

SKAGIT COUNTY
MOUNT VERNON, WASHINGTON

Purchase of New Equipment

Skagit County is an Equal Opportunity Employer

SEALED BIDS will be received and publicly opened in the Commissioners' Hearing Room, Skagit County Administration Building, Suite 100, 1800 Continental Place, Mt. Vernon, Washington 98273, on **Monday, January 30, 2017 at the hour of 2:30 P.M.**, or as soon thereafter as possible, for the following equipment for Skagit County:

ONE NEW LATEST MODEL VARIABLE WIDTH HYDROSTATICALLY DRIVEN CHIP SPREADER

1. The successful bidder must deliver the chip spreader, ready for use, to Burlington, Washington.
2. Bidders must submit with their proposal, complete manufacturer's specifications and warranties covering the equipment bid.
3. For each separate proposal, the total price to Skagit County must be shown. No adjustments, credits, rebates, or other charges by the bidder will be considered after the bid opening.
4. **Bids must be accompanied by a bid deposit in the form of cash, a cashier's check, a certified check, or a surety bond in the amount equal to FIVE PERCENT (5%) of the amount of the bid proposed.**
5. The bid deposits of all unsuccessful bidders will be returned after the bid is awarded. The bid deposit of the successful bidder will be retained by Skagit County until receipt of and acceptance of the equipment by the County.
6. Delivery of this unit by June 16, 2017 is required. See #9 for details related to delivery of unit on time.
7. The Board of County Commissioners will award the bid to the lowest or best bid, taking into consideration: price, probable future maintenance costs based on proximity and availability of parts and service, warranties offered, and other factors that will contribute toward their exercising judgment to obtain the best value for the County. The Board reserves the right to waive minor irregularities in the bidding.
8. Bid envelopes must be clearly marked on the outside, "Sealed Bid for One New Latest Model Variable Width Hydrostatically Driven Chip Spreader to be opened at 2:30 P.M., January 30, 2017", and must be delivered to the office of the Skagit County Commissioners prior to bid opening time. Bids received and not so marked will not be considered.

Mailing Address: Skagit County Commissioners
County Admin. Bldg., Suite 100
1800 Continental Place,
Mount Vernon, WA 98273

- 9. Payment will be made within 30 days of receipt of and acceptance of the equipment by the County. The County may assess liquidated damages against the vendor in the amount of 1% of the dollar value of the total bid award amount for each week that any of the items are delivered past the agreed upon delivery date of June 16, 2017, up to a maximum of four weeks past the agreed upon delivery date, or to a maximum of 4% liquidated damages (1% for up to four weeks).

BID ITEM: ONE NEW LATEST MODEL VARIABLE WIDTH HYDROSTATICALLY DRIVEN CHIPSPREADER

1.01 The purpose of this Call for Bids is to purchase one (1) new latest model variable width, hydrostatically driven, self-propelled chip spreader. The intent of these specifications is to describe a complete and operable 4X4 Chip Spreader. The chip spreader shall have the capacity, while operating; to tow a 56,000 pound GVW loaded dump truck up at least an 18% grade.

1.02 Following are some specifications / features desired. In some cases these specifications are not absolute. The County desires a well-built chip spreader, fabricated from high quality materials. There is no intent to force an experienced, competent manufacturer to appreciably modify the standard production model to meet what is considered an arbitrary personal preference.

1.03 Skagit County is requesting a trade in value on a 2002 Etnyre chip spreader. This trade in will be viewed as an option. Skagit County may choose to not trade in the 2002 chip spreader.

1.04 A minimum of two days instruction on the operation and maintenance of this unit, by a factory trained technician, will be included in this bid and provided near the time of delivery.

1.05 Additional training to be provided at the equipment factory for three individuals (See #4 under Standard Requirements).

1.06 Successful bidder shall maintain a representative inventory of replacement parts and service facilities for servicing the equipment within 100 miles of the purchaser's main equipment yard.

BID ITEM: ONE NEW LATEST MODEL VARIABLE WIDTH HYDROSTATICALLY DRIVEN CHIPSPREADER

Requirements/Specifications:	<u>Conformance (X or No)</u>
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Manufacturer: _____ Model: _____ Year: _____

POWER TRAIN ENGINE

6 cylinder turbo-charged diesel engine with a minimum rating of 260 horsepower and to include electric start, alternator, voltage regulator and 1400 cca 12 volt batteries. Engine shall have dry type air cleaner, disposable element type oil filter, heavy-duty cooling, and electric throttle actuator. Engine shall have high water temperature / low oil pressure warning system and meet all E.P.A. Tier III requirements. Fuel capacity approximately 82 gallons.

