



REQUEST FOR BID (RFB)

DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION

BID NUMBER

119055

BID TITLE

Tri-Axle and Patrol Truck Builds

BID DEADLINE

**May 7, 2019
2:00 p.m. (CST)**

Unsigned, late, faxed, or electronically mailed bids will be rejected.

**MANDATORY
VENDOR
CONFERENCE**

**April 24, 2019 at 10:00AM
2302 Fish Hatchery Road
Madison, WI 53713**

**SUBMIT BID TO THIS
ADDRESS**

CITY COUNTY BUILDING
DANE COUNTY PURCHASING DIVISION
210 MARTIN LUTHER KING JR BLVD ROOM 425
MADISON, WI 53703-3345

**# OF REQUIRED
BID COPIES**

Bidders must submit (1) original and (1) copy

**DIRECT
ALL INQUIRES TO**

NAME Pete Patten

TITLE Purchasing Agent

PHONE # 608-267-3523

EMAIL patten.peter@countyofdane.com

WEB SITE www.danepurchasing.com

DATE BID ISSUED: April 2, 2019

BID SUBMISSION CHECKLIST

Read Entire Bid Document

Completed Bid Packet (stapled)

- Section 2 – Vendor Information
- Section 3 – Bid Specifications
- Section 4 – Price Proposal
- Section 5 – Standard Terms and Conditions

Bid Packets: (1) original and (1) copy

- Sealed envelope/package containing bid packets and labeled with:
 - Vendor Name
 - Bid Number
 - Bid Deadline Date/Time

Up-to-date Vendor Registration

PROPOSALS MUST BE DATE/TIME STAMPED BY A DANE COUNTY ADMINISTRATION STAFF MEMBER

Section 1 – General Bid Guidelines

1. Introduction

Dane County invites and will accept bids for services outlined within this bid. The County as represented by Purchasing Division, intends to use the results of this process to purchase goods or services here within.

2. Clarification/Questions:

Any questions concerning this bid must be submitted in writing by mail, fax or email at least five working days prior to the bid deadline. Requests submitted after that time will not be considered. All inquiries must be directed to the Purchasing Agent indicated on the cover page.

3. Addendums:

In the event that it becomes necessary to provide additional clarifying data or information, or to revise any part of this bid, addenda and/or supplements will be posted on the Purchasing Division web site at www.danepurchasing.com. Bidders are responsible to regularly monitor the web site for any such postings. It is recommended to check the website for addenda prior to submitting a proposal. Bidders must acknowledge the receipt/review of any addenda on the Vendor Information page.

The Purchasing Division has the sole authority for modifications to specifications and/or this bid document.

4. Vendor Registration Program:

All bidders are strongly encouraged to be a registered vendor with Dane County. Registering allows vendors an opportunity to receive notifications for bids issued by the County and provides the County with up-to-date company contact information.

Provide your Dane County Vendor # in the Vendor Information section of the bid submission packet.

For Non-Registered Vendors:

Complete vendor registration by visiting www.danepurchasing.com. On the top menu bar, click Vendor Registration and then click Create Vendor Account. You will receive an email confirmation once your account is created and again when your vendor registration is complete. Retain your user name/email address and password for ease of re-registration in future years. Within 2-4 days of completing the registration, a vendor number will be assigned and emailed to you.

For Registered Vendors:

Check to make sure your vendor information including commodity codes is up-to-date by signing into your account at www.danepurchasing.com. On the top menu bar, click Vendor Registration and then click Vendor Log In.

5. Local Purchasing Preference:

Under Dane County Ordinance 25.08(11)(c-e), a Locally Based and Owned Vendor, Locally Operated Vendor, or Non-Locally Operated Vendor may be invited to match the low bid if the low bid is offered by a vendor that is not identified as a Locally Based and Owned Vendor, Locally Operated Vendor, or Non-Locally Operated Vendor according to Dane County Ordinance requirements.

Locally Based and Owned Vendor Criteria

- 1. Your business or corporate headquarters is physically located in Dane County and;
- 2. Your business owners or shareholders totaling more than 50% of ownership live in Dane County and;
- 3. Your business is registered and authorized to do business in the State of Wisconsin.

Locally Operated Vendor Criteria

- 1. Your business is registered and authorized to do business in the State of Wisconsin and;
- 2. Your business has an established place of business within Dane County.
 - o A post office box address does not qualify a vendor as a Locally Operated Vendor.

Non-Locally Operated Vendor Criteria

- 1. Your business is registered and authorized to do business in the State of Wisconsin and;
- 2. Your business has an established place of business in one of the following Wisconsin Counties: Columbia, Dodge, Green, Iowa, Jefferson, Rock, or Sauk.
 - o A post office box address does not qualify a vendor as a Non-Locally Operated Vendor.

Local Purchasing Preference Order of Events:

Locally Based and Owned Vendors:

- 1. When bids are reviewed, the County will determine if a Locally Based and Owned Vendor responding to the bid is the low bidder. If a Locally Based and Owned Vendor is the low bidder, they will be awarded the bid.
- 2. If a Locally Based and Owned Vendor is not the low bidder but is within 15% of the low bid, the County will contact the Locally Based and Owned Vendor and provide that vendor the option of matching the low bid price.
- 3. If no Locally Based and Owned Vendors are among the responding bidders, or the Locally Based and Owned Vendor declines to match the low bid, then the County will determine if a Locally Operated Vendor has responded to the bid.

Locally Operated Vendors:

- 4. If a Locally Operated Vendor is within 10% of the low bid, the County will contact the Locally Operated Vendor and provide that vendor the option of matching the low bid price.
- 5. If no Locally Operated Vendors are among the responding bidders, or the Locally Operated Vendor declines to match the low bid, then the County will determine if a Non-Locally Operated Vendor has responded to the bid.

Non-Locally Operated Vendors:

- 6. If a Non-Locally Operated Vendor is within 5% of the low bid, the County will contact the Non-Locally Operated Vendor and provide that vendor the option of matching the low bid price.
- 7. If no Non-Locally Operated Vendors are among the responding bidders, or the Non-Locally Operated Vendor declines to match the low bid, then the County will award the bid to the low bidder without regard to the location of the vendor.

6. Pricing:

The price quoted shall include all labor, materials, equipment, shipping, and other costs. All prices and conditions outlined in the bid shall remain fixed.

7. Bid Submission and Acceptance:

Bids must be received by the Dane County Purchasing Division by the specified date and time stated on the cover page. All proposals must be time-stamped in by a Dane County Purchasing or Administration staff member. Bids not so stamped will not be accepted.

Unsigned, late, faxed, or electronically mailed bids will be rejected.

Vendors must submit an original and the required number of copies of all bid materials required for acceptance as instructed on the cover page of the bid.

Multiple bids from a vendor will be permissible, however, each proposal must conform fully to the requirements for bid submission. Each such bid must be separately submitted and labeled as Bid# 1, Bid# 2, etc.

Dane County reserves the right to accept any part of this bid deemed to be in the best interest of the County. The County also retains the right to accept or reject any or all bids.

8. Cooperative Purchasing

Participating in cooperative purchasing gives vendors opportunities for additional sales without additional bidding. Municipalities and state agencies use cooperative purchasing to expedite purchases. A “municipality” is defined as any county, city, village, town, school district, board of school directors, sewer district, drainage district, vocational, technical and adult education district, or any other public body having authority to award public contracts (s. 16.70(8), Wis. Stats.). Federally recognized Indian tribes and bands in this state may participate in cooperative purchasing with the state or any municipality under ss. 66.0301(1) and (2), Wis. Stats.

On the Vendor Information page, you will have the opportunity to participate in allowing municipalities and state agencies to piggyback this bid. Participation is not mandatory. A vendor’s decision on participating in this service has no effect on awarding the bid.

Dane County is not a party to these purchases or any dispute arising from these purchases and is not liable for delivery or payment of any of these purchases.

9. Award:

The County will award the bid to the responsive and responsible bidder whose bid is most advantageous to the County. In determining the most advantageous bid, the County will consider criteria such as, but not limited to, cost, bidder's past performance and/or service reputation, and service capability, quality of the bidder's staff or services, customer satisfaction, references, the extent to which the bidder's staff or services meet the County's needs, bidder's past relationship with the County, total long term cost to the County, fleet continuity and any other relevant criteria listed in this solicitation.

Written notice of award to a vendor in the form of a purchase order or other document, mailed or delivered to the address shown on the bid will be considered sufficient notice of acceptance of bid.

This contract and any part thereof shall not be subcontracted or assigned to another Contractor without prior written permission of the County. The Contractor shall be directly responsible for any subcontractor's performance and work quality when used by the Contractor to carry out the scope of the job. Subcontractors must abide by all terms and conditions under this Contract.

10. Payment Terms and Invoicing:

Unless otherwise agreed, Dane County will pay properly submitted vendor invoices within thirty (30) days of receipt of goods or services. Payment will not be made until goods or services are delivered, installed (if required), and accepted as specified. Invoices presented for payment shall be submitted to the bill to address and/or County Representative listed on the Dane County purchase order. The Dane County purchase order number must be noted on the submitted invoice.

Other incidental or standard industry charges not identified herein, are not allowed under this contract. Miscellaneous service charges used to help the Contractor pay various fluctuating current and future costs are not allowed. These charges include, but are not limited to, costs directly or indirectly related to the environment, energy issues, fuel charges, service and delivery of goods and services.

11. Permits and Licenses:

The Contractor selected under this bid shall be required to obtain the necessary permits and licenses prior to performing any work under this contract. The Contractor will be required to demonstrate valid possession of appropriate required licenses and will keep them in effect for the term of this contract.

Contractor must be financially responsible for obtaining all required permits and licenses to comply with pertinent regulations, municipal, county, State of Wisconsin and Federal laws, and shall assume liability for all applicable taxes.

12. Satisfactory Work:

Any work found to be in any way defective or unsatisfactory shall be corrected by the Contractor at its own expense at the order of the County. The County also reserves the right to contract out services not satisfactorily completed and to purchase substitute services elsewhere. The County reserves the right to charge the vendor with any or all costs incurred or retain/deduct the amount of such costs incurred from any monies due or which may become due under this contract.

13. Government Standards:

All materials, equipment, and supplies provided to the County must fully comply with all safety requirements as set forth by the Wisconsin Department of Commerce and all applicable OSHA Standards. Bidders shall comply with all local, state and federal regulations, directives and laws.

14. Warranty:

The length, time, and conditions of warranty must be attached to or stated in the bid document. The seller and/or manufacturer warrants that the goods sold hereunder will be merchantable quality, will conform to applicable specifications, and will be free from defects in material and workmanship and will be fit for the particular purpose intended.

