

**ADDISON COUNTY SOLID WASTE
MANAGEMENT DISTRICT**

REQUEST FOR BIDS - NEW BACKHOE

ISSUED BY: Addison County Solid Waste Management District
1223 Route 7 South
Middlebury, VT 05753

DATE ISSUED: January 31, 2020

BID DUE DATE: **By 4:00 p.m., Tuesday, February 11, 2020**

CONTACT: Gary Hobbs, Transfer Station Supervisor
OR Teresa Kuczynski, District Manager
ACSWMD
1223 Route 7 South
Middlebury, VT 05753
Tel: (802) 388-2333
Fax: (802) 388-0271
Email: teri@acswmd.org
gary@acswmd.org

The Addison County Solid Waste Management District (ACSWMD) is soliciting bids for one (1) new, unused backhoe (four-wheel drive with extend-a-hoe) for loading and compacting waste. The ACSWMD currently owns a John Deere 310SK Backhoe, purchased new in 2015, that is available for trade-in on the purchase of a new backhoe. We are seeking bids to meet the minimum specifications attached to this Request for Bids, and/or recommendations for an equivalent backhoe to suit the needs of the ACSWMD. Terms: Net 30 Days. All bids must be submitted on the Bid Form attached to this Request for Bids! Late bids will be rejected.

DISTRICT BACKGROUND

The ACSWMD is a tax-exempt, 501(C) (1) union municipal district made up of 21 member towns, with a population of 36,200. The ACSWMD operates a 67-ton-per-day (23,000 ton/year) Transfer Station at 1223 Rt. 7 South, Middlebury, Vermont for Municipal Solid Waste (MSW) and Construction & Demolition Debris (C&D) and manages a variety of special wastes, including appliances and scrap metal, for transport by trailers to out-of-District facilities. The backhoe is used to push waste over a tipping wall into open-top transfer trailers, and to crunch and compact the loaded waste in the trailer. The backhoe is also used for snow removal and moving other materials in the yard.

The ACSWMD currently owns a John Deere 310SK Backhoe, purchased new in 2015, that is available for trade-in on the purchase of a new backhoe.

BID SUBMISSION REQUIREMENTS

1. Bids must be received by **4:00 p.m. (EST), Tuesday, February 11, 2020.**
2. Responses must include the following elements:
 - The completed Bid Form attached;
 - Product and company qualifications;
 - List of at least four (4) references, preferably in a cold-climate area;
 - Purchase price, with trade-in of John Deere 310SK, and including delivery charges, FOB Middlebury, Vermont;
 - Delivery – Bidder to deliver on or before April 1, 2020 or to make other reasonable arrangements.
 - Warranty – 5-year/7,500-hr full machine. See attached spec sheet for full details.
3. The bid may also list options and prices for: (a) one extra set of tires and rims. These options are for information purposes only and will not be considered criteria for selecting the winning bid.

Financing/leasing options are unnecessary for inclusion in the bid. Terms: Net 30 days.

The ACSWMD will accept bids by: mail or hand delivery (1223 Rt. 7 South, Middlebury, VT 05753); by e-mail (teri@acswmd.org); or by fax ((802) 388-0271). Bidders are encouraged to call the office to confirm receipt of bids, as late bids will be rejected. Bids will remain confidential until opened on Wednesday, February 12, 2020, at 10:00 a.m.

BID EVALUATION

Each bid will be opened and reviewed by ACSWMD staff at the ACSWMD office located at 1223 Rt. 7 South, Middlebury, Vermont, at 10:00 a.m. on February 12, 2020. Staff will review the bids with the ACSWMD Executive Board on February 12, 2020 and the Board of Supervisors (BOS) on February 20, 2020, with the intent to contact the successful bidder by Friday, February 21, 2020, or as soon as the BOS makes its award.

Responses to this Request for Bids will be evaluated on the following criteria:

- The ability of the firm to ship the product in a timely manner;
- Price;
- Purchase agreement terms and conditions;
- Extent to which the proposed product meets or exceeds the minimum specifications;
- Experience and reputability of vendor and product;
- Warranty available.

Questions regarding this Request for Bids may be directed to Gary Hobbs, Transfer Station Supervisor (ext. 229), or to the ACSWMD Manager, Teresa Kuczynski (ext. 224), at 802-388-2333, (fax) 802-388-0271. All interested parties are encouraged to utilize e-mail in their communications: gary@acswmd.org or teri@acswmd.org.

All responding bidders will be notified in writing regarding results of the selection process.

REVISIONS TO RFB

If it becomes necessary to revise any portion of this RFB, the addenda will be sent to all providers who were provided the original request and any parties who were provided copies of this request. The ACSWMD also reserves the right to negotiate with the bidders to modify or amend certain portions of their respective bids.

ACSWMD REQUESTS FOR CLARIFICATION

It is the responsibility of the Bidder to provide accurate and complete information to the ACSWMD. The ACSWMD may, at its sole discretion, request clarifications and/or supplemental information from the Bidder during the Bid evaluation. The ACSWMD may waive technical irregularities of a Bid if they do not alter the quality or quantity of the services offered.

