



DANE COUNTY
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION

REQUEST FOR BID (RFB)

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

BID NUMBER: **122067**

BID TITLE: **Snow Plow and Grader Blades**

BID DEADLINE: **August 30, 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:**

Carmen Hidalgo
Purchasing Officer
(608)266-4966
Hidalgo.Carmen@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 | August 1, 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 (Reference General Guidelines #1.8)
<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 (Reference General Guidelines #1.9)
<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.

BID SPECIFICATIONS

122067 Snow Plow and Grader Blades

#	Description	Spec Compliance	
1	ALL BLADES		
2	The difference between the highest and lowest tip point should not exceed 1/32 inch on any given blade assembly.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
3	The finished blade section shall be free of warpage and longitudinal deviation should not exceed 1/8 inch in a four-foot blade section.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
4	Each blade section shall be identified with manufacturer's identification stamp on each end.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
5	The finished blade sections shall have markings showing the front edge of the blade to avoid improper mounting.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
6	All carbide blades should be standard sections with 12 inch hole centers, 1 1/2 inches from the top of the blade.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
7	SNOW PLOW BLADES		
8	The blade shall be flat hot-rolled finished steel, to meet or exceed specifications for A36 or 1020 type steels. (Dane County has typically used 3/4" thick blades)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
9	Punching shall be 11/16 inch square holes with counter sink to receive 5/8 inch diameter plow bolts using the AASHTO punch pattern, 1 1/2 inches from the top of the blade.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
10	The groove for the carbide inserts shall be milled in the center of the blade edge.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
11	Center of holes shall be in line within 1/32 inch of established horizontal centerline and 1/16 inch of established vertical centerline.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
12	SNOW PLOW BLADES - TUNGSTEN CARBIDE INSERTS		
13	The inserts shall be a high-shock WC grade of tungsten carbide, with 11-12.5% cobalt content, and the following physical characteristics:	<input type="checkbox"/> YES	<input type="checkbox"/> NO
14	Density: 14.1 Minimum to 14.6 Maximum	<input type="checkbox"/> YES	<input type="checkbox"/> NO
15	Hardness: 87.5 Minimum to 89.0 Maximum (Rc. "A" Scale)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
16	Transverse Rupture Strength (p.s.i.): 350,000 Minimum	<input type="checkbox"/> YES	<input type="checkbox"/> NO
17	Porosity (Based on testing in accordance with ASTM designation B276-79): A06, B00, C00	<input type="checkbox"/> YES	<input type="checkbox"/> NO

Section 2 – Bid Specifications – Submit with Bid

18	The carbide insert manufacturer must furnish certification to the Highway Department that the inserts meet the characteristics set forth above.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
19	The inserts shall be a trapezoid design of the following dimensions:	<input type="checkbox"/> YES	<input type="checkbox"/> NO
20	Height: .635 inch +/- .005 inch (long side)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
21	Width: .365 inch +/- .010 inch	<input type="checkbox"/> YES	<input type="checkbox"/> NO
22	Length: 1 inch nominal	<input type="checkbox"/> YES	<input type="checkbox"/> NO
23	Bottom Angle: 25 degrees with a nose radius of 1/16 inch minimum	<input type="checkbox"/> YES	<input type="checkbox"/> NO
24	A metallurgical evaluation of the carbide insert should show no evidence of cross grade contamination. Evaluation will be based on a photomicrograph of a polished and etched specimen at 500X magnification.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
25	SNOW PLOW BLADES - BRAZING	Spec Compliance	
26	The brazing material shall be a high-strength alloy type.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
27	The braze shear strength should be 30,000 p.s.i. (minimum).	<input type="checkbox"/> YES	<input type="checkbox"/> NO
28	The tungsten carbide inserts shall be positioned in the milled groove at .010 inch between the inserts the entire length of each cutting edge section.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
29	The inserts shall be brazed on all sides in a manner consistent with sound brazing practices, with no evidence of voids or use of shims.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
30	Each blade section is to contain one insert, one inch nominal length for each inch of blade section length.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
31	OVERLAY BLADES	Spec Compliance	
32	The overlay blades shall be made of C-1090 carbon steel, with a Brinell hardness of 250-300 or greater.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
33	These blades shall be 1/2 inch thick, 6 inches wide, in 4, 8, 9, 11, and 12 foot lengths.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
34	The blades shall have countersunk hole punches 11/16 inch in diameter, with a standard AASHTO hole punch pattern located 1-1/2 inches from the top of the blade.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
35	GRADER BLADES	Spec Compliance	
36	The grader blades should be the curved type, with double-bevel cutting edges.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
37	The blades should be through-hardened steel, with a minimum Brinell hardness of 390, and a minimum Rockwell C-scale hardness of 42.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
38	The 72 inch and 84 inch blades should be 3/4 inch thick and 8 inches wide.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
39	INVOICE/BILLING/PAYMENT	Spec Compliance	

