



**DANE COUNTY
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION**

REQUEST FOR BID (RFB)

Revised 05/2021 (G/S)(LVP)(LCP)

BID NUMBER: 122035

BID TITLE: Hydraulic Excavator

**BID DEADLINE: March 24, 2022
2:00 p.m. (CST)**

**SUBMIT BID TO: Purchasing Bid Dropbox
www.danepurchasing.com**

Late, faxed, mailed, hand-delivered or unsigned bids will be rejected

**DIRECT
ALL INQUIRES
TO:**

Pete Patten
Purchasing Officer
(608) 267-3523
patten.peter@countyofdane.com
www.danepurchasing.com

BID SUBMISSION CHECKLIST

- Update Vendor Registration
- Read Entire Bid Document

Completed Bid Packet (In PDF Format)

- Section 1 – Vendor Information
- Section 2 – Bid Specifications
- Section 3 – Price Proposal

- Upload Bid Response to Purchasing Bid Dropbox

DATE ISSUED | February 24, 2022

VENDOR INFORMATION

VENDOR NAME: _____

Vendor Information (address below will be used to confirm Local Vendor Preference)			
Address			
City		County	
State		Zip+4	
Vendor Rep. Name		Telephone	
Title			
Email			
Dane County Vendor #			

Local Vendor Preference <i>(Reference General Guidelines #1.6)</i>
<input type="checkbox"/> Locally Based & Owned Vendor
<input type="checkbox"/> Locally Operated Vendor
<input type="checkbox"/> Non-Locally Operated Vendor
<input type="checkbox"/> No Local Vendor Preference

Local Content Vendor Preference <i>(Reference General Guidelines #1.7)</i>
<input type="checkbox"/> Dane County-Made
<input type="checkbox"/> Regionally-Made
<input type="checkbox"/> Wisconsin-Made
<input type="checkbox"/> No Preference

Cooperative Purchasing <i>(Reference General Guidelines #1.8)</i>
<input type="checkbox"/> I agree to furnish the commodities or services of this bid to municipalities and state agencies.
<input type="checkbox"/> I do not agree to furnish the commodities or services of this bid to municipalities and state agencies.

Fair Labor Practice Certification <i>(Reference General Guidelines #1.9)</i>
<input type="checkbox"/> Vendor has not been found by the National Labor Relations Board (“NLRB”) or the Wisconsin Employment Relations Commission (“WERC”) to have violated any statute or regulation regarding labor standards or relations in the seven years prior to the date this bid submission is signed.
<input type="checkbox"/> Vendor has been found by the National Labor Relations Board (“NLRB”) or the Wisconsin Employment Relations Commission (“WERC”) to have violated any statute or regulation regarding labor standards or relations in the seven years prior to the date this bid submission is signed.

Addenda – we hereby acknowledge receipt, review and use of the following addenda, if applicable.				
<input type="checkbox"/> Addendum #1	<input type="checkbox"/> Addendum #2	<input type="checkbox"/> Addendum #3	<input type="checkbox"/> Addendum #4	<input type="checkbox"/> None

Signature Affidavit
In signing this bid, we certify that we have not, either directly or indirectly, entered into any agreement or participated in any collusion or otherwise taken any action in restraint of free competition; that no attempt has been made to induce any other person or firm to submit or not to submit a bid; that this bid has been independently arrived at without collusion with any other bidder, competitor or potential competitor; that this bid has not been knowingly disclosed prior to the opening of bids to any other bidder or competitor; that the above statement is accurate under penalty of perjury.
The undersigned, submitting this bid, hereby agrees with all the terms, conditions, and specifications required by the County in this Request for Bid, and declares that the attached bid and pricing are in conformity therewith.

Signature: _____

Title: _____

Printed Name: _____

Date: _____

BID AND SPECIFICATION OVERVIEW

Dane County as represented by the Purchasing Division will accept bids for the purchase of specified item(s) as described within this document.

Specification Compliance: Bidder shall complete every space in the area provided with either a check mark to indicate the item being bid is exactly as specified (**Yes**), or deviates from bid specification (**No**). Any deviation from the minimum specifications stated herein must be identified in detail in the Specifications Deviations section of the bid and must include a description of how the proposed item(s) differ from the bid requirements, along with detailed justification for such deviation. Bidder shall include photos and schematics as necessary, for complete clarification.

The specifications below describe an acceptable product. Minor variations in specification may be accepted if, in the opinion of County staff, they do not adversely affect the quality, maintenance or performance of the item(s). Dane County reserves the right to accept or reject any and all bids, to waive informalities and to choose the bid that best meets the specifications and needs of the County.

Trade-In Equipment: Contact Bert Schwab, Operations Manager, at 608-576-2730 to arrange for an inspection of the available trade-in equipment noted below.