Warranty does not commence until after the complete unit has been accepted and placed into service by the user agency. Bidder shall indicate the name and the geographical location of the nearest authorized dealer to perform subsequent warranty service. This information shall be stated in the pricing section of bid or otherwise specified.

15. Inspection of Premises/Vendor Site Visit:

Bidder's may inspect site(s) prior to submitting bids to determine all requirements associated with the project by contacting the Purchasing Agent listed on the cover page. Failure to do so will in no way relieve the successful

Section 1 – General Bid Guidelines

bidder from the necessity of providing, without additional cost to the County, all necessary services that may be required to carry out the intent of the resulting contract.

16. Contracting Assignment – Subcontractors

This contract and any part thereof shall not be subcontracted or assigned to another Contractor without prior written permission of the County. The Contractor shall be directly responsible for any subcontractor's performance and work quality when used by the Contractor to carry out the scope of the job. Subcontractors must abide by all terms and conditions under this Contract.

17. Contract Additions

The County reserves the right to add new items and locations at a price conforming to other like items on the contract. The procedure for such additions shall be as follows:

The County Purchasing Agent will contact the vendor requesting pricing for the item(s) to be added. The vendor, within three working days, should respond in writing and include the bid number, contract period and the price for each item or service to be provided. Upon receipt, the County shall issue a Change Order adding the service or product(s) to the Contract or Purchase Order. The County reserves the right to accept or reject prices and obtain bids on the open market for these add-ons.

When applicable, Contractor may be required to sign a Dane County Contract.

18. Contract/Project Administration

The County department(s) utilizing the service will be responsible for coordinating, monitoring and administering the resulting service contract/purchase order. The department shall be responsible for notifying the awarded vendor about contract renewals or extensions. Any modifications or additions to the contract(s)/purchase order(s) shall be communicated by the department to the Purchasing Division.

19. Contract Termination

If for any reason the successful contractor fails to fulfill the requirements of the contract for providing the specified services, the County shall have the right to cancel the contract at any time and negotiate for the services with another contractor.

20. Insurance:

The successful vendor is required to submit to Dane County a Certificate of Insurance prior to performing any work under this contract. The certificate is required prior to issuance of purchase order. See Section 20.0 Insurance Responsibility in the Standard Terms & Conditions.

Please contact your insurance representative to issue an Additional Insured Endorsement naming COUNTY OF DANE, a municipal corporation, its boards, commissions, agencies, officers, employees and representatives listed as an **ADDITIONAL INSURED** on the General Liability policy..

Indicate mailing address as:

COUNTY OF DANE
Risk Management
City County Building Room 425
210 Martin Luther King Jr., Blvd.
Madison, WI 53703

You may fax it (608-266-4425) or mail it to Risk Management.

Please inform your insurance representative that you have agreed to provide us with **30 Days written notice** in the event of cancellation for any reason before the expiration date of your policy or policies.

Call 608-266-4965 with any questions.

21. Dane County Sustainability Principles:

On October 18, 2012, the Dane County Board of Supervisors adopted Resolution 103, 2012-2013 establishing the following sustainability principles for the county:

- Reduce and eventually eliminate Dane County government’s contribution to fossil fuel dependence and to wasteful use of scarce metals and minerals;

Section 1 – General Bid Guidelines

- Reduce and eventually eliminate Dane County government's contribution to dependence upon persistent chemicals and wasteful use of synthetic substances;
- Reduce and eventually eliminate Dane County government's contribution to encroachment upon nature and harm to life-sustaining ecosystems (e.g., land, water, wildlife, forest, soil, ecosystems); and
- Reduce and eventually eliminate Dane County government's contribution to conditions that undermine people's ability to meet their basic human needs.

22. Fair Labor Practices:

Dane County Ord. 25.09 (1) is as follows:

(28) BIDDER RESPONSIBILITY. (a) Any bid, application or proposal for any contract with the county, including public works contracts regulated under chapter 40, shall include a certification indicating whether the bidder has been found by the National Labor Relations Board (NLRB) or the Wisconsin Employment Relations Committee (WERC) to have violated any statute or regulation regarding labor standards or relations within the last seven years. The purchasing manager shall investigate any such finding and make a recommendation to the committee, which shall determine whether the conduct resulting in the finding affects the bidder's responsibility to perform the contract.

If you indicate that you have been found by the NLRB or WERC to have such a violation on the Vendor Information page, you must include a copy of any relevant information regarding such violation with your proposal, bid or application.

Additional information about the NLRB and WERC can be found using the following links:

www.nlr.gov and <http://werc.wi.gov>.

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 (Reference General Guidelines #5)	
Locally Based & Owned Vendor	<input type="checkbox"/>
Locally Operated Vendor	<input type="checkbox"/>
Non-Locally Operated Vendor	<input type="checkbox"/>
No Preference	<input type="checkbox"/>

Cooperative Purchasing (Reference General Guidelines #8)

<input type="checkbox"/>	I <u>agree</u> to furnish the commodities or services of this bid to municipalities and state agencies.
<input type="checkbox"/>	I <u>do not agree</u> to furnish the commodities or services of this bid to municipalities and state agencies.

Fair Labor Practice Certification (Reference General Guidelines #22)

<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.

Addendum #1 <input type="checkbox"/>	Addendum #2 <input type="checkbox"/>	Addendum #3 <input type="checkbox"/>	Addendum #4 <input type="checkbox"/>	None <input type="checkbox"/>
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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	
Name (Printed)		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.

Term: The contract shall be effective on the date indicated on the Dane County purchase order or the Dane County contract execution date and shall run until completion of all truck builds designated within this bid.

If applicable, any renewal terms are not automatic extensions. Vendor performance may be taken into consideration in the decision by the contracting agencies and the Purchasing Division to either continue this contract into each possible renewal term or to terminate and re-bid this contract.

Mandatory Vendor Conference: Any vendor submitting a proposal for this bid is required to attend the mandatory vendor conference beginning at **10:00 a.m. on April 24th at the Dane County Highway Department located at 2302 Fish Hatchery Road, Madison, WI 53713**. At this conference, vendors will be able to see the latest County design and truck builds, ask questions and gain an understanding of how Dane County would like these trucks to be built. Vendors are encouraged to ask questions during this conference.

Tri-Axle Truck Build – Specs 1 – 275
Patrol Truck Build – Specs 276 – 353

Manufacturer Specifications:

A manufacturer specifications sheet must be submitted with the bid.

BID SPECIFICATIONS

TRI-AXLE TRUCKS

General Information: Tri-axle truck chassis that are dedicated CNG Fuel type with behind cab CNG tank cabinet/enclosure to be provided by Dane County. **Awarded Vendor to provide all equipment and all installation of below equipment – 4 units in total.**

#	Item/Description	Spec Compliance	
		YES	NO
1	TRUCK BOX WITH AUGER ASSEMBLY		
2	Body shall be versatile with the ability to be used as a dump body or as a spreader to allow material to discharge through the tailgate onto a spinner assembly by way of an integral center auger assembly. Body shall have a 43" side to floor radius and are Brake Formed		
3	The body shall be 16 feet in length, top inside width shall be 87 inches, and with the total outside width being 96 inches and have 56" High Sides with 62" Rear Height		
4	The body capacity shall be 12.06 cubic yards, water level full.		
5	The unit shall be continuously welded 100% throughout		
6	The Sides, Front and Tailgate are 3/16" AR 400 Steel		
7	Rear discharge only via Dual 7" Augers installed the length of the body		
8	The long sills, trough and understructure will be fabricated from 1/4" 201 stainless steel, 14" deep		
9	3/16" Stainless Steel Formed and boxed top-rail		
10	3/16" 201 Stainless Steel Rear Corner Posts with only one Oval Cut-Out for Recessed S/T/T Lights		
11	1/4" AR400 Floor Cover kit – MUST WELD TRUCK NUMBER ON BACK EDGE		
12	Body to have a True-Radius and be Completely Smooth on inside for free flow of material		
13	Full Body Length Fenders are Body Mounted and are 3/16" 201 Stainless Steel		
14	The front shall be sloped to accommodate a head lift cylinder with partial doghouse and conform to the radius of the body and shall be 100% welded on the inside and outside.		
15	Additional reinforcement will be provided by a 3/16" formed box section, placed at the rear of the spreader body and tied to two rear posts formed from 3/16" 201 Stainless steel. Together, they shall provide support at the rear of the body.		
16	The tailgate shall be a minimum of 6" higher than the sides of the body.		
17	The tailgate shall be manufactured from 3/16" Mild steel with a boxed perimeter of 10 gauge formed channels.		
18	The tailgate shall have a tapered with a low perimeter, having two horizontal braces of 10 gauge material full width of the tailgate.		
19	The tailgate shall have 1" bar stock tailgate hardware with 1-1/4" hardened pins		

Section 3 – Bid Specifications – Submit with Bid

20	The tailgate latches shall be 1" flame cut, with each latch being adjustable with threaded ¾" clevis and keeper pins.		
21	The latch shall be an over center type. Electric Over Air Operation with Cab Switch. Dual air tailgate latches (one on each side) with over center linkage. Pivot shafts include stainless steel bushings to eliminate seizing. Tailgate latch rods that extend the length of the body are not acceptable		
22	The body conveyor shall have dual 7" dia. variable pitch auger conveying system. The augers must be counter rotating to help prevent bridging of material. Must have ¼" AR400 Floor cover plate over augers for summer use.		
23	Each auger shall be driven at the rear by a 24.7 CIR hydraulic motor which is directly coupled to a 3.6:1 planetary gear case with 2.5" dia. shaft coupled to the end of the auger with a 7/8" cross bolt.		
24	Motor is directly coupled to end of auger shaft and the auger shaft connected at the front with a 2" 2 bolt flange bearing. Augers Must NOT go Past the Floor Length of Body – Augers are Flush with Rear Tailgate.		
25	The auger shafts must utilize a polyurethane bushing at both ends of each auger to eliminate seizing and ensure ease of maintenance.		
26	Rear auger drive motors shall have steel tubing motor guards.		
27	Rear augers shall have 4 paddle turning devices to enable manual movement of auger for lubrication and maintenance.		
28	Overhang and hinge arrangement must be determined at pre-build meeting with Dane County Highway		
29	Entire Hopper to be Covered by Bolt-On Top Screen to prevent Easy Entry into Body. Top Screens are to be Constructed of 3/8" Rod and have a 2-5/8" Square Openings Max. This will keep the "Chunks" from getting into the hopper. MUST WELD ON TRUCK NUMBER TO TOP SCREEN		
30	Grease Line Extension Kit for at the Front and the Rear of the Body		
31	Stationary receiver mount spinner style: 201 Stainless Steel Construction		
32	Spinner shall be mounted via means of two 2" stainless steel receiver tubes, with one tube located on each side of the spinner assembly. Spinner body to be manufactured from 12-gauge stainless steel material. There shall be three adjustable spinner deflectors, for directing material from the spinner disc. The material spread pattern shall be controlled by means of a center diverter located above the spinner disc, and with adjustment of the spinner body that is directed by holes drilled into the receiver mounts that can move the spinner assembly either forward or back of the conveyor. MUST WELD ON TRUCK NUMBER TO SPINNER ASSEMBLY		
33	The spinner motor shall be high torque/low speed mounted directly to the spinner disc with a cast hub.		