CONTRACTOR SELECTION

There is no obligation on the part of the ACSWMD to award a Bid to the Bidder submitting the lowest price. Selection for the requested services will be awarded to the most responsive and responsible Bidder offering the best price and deemed to be in the best interests of the ACSWMD. The ACSWMD reserves the right to negotiate sections of the Bid from any or all Contractors.

REJECTION OF BIDS

The ACSWMD reserves the right to reject any and all bids in the best interest of the ACSWMD.

LIMITATION OF LIABILITY

Bidders shall bear the full cost of bid preparation and negotiating the final purchase agreement if selected by the ACSWMD. There may be no claims whatsoever for reimbursement from the ACSWMD for costs and expenses associated with this process.

**ADDISON COUNTY SOLID WASTE MANAGEMENT DISTRICT
REQUEST FOR BIDS – NEW BACKHOE**

BID FORM

POSITIVELY NO BIDS CONSIDERED UNLESS SUBMITTED ON THIS FORM!

ITEM DESCRIPTION:

Four-wheel drive (4WD) backhoe with extend-a-hoe, comparable to but not limited to Caterpillar 420EX, John Deere 410, Case 590, or JCB 4CX per the attached specifications.

Freight to Be Included in Bid Price. Total FOB Destination Bid. No additional freight will be allowed.

<u>Make</u>	<u>Model</u>	<u>Year</u>	<u>Unit Price</u>	<u>Delivery (# days after receipt of order)</u>
_____	_____	_____	_____	_____

Company Name: _____

Contact Name: _____

Mailing Address: _____

E-Mail Address: _____

Website: _____

Tel. No.: _____

Cellphone No.: _____

Fax No.: _____

Bid Submitted by: _____
[Print name and title]

[Signature]

Date: _____

ADDISON COUNTY SOLID WASTE MANAGEMENT DISTRICT REQUEST FOR BIDS – NEW BACKHOE

Minimum technical specifications for one (1) Four-Wheel-Drive Backhoe with extend-a-hoe to be used by the ACSWMD Transfer Station in Middlebury, Vermont.

NOTE: Equipment proposed in response to this bid request should meet or exceed these detailed specifications. Bidders should review the specification details below and indicate if the proposed equipment complies (Yes) or (No) with the stated specification. If the proposed equipment does not comply, a reason for consideration of all deviations must be explained in the right-hand column below.

SPECIFICATIONS - (1) 4WD Backhoe	Complies?	If No, Note Deviations
A. Engine – Diesel engine shall have a minimum 3.4-liter displacement, turbo-charged with 110 SAE net horsepower min. 1. Fuel filter replaceable spin-on cartridge with water/sediment separator. 2. Oil filter and lubrication full-flow, spin-on type. 3. Cooling system is a cold-climate, pressurized system with a recovery tank and antifreeze protection to -30 degrees F. 4. Engine provided with engine oil cooler and block heater. 5. Air cleaner shall be dry type, dual element, pre-screen and with an in-cab restriction warning light. 6. Daily checkpoints shall be accessible from ground level, with a tilt hood for easy engine access. 7. Engine must be Tier 4 compliant and meet the emission standards.		
B. Electrical System – 1. A 12-volt system with a 150-amp alternator minimum. 2. Dual batteries rated at 850 cold-cranking amps and 190-minute rated capacity each. 3. Equipped with a battery disconnect switch.		
C. Power Train – 1. Transmission with torque converter and a power shift system. 2. Fully synchronized 4 speeds forward and 3 speeds reverse. 3. Four-wheel drive with front-axle limited slip, and rear-axle differential lock. 4. Transmission oil cooler provided. 5. Hydrostatic power steering with emergency manual mode. Turning radius not to exceed 15 ft. 6. Final drives to be heavy duty inboard or outboard planetary. 7. Service brakes may be inboard or outboard, wet multiple disks, self-adjusting, self-equalizing, hydraulically actuated and sealed from water, mud and dust contamination. 8. The parking brake shall be independent of the service brakes.		
D. Hydraulic System – 1. An axial-piston pump with a flow of at least 40 gallons per minute, pressure compensated and load sensing. 2. Hydraulic filter of 15 microns or less.		
E. Cab & Body 1. Mainframe shall be one-piece unitized construction with four tie downs - two in front and two in rear. 2. Fully enclosed cab constructed with isolation mounted modular design FOPS/ROPS with a molded floor mat and headliner.		