Manufacturer	Model	Year	Serial #	Hours	Operating Weight
Hyundai	HX 145	2017	HHKHK404AH0000200	1,344	35,250 lbs.

Basis of Award: The bids will be analyzed and awarded on a Total Cost of Ownership basis as set forth herein after. Dane County reserves the right to accept any bid or option deemed most advantageous to Dane County using the following formula:

- (+) Initial Purchase price
- (+) Present value of the annual guaranteed maximum costs of maintenance and repairs
- (-) Present value of the guaranteed repurchase price.
- (-) Trade-in price on equipment

BID SPECIFICATIONS

Hydraulic Excavator

#	Description	Spec Compliance	
1	OPERATION WEIGHT		
2	31,500 lbs. Minimum includes ROPS cab other accessories Maximum of 36,400 lbs. Reduced tail swing, minus front blade	<input type="checkbox"/> YES	<input type="checkbox"/> NO
3	ENGINE		
4	Net Power Minimum (ISO 9249) 101 HP.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
5	Diesel engine EPA final tier 4	<input type="checkbox"/> YES	<input type="checkbox"/> NO
6	Double element air filter with integrated pre-cleaner	<input type="checkbox"/> YES	<input type="checkbox"/> NO
7	Block Heater	<input type="checkbox"/> YES	<input type="checkbox"/> NO
8	Glow plug starting aid	<input type="checkbox"/> YES	<input type="checkbox"/> NO
9	Charge air cooler	<input type="checkbox"/> YES	<input type="checkbox"/> NO
10	Enclosed fan guard	<input type="checkbox"/> YES	<input type="checkbox"/> NO
11	Radiator trash screen	<input type="checkbox"/> YES	<input type="checkbox"/> NO
12	One-touch low idle with auto engine speed control	<input type="checkbox"/> YES	<input type="checkbox"/> NO
13	Electric fuel priming pump	<input type="checkbox"/> YES	<input type="checkbox"/> NO
14	Single fuel filtration system with water separator and indicator	<input type="checkbox"/> YES	<input type="checkbox"/> NO
15	Variable speed fan	<input type="checkbox"/> YES	<input type="checkbox"/> NO
16	Auto engine shut down	<input type="checkbox"/> YES	<input type="checkbox"/> NO
17	FUEL TANK		
18	Minimum of 49 US. Gallons	<input type="checkbox"/> YES	<input type="checkbox"/> NO
19	Locking type caps on fuel tank and DEF tank, keyed to match cab door locks	<input type="checkbox"/> YES	<input type="checkbox"/> NO
20	WORKING RANGE/OPERATING DIMENSIONS		
21	Excavator stick length, minimum of 9' 10"	<input type="checkbox"/> YES	<input type="checkbox"/> NO
22	Minimum digging depth 19' 6"	<input type="checkbox"/> YES	<input type="checkbox"/> NO
23	Minimum reach at ground level 28' 4"	<input type="checkbox"/> YES	<input type="checkbox"/> NO
24	ELECTRICAL SYSTEM		
25	24 Volt system	<input type="checkbox"/> YES	<input type="checkbox"/> NO
26	Maintenance free batteries	<input type="checkbox"/> YES	<input type="checkbox"/> NO
27	Largest Alternator available	<input type="checkbox"/> YES	<input type="checkbox"/> NO
28	Programmable time delay LED working lights	<input type="checkbox"/> YES	<input type="checkbox"/> NO
29	LED chassis light, left-side/right-side boom lights, cab lights	<input type="checkbox"/> YES	<input type="checkbox"/> NO

Section 2 – Bid Specifications – Submit with Bid

30	4" amber strobe light covered with light protector mounted on cab, operated by a switch in the cab	<input type="checkbox"/> YES	<input type="checkbox"/> NO
31	Centralized electrical master switch to the battery	<input type="checkbox"/> YES	<input type="checkbox"/> NO
32	HYDRAULIC SYSTEM	Spec Compliance	
33	Two-way high flow auxiliary hydraulics to operate hydraulic thumb by joysticks in the cab and all lines required	<input type="checkbox"/> YES	<input type="checkbox"/> NO
34	One- way high flow auxiliary hydraulics rated at 2,500 psi with adjustable relief valve to operate hydraulic tools such as hydraulic hammers and compactors. Including lines to the end of the dipper stick and all controls	<input type="checkbox"/> YES	<input type="checkbox"/> NO
35	Open center load sensing with variable displacement pumps	<input type="checkbox"/> YES	<input type="checkbox"/> NO
36	Reduced drift valve for boom down and arm in. Spring applied, hydraulically released automatic swing break	<input type="checkbox"/> YES	<input type="checkbox"/> NO
37	Excavator shall be equipped with a hydraulic pin grabber quick coupler that is operated from the cab	<input type="checkbox"/> YES	<input type="checkbox"/> NO
38	Excavator to be equipped with a fully hydraulic thumb operated from cab	<input type="checkbox"/> YES	<input type="checkbox"/> NO
39	Automatic hydraulic warm up	<input type="checkbox"/> YES	<input type="checkbox"/> NO
40	CONTROLS	Spec Compliance	
41	Customizable joysticks	<input type="checkbox"/> YES	<input type="checkbox"/> NO
42	Equipped with a pattern control changer to switch controls from excavator (ISO/SAE)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
43	UNDERCARRIAGE	Spec Compliance	
44	28" triple semi grouser steel tracks	<input type="checkbox"/> YES	<input type="checkbox"/> NO
45	Hydraulic track adjustment with sealed track and lubricated track rollers, carrier rollers and idlers	<input type="checkbox"/> YES	<input type="checkbox"/> NO
46	Planetary drive with axial piston motors	<input type="checkbox"/> YES	<input type="checkbox"/> NO
47	Propel motor shields	<input type="checkbox"/> YES	<input type="checkbox"/> NO
48	Tie down points on base frame (ISO 15818)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
49	Automatic two speed travel	<input type="checkbox"/> YES	<input type="checkbox"/> NO
50	Less undercarriage blade (Remove brackets, cap hoses and place out of sight to avoid catch all)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
51	CAB	Spec Compliance	
52	Factory installed, fully enclosed, providing rollover protection and is ROBS/FOBS certified	<input type="checkbox"/> YES	<input type="checkbox"/> NO
53	Heater/Defroster	<input type="checkbox"/> YES	<input type="checkbox"/> NO
54	Air conditioner (to be integral part of the cab to protect unit)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
55	Front windshield 70/30 with removable tempered lower windshield with cab storage bracket	<input type="checkbox"/> YES	<input type="checkbox"/> NO
56	Intermittent wiper and washer	<input type="checkbox"/> YES	<input type="checkbox"/> NO
57	AM/FM stereo with Bluetooth	<input type="checkbox"/> YES	<input type="checkbox"/> NO

Section 2 – Bid Specifications – Submit with Bid

58	Skylight	<input type="checkbox"/> YES	<input type="checkbox"/> NO
59	Access steps with anti-slip and hand grab bars	<input type="checkbox"/> YES	<input type="checkbox"/> NO
60	Deluxe air suspension cloth heated seat with headrest and armrest	<input type="checkbox"/> YES	<input type="checkbox"/> NO
61	Seat belt	<input type="checkbox"/> YES	<input type="checkbox"/> NO
62	High resolution 10" LCD touch screen monitor	<input type="checkbox"/> YES	<input type="checkbox"/> NO
63	Right and Left mirrors	<input type="checkbox"/> YES	<input type="checkbox"/> NO
64	Sun visor	<input type="checkbox"/> YES	<input type="checkbox"/> NO
65	Manufactures standard instrument named for the specified excavator to include illuminated gages, monitor system with alarm features, auto idle/auto acceleration, engine coolant, fuel, hydraulic oil, engine oil pressure, machine information center, hour meter	<input type="checkbox"/> YES	<input type="checkbox"/> NO
66	BUCKET	Spec Compliance	
67	Minimum 42" tooth bucket (or largest to fit machine specs.)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
68	Flared teeth on bucket	<input type="checkbox"/> YES	<input type="checkbox"/> NO
69	TECHNOLOGIES	Spec Compliance	
70	Integrated 2D grade	<input type="checkbox"/> YES	<input type="checkbox"/> NO
71	Integrated payload scale	<input type="checkbox"/> YES	<input type="checkbox"/> NO
72	Standard E-Fence able to set operator defined boundaries through the monitor	<input type="checkbox"/> YES	<input type="checkbox"/> NO
73	Laser catcher mounted on stick	<input type="checkbox"/> YES	<input type="checkbox"/> NO
74	SAFETY AND SERVICEABILITY	Spec Compliance	
75	Rear and right-side-view cameras	<input type="checkbox"/> YES	<input type="checkbox"/> NO
76	360 degree visibility	<input type="checkbox"/> YES	<input type="checkbox"/> NO
77	Ground level engine shutoff switch	<input type="checkbox"/> YES	<input type="checkbox"/> NO
78	Service platform with anti-skid plate and countersunk bolts	<input type="checkbox"/> YES	<input type="checkbox"/> NO
79	Grouped engine oil and fuel filters	<input type="checkbox"/> YES	<input type="checkbox"/> NO
80	Ground level engine oil dipstick	<input type="checkbox"/> YES	<input type="checkbox"/> NO
81	S-O-S sampling ports	<input type="checkbox"/> YES	<input type="checkbox"/> NO
82	WARRANTY	Spec Compliance	
83	12 month unlimited hrs. Which includes tracks, powertrain, hydraulic system, engine components and all wiring and sensors. Starting from date of delivery to the first user	<input type="checkbox"/> YES	<input type="checkbox"/> NO
84	One extra copy of wiring schematic, operator's manual, and scheduled maintenance manual.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
85	One extra copy of the repair manual	<input type="checkbox"/> YES	<input type="checkbox"/> NO
86	Extended warranty 60-month 2500 hr. powertrain + Hydraulics + Tech (Tier 4)	<input type="checkbox"/> YES	<input type="checkbox"/> NO

Section 2 – Bid Specifications – Submit with Bid

87	DELIVERY	Spec Compliance	
88	30 days or less delivery of excavator to Dane County's 4318 Robertson Rd location	<input type="checkbox"/> YES	<input type="checkbox"/> NO

PRICE PROPOSAL

VENDOR NAME: _____

Pricing shall be inclusive of all labor, delivery costs and other expenses necessary to provide product in accordance with the specifications and terms and conditions of this bid document and your proposal.

#	Item	Unit Price (\$)		
1	Furnish and deliver one (1) Hydraulic Excavator and all accessories in accordance with the aforementioned specifications. Maximum of 5 hours on excavator.			
2	Repurchase amount at the end of six (6) years (no maximum hours)			
3	Max. Cost of maintenance and repairs for six (6) years (no maximum hours)			
4	Will you be exercising the option to replace the excavator with a new unit (same model or equivalent) at no cost to the County? (per item F of the "Total Cost Specifications") (YES or NO)			
5	If yes, at what time intervals would you be likely to replace the excavator (i.e. yearly, every two years, etc.)?			
6	If yes to replacing the excavator, would you remove the blade and reinstall at trade out?			
7	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">2017 Hyundai HX-145, Serial# HHKHK404AH0000200, 1,344 hours on machine, operating weight 35,250 lbs.</td> <td style="width: 50%; padding: 5px; text-align: center;">OFFER ON TRADE-IN? <input type="checkbox"/> YES <input type="checkbox"/> NO</td> </tr> </table>	2017 Hyundai HX-145, Serial# HHKHK404AH0000200, 1,344 hours on machine, operating weight 35,250 lbs.	OFFER ON TRADE-IN? <input type="checkbox"/> YES <input type="checkbox"/> NO	
2017 Hyundai HX-145, Serial# HHKHK404AH0000200, 1,344 hours on machine, operating weight 35,250 lbs.	OFFER ON TRADE-IN? <input type="checkbox"/> YES <input type="checkbox"/> NO			
8	Optional Accessories	Unit Price (\$)		
9	60" Ditching Bucket (to fit the excavator specs)			
10	Additional Questions	Answer		
11	Number of days for delivery of excavator to 4318 Robertson Road			
12	Make			
13	Model			
14	Operating Weight			
15	Deviations? (YES or NO)			

PRICE PROPOSAL – TOTAL COST BID SPECIFICATIONS

The Total Cost Bid (TCB) is to include a guaranteed maintenance and repair program.

NOTE: the Total Cost of Ownership provisions applies only to the purchase of the Track Excavator.

SPECIAL CONDITIONS

The successful bidder must be willing to enter into an agreement with Dane County. This agreement will contain the following provisions:

1. The successful bidder will be fully responsible for the total cost of all repairs (including parts and labor) for their manufacturer's published warranty period and in excess of the guaranteed maximum cost of repairs during the periods as specified on the Bid Specifications, six (6) years from the date of delivery.
2. Dane County shall have the right to sell, lease, trade, or otherwise dispose of the equipment. However, if such action is taken, the successful bidder will not be bound by the provisions of this section requiring responsibility for all repairs.
3. Dane County agrees to the following:
 - (A) All of the equipment will be operated by County personnel for road construction, Parks Projects, repair, maintenance, and other purposes for which the equipment is designed.
 - (B) Dane County will assume responsibility for costs of repairs due to fire, theft, accident, vandalism, or acts of nature.
 - (C) Dane County will assume all costs of hydraulic fluid, lubricating oil, filters of all types, grease, fuel, anti-freeze, cutting edges, batteries, headlights, glass breakage, wire rope, cleaning, and painting.
 - (D) The successful bidder will perform all repair and maintenance work except as stated in (e) below. Parts and labor shall be billed at standard rates published by the bidder.
 - (E) Dane County will maintain the equipment in accordance with manufacturer's recommendations and perform regular maintenance including grease, oil changes, replacement of filters, etc. The bidder has the right to inspect equipment at any time and make recommendations for repairs, improved maintenance, etc. Dane County will follow these recommendations to the best of its ability.
 - (F) The successful bidder has the option to replace the Excavator with a new unit (same model or equivalent) at no cost to Dane County at any time during the contract period.