Section 2 – Bid Specifications – Submit with Bid

40	Agree to Dane County's Net 30 Terms and Conditions as outlined in the RFB - General Guidelines and Terms and Conditions - Section 1.14 Payment Terms and Invoicing	<input type="checkbox"/> YES	<input type="checkbox"/> NO
41	DELIVERY SPECIFICATIONS	Spec Compliance	
42	To be delivered to: Dane County Highway Department 2302 Fish Hatcery Road Madison WI 53713	<input type="checkbox"/> YES	<input type="checkbox"/> NO
43	SUPPLEMENTAL REQUIREMENTS	Spec Compliance	
44	A manufacturer specifications sheet must be submitted with the bid.	<input type="checkbox"/> YES	<input type="checkbox"/> NO

* See next page for Deviations Section

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. The estimated units to be purchased is not a guarantee.

#	Item/Description	Est. Units	Unit Price	Total Price
1	Overlay Blades, 9 foot	25	\$	\$
2	Overlay Blades, 5 foot	25	\$	\$
3	Overlay Blades, 4 foot	25	\$	\$
4	Overlay Blades, 12 foot	16	\$	\$
5	6" HIGH 3' (36") Tungsten Carbide Tipped Cutting Blades (3/4" thick)	100	\$	\$
6	6" HIGH 4' (48") Tungsten Carbide Tipped Cutting Blades (3/4" thick)	50	\$	\$
7	6" HIGH 5' (60") Tungsten Carbide Tipped Cutting Blades (3/4" thick)	50	\$	\$
8	5/8" thick Black Cat Blades part number 5614 LH (left hand) or equivalent	75	\$	\$
9	5/8" thick Black Cat Blades part number 5614 RH (right hand) or equivalent	75	\$	\$
10	3' Joma rubber Blades	30	\$	\$
11	4' Joma rubber Blades	30	\$	\$
12	3' ESCO Bucyrus Flex Pro Rubber Blades	30	\$	\$
13	4' ESCO Bucyrus Flex Pro Rubber Blades	30	\$	\$
14	Joma Part Number-663158PRH (right hand)	30	\$	\$
15	Joma Part Number 663158PLH (left hand)	30	\$	\$
16	Grader Blades, 7 foot, with 5/8 mounting holes	5	\$	\$
17	Grader Blades, 7 foot, with 3/4 mounting holes	10	\$	\$
Future Pricing and Delivery				
18	Deliver Days ARO			
19	If Dane County would need to purchase additional blades at a later date, the pricing provided above will remain the same until (MM/DD/YY). *Prices may be extended for up to two additional one-year periods if agreeable by bidder and Dane County.			

PRICE PROPOSAL

VENDOR NAME: _____

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	Additional Items to be Considered – include literature on each item	Unit Price
20		\$
21		\$
22		\$
23		\$
24		\$
25		\$