<ol style="list-style-type: none"> 3. Heater and Air Conditioning front & rear defroster and ventilation. 4. Windshield wipers on front and rear windshields. 5. Equipped with an exterior mounted toolbox, lockable and ground level accessible. 6. Two rear wheel fenders. 7. Audible back-up alarm. 8. One 8-in.diameter, amber strobe light mounted on top of cab. 9. Vandal protection shall cover the instrument panel, engine hood, and toolbox; hydraulic reservoir and fuel filler shall be lockable. 10. Fuel tank 35-gallon capacity minimum, lockable cap and ground level fueling capability. 11. Cab access from left and/or right side with wide, rigid, self-cleaning steps and hand holds. 12. Front-mounted counterweight kit sufficient in weight to prevent the front of the unit from lifting while using the backhoe bucket in any position with a full load. 13. Trash guards installed to protect driveshaft and any other components under tractor body. As well as extra protection to the front grill of the tractor. 		
<p>F. Operator Station –</p> <ol style="list-style-type: none"> 1. Panel with analog gauges for: engine coolant temperature (with audible alarm), torque converter oil temperature (with audible alarm) and fuel level. 2. Monitor system shall have audible and visual warnings for: engine air restriction, engine oil pressure, hydraulic filter restriction, parking brake on/off, seat belt and low brake pressure. 3. Digital or gauge readouts for: engine rpm, engine hours, system voltage and hydraulic oil temperature. 4. Fully adjustable, swivel suspension seat with armrests, lumbar support. 5. Factory installed AM/FM radio. 6. Factory installed seat belt. 7. Interior rear-view mirror. 8. A 12-volt power outlet. 		
<p>G. Lighting –</p> <ol style="list-style-type: none"> 1. Four (minimum) halogen drive and working lights, 35,000 candlepower each minimum. Two adjustable front and two adjustable rear mounted. 2. Two side docking lights mounted on the left and right side. 3. Two front and two rear turn signal/flashing lights. 4. Two rear stop and taillights. 		
<p>H. Tires, 4WD Configuration –</p> <ol style="list-style-type: none"> 1. Front tires shall be 12.5/80L-18, 10-ply rated lug type or standard equipped size from manufacturer. 2. Rear tires shall be 19.5L-24, 10-ply rated lug type or standard equipped size from manufacturer. 3. Front and rear tire rolling radius must be compatible. 4. All tires to be Radial and loaded (foam filled) tires. 		
<p>I. Loader –</p> <ol style="list-style-type: none"> 1. Lift capacity to full height no less than 6,200 lbs. with 1.5- cu.yd, heavy-duty bucket designed for waste operations (like the https://tagmfg.us/products/wheel-loader-attachments). 2. Lift height at bucket hinge point is a minimum of 10 ft., 6 in. 3. Dump clearance at 45 degrees shall be no less than 8 ft., 4 in. 4. Bucket breakout force shall be no less than 9,700 lbs. 		

<ul style="list-style-type: none"> 5. Loader bucket shall have a bolt-on cutting edge. 6. A 1.5-cu.yd. heavy-duty bucket designed for waste operations (like the https://tagmfg.us/products/wheel-loader-attachments/) Minimum capacity. 7. The loader shall have hydraulic self-leveling and bucket-level indicator. 8. Loader control with a single-lever and electric clutch cutoff switch. 9. Equipped with loader boom service lock. 		
<p>J. Backhoe –</p> <ul style="list-style-type: none"> 1. Unit equipped with pilot backhoe controls. 2. Reach from center of swing pivot pin extended is 21 ft. 3. Digging depth with dipper stick extended is 14 ft. minimum. 4. Bucket cylinder dig force with dipper stick retracted is 12,000 lbs. minimum. 5. Boom lift capacity extended at ground level is 2,000 lbs. minimum. 6. Dipper stick lift capacity with boom at 60 degrees and a height of 12 ft. and full extension is 2,000 lbs. minimum. 7. One 24” trenching bucket, heavy-duty rated. No tips, no teeth. 8. Bucket rotation is 190 degrees minimum. 9. The stabilizer shall have reversible pads with a 12-ft. minimum stabilizer spread in the down position. Stabilizer control valve is a two-directional, anti-drift design. 10. Locking system to secure boom for travel. 11. Boom locks to keep the backhoe from vibrating on the swing frame. 		
<p>K. Back-up alarm – mounted on rear.</p>		
<p>L. Service Facilities –</p> <ul style="list-style-type: none"> 1. The equipment manufacturer shall operate a sales/ service facility capable of performing repairs associated with the equipment they represent. 2. The service facility shall be located within 100 miles of the ACSWMD Transfer Station located at 1223 Route 7 South, Middlebury, VT. 3. The service facility shall be stocked with common replacement and high wear parts, as may be designated by the equipment manufacturer, and approved by the ACSWMD. 		
<p>M. Warranty – 5-year/7500-hour full machine warranty including parts and labor and loaner machine as well as transportation to and from ACSWMD to repair facility. Please specify terms and conditions.</p>		
<p>N. Manuals –</p> <ul style="list-style-type: none"> 1. Two sets of operator’s manuals. 2. One set of service and parts manuals. 		
<p>O. Documentation –</p> <ul style="list-style-type: none"> 1. All required title/licensing paperwork and a copy of the invoice must be with the equipment at the time of delivery. 2. Any missing paperwork at the time of delivery will result in delay of payment. 		
<p>P Options-</p> <ul style="list-style-type: none"> 1. Extra set of tires and rims for the Backhoe. 2. Reversing Fan for the Backhoe. 		
<p>Q. Delivery – F.O.B.: ACSWMD Transfer Station 1223 Route 7 South Middlebury, VT 05753</p>		