Section 3 – Bid Specifications – Submit with Bid

34	The spinner disc shall be 18" in diameter and manufactured of polyurethane.		
35	Mailhot series single acting hoist cylinder model G4120–5-3		
36	The hoist shall be of a telescopic design and have a trunnion mounting.		
37	The cylinder head and piston shall be of a "ductile" continuously cast iron, with a tensile strength of 60,000 PSI.		
38	The trunnion collar shall be oscillating.		
39	84" Wide X 20" Deep 10 Gauge Stainless Steel Cabshield Installed at Front of Body – 100% Welded to Body – Must have approx. 4" Clearance Above CNG Cabinet		
40	Stainless Swing-up ladder assembly mounted on left front corner of box and mounted to not get in the way of the tarp system.		
41	Conspicuity sheeting – Red/White Installed on Edge of Fenders Full Length of Body, Just below the Top Rail, Full Length of Body and the Entire Perimeter of the Tailgate at rear		
42	Rubber Splash Guards mounted in front of the Pusher and Behind the rear Drive Tires – To Be Removable and mounted with Spring Frame Mounted Brackets – Must have Storage ahead of Front Flaps for the Rear Flaps when Removed.		
43	Body to have No Light Cut-Outs – Use Light Boxes		
44	Fork and loop shovel holder – front wall of body		
45	Back-up Alarm		
46	DC-3200 Vibrator Kit Installed		
47	Blasted primed and painted to Match the Cab of the Truck		
48	Installed on Chassis and fully operational		
49	PREWET SYSTEM – 460 GALLON MINIMUM	YES	NO
50	Minimum Duel 230 gallon poly tank kit with 2" fill and stainless steel mounting hardware.		
51	Closed loop 10 gpm pre-wet pump and flow meter mounted in weather tight enclosure with stainless steel mounting plate and hardware		
52	Cross over kit connecting Left and Right Tanks for Even Draw		
53	Bulk fill kit installed at each tank and have 2" Female Banjo Coupler		
54	Flusher Kit Installed		
55	Tanks are mounted on top of Fenders and are Supported by a Minimum of Four Formed Channels – These are used for Fender Supports along with Tank Retention		
56	Quick disconnect for spinner mounted nozzles		
57	Three 2 g.p.m. nozzles mounted within the rear spinner assemble		
58	Prewet system to be assembled on the Truck		
59	Prewet System will be Tested and Delivered with RV Anti-Freeze		

Section 3 – Bid Specifications – Submit with Bid

60	REAR HITCH	YES	NO
61	1" Pintle plate with ½" Gussets 100% Welded to the Truck Frame		
62	Heavy Duty "D" Rings on each side of the Plate		
63	Chipper bar integrated into the 1" plate with access via a rectangular cutout in plate – Cross tube to be 1-1/2" solid round stock – Height provided by Dane County Hwy		
64	To be built and installed per Dane County Instruction at Pre-Build Meeting		
65	To have Heavy Duty Clevis Mounted on Each Side of the Pintle Plate and are used for Towing/Pulling if needed		
66	Plate to also incorporate Mounting Receivers for Rear Spinner Assembly		
67	Plate to be painted Black		
68	Factory Supplied Tail Lights to be Mounted on the Outside of the Rear Frame		
69	TARP SYSTEM – DUAL ARM SYSTEM	YES	NO
70	Roll Rite Tarpmaster TM500 front to back with electric tarp system with Aluminum Housing. Tarp to be Mounted off of the Body Mounted Fenders – Bolt-on with Stainless Steel Hardware		
71	Aluminum Bow kit with 45 Degree Offsets		
72	Aluminum Tension Bow kit with 45 Degree Offsets		
73	Asphalt Tarp Cover Kit		
74	Mounted on the cabshield out of the load space – Cabshield is Notched Out for this to Fit. To have a Full Hosing with open bottom for clean out.		
75	FRONT MOUNT PLOW	YES	NO
76	Monroe or Universal BH Series Plow 12' X 48" HDP power reversible snow plow or equal		
77	Plows to be able to be exchanged with the current Dane County Plows.		
78	12 ft. plow length		
79	48 in. plow height		
80	10 Gauge Roll formed steel moldboard		
81	Loop hitch, plow portion		
82	Heavy Duty Push frame, constructed with ½" thick steel and 112" long		
83	Eight (8) ½" ribs and Six (6) main hinge points		
84	A-Frame pivot pin is 2" minimum in diameter and run thru a total of 8¾" of bushing length.		
85	A-frame to support push frame pivot on 2-sides and is greaseable		
86	One (1) heavy duty 4" x 13" power reversing cylinder with 2" Nitrited Rod		
87	Live end of cylinder is to be equipped with a brass bushing and grease zerk for extended wear		
88	DXV cushion valve to protect reversing cylinder- mounted on front bumper		

Section 3 – Bid Specifications – Submit with Bid

89	Four (4) moldboard “extension type” trip springs made of 9/16” wire		
90	3/8” x 2½” x 2½” top angle with drainage holes		
91	Bottom angle (frog) is ¾” x 4” x 4” with reinforcing gussets (¼” x 4” x 7” every 12” on center)		
92	Plow is 100% fully welded		
93	No” cutting edge blade (lower angle will be pre-drilled for carbide cutting edges) To be drilled to standard AASHO hole spacing for 6” High carbide edges.		
94	Rubber snow flap, 3-ply, ½” thick x 12” wide x 12’ long		
95	Plow end markers, red cable type		
96	Adjustable crank type parking stand with storage mount		
97	Primed & painted highway orange		
98	One-year warranty on all parts & labor		
99	PLOW HITCH	YES	NO
100	Truck Portion of Pin & Loop style hitch or equal		
101	Fixed lift arm assy. (does NOT exceed more than 28”)		
102	3-7/8" OD - 3-1/2" Bore - 2" Rod & 10" stroke or 4" x 10" double acting lift cylinder		
103	Hitch is Bolted to ½” plate and can be easily removed along with Plow and Wings – Plow Hitch is Mounted off of the Wing Side Plates		
104	Custom hood stops installed on the front bumper if needed		
105	Hitch is bolted to front of truck not welded		
106	Must have Mounts for Screw-Jacks that will assist in the removal and storage of the removed equipment		
107	Set-up bumper so it can be remounted onto the chassis frame once the plow hitch is removed. Chassis will be supplied with Bumpers.		
108	Mounted & fully operational		
109	Primed, painted black		
110	One year warranty on all parts & labor		
111	DUAL 9’ WINGS – LEFT AND RIGHT	YES	NO
112	9’ Trip Edge Wing Moldboard		
113	Para-Glide or Uni-Tilt front wing post-less lift assy. – Must provide a Minimum of a 12” Float		
114	All hydraulic “No cables”		
115	9’ moldboard length		
116	30” moldboard height - Straight		
117	3/16” moldboard thickness		
118	Heavy duty trip cutting edge with individually replaceable trip edge springs – Trip Springs are Wire Springs.		
119	Eight ½” ribs, fully welded		
120	1½” main pivot bolt		
121	Heavy duty adjustable spring-loaded push arm with shear pin		
122	Floating link arm at the heel		
123	Double acting toe cylinder with 3½” bore and 2” Nitrided rod		

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124	Double acting 4" x 13" D-cell type heel cylinder with 2" Nitrided rod		
125	¾" x 4" x 4" lower angle or 1/2in x 3in x 4in Lower trip edge Angle Fully gusseted & pre drilled holes for carbide blades – No Cutting Edge Included. To be drilled to standard AASHO hole spacing for 6" High carbide edges.		
126	Safety chain at the toe		
127	Safety chain with rear stop		
128	Two (2) ¾" thick vertical connecting links		
129	Two (2) ¾" thick top horizontal floating links		
130	Two (2) 1" thick bottom horizontal floating links		
131	Four (4) 1½" link bolts with 10½" total bushing length and are fully greaseable. All greaseable area are to have hoses ran to a central location on top of the post to a stainless steel grease bank.		
132	All Cross Tubes for Link Bolts are also Fully Welded Are fully greaseable. All greaseable area are to have hoses ran to a central location on top of the post to a stainless steel grease bank.		
133	Grease Bank at Top of Post to include all Greaseable Cross Tubes, Link Arms and Pivot Bolts.		
134	Wing Post to mount to Side Plates or can be mounted to a cross tube		
135	3/8" x 4" x 6" rectangular rear tube assy.		
136	Custom front & rear cheek plates for Mounting Wings – Minimum ½" Plate		
137	Rear cheek plates with Underslung Rear Pusharm Mount – Removable for non-Winter Use – Side Plates are Slotted from the Bottom and Cross Tube Drops out from under the plates. MUST WELD ON TRUCK NUMBERS ON TUBE.		
138	Wing Lock valves – Heel and Toe Cylinders - installed		
139	Hoses & quick couplers with dust caps as needed		
140	Mounted & fully operational		
141	Moldboard is primed & painted highway orange		
142	Wing Stop Mounted under the Cab on Each Side and must have a Step Incorporated into Wing Stop – Must be Fully Removable. This Wing Stop will include a Rubber Bump Stop so it is not Metal on Metal – This Wing Stop will be mounted to the Truck frame and be adjustable in and out for future wear.		
143	One-year warranty on all parts & labor		
144	Dual 9' Front Mount Wings: (Left-hand & Right-hand Wings)		

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145	HYDRAULICS - Controls	YES	NO
146	Controls for all valve functions and electronic spreader control will be integrated into a single, self-contained control center. The control center shall be a padded armrest style that is ergonomically designed. Control center shall be modular in design for ease of installation and service, and wiring and connectors shall be keyed and color-coded throughout. All components must be durable for long life and trouble free operation.		
147	The electronic controller shall be a fully proportional multi-stick controller to operate all cylinder functions. Multi-stick PWM driver electronics shall include as standard the capability to control at least 9 proportional outputs simultaneously. The control will be a 4-stick configuration. Controls for spreader must be located on armrest at the operator's fingertips. There shall also be four auxiliary rocker switches available with an additional fifth switch being the main power switch for the spreader control. The switches shall be located between the joysticks and spreader control interface and each shall be rated for 15 amps continuous current minimum. Console options shall be capable of supplying full rated power to switch outputs when all four auxiliary switches are at full 15 amp load.		
148	Controls will be laid out from Left to Right: Left Wing, Plow, Right Wing and Hoist.		
149	For ease of operation the multi-stick control shall include the following features: LED-backlit nomenclature for all joystick functions and a momentary push-button at the top of the hoist stick to provide hoist-interlock. The "Hoist" decal shall be illuminated amber while disabled, and change to green backlighting when the driver engages the hoist interlock button. The green "Hoist" LEDs shall remain illuminated while the hoist is under operation and shall time-out after a period of hoist inactivity that is selectable from 0 to 15 seconds.		
150	The plow, wings, or other joysticks shall have the option to include a momentary pushbutton for activation of remote spreader standby, remote spreader blast, or electric joystick interlock. The multi-stick communication hardware/software shall include 4 integral float options. The use of add-on float modules is unacceptable. For flexibility of use the integral float programming shall have the following standard features (1-6 below):		
151	1. (4) axis functional float on any or all of the outputs with selectable forward/back, right/left functionality		
152	2. 3-way or 4-way functionality		
153	3. Selectable (3) second float delay timer		
154	4. Optional float enable switch inputs.		
155	5. When float output for a given joystick function is active, the LED-backlit nomenclature shall blink ON/OFF to provide visual feedback to the operator that the float function is engaged.		

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156	6. To ensure longevity of performance all lighting to be solid-state LED technology. The use of incandescent lamps or EL backlighting is unacceptable.		
157	*See the Dane County for Current Layout of Controls and Switches for these units.*		
158	All function joysticks shall be of contact-less Hall-effect design and offer up to a 5-Million cycle life. The use of potentiometers is unacceptable. To increase safety of operation, joystick communication hardware/software shall include the following standard features (1-7 below):		
159	1. Input power monitor circuitry with power quality diagnostics,		
160	2. Redundant dual-reference joystick signals for each joystick axis		
161	3. Joystick input off-center checking on all axes and output shutdown on system power-up		
162	4. Joystick out-of-range fault condition checking and output shutdown		
163	5. True outputs off with joystick centered		
164	6. LED-backlit nomenclature shall illuminate and flash RED when any error condition exists and an audible alarm shall sound.		
165	7. LED-backlit nomenclature shall blink ON/OFF with increasing frequency as the corresponding function is increased in speed to give the operator visual feedback of each joystick output.		
166	Multi-stick control shall communicate all joystick data over the spreader control CAN bus. For ease of service and diagnostics the multi-stick control shall have the following easily accessible through the spreader control calibration menus:		
167	Unique MIN/MAX adjustments for each joystick function (forward, back, left and right)		
168	On-screen output status indicators for each PWM output		
169	Audible and visible output error status indicators with flashing error codes for each joystick function		
170	The multi-stick control joystick outputs shall be communicated over the spreader control CAN bus to the Valve Module. Spreader control outputs and joystick control outputs shall be operated on the same Valve Module, or multiple modules as necessary.		

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171	<p>The electronic spreader control shall be designed for precise, closed-loop control of granular and prewet liquid applications and operate on a CAN Bus protocol. The Central Processing Unit (CPU) shall have keyed and color coded connections to prevent incorrect installation. The CPU shall be mounted in the cab with visual access to diagnostic LED's. Mounting of the CPU unit outside of the cab is unacceptable. The unit shall have USB connectivity for file and data transfer, Ethernet connection, a J1939 communication port for connection to the vehicle bus, a second CAN bus communication port for spreader-only data use, a J1708 connection for a road and air temperature sensor, and a RS-232 connection for AVL communication. The CPU shall have on-board diagnostics, which provide real-time status of CAN bus communication, processor activity, and power status. The CPU shall have a built-in audible alarm for diagnostic purposes. The CPU operating system shall NOT be Windows-based.</p>		
172	<p>The spreader control interface shall have two, color-coded, continuous rotation encoders for granular and spinner control. These encoders shall have integrated push buttons for blast mode and stand-by. The controller shall have a third multifunction 4-way joystick that has an integrated rotary encoder and push button, that can be used for menu navigation, prewet liquid control, or an additional conveyor function. There shall be four, two-way soft keys included in the interface that are generically-labeled and user-configurable for different functions depending on the equipment needs. The controller shall also utilize USB technology that is capable of using a Supervisor key to provide access to the calibration parameters without the access code. The entire operator interface shall be backlit and encased in flexible silicone material with wear-limiting coating applied to the base silicone material. The operator interface shall communicate on the spreader control system CAN bus. The use of an LCD touch screen to change spreader function settings while driving is unacceptable.</p>		
173	<p>The spreader control display shall be a remotely-mounted, 10" diagonal color TFT LCD with capacitive touch and a low-profile 16:9 widescreen format and minimum of 1024X600 pixel resolution. LCD shall have variable LED backlighting. CCFL backlighting is unacceptable. The display shall include a scratch-resistant polycarbonate lens with anti-glare coating. Display unit shall have a built-in audible alarm. To avoid driver distraction, the display shall have no integrated dials or pushbuttons. Display shall communicate on the spreader control system CAN bus.</p>		

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174	<p>The operator menus shall be color-coded to match the encoder knobs on the operator interface. The display shall be capable of displaying the following on-screen simultaneously: Granular material name, granular material set point and actual application rate including units of measure, prewet liquid name, prewet liquid set point and actual application rate including units of measure, spread width, road temperature, air temperature, material usage total, liquid usage total, vehicle speed, and current date and time. The operator shall have the option of selecting five data items to be displayed onscreen during operation. The display will also provide four warning light indicators for low oil level, body up, oil temp, and filter bypass. These warning lights are to be functional regardless of spreader operation or status.</p>		
175	<p>The display shall have integrated antennas for GPS and cellular communication. Cab mounted antennas are unacceptable. The display shall be capable of communicating wirelessly with road and air temperature sensors.</p>		
176	<p>A proportional PWM driver and input module (Valve Module) shall be remotely-mounted inside the hydraulic valve enclosure for control of both spreader control and joystick control outputs. The entire Valve Module shall be of rugged design for the mobile environment, and must meet IP68 requirements for dust and water ingress. The Valve Module shall include a minimum of ten proportional PWM outputs with potted valve output connections. All outputs shall be protected against short-circuits. Outputs shall be current-compensated and have adjustable PWM frequency. There shall be a minimum of five switch-to-ground type inputs for monitoring hydraulic system inputs such as oil level, body up, High and Low filter bypass, and oil temperature warnings. A minimum of two switch-to-ground type pulse train inputs shall be included in the Valve Module for connection of feedback sensors such as auger feedback and prewet liquid flowmeter feedback. A keyed and color-coded connection shall be provided for CAN bus connection to the CPU module inside the cab. A second CAN bus connection must be provided for daisy-chaining of multiple Valve Modules within the valve enclosure. Diagnostic LED's shall be included for every input and output on the Valve Module, as well as a power status LED and CAN bus activity LED's. The Valve Module shall be potted.</p>		

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177	The integrated spreader control and joystick control system shall be equipped with a qualified ESTOP device that immediately disconnects battery power from all outputs. All spreader control and joystick-operated outputs shall immediately cease to function and the system display shall inform the operator that the ESTOP device has been activated. The ESTOP device must remove power from all output devices, while maintaining power to the display and CPU for diagnostic purposes. Resetting of the ESTOP device shall not result in spreader control and joystick-operated outputs returning to an ON state without operator acknowledgement.		
178	The control shall be equipped with a pressure actuated “plow up” sensor mounted to the hydraulic valve module (hypac part # 922334).		
179	The Control Center shall be a FORCE America Patrol Commander MPJC Ultra series with a 6100 model spreader control number MPJC-6100-4-GEN5-ULTRA		
180	HYDRAULIC PUMP	YES	NO
181	The hydraulic pump shall be a variable piston pump and flow compensated load-sensing type. The pump shall be cast iron construction and rated to 5.61 cubic inches per revolution at maximum stroke which will deliver 27.0 gpm @ 1200 rpm. The pump shall have a 2” inch suction line and a ½” control drain line plumbed directly back to the reservoir. The pump shall be rated for 5800 PSI maximum and 4800 PSI continuous. The pump shall have a DIN 14 – 8 x 32 x 35 Spline shaft and DIN 5462 4-Bolt mounting flange. The pump shall be a Force America TXV-92 Series Pump.		
182	Hot Shift Power Take Off will be directly mounted to the transmission of the truck with on/off switch mounted in the Arm Rest Control. The PTO will need to be Sized for the TXV-92 Pump for Proper Speed Ratio Percentage for equipment in this package.		
183	Pump will be properly supported to the PTO and Transmission per Manufacturers Recommendations.		
184	HYDRAULIC RESERVOIR	YES	NO
185	Stainless Steel Hydraulic Oil Reservoir Mounted Between the CNG Box and the Front of the Body and Include the following (1-12 below):		
186	1. Dimensions to be Maximum dimensions to be 38” High X 9” Deep X 34” Wide		
187	2. Constructed of 7 Gauge Stainless Steel		
188	3. Basket type filler breather cap		
189	4. ¾” Magnetic drain plug		
190	5. 2” x 2” male external mount NPT suction strainer w/100-mesh screen type filter w/3 PSI bypass		
191	6. Separate return port for case drain line		
192	7. 5” Sight temperature gauge externally mounted		
193	8. In-tank return line filter – Cartridge Type		

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194	9. PS-25-WP weather pack connector style 25 psi pressure switch no exceptions		
195	10. B4030N-93NR-NC oil level temp sender		
196	11. ATF Fluid for Hydraulic System		
197	12. The hydraulic reservoir shall be equipped with an electric level or level/temperature sending unit to be wired to a panel and back lit for designated warning.		
198	Hydraulic oil filter shall be mounted in the reservoir. Hydraulic filter shall be a 16-micron absolute and rated for no less than 60 GPM. Filter shall be a TEF31016VG16SP-UG60E115 or prior approved equal. The filter will come with both a visual and electrical bypass indicator PS-25-WP. The electrical indicator shall be wired to a warning light in the Patrol Commander Ultra control center.		
199	There shall be a high-pressure filter plumbed between the hydraulic pump and the control valve assembly. The hydraulic filter shall be a 25-micron absolute and rated for 6000 psi. The filter shall be a HP17125VG30EPUG5S2AE7050P or a prior approved equal. The filter shall be equipped with a visual and electrical bypass indicator. A warning light and buzzer shall be mounted in the cab and wired to the electrical indicator. The electrical indicator shall be wired to a warning light in the MA control.		