4-WHEEL HYDROSTATIC DRIVE

Four wheel hydrostatic drive providing infinitely variable forward and reverse speeds from 0 to no less than 19 mph. The front and rear drives shall be driven by 160 cc variable displacement hydraulic motors through a differential and planetary drive wheel ends. Total wheelbase shall be not more than 135 inches.

FAN

Must have a reversible Fan.

TRANSMISSION

Electronically controlled variable hydrostatic 125 cc pump driven by direct engine bell housing mount, electronically controlled variable hydrostatic motors directly coupled to the front and rear axles. Infinite working speed range 0 to 19 M.P.H. Engine fan cooled oil cooler with total return flow capacity. Hydraulic reservoir minimum capacity to be 70 gallons.

TIRES & WHEELS

4 each 385/65R22.5-G tubeless, radial, wide base tires mounted on heavy duty steel disc wheels.

OPERATORS STATION

One control console station which can be manually moved from side to side for total operational control from either side of the chip spreader. Joystick to control forward/reverse and rate of speed. Instruments panel shall have digital display for application rate, product size, speed, oil pressure, coolant temperature, battery voltage, hydraulic oil temperature, percent of fuel remaining, engine hours and engine RPM's. All engine and hydraulic alarm system with lights and buzzer shall be included. Shall include a lockable control panel cover for vandal protection and one adjustable suspension seat with armrests and mounted umbrella. Speed adjustments for conveyor and auger functions.

ADDITIONAL SWITCHES – SEE OPTION 1 ON PRICE PAGE

Add two switches to the right rear of the machine:

- 1. Will open and close bat wings.
- 2. Will raise and lower the hitch.

Contact Rick Owens, Skagit County Shop Supervisor (360.416.1495) for specifics.

STEERING

Full hydrostatic power steering from 1.22 cc fixed displacement gear pump, with dedicated flow independent of engine speed. Turning radius shall be approximately 17 feet.

CONVEYORS

Must have two independently activated conveyors with 24 inch wide belts. Each powered by a load sensing 74 cc variable displacement pressure compensated hydraulic pump and a high torque 19.0 C.I.R. hydraulic motor, with direct drive to the head pulley. Electric switches for each conveyor control to have easy access mechanical override. Hooded, aggregate deflectors to be located at the head of each conveyor. 24 degree troughing idlers are to be of quick removable type and the tail pulley to be adjustable for insuring proper belt alignment. Each belt to have automatic on/off controls to control aggregate level in the spread hopper. There shall be an override control to enable the operator to manually start or stop the conveyors as needed.

VARIABLE WIDTH SPREAD HOPPER

Shall be 9 feet to 18 feet variable width, two section hopper system. Hoppers shall be capable of varying the spreading width on the run. No bolt-on sections accepted. Each hopper shall include hydraulic driven augers and spread rollers. Spread rolls to be no less than 6"

diameter and constructed of heavy wall tubing. Spread rolls shall be hydraulically driven and actuated by power gate opening control. The hydraulic system to have all pumps, hoses, valves, cylinders and controls to operate system. Operating controls shall be capable of being located at both the driver and front co-operator stations. The hoppers shall have expandable metal in the top of each hopper with replacement grates under the conveyor hoods. Also to

include, individual electric / air controlled one foot gates, to allow aggregate spreading in one foot increments across the variable width hopper by individual gate controls which can be open/close from the operator's station.

VARIABLE HEIGHT FRONT HOPPER

Operator must be able to raise and lower the hopper to clear obstacles and for easier loading on and off trailers.

SPREAD HOPPER VIBRATOR

Must have the ability to vibrate the spread hopper to allow dirty rock that gets stuck on the sides of the hopper to move downward with the flick of a switch.

BRAKES

Mechanical axles front and rear having hydraulic internal drum brakes controlled by pressing down on the foot pedal actuator. Also to include a spring applied, hydraulic release fail safe parking brake in the driveline that automatically applies if hydraulic or electrical power is lost.

TRUCK HITCH

This unit shall be equipped with a positive, self-locking "railroad" type adjustable truck hitch, which can be electrically released from the drivers or front operator's positions. Hitch height to be electrically controlled from the driver's position. Adjustment range 8" to 20" in height and 4" fore and aft.

WEIGHT TRANSFER HITCH – SEE OPTION 2 ON PRICE PAGE

Ability to transfer some of the weight of the dump truck to the rear wheels of the chip spreader through the chip spreader hitch to increase traction.

RECEIVING HOPPER

Hopper shall be a minimum of 132 inches wide with a capacity of approximately 4 cubic yards. Hopper to have hydraulically folding paver style wings controlled from the operator's station. Shall include heavy duty hopper skirting and an adjustable flow gate for each conveyer belt.

APPLICATION RATE COMPUTER

The Application Rate Computer shall monitor the actual speed of the chip spreader, and varies gate opening in order to maintain the set application rate in lbs./yd., of the selected aggregate, regardless of the speed of the unit. The computer shall be able to store five different aggregate / application rate setting in its memory. The application rate should be able to vary as desired while operating or to select a different pre-set combination at any time.

MISCELLANEOUS

1. This unit is to have headlights, LED stop and tail lights and turn signals with flashers switch.

2. Unit to have front fenders on each side.

3. An electric horn and electric back-up warning alarm is to be furnished.

4. Must include an engine warning system.

5. The paint is to be standard highway yellow.

- 6. The unit to have one full length walkway with skid resistant surface adjacent to one side of the conveyor system. _____
- 7. One Parts Manual. _____
- 8. Two sets of Service and Operator Manuals. _____

STANDARD REQUIREMENTS

- 1. All lights, turn signals and safety equipment required to meet all code requirements for the vehicle to be driven on the highways of the State of Washington. _____
- 2. All other features of the manufacturer's standard production model are required. _____
- 3. Training – In the field training for our operators and mechanics – minimum of two full days. _____
- 4. Additional two day training at chip spreader factory for three (3) employees: Training for 2 operators and 1 mechanic included in the cost of the machine. Excluded from this will be travel, meals and a rental car. _____
- 5. List warranties: _____

- 6. List nearest location for parts and service: _____
- 7. List estimated number of days until delivery after bid is awarded: _____

DOCUMENTS TO BE SUBMITTED WITH BID PROPOSAL:

- A) This Completed bid packet. Please put price sheets (page 7) in front of packet.
- B) Bid deposit as described on Page 1, Paragraph 4. (Please mark so that it is easy to find with bid packet).
- C) Copies of warranties offered.

D) Pamphlets and / or brochures depicting features of unit bid.

INFORMATION ON TRADE IN UNIT

If you would like to view this trade in unit please set up an appointment with Mike or Rick (360.416.1490).

2002 Etnyre Chip Spreader, 2WD with 2,326 hours.

QUESTIONS: For questions, contact Mike Elde or Rick Owens at 360-416-1490.

BID ITEM: ONE NEW LATEST MODEL VARIABLE WIDTH HYDROSTATICALLY DRIVEN CHIP SPREADER

Bid Opening: January 30, 2017 @ 2:30 PM

NAME OF COMPANY: _____
ADDRESS: _____
BY: _____ TITLE: _____
TELEPHONE NUMBER: _____

PROPOSAL 1 (No Trade In)

List Year _____ Model _____ Manufacturer _____

TOTAL BID PRICE FOR ONE NEW CHIP SPREADER: \$ _____

OPTION 1: ADDITIONAL SWITCHES: \$ _____

OPTION 2: WEIGHT TRANSFER HITCH: \$ _____

ADD SALES TAX: \$ _____

TOTAL OUT-OF-POCKET COST TO SKAGIT COUNTY: \$ _____

PROPOSAL 2 (Include Trade in Value for 2002 Etnyre Chip Spreader)

List Year _____ Model _____ Manufacturer _____

TOTAL BID PRICE FOR ONE NEW CHIP SPREADER: \$ _____

OPTION 1: ADDITIONAL SWITCHES: \$ _____

OPTION 2: WEIGHT TRANSFER HITCH: \$ _____

LESS TRADE IN VALUE FOR 2002 ETNYRE CHIP SPREADER: \$ _____

SUBTOTAL: \$ _____

ADD SALES TAX: \$ _____

TOTAL OUT-OF-POCKET COST TO SKAGIT COUNTY: \$ _____