee height, shall be a minimum of 28". Yes No
3. All windows shall be tinted safety glass. Yes No
4. The driver and passenger seats shall be medium back, bucket style, air-suspension type with six-way adjustment and fore and aft isolator, covered with heavy cloth (National Cush-n-Air II, or County approved equal). The driver's seat shall be centered behind the steering wheel. Yes No
5. A retractable safety belt with shoulder harness shall be installed for driver and passenger positions. Yes No
6. A fresh air heater and defroster with O.E.M. indash air conditioning unit shall be installed. Units shall have adjustable temperature control and minimum 3 speed fan. Air conditioning and heating system shall be capable of maintaining 70 degree Fahrenheit in ambient

- temperature from -20 degrees Fahrenheit to 100 degrees Fahrenheit. Roof mounted air conditioning systems are not acceptable. Yes No
7. The instrument panel shall have 2" diameter glass covered gauges. All switches and controls shall be within easy reach of the operator with the safety belt on. The instrument panel shall have all necessary gauges grouped in clear view of the driver; to include fuel gauge, engine oil pressure gauge, engine coolant temperature gauge, engine hour-meter, voltmeter, speedometer, and electronic tachometer. In addition to the gauges, there shall be high engine coolant temperature and low engine oil pressure warning lights. Yes No
8. The speedometer shall be calibrated to compensate for axle ratio and tire size. Yes No
9. Cab shall be fully insulated with maximum insulation for minimum noise level. Yes No
10. There shall be electrically powered, bottom mounted windshield wipers with wet arm washer arrangement. Wiper motor shall be multi-speed with intermittent feature. Yes No
11. Armrests shall be installed on both doors. Yes No
12. Dual air horns with shields, **and** dual electric horns, with separate controls shall be installed. Yes No
13. The cab shall be equipped with right and left hand heated mirrors not less than 7"x 16" with support arms to allow the mirrors to fold when struck. Yes No
14. The fuel tank minimum capacity shall be 50 gallons. Yes No
15. Rubber mud flaps shall be mounted on the front fenders, not more than ten inches from the ground. Yes No
16. Fenders or fender flares shall extend not less than 1-1/2" beyond the tires. Yes No
17. A factory installed AM/FM radio with 2 speakers shall be provided. Yes No

18. Cab access shall include hand grab rails and steps on both sides of the truck. The first step shall be no more than 20 inches from the ground. Adequate toe clearance shall be provided for all steps, minimum six inches in depth; open-grate type is preferred. Steps shall be equally spaced. Steps must extend beyond fuel tanks, battery boxes, etc. and shall meet Oregon Occupational Safety And Health Code standards. Yes No
19. The steering column shall be an adjustable (tilt) type. Yes No
20. The steering wheel diameter shall be not greater than 19". Yes No

B. Paint

1. Cab, fenders and hood shall be painted manufacturers standard medium non-metallic red. Color requires prior County approval. Yes No
2. Chassis shall be non-reflective black. Yes No
3. All other components shall be standard production color and finish. Yes No
4. All paint shall be lead-free. Yes No

C. Tires

1. Front tires shall be 12R22.5, Goodyear G288 16 ply, (or County approved equal) load range 'H'. Yes No
2. Rear tires shall be 11R22.5, Goodyear G622 14 ply, (or County approved equal) load range 'G'. Yes No
3. All tires and wheels shall be balanced after mounting. Yes No

D. Wheels

1. Wheels shall be 9" x 22.5", heavy-duty disc type, hand-hold, with hub piloted mounting. Yes No

E. Brakes

1. Brakes shall comply with FMVSS requirements for air brakes and shall be 'S' cam type. Wedge brakes are not acceptable. The front brake lining size shall be a minimum of 16.5 x 5 inches and the rear brake lining size shall be a minimum of 16.5 x 7 inches. Yes No
2. Brake lining materials shall be asbestos-free. Yes No
3. There shall be dust shields with inspection ports on all brake drums. Yes No
4. The parking brake shall comply with FMVSS 121. Yes No
5. Air reservoirs shall be equipped with manual drain cocks which can easily be reached by the operator (lanyards to be remotely mounted if necessary). The drain cocks shall point toward the center of the truck. Yes No
6. A valve stem air charging port shall be provided so the air brakes can be released by an external source. Yes No
7. The air compressor output shall be a minimum of 13.2 cubic feet per minute. Yes No
8. An air dryer, Bendix ADIP (or County approved equal) shall be installed in an easily serviced location. Yes No
9. The brake drums shall be of the quick-change type.