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200	HYDRAULIC VALVE	YES	NO
201	The hydraulic valve and valve enclosure mounted in front of grill. The hydraulic valve shall be of modular manifold design. Each hydraulic function requires an individual manifold stacked together to form the manifold base. The manifold base shall consist of an inlet section with SAE #16 inlet porting, SAE #20 outlet porting, and SAE #4 load sense porting. There shall be a main system relief in the inlet section to protect the system from high pressure in case the pump compensators fail. The dump body manifold shall be stacked next to the inlet section, and capable of 40 GPM with SAE #12 porting. The hydraulic control valves shall be pulse-width modulated, proportionally controlled. Each hydraulic valve segment shall be individually mounted to the manifold base assembly and be serviceable without removing any hydraulic hoses or any other hydraulic valve segments. Each hydraulic valve segment shall have individual pressure compensation to achieve independent simultaneous operations. All segments shall have heavy-duty continuous duty coils and connections shall be with Din connectors. All coils shall operate at 12 VDC and require a maximum of 1400 mille-amps. Each segment shall be equipped with a manual override except for the auger and spinner sections. The dump body segment shall be rated to 40 GPM, with all other segments rated to 20 GPM. If a double acting hoist is utilized, the dump body segment shall be equipped with a down side relief to protect the body down function. This relief shall be set to the hoist manufacturer's specifications. Valve segments shall be Add-A-Fold® model. The valve is to be arranged as follows (1-10 below):		
202	1. Hoist 4-way with 500 PSI down side work port relief valve		
203	2. Plow lift 4-way		
204	3. Plow angle 4-way		
205	4. Right Wing toe 4-way		
206	5. Right Wing heel 4-way with 1500-psi (A) port relief valve		
207	6. Left Wing toe 4-way		
208	7. Left Wing heel 4-way with 1500-psi (A) port relief valve		
209	8. Auger 4-way		
210	9. Spinner - 4-way		
211	10. Liquid 2-way		
212	The wing heel and toe cylinders will be equipped with an anti-drift "Wing Lock" device to prevent the wing from settling.		
213	Online training program shall be available for all Hydraulic parts and for the spreader controls. Calibration and operation instructions shall be made available online at no additional charge.		
214	LIGHTING AND ELECTRICAL	YES	NO
215	Switch Panel will be a Force America In-View Armrest Mounted Switch Panel and will have room and switches for Ten Functions – One Switch to be a Three-Way Momentary Switch.		
216	All Body Lights to be L.E.D.		

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217	(2) L.E.D. Whelen Century Series Mini Light Bar MC16PA		
218	Light Bars mounted on Cabshield with Self-Leveling Bracket with Swing Limit Brackets – Mounted outward as far as possible – mounted high enough to see over the Tarp.		
219	Stainless Steel Double Light Boxes mounted facing the rear and have Whelen 5VA02ZAR L.E.D. Strobes in all (4) Four Cut-Outs – Mounted up as High on Side Post as Possible		
220	Install L.E.D. License Light and License Plate Mount on front of truck		
221	L.E.D. Stop/Turn/Tail/Backup Combo Lights recessed down low in each rear post.		
222	A pair of Whelen VTX609A L.E.D. Strobes mounted on the Front Corner of the Body Mounted Fenders – Must have Guard to Prevent “Flash” in Mirrors		
223	A pair of Whelen VTX609A L.E.D. Strobes mounted on the sides of the Stainless Steel Light Boxes to be visible from the side – Must have Guard to Prevent “Flash” in Mirrors		
224	Two (2) 2000 Lumen Clear L.E.D. Back-Up Lights mounted under each Stainless Steel Light Box and be Wired Into Back-Up Lights – Exact Locations to be Determined at Pre-Build with Dane County - ST2000 Series Lights		
225	One (1) 2000 Lumen Clear L.E.D. Wing Light Mounted on Each Side of the Chassis – Exact Location to be Determined at Pre-Build with Dane County - ST2000 Series Lights		
226	One (1) 2000 Lumen Amber L.E.D. Spinner Light Mounted at Rear Drivers Side Corner – Exact Location to be Determined at Pre-Build with Dane County – ST2000 Series Lights		
227	Whelen L.E.D. Wing Light System installed on each wing on Discharge End of Moldboard – Wiring to be Secured in stainless tubing bolted down to Backside of Moldboard. Must be 5VA02ZAR		
228	Install proximity sensor to the toe operation of the wing to turn wing lights on and off also tied into the Precise for wing up and down detection		
229	Plow Lights to be Mounted on Stainless Steel Hood Mounted Plow Light Brackets. Brackets are to be mounted in a manner that the plow lights are mounted above but in-line with the factory lights.		
230	Plow lights will be ABL 3800 Series L.E.D. and are Heated. Plow lights are wired into the Chassis provided wiring and dash mounted switch		
231	All Lights and Reflectors to meet FMVSS 108 Standards. Must have Three-Bar Clearance Lights at Rear, Corner Markers and S/T/T & Backup Lights.		
232	Successful Upfitter will Supply all Required Lighting and Electrical		
233	Body Wiring Harness to be one-piece design and all wiring to be soldered and heat shrank – NO SCOTCH LOCKS		
234	No Single Strand wiring. All wiring must be jacketed.		

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235	All body wiring to run through a junction box mounted at the rear of the truck. Junction Box to be Truck Lite 50600 with Compression Type Connections for a Water Tight Seal		
236	All Warning Lights are to be Hard Wired - No Weather Packs		
237	All Electrical Connections to have Di-Electric Grease		
238	Must have an Engineered Drawing of all Auxiliary Wiring added to the chassis and where it ties into the Force America System.		
239	Conspicuity sheeting – Red/White Installed on Edge of Fenders Full Length of Body, Just below the Top Rail, Full Length of Body and the Entire Perimeter of the Tailgate at rear		
240	INSTALLATION ONTO TRUCK CHASSIS	YES	NO
241	Install all truck equipment in this specification on the Dane County owned and supplied truck chassis. These Chassis are Fully Dedicated CNG Fuel Trucks. The truck chassis will be located at 2302 Fish Hatchery Rd., Madison, WI. Awarded vendor to pickup truck chassis and equipment from Dane County and then delivered upon completion back to 2302 Fish Hatchery Rd.		
242	Vender to provide and Install all Hoses and fittings to complete the hydraulic system. This includes gates hoses with Swivels on both ends, Quick Couplers, ATF Dextron III Oil for System and Dust Covers for all Male/Female Couplers. Provide stainless steel lines to the back of the truck for the spinner, auger, and prewet. Stainless steel lines to be as long as possible with short wip hoses. The stainless steel lines must be placed as close to the frame as possible and must not inhibit everyday service.		
243	Successful vendor will need to provide all Bolts/Nuts/Etc, Hose Wrap, Hoses, Fittings, ATF Dextron III Oil, Shop Supplies, Paint, etc. to complete the installation of all said equipment.		
244	First Truck will need to have a Pre-Build Meeting, a Mid-Build Pilot Inspection, A Final Inspection before Paint and a Final Inspection.		
245	The vendor will pick up and deliver the trucks for warranty work.		
246	Work to be completed before October 15, 2019		
247	ALTERNATE TRUCK BOX WITH CONVEYER ASSEMBLY	YES	NO
248	16'Radius Dump Spreader Body or equal		
249	87" top inside width, 96" outside width, Overall 56" side height		
250	Front cabsheild weldment – Full width x 36" deep		
251	3/16" steel body		
252	AR 400 sides		
253	Rear discharge only		
254	201 Stainless steel long members and rear corner post		
255	¼" replacement floor with 3/16" removable chain shields		
256	¼" AR400 Floor Cover kit		
257	Formed and boxed top rail		
258	¼" A569 12" deep longills with formed crossmembers		

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259	28-34" wide conveyer with two 6:1 spur gearboxes		
260	One speed sensor installed for closed operation		
261	8 tooth sprockets keyed to 2" drive and idler shafts		
262	Air tailgate release in-cab control		
263	Double acting rectangular tailgate with boxed perimeter		
264	108 light group assembly and stop/turn and tail lights		
265	Receiver tube style rear spinner assembly with top mounted motor – poly disc, No bottom mounted motors accepted		
266	Dual body props		
267	Full length fenders- stainless steel		
268	Rubber flaps behind the rear drives		
269	Front telescopic hoist		
270	Mailhot series single acting hoist cylinder model G4120 – 5-3		
271	Fork and loop shovel holder – front		
272	Back-up Alarm		
273	Body up light		
274	Blasted primed and painted		
275	Installed		

BID SPECIFICATIONS

PATROL TRUCKS

General Information: Trucks are Freightliners and are CNG Dedicated Fuel Type with Behind the Cab Tank. **Some equipment/parts will be supplied by the vendor (see Specs 303 - 353).** Equipment and Hydraulics to be installed will be supplied by Dane County.

#	Item/Description	YES	NO
276	Bibeau 10' Single Axle Dump Body with Mailhot Telescopic Hoist, Cradle, Body Prop Kit and Rear Hinge Kit.		
277	This Body will have the Cabshield, Air Trip Tailgate Cylinder and Hardware Included but not installed on the body. The Air Trip Mechanism will need to be modified with parts supplied by Dane County Direction.		
278	Roll-Rite TarpMaster 300 Series Tarp System with Dual Arm Kit		
279	Swivel Ladder with Mounting Kit with all Mounting Hardware		
280	Rear Pintle Plate with Light Cut-Outs and Pre-Drilled for Pintle Hook.		
281	Custom Cheek-Plate Kit for Installation of Plow Hitch and Wing Posts includes Mounting Gussets – Will Not Use Universal Provided Stock Plates		
282	Universal Truck Portion Plow Hitch, Lift Cylinder, Uni-tilt Wing Post and Universal Trip Edge Wing Moldboard with Single Pusharm and Mounting Kit. *** Three Trucks will have Left and Right Wing Kits (Dual Wings) and Two with Just have Right Side Wing Kits.		
283	The Rear Wing Mount will be an Under Slung Style with Side Plates that are Frame Mounted. These will require Modification by installer for Ease of Removal for Summer Use.		
284	Universal BH Curl Plow with Cushion Block, Plow Portion Hitch, Rubber Snow Deflector Kit and Marker Kit		
285	Monroe Under Tailgate Spreaders with Dual Spinner Kits for Each Truck. These may need to be modified to fit Bibeau Body		
286	Monroe Pre-Wet System with 120 Gallon Between the Body/CNG Tank. Will have a Full Width Cradle that will be Used for the Pre-Wet Tank Mounting and Hydraulic Oil Reservoir Mounting. This is a Full Hydraulic Pre-Wet System and will include Bulk-Fill Kit, Flusher Kit and Mounting Hardware for Enclosure		
287	Force America PAVC100 Front Mounted Pump with Drive-Line Kit – Will also include the High-Pressure Manual Shut-Off Valve and High Pressure Filter Kit – Dane County will also Supply the Pump Mounting Bracket – Will be a Bolt-on Style Bracket		
288	Force America Ultra 6100 Gen4 In-Cab Control Console with Monitor, Arm-Rest Stand that is Floor Mounted, In-View Switch Panel and all Mounting Hardware		
289	Force America Add-A-Fold Style Valve		
290	* Valve will be installed into a Valve Enclosure that is Built by Dane County and will mount via Brackets off of from side plates		