F. Front Axle and Springs

1. The front axle shall be set-back type with a rated capacity of not less than 14,000 pounds, MFS-14-143A (or County approved equal). Shall have less than 40' turning radius. Yes No
2. The front springs shall be rated for not less than 14,000 pounds. Yes No
3. The steering shall be hydraulic power-assisted type. Axle mounted power steering cylinders are not acceptable. Yes No

- 4. Oil bath hubs shall be installed on the front axle. Yes No
- 5. Heavy-duty, shock absorbers shall be installed at each wheel. Yes No

G. Rear Tandem Axles and Suspension

- 1. The rear axle shall have a rated capacity of not less than 21,000 pounds R-series MS-21-14X or County approved equal. Yes No
- 2. The differential shall be limited slip or positraction type. Yes No
- 3. The rear axle gear ratio shall be such that the truck speed in high gear will be 55 mph at optimum, fuel efficient RPM. Yes No
- 4. The rear suspension shall be multi leaf spring type, with helper and radius rod, minimum 21,000 pound rated capacity with heavy duty shock absorbers. Yes No

H. Frame

- 1. The frame section modulus and tensile strength of the steel shall have a minimum Resistant to Bending Moment (RBM) of not less than 2,894,000 inch/lb. for the full length of each frame rail. Yes No
- 2. The wheelbase shall be 218". Yes No
- 3. The effective cab/axle dimension shall be 122". Yes No
- 4. The frame overhang shall be at least 90". Yes No

I. Engine

- 1. The engine shall be water-cooled, electronically controlled diesel-fueled, turbocharged, four-stroke, with a minimum 8.3 liter displacement. Yes No

2. The engine shall develop not less than 300 gross horsepower @2000 RPM and not less than 850 gross lb/ft torque @ 1400 RPM. Yes No
3. The engine filters shall be spin-on type and provide full protection and be sized for 'severe service duty'. The filters shall include the following:
- a) Fuel filter with water separator Yes No
 - b) Oil filter Yes No
 - c) Dual element dry type air cleaner with replaceable filter and in-cab dash mounted restriction indicator. Yes No
 - d) Cooling system filter, anti-corrosion resistor coolant type. Yes No
3. The cooling system for the engine shall provide proper cooling within an ambient temperature range from -30 degrees Fahrenheit to +120 degrees Fahrenheit. Yes No
5. A viscous or on/off engine cooling fan clutch shall be installed. Yes No
6. An easily removable cinder guard shall be installed between the radiator and grille. The guard shall be made from steel wire cloth 8X8 .047 wire diameter. Yes No
7. A radiator mounted sight-glass or translucent coolant recovery tank shall be provided for monitoring coolant level. Yes No
8. Cooling system shall be protected from freezing to -30 degrees Fahrenheit. Yes No
9. The exhaust system shall consist of a horizontal muffler and pipe, exiting on the street side ahead of the rear tires. Engine shall have exhaust brake. Yes No
10. Current laptop engine diagnostic software and laptop cable hook up shall be provided. Yes No

J. Transmission

- 1. Shall be Allison automatic, 3500 RDS with heavy-duty external cooler and PTO provision with synthetic lube. Yes No
- 2. Shall have transmission oil check and fill with electronic oil level check and magnetic drain plug. Yes No
- 3. Current laptop transmission diagnostic software and laptop cable hook up shall be provided. Yes No

K. Chassis Electrical System

- 1. The electrical system shall include a high output alternator (Delco 160 amp. 28SI, or approved equal). Yes No
- 2. The chassis electrical system shall incorporate the following features:
 - a) 12-volt DC negative ground. Yes No
 - b) There shall be two (2) Group 31, maintenance-free batteries, off road vibration resistant type, with a minimum cold cranking rating of 1850 amps. Yes No
 - c) All lighting shall be LED and comply with FMVSS 108 requirements for trucks over 80 inches wide. Yes No
 - d) A hazard switch for signal lights shall be installed. Yes No
 - e) Electrical 7 pole trailer plug shall be at end of frame to pull chipper trailer with electric brakes. Yes No
- 3. Headlamps shall have halogen type bulbs. Yes No

III. Body, Hoist and Hydraulics

A. Chip Box

- 1. Shall be minimum 11-cubic yard capacity. Yes No
- 2. Shall measure 132" long, 96" wide, and less than 60" high. Yes No

3. The forward edge of the chip box shall be slanted to allow clearance for the aerial personnel lift described below. Yes No
4. Shall be notched at the forward lower edge to permit the installation of an 'L' shaped toolbox (Arbortech #803563-02 or County approved equal). Yes No
5. Sides and front shall be fabricated from 12-gauge galvanealed steel with formed structural steel seams. Yes No
6. Top shall be fabricated from 14-gauge galvanealed steel and be reinforced at rear opening with 4" x 4" x 1/4" wall tubing. Yes No
7. Floor shall be fabricated from 10-gauge galvanealed steel with 3" x 7-gauge structural floor cross channels on 19" centers. Yes No
8. Tailgate shall be 20" high and hinged at the upper edge. Yes No
9. Tailgate latch shall be operated from inside the truck cab by an air cylinder, spring loaded to the closed position. Yes No
10. A safety stiff-leg shall be installed on the street side of the box. The leg shall fold to the front and be hinged on the hoist subframe rail. The leg shall position itself automatically into an enclosed pocket. Yes No
11. Body shall be primed and painted to match truck cab with lead-free paint. Yes No
12. Rear stop/tail/turn lights shall be L.E.D. Yes No

B. Hoist

1. Shall be double acting (power up and down), single cylinder, twin-arm hoist, rated at not less than Class 40 by TBEA and NTEA. The hoist rating shall be not less than 13-tons. Yes No
2. Shall provide a minimum dump angle of 50 degrees. Yes No

- 3. Minimum cylinder bore shall be 5". Cylinder piston rod shall be hard chrome plated. Yes No
- 4. Shall be primed and painted black with lead-free paint. Yes No

C. Hydraulic System

The hydraulic system shall provide hydraulic power for operating the dump hoist, powering the aerial personnel lift and powering hydraulic tools. The system shall be a 2,000 PSI system and shall meet the following requirements:

- 1. All components on the pressure side of the system shall have a 2,000 PSI operating pressure minimum and a burst pressure of 3,000 PSI minimum. With the exception of the hydraulic tank, all components on the return side shall have a 300 PSI working pressure minimum. Yes No
- 2. The pump shall be a PTO driven, tandem vane-type hydraulic pump, driven from truck transmission. The pump output at an engine speed of 1,200 RPM shall be sufficient to operate two hydraulic tools (pruners/chainsaws) simultaneously, the aerial personnel lift and the dump hoist. The dump hoist and the aerial personnel lift shall not operate simultaneously. Yes No
- 3. PTO shall be engaged through an air-shift mechanism located in the cab. Yes No
- 4. Oil reservoir shall have a 30-gallon minimum capacity complete with anti-splash baffles, 100-mesh screen in the filler neck, 60-mesh screen in the tank outlet, sight glass and access hole for tank cleanout. Shall include 10-micron "spin-on" type return line filter with bypass valve. Yes No
- 5. All hydraulic motor controls shall be located outside the truck cab. There shall be no hydraulics in the cab. Yes No
- 6. The system shall incorporate a separate relief valve that will not allow system pressure to exceed 2,000 PSI (Cross Rd-15 or equal). Yes No

7. Prior to delivery the system components shall be cycled and the oil level shall be visible at full operational level on the sight gauge on the hydraulic tank. Yes No

D. Aerial Personnel Lift

1. General

- a) Unit shall be tested and certified for operation up to 46 KV working line voltages per ANSI A92.2-1979. Yes No
- b) All fiberglass booms, baskets and covers shall be low gloss, off-white in color. All steel shall match truck color. Yes No
- c) MADDDC "Danger" decals shall be placed at appropriate spots on the boom and body. Yes No

2. Lift, Basket and Pedestal

- a) Unit shall be mounted directly behind cab. Yes No
- b) Rotation shall be continuous and unrestricted. Yes No
- c) Basket shall stow on a padded boom rest above cab on driver side. Rest shall be constructed of high strength welded steel. Boom shall be secured with a nylon strap, tightened by an over-center lever. Yes No
- d) Basket shall extend minimum 40' as measured from ground to bottom of basket. Yes No
- e) Horizontal reach shall be minimum 28' at 20' working height. Yes No
- f) A single fiberglass basket 24"x 30" x 42" deep with access step and minimum 350 lb. capacity shall be provided. Basket shall be complete with an operator safety harness and lanyard. Yes No
- g) A hydraulic platform rotator shall be provided to allow rotating the platform 180° from one side of the upper boom through the end hung position to

- the other side of the upper boom. Yes No
- h) A waterproof basket and control cover with a quick releasing on/off method of fastening the cover over the basket shall be provided. Yes No
- i) Basket shall be capable of horizontal tilt for incapacitated personnel rescue and clean out of basket debris with operating switch or lever mounted at the mast. Yes No
- j) Full pressure, self-centering, single stick, all weather top controls shall be furnished at the basket and shall move with the basket at all times. Hydraulic plumbing shall be enclosed within the boom to keep from being damaged. Yes No
- k) Full pressure lower controls capable of completely overriding the top controls shall be located in an accessible location on the turret. Yes No
- l) Shall have dual hydraulic tool ports in basket. The quick disconnects used shall be *Snaptite* (or County approved equal) and be installed with retaining covers. Yes No
- m) Engine start/stop and manual engine throttle advance controls at the basket shall be supplied. Yes No
- n) Shall be equipped with two (1 set) "A" frame type outriggers that are hydraulically powered by double-acting cylinders equipped with integral holding valves. Outriggers shall be installed behind the cab with controls on each side to accommodate the operator to view the outrigger placement. An audible alarm shall be installed, which will activate when outrigger is lowered. Yes No
- o) Turntable bearing shall be of the heavy-duty "shear ball" design powered by a reversible hydraulic orbit motor and a self-locking worm gear box. Yes No
- p) Tower pedestal shall be supplied with a

mounting base and the mounting base shall be of sufficient strength to withstand all torsional loads imposed by the aerial device. The mounting base shall be bolted to the chassis frame. Yes No

3. Lower Boom

- a) Shall be equipped with a double-acting hydraulic lift cylinder complete with integral holding valve. Yes No
- b) Shall articulate from horizontal to 80° above horizontal. Yes No
- c) Shall be designed with parallelogram linkage to maintain knuckle at constant angle to turret. Yes No

4. Upper Boom

- a) Shall be equipped with a double-acting hydraulic lift cylinder complete with integral holding valve. Yes No
- b) Shall articulate from 25° below horizontal to 85° above horizontal. Yes No
- c) Upper boom extension system shall consist of a hydraulic cylinder and two integral holding valves, The hoses routed through the outer/inner boom assembly shall be non-conductive and fully contained within the boom assembly. Yes No
- d) The upper boom shall be electrically certified in accordance with ANSI A9.2 requirements. Yes No

5. Aerial Personnel Lift Hydraulic System

- a) Shall be equipped with an emergency backup power system consisting of a hydraulic pump driven by a DC motor powered by the truck engine battery. System shall be connected in parallel with the main pump. Yes No
- b) Hydraulic lift cylinders: Heavy duty welded with threaded end caps for maximum safety. Piston

material shall be aluminum with square bi-directional seals made of polyurethane material. Piston shaft shall be highly polished chrome finish. Yes No

6. Winch

One front mounted 20,000 lb. hydraulic winch, winch bumper, and 4-way roller guide shall be supplied (Braden PD18B-11 or County approved equal). The winch controls shall be cab mounted, readily accessible to the operator and shall not interfere with his movements. Winch shall come complete with 150' of 9/16" wire rope and hook. Yes No

7. Cab Guard

Unit shall include guard over cab and fenders, suitable for use as work platform. Yes No

a) Platform shall be constructed on mild steel and engineered to withstand the load demands of two operators and 1,000 lbs. of equipment. Yes No

b) Platform shall be surrounded on front and sides by a 36" safety railing. Safety railing shall be constructed of 2" pipe. Yes No

c) Platform shall extend at least one-foot ahead of the front bumper, and allow storage of aerial personnel basket behind safety railing. Yes No

d) Platform floor shall be constructed from raised expanded metal. Yes No

e) Steps shall be provided at rear of cab on both sides to assist operator in climbing up to the cab guard platform. Steps shall be constructed of non-skid material. Safety railing or grab handles shall be supplied. Yes No

f) Shall have dual hydraulic tool ports located at passenger side rear of cab guard. The quick disconnects used shall be *SnapTite* brand and

installed with retaining covers. Yes No

g) Platform shall be primed and painted to match truck cab with lead-free paint. Yes No

8. Additional Equipment

a) Reverse gear activated variable volume electronic backup alarm. Yes No

b) 5-lb. fire extinguisher mounted in cab. Yes No

c) Locking, frame mounted waterproof toolbox minimum 48" long, 18" deep and 18" tall (Weatherguard Model #548 or equal). Yes No

d) Front and rear mud flaps shall be provided. Mud flaps shall be black and without lettering or design of any kind. Yes No

e) Emergency triangle reflector kit with storage case mounted in cab. Yes No

f) Cole Hersee (#12063) 7-pin trailer connector (or County approved equal) wired per SAE J-560B with Cole Hersee all-weather boot (#11178) (or County approved equal). Yes No

III. Trade-in

Lane County intends to trade-in the following equipment unit:

<u>Asset #</u>	<u>Serial #</u>	<u>Description</u>
02-121	1FVABXAK22HK20336 DE010111	2002 Freightliner FL80 Truck Versalift VST2401

Lane County, at its option, may retain or trade-in this equipment unit.

SPECIAL INSTRUCTIONS TO BIDDERS

It is the intent of Lane County to purchase one (1), new, unused and current model, 35,000 GVW, 4x2, diesel-powered truck chassis equipped with an 11 yard chip box, hoist, aerial personnel lift, and chassis mounted winch with one (1) trade in. However, Lane County reserves the right to purchase one or more, as may be deemed in the best interest of Lane County up to twelve (12) months from date of contract execution. The County reserves the right to select equipment to be traded. If the trade-in value is below present market value, or if the unit(s) is deemed to be more valuable to the County, then the County may choose to purchase one or more trucks without any trade in.

REFERENCES – Please list three (3) public agencies which have owned or operated a unit of the same model with options similar to those in vendor’s bid for the last three to five years.

- 1. Agency_____
- Address_____
- Contact Person_____Telephone_____

- 2. Agency_____
- Address_____
- Contact Person_____Telephone_____

- 3. Agency_____
- Address_____
- Contact Person_____Telephone_____

Delivery date of specified equipment _____ days after date of executed contract.

The bidder shall include descriptive literature and warranty of the equipment being bid.

The undersigned, as bidder, declares that they have carefully examined the Specifications and General Provisions and that bidder agrees, if the bid is accepted, that bidder will contract with the Board of Commissioners of Lane County to furnish the items as specified in the manner and the time therein prescribed and according to all the requirements set forth.

A bidder may withdraw the bid at any time prior to the day of the opening; however, all bids shall be irrevocable for a period of 60 days from the date of opening.

The bidder represents that the bid is made without connection with any person, firm, or corporation making a bid for the same materials, and is in all respects fair and without collusion.

The bidder declares that the firm has not discriminated against minority, women, or small business enterprises, including in obtaining any required subcontract.

I am ____, am not ____, an Oregon resident bidder, as defined in ORS 279.029.

Firm's Name (Print or Type Name)

Signature

Address

Print or Type Name

Address

Title

Telephone No.

Date

Subscribed and sworn to before me this _____ day of _____, 2001.

Notary Public:_____

My Commission Expires:_____

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, _____

As PRINCIPAL, and _____

_____, as SURETY, are hereby held and firmly bound unto Lane County as (OWNER) in the penal sum of _____

_____ (\$ _____) for the payment which, and truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrator, successors and assigns.

The condition of the above obligation is such that whereas the PRINCIPAL has submitted to (OWNER) a certain Bid, attached hereto and hereby made a part hereof to enter into a contract in writing, for the _____.

NOW, THEREFORE,

- (a) If said bid shall be rejected, or in the alternate,**
- (b) If said bid shall be accepted and the PRINCIPAL shall execute and deliver a contract in the Form of Contract attached hereto (properly completed in accordance with said Bid) and shall furnish bonds for his/her faithful performance of said contract, and for the payment of all persons performing labor or furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said Bid,**

then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the SURETY for any and all claims hereunder shall in no event, exceed the penal amount of this obligation as herein stated.

The SURETY, for value received, hereby stipulates and agrees that the obligations of said SURETY and its bond shall be in no way impaired or affected by any extension of the time within which the OWNER may accept such BID, and said SURETY does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the PRINCIPAL and the SURETY have hereunto set their hands and seals and such of them as are corporations have caused their seals to be affixed and these presents to be signed by their proper officers, the day and year first set forth below.

PRINCIPAL _____

By _____

Date _____

SURETY _____

By _____

Date _____