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291	* All Valve Drivers and Wiring from Force America that are required to operate the controls for each function		
292	* All Cables, External Rate Sensor for Auger, Programming, Etc. will be Supplied by Dane County Highway		
293	* A Hydraulic Drive Broom Circuit will be on Two of the 5 Trucks		
294	45 Gallon Hydraulic Oil Reservoir with In-Tank Filtration, External Mounted Temp/Level Gauge, Suction Strainer, In-Tank Sending Unit for Temp and Level, Breather Cap and has all Required “Bungs” for Plumbing Hydraulics. This will come with a Spring Style Mounting Kit that is all supplied by Dane County.		
295	Road Temp Sensor kit will be supplied with all required cables to tie into the 6100 Ultra System		
296	Precise GPS/AVL with Installation Kit, Antenna, Cabling and Mounting Kit.		
297	Plow Sensor Kit for Recording when Plow is Up or Down		
298	Self leveling lights installed in Stainless Steel Boxes located at the rear of the box – Boxes will also have a Side Mounted Surface Strobe – All Brackets are Supplied with this Kit.		
299	Double Stainless Steel Light Boxes with Dual Stop/Turn/Tail Lights that Double as Back-Up Lights when Put in Reverse – These will also include the Cut-Out and L.E.D. Outer Clearance Light		
300	Pintle Plate Mounted Light Kit – Two S/T/T and Two B/U L.E.D. Lights – This is a Compete Kit with all the Lights and Mounting Boxes/Brackets.		
301	Electric Brake Control with 7-Way RV Style Trailer Plug Kit		
302	A List of Items that will need to be installed on each Truck will be set up by Vehicle Fleet Number.		
303	AWARDED VENDOR WILL NEED TO SUPPLY THE FOLLOWING AND INSTALL DANE COUNTY SUPPLIED EQUIPMENT DESCRIBED ABOVE PER COUNTY INSTRUCTION		
304	Install the Cabshield onto the body in a Manner that the Tarp will mount through the Side Plates on top of Cabshield – Cabshield to have a Minimum of 4” Clearance from CNG Tank Enclosure		
305	Install Electric Tarp System with Dual Arm Kit – will need to be set up so Second Tarp Arm prevents the Tarp from Billowing when deployed		
306	Tarp Wiring to Run Through the Top Rail of the Dump Body and out thru the Rear Pillar of the Dump Body. This will run to an access panel on the rear post. This wiring will need to run thru a Stainless Steel Tube installed the full length of the top rail. This tube will also have the wiring for the Cabshield Mounted L.E.D. Light Bars, One Each Side and also the Grease Lines for the Tarp Pillow Blocks. It is also required to weld stainless steel tube up front of body and across the bottom of the cabshield in order to keep all wiring secured and protected. All Wiring to be “ONE-PIECE” from Function to Junction Box or Switch/Breaker.		

Section 3 – Bid Specifications – Submit with Bid

307	<p>Install Monroe Tailgate Spreader at the Rear of the Bed. This includes any modifications that will be needed to fit the Bibeau Dump Body. Mounting kit will be supplied by the County. Vendor will need to manufacture and install full height stainless steel External Mounted tailgate shields / tailgate prop that locks into lower tailgate pin latch assembly – These are to be built so no salt will interfere with the tailgate latch finger and are tight against the trough. You will also need to Install the Supplied Inner-Tailgate Shields. Inner Tailgate shields will be bolted through the tailgate. This will require going through the inner and outer tailgate panels so a tube will need to be welded between the two surfaces to prevent tailgate from crushing when tightened down. This will all need to be done before the body goes to blast and paint.</p>		
308	<p>(2) fork and loop style shovel holders located on the front Bulkhead area - passenger side</p>		
309	<p>Supply and Install Fleet Engineering Poly ¼ Fenders ahead of rear wheels – Frame Mounted</p>		
310	<p>Rubber rear flaps behind rear drives hung with Fleet Engineering Spring loaded style square stock flap hangers</p>		
311	<p>Install Dane County Supplied Swivel Style Ladder on side of the body – Passenger side.</p>		
312	<p>Install the Mailhot Hoist Package with Hoist Saddle, and Body Prop Kit. Hinge to be placed per Dane County Instruction. Strap to be welded across inside of box bolts so that bolts work loose. Also install one run step inside of box.</p>		
313	<p>After all items have been added to the body and holes drilled, etc., It needs to be completely Sand Blasted, Primed and Painted to match the cab of the truck. This includes the inside of the body 18" Below the Side Height, Cabshield, Understructure, Ladders, etc., Primed and Painted to Match the Cab. After Body is installed on Chassis it will need to be Undercoated.</p>		
314	<p>Body will be then installed on the chassis and mated to the hoist and must be 100% Welded to the Rear hinge.</p>		
315	<p>Install the County supplied rear pintle plate at the rear of the truck frame. This will need to be 100% welded to truck frame. This will also require the installation of the pintle plate light kit with S/T/T and B/U Lights.</p>		
316	<p>Poly Pre-wet Tank and Full Width Stainless Steel Cradle to be mounted between the body and the CNG Tank. The 120 Gallon Tank will be mounted on the driver side of the truck over as far as possible. The Pre-Wet Enclosure with Hydraulic Driven Pre-Wet Pump will be mounted on the Driver Side Below the Tank off of the Cradle. Will need to Install the Flusher Kit and 2" Female Bulk Fill On Driver Side.</p>		
317	<p>On the Passenger Side of the Pre-Wet Cradle, The 45 Gallon Stainless Steel Hydraulic Reservoir will be installed. It will need to be mounted on top of the Cradle and be Spring Mounted. A Dane County Supplied ¼ Turn Ball Valve will be installed at the bottom of the tank for Suction Port.</p>		

Section 3 – Bid Specifications – Submit with Bid

318	Hydraulic Valve will need to be installed at the front of the truck between the two plow/wing side plates. This will have a Valve Enclosure that is provided by Dane County.		
319	Front Mount Pump will need to be installed between the front frame extensions. Dane County will provide the Pump, High Pressure ¼ Turn Ball Valve. Pump Mounting Plate and Drive-Line kit. You will also need to install the High Pressure Filter as Close to the Pump as Possible.		
320	Install Force America Ultra 4 Stick Joystick Control with 6100 Spreader Control (Gen4 Systems) in the Cab per Dane County Instruction. This will also include the installation of the InView Switch Panel off of the floor mounted control stand. All Control Boxes will be mounted in the cab and mounted in a manor that it is easy to service in the future.		
321	Install County supplied AVL/GPS from Precise. This will include the plow sensor kit.		
322	Stainless Steel Hard-Lines are to be used for the Spreader and Pre-Wet Hoses with Short Wip Hoses		
323	Provide and Install all Hoses and fittings to complete the hydraulic system. This includes gates hoses with Swivels on both ends, Quick Couplers, ATF Oil for System and Dust Covers for all Male/Female Couplers. Provide stainless steel lines to the back of the truck for the spinner, auger, and prewet. Stainless steel lines to be as long as possible with short wip hoses. The stainless steel lines must be placed as close to the frame as possible and must not inhibit everyday service. Two of the Trucks will need to be plumbed for the Broom Circuit with Coupler mounted out Front off of the plow hitch.		
324	Install the Custom Side Plate Kit for the Front Mount Plow Hitch and Wings. Bolted to the frame but welded as a structure. Must be triple passed welded. One root pass and two cover passes (top and bottom). Will need to be fully gusseted to prevent “Racking” of the Hitch. Must be triple passed welded. One root pass and two cover passes (top and bottom). The Truck Portion Plow Hitch will also be Bolted to the Front Plate. This will all need to be removed and painted once the structure is completed. It will then need to be reinstalled on the truck frame.		
325	Install the Wings as needed per truck (Two Trucks with Single Wings and Three with Dual Wings) This Wings will be mounted in a manner that they can be easily removable if needed by unbolting brackets. This installation will also require the rear cross tube for the rear push-arm mount. This will need to be modified so that the tube will drop out of the bottom for non-winter use. The plates are to be slotted and the cross tube will be bolted to the side plates. Side plates are bolted to the truck frame. The rear cross tube will also have a Pipe Brace to the truck frame on each side for added gussets.		

Section 3 – Bid Specifications – Submit with Bid

326	Build Wing Stop Mounted under the Cab on Each Side and must have a Step Incorporated into Wing Stop – Must be Fully Removable. This Wing Stop will include a Rubber Bump Stop so it is not Metal on Metal – This Wing Stop will be mounted to the Truck frame and be adjustable in and out for future wear.		
327	Install the Plow onto the Truck and test for full function and needed clearance. This will include installing the Cushion Valve that is provided by Dane County		
328	Weld on Truck Numbers for the Spreader, Spinners, Tailgate Shields, Front Plow Hitch, Under Slung Cross Tube, Cross Tube Pipe Braces and Wing Stop Kits (If there are Left and Right to any of these items, they will need to have an “L” or “R” after the truck number to designate what side it gets installed on.		
329	All Body Lights to be L.E.D.		
330	(2) L.E.D. Whelen Century Series Mini Light Bar MC16PA Supplied by Vendor		
331	Light Bars mounted on Cabshield with Self-Leveling Bracket with Swing Limit Brackets – Provided by Vendor - Mounted outward as far as possible – mounted high enough to see over the Tarp.		
332	One (1) 2000 Lumen Clear L.E.D. Wing Light Mounted on Each Side that a wing is installed on – Exact Location to be Determined at Pre-Build with Dane County - ST2000 Series Lights – Vendor Provided		
333	Two (2) 2000 Lumen Amber L.E.D. Spinner Light Mounted on each side of body at the rear corner post – Exact Location to be Determined at Pre-Build with Dane County – ST2000 Series Lights – Vendor Provided		
334	Whelen L.E.D. Wing Light System installed on each wing on Discharge End of Moldboard – Wiring to be Secured in stainless tubing bolted down to down Backside of Moldboard. Must be 5VA02ZAR – Vendor Provided		
335	Plow Lights to be Mounted on Stainless Steel Hood Mounted Plow Light Brackets. Brackets are to be mounted in a manner that the plow lights are mounted above but in-line with the factory lights. To have a Three Point Mount and be Rubber Mounted – Vendor provided		
336	Plow lights will be ABL 3800 Series L.E.D. and are Heated. Plow lights are wired into the Chassis provided wiring and dash mounted switch – Vendor Provided		
337	All Lights and Reflectors to meet FMVSS 108 Standards. Vendor will need to make sure that there is “Three-Bar” at the rear of the truck and have all required clearance lights. Dane County Will be Supplying S/T/T and B/U Lights for the Body and for the Pintle Hitch at Rear		
338	Install the Rear self leveling Strobes with Stainless Steel Brackets on the Rear Post of the Dump Body. These will also have side strobes mounted on them and will all need to be wired into the strobe switch in the cab. These will need to be drilled and tapped before the body is blasted and painted		

Section 3 – Bid Specifications – Submit with Bid

339	Install L.E.D. License Light and License Plate Mount on front of truck – Vendor Provided		
340	Supply and Install Body Wiring Harness. This is a one-piece design and all wiring to be soldered and heat shrank – NO SCOTCH LOCKS		
341	Supply all Body Wiring and Installation. All body wiring to run through a junction box mounted at the rear of the truck. Junction Box to be Truck Lite 50600 with Compression Type Connections for a Water Tight Seal		
342	All Warning Lights are to be Hard Wired - No Weather Packs		
343	No Single Strand wiring. All wiring must be jacketed.		
344	All Electrical Connections to have Di-Electric Grease		
345	Must have a Custom Engineered Drawing of all Auxiliary Wiring added to the chassis and where it ties into the Force America System.		
346	Install and Supply Conspicuity sheeting – Red/White Installed on Edge of Fenders Full Length of Body, Just below the Top Rail, Full Length of Body and the Entire Perimeter of the Tailgate at rear		
347	Successful vendor will need to provide all Bolts/Nuts/Etc, Hose Wrap, Hoses, Fittings, ATF Dextron III Oil, Shop Supplies, Paint, etc. to complete the installation of all said equipment.		
348	Truck to go through a Quality Control Phase and have all function tested, including the Pre-Wet system that will need to be shipped with RV Anti-Freeze.		
349	First Truck will need to have a Pre-Build Meeting, a Mid-Build Pilot Inspection, A Final Inspection before Paint and a Final Inspection.		
350	*** Must View Existing Trucks in Fleet and Review Chassis in Order To Bid ***		
351	Install all truck equipment in this specification on the Dane County owned and supplied truck chassis. These Chassis are Fully Dedicated CNG Fuel Trucks. The truck chassis and equipment will be located at 2302 Fish Hatchery Rd., Madison, WI. Awarded vendor to pickup truck chassis and equipment from Dane County and then delivered upon completion back to 2302 Fish Hatchery Rd.		
352	The vendor will pick up and deliver the trucks for warranty work.		
353	Trucks to be completed by August 31, 2019		

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.

#	Tri-Axle Equipment and Installation	Price Per Truck	Quantity	Total Price
P1	Provide Completed Tri-Axle Snow Plow Truck in accordance with the aforementioned specification:	\$	4	\$
P2	Change in price if alternate truck box with conveyer assembly is used in lieu of truck box with auger assembly.	\$	4	\$
P3	Deduct if Dane County moves trucks and equipment to the vendor (lump sum amount):	\$		
P4	Delivery Time ARO: 2303 Fish Hatchery Road Madison, WI 53713			

#	Patrol Truck (Tandem-Axle) Equipment and Installation	Price Per Truck	Quantity	Total Price
P5	Construct and provide completed Patrol Truck in accordance with the aforementioned specification:	\$	5	\$
P6	Deduct if Dane County moves trucks and equipment to the vendor (lump sum amount):	\$		
P7	Delivery Time ARO: 2303 Fish Hatchery Road Madison, WI 53713			

#	Future Pricing – Tri-Axle Truck Build Only		
	If awarded, the vendor will maintain the same pricing for the following years.		
P8	Year 2020	YES	NO
P9	Year 2021	YES	NO
P10	Year 2022	YES	NO
P11	Year 2023	YES	NO

Section 4 – Price Proposal – Submit with Bid

#	Optional Equipment	Unit Price
	Additional items/options – if you would like to have any additional items or options considered in connection with this bid, please indicate the specific item and cost within the space provided here.	
P12		\$
P13		\$
P14		\$
P15		\$
P16		\$
P17		\$
P18		\$
P19		\$
P20		\$
P21		\$
P22		\$
P23		\$
P24		\$
P25		\$
P26		\$
P27		\$
P28		\$
P29		\$
P30		\$
P31		\$
P32		\$
P33		\$
P34		\$
P35		\$
P36		\$
P37		\$

**EQUIPMENT INFORMATION – Tri-Axle Trucks
MUST BE COMPLETED**

SNOW PLOW, POWER REVERSIBLE FOR HIGH SPEED PLOWING			
1	Make & Model:		
2	Weight (lbs.):		
3	Moldboard	Height (inches)	
		Length (feet/inches)	
		Steel Thickness (inches)	
		# of Vertical Ribs	
		Vertical Ribs Welded?	YES
4	Safety-Trip:		YES NO
5	Factory Level Lift:		YES NO
6	Number of Springs:		
7	Degree of Swing:		
8	Hydraulic Rams	Quantity	
		Cylinder Size	
		Piston Rod Size	
9	# of Hinge Points between Moldboard and Table:		
10	Specification Deviations?		YES NO
11	Warranty:		
12	Warranty Work Vendor and Contact Info:		

SNOW PLOW, WINGS		
13	Make:	
14	Model:	
15	Weight (lbs.):	
16	Moldboard	Gauge
		End Height
17	# of Vertical Ribs:	
18	Specification Deviations?	YES NO
19	Warranty:	
20	Warranty Work Vendor and Contact Info:	

PRE-WET KITS		
21	Make:	
22	Model:	
23	Warranty:	
24	Warranty Work Vendor and Contact Info:	

HYDRAULICS AND CONTROLS		
25	Make:	
26	Model:	
27	Warranty:	
28	Warranty Work Vendor and Contact Info:	

DUMP BODY / HOIST				
29	Dump Body	Make:		
		Model:		
30	Hoist	Make:		
		Model:		
31	Approx. Weight (body/hoist) (lbs.):			
32	Delivery Time (Calendar Days from ARO):			
33	Dump Body	Capacity (cu. yds):		
		Length (inches):		
		Height (inches):		
		Width - Outside Top:		
		Width - Outside Bottom:		
		Width - Inside Top:		
		Width - Inside Bottom:		
		Gauge of Steel:		
		Full Opening Tailgate?	YES	NO
		Total Weight (lbs.)		
34	Body	Cab Shield?	YES NO	
		Structural Frame Type:		
		Detail Truck Mount and Hardware:		
35	Specification Deviations?		YES NO	
36	Warranty:			
37	Warranty Work Vendor and Contact Info:			

TARP SYSTEMS		
38	Make:	
39	Model:	
40	Warranty:	
41	Warranty Work Vendor and Contact Info:	

STANDARD TERMS AND CONDITIONS

Request for Bids/Proposals/Contracts

Rev. 4/2018

1.0 **APPLICABILITY:** The terms and conditions set forth in this document apply to Requests for Proposals (RFP), Bids and all other transactions whereby the County of Dane acquires goods or services, or both.

1.1 **ENTIRE AGREEMENT:** These Standard Terms and Conditions shall apply to any contract, including any purchase order, awarded as a result of this request. Special requirements of a resulting contract may also apply. Said written contract with referenced parts and attachments shall constitute the entire agreement, and no other terms and conditions in any document, acceptance, or acknowledgment shall be effective or binding unless expressly agreed to in writing by the County. Unless otherwise stated in the agreement, these standard terms conditions supersede any other terms and/or conditions applicable to this agreement.

1.2 **DEFINITIONS:** As used herein, “vendor” includes a provider of goods or services, or both, who is responding to an RFP or a bid, and “bid” includes a response to either an RFP or a bid.

2.0 **SPECIFICATIONS:** The specifications herein are the minimum acceptable. When specific manufacturer and model numbers are used, they are to establish a design, type of construction, quality, functional capability or performance level, or any combination thereof, desired. When alternates are proposed, they must be identified by manufacturer, stock number, and such other information necessary to establish equivalency. Dane County shall be the sole judge of equivalency. Vendors are cautioned to avoid proposing alternates to the specifications that may result in rejection of their bid.

3.0 **DEVIATIONS AND EXCEPTIONS:** Deviations and exceptions from terms, conditions, or specifications shall be described fully in writing, signed, and attached to the bid. In the absence of such statement, the bid shall be accepted as in strict compliance with all terms, conditions, and specifications and vendor shall be held liable for injury resulting from any deviation.

4.0 **QUALITY:** Unless otherwise indicated in the request, all material shall be first quality. No pre-owned, obsolete, discontinued or defective materials may be used.

5.0 **QUANTITIES:** The quantities shown herein are based on estimated needs. The County reserves the right to increase or decrease quantities to meet actual needs.

6.0 **DELIVERY:** Deliveries shall be FOB destination freight prepaid and included unless otherwise specified. County will reject shipments sent C.O.D. or freight collect.

7.0 **PRICING:** Unit prices shown on the bid shall be the price per unit of sale as stated on the request or contract. For any given item, the quantity multiplied by the unit price shall establish the extended price, the unit price shall govern in the bid evaluation and contract administration.

7.1 Prices established in continuing agreements and term contracts may be lowered due to market conditions, but prices shall not be subject to increase for the term specified in the award. Vendor shall submit proposed increases to the Purchasing Division thirty (30) calendar days before the proposed effective date of the price increase. Proposed increases shall be limited to fully documented cost increases to the vendor that are demonstrated to be industry wide. Price increases may not be granted unless they are expressed in bid documents and contracts or agreements.

7.2 Submission of a bid constitutes bidder’s certification that no financial or personal relationship exists between the bidder and any county official or employee except as specially set forth in writing attached to and made a part of the bid. The successful bidder shall disclose any such relationship which develops during the term of the contract.

8.0 **ACCEPTANCE-REJECTION:** Dane County reserves the right to accept or reject any or all bids, to waive any technicality in any bid submitted and to accept any part of a bid as deemed to be in the best interests of the County. Submission of a proposal or a bid constitutes the making of an offer to contract and gives the County an option valid for 60 days after the date of submission to the County.

8.1 Bids **MUST** be dated and time stamped by the Dane County Purchasing Division Office on or before the date and time that the bid is due. Bids deposited or time stamped in another office will be rejected. Actual receipt in the office of the purchasing division is necessary; timely deposit in the mail system is not sufficient. **THERE WILL BE NO EXCEPTIONS TO THIS POLICY.**

9.0 **METHOD OF AWARD:** Award shall be made to the lowest responsible responsive bidder conforming to specifications, terms, and conditions, or to the most advantageous bid submitted to the County on a quality versus price basis.

10.0 **ORDERING/ACCEPTANCE:** Written notice of award to a vendor in the form of a purchase order or other document, mailed or delivered to the address shown on the bid will be considered sufficient notice of acceptance of bid. A formal contract containing all provisions of the contract signed by both parties shall be used when required by the Dane County Purchasing Division.

11.0 **PAYMENT TERMS AND INVOICING:** Unless otherwise agreed, Dane County will pay properly submitted vendor invoices within thirty (30) days of receipt of goods and services. Payment will not be made until goods or services are delivered, installed (if required), and accepted as specified. Invoices presented for payment must be submitted in accordance with instructions contained on the purchase order.

11.1 **NO WAIVER OF DEFAULT:** In no event shall the making of any payment or acceptance of any service or product required by this Agreement constitute or be construed as a

Section 5 – Standard Terms and Conditions – Submit with Bid

waiver by County of any breach of the covenants of the Agreement or a waiver of any default of the successful vendor, and the making of any such payment or acceptance of any such service or product by County while any such default or breach shall exist shall in no way impair or prejudice the right of County with respect to recovery of damages or other remedy as a result of such breach or default.

12.0 TAXES: The County and its departments are exempt from payment of all federal tax and Wisconsin state and local taxes on its purchases except Wisconsin excise taxes as described below. The State of Wisconsin Department of Revenue has issued tax exempt number ES41279 to Dane County.

12.1 The County is required to pay the Wisconsin excise or occupation tax on its purchase of beer, liquor, wine, cigarettes, tobacco products, motor vehicle fuel and general aviation fuel. The County is exempt from Wisconsin sales or use tax on these purchases. The County may be subject to other states' taxes on its purchases in that state depending on the laws of that state. Vendors performing construction activities are required to pay state use tax on the cost of materials.

13.0 GUARANTEED DELIVERY: Failure of the vendor to adhere to delivery schedules as specified or to promptly replace rejected materials shall render the vendor liable for all costs in excess of the contract price when alternate procurement is necessary. Excess costs shall include administrative costs.

14.0 APPLICABLE LAW AND VENUE: This contract shall be governed under the laws of the State of Wisconsin, and venue for any legal action between the parties shall be in Dane County Circuit Court. The vendor shall at all times comply with and observe all federal and state laws, local laws, ordinances, and regulations which are in effect during the period of this contract and which in any manner affect the work or its conduct.

15.0 ASSIGNMENT: No right or duty in whole or in part of the vendor under this contract may be assigned or delegated without the prior written consent of Dane County.

16.0 NONDISCRIMINATION/AFFIRMATIVE ACTION: During the term of this Agreement the vendor agrees, in accordance with sec. 111.321, Wis. Stats., and Chapter 19 of the Dane County Code of Ordinances, not to discriminate against any person, whether an applicant or recipient of services, an employee or applicant for employment, on the basis of age, race, ethnicity, religion, color, gender, disability, marital status, sexual orientation, national origin, cultural differences, ancestry, physical appearance, arrest record or conviction record, military participation or membership in the national guard, state defense force or any other reserve component of the military forces of the United States, or political beliefs. The vendor shall provide a harassment-free work environment. These provisions shall include, but not be limited to, the following: employment, upgrading, demotion, transfer, recruitment, advertising, layoff, termination, training, including apprenticeships, rates of pay or other forms of compensation.

16.1 Vendors who have twenty (20) or more employees and a contract of twenty thousand dollars (\$20,000) or more must submit a written affirmative action plan to the County's Contract Compliance Officer within fifteen (15) working days of the effective date of the contract. The County may elect to accept a copy of the current affirmative action plan filed with and approved by a federal, state or local government unit.

16.2 The vendor agrees to post in conspicuous places, available for employees and applicants for employment, notices setting forth the provisions of this Agreement as they relate to affirmative action and nondiscrimination.

16.3 Failure to comply with these Terms and Conditions may result in the vendor being debarred, termination of the contract and/or withholding of payment.

16.4 The vendor agrees to furnish all information and reports required by Dane County's Contract Compliance Officer as the same relate to affirmative action and nondiscrimination, which may include any books, records, or accounts deemed appropriate to determine compliance with Chapter 19, D.C. Ords. and the provisions of this Agreement.

16.5 AMERICANS WITH DISABILITIES ACT: The vendor agrees to the requirements of the ADA, providing for physical and programmatic access to service delivery and treatment in all programs and activities.

17.0 PATENT, COPYRIGHT AND TRADEMARK INFRINGEMENT: The vendor guarantees goods sold to the County were manufactured or produced in accordance with applicable federal labor laws, and that the sale or use of the articles described herein do not infringe any patent, copyright or trademark. The vendor covenants that it will, at its own expense, defend every suit which shall be brought against the County (provided that such vendor is promptly notified of such suit, and all papers therein are delivered to it) for any alleged infringement of any patent, copyright or trademark by reason of the sale or use of such articles, and agrees that it will pay all costs, damages, and profits recoverable in any such suit.

18.0 SAFETY REQUIREMENTS: All materials, equipment, and supplies provided to the County must fully comply with all safety requirements as set forth by the Wisconsin Department of Commerce and all applicable OSHA Standards.

18.1 MATERIAL SAFETY DATA SHEET: If any item(s) on an order(s) resulting from this award(s) is a hazardous chemical, as defined under 29 CFR 1910.1200, provide one (1) copy of the Material Safety Data Sheet for each item with the shipped container(s) and one (1) copy with the invoice(s).

19.0 WARRANTY: Unless specifically expressed otherwise in writing, goods and equipment purchased as a result of this request shall be warranted against defects by the vendor for one (1) year from date of receipt. An equipment manufacturer's standard warranty shall apply as a minimum and must be honored by the vendor.

20.0 INDEMNIFICATION & INSURANCE.

20.1 Vendor shall indemnify, hold harmless and defend County, its boards, commissions, agencies, officers, employees and representatives against any and all liability, loss (including, but not limited to, property damage, bodily injury and loss of life), damages, costs or expenses which County, its officers, employees, agencies, boards, commissions and representatives may sustain, incur or be required to pay by reason of vendor furnishing the services or goods required to be provided under this Agreement, provided, however, that the provisions of this paragraph shall not apply to liabilities, losses, charges, costs, or expenses caused by or resulting from the acts or omissions of County, its agencies, boards, commissions, officers, employees or representatives. The obligations of

Section 5 – Standard Terms and Conditions – Submit with Bid

vendor under this paragraph shall survive the expiration or termination of this Agreement.

20.2. In order to protect itself and County its officers, boards, commissions, agencies, agents, volunteers, employees and representatives under the indemnity provisions of the subparagraph above, vendor shall, at vendor's own expense, obtain and at all times during the term of this Agreement keep in full force and effect the insurance coverages, limits, and endorsements listed below. When obtaining required insurance under this Agreement and otherwise, vendor agrees to preserve County's subrogation rights in all such matters that may arise that are covered by vendor's insurance. Neither these requirements nor the County's review or acceptance of vendor's certificates of insurance is intended to limit or qualify the liabilities or obligations assumed by the vendor under this Agreement. The County expressly reserves the right to require higher or lower insurance limits where County deems necessary.

20.2.1. Commercial General Liability.

Vendor agrees to maintain Commercial General Liability insurance at a limit of not less than \$1,000,000 per occurrence. Coverage shall include, but not be limited to, Bodily Injury and Property Damage to Third Parties, Contractual Liability, Personal Injury and Advertising Injury Liability, Premises-Operations, Independent vendors and Subcontractors, and Fire Legal Liability. The policy shall not exclude Explosion, Collapse, and Underground Property Damage Liability Coverage. The policy shall list DANE COUNTY as an Additional Insured.

20.2.2. Commercial/Business Automobile Liability.

Vendor agrees to maintain Commercial/Business Automobile Liability insurance at a limit of not less than \$1,000,000 Each Occurrence. Vendor further agrees coverage shall include liability for Owned, Non-Owned & Hired automobiles. In the event vendor does not own automobiles, vendor agrees to maintain coverage for Hired & Non-Owned Auto Liability, which may be satisfied by way of endorsement to the Commercial General Liability policy or separate Business Auto Liability policy.

20.2.3. Environmental Impairment (Pollution) Liability

Vendor agrees to maintain Environmental Impairment (Pollution) Liability insurance at a limit of not less than \$1,000,000 per occurrence for bodily injury, property damage, and environmental cleanup costs caused by pollution conditions, both sudden and non-sudden. This requirement can be satisfied by either a separate environmental liability policy or through a modification to the Commercial General Liability policy. Evidence of either must be provided.

20.2.4. Workers' Compensation.

Vendor agrees to maintain Workers Compensation insurance at Wisconsin statutory limits.

20.2.5. Umbrella or Excess Liability.

Vendor may satisfy the minimum liability limits required above for Commercial General Liability and Business Auto Liability under an Umbrella or Excess Liability policy. There is no minimum Per Occurrence limit of liability under the Umbrella or Excess Liability; however, the Annual Aggregate limit shall not be less than the highest "Each Occurrence" limit for the Commercial General Liability and Business Auto Liability. Vendor agrees to list DANE COUNTY as an "Additional Insured" on its Umbrella or Excess Liability policy.

20.3. Upon execution of this Agreement, vendor shall furnish County with a Certificate of Insurance listing County as an additional insured and, upon request, certified copies of the required insurance policies. If vendor's insurance is underwritten on a claims-made basis, the retroactive date shall be prior to or coincide with the date of this Agreement, the Certificate of Insurance shall state that professional malpractice or errors and omissions coverage, if the services being provided are professional services coverage is claims-made and indicate the retroactive date, vendor shall maintain coverage for the duration of this Agreement and for six (6) years following the completion of this Agreement. Vendor shall furnish County, annually on the policy renewal date, a Certificate of Insurance as evidence of coverage. It is further agreed that vendor shall furnish the County with a 30-day notice of aggregate erosion, in advance of the Retroactive Date, cancellation, or renewal. It is also agreed that on claims-made policies, either vendor or County may invoke the tail option on behalf of the other party and that the extended reporting period premium shall be paid by vendor. In the event any action, suit or other proceeding is brought against County upon any matter herein indemnified against, County shall give reasonable notice thereof to vendor and shall cooperate with vendor's attorneys in the defense of the action, suit or other proceeding. Vendor shall furnish evidence of adequate Worker's Compensation Insurance. In case of any sublet of work under this Agreement, vendor shall furnish evidence that each and every subcontractor has in force and effect insurance policies providing coverage identical to that required of vendor. In case of any sublet of work under this Agreement, vendor shall furnish evidence that each and every subcontractor has in force and effect insurance policies providing coverage identical to that required of vendor.

20.4. The parties do hereby expressly agree that County, acting at its sole option and through its Risk Manager, may waive any and all requirements contained in this Agreement, such waiver to be in writing only. Such waiver may include or be limited to a reduction in the amount of coverage required above. The extent of waiver shall be determined solely by County's Risk Manager taking into account the nature of the work and other factors relevant to County's exposure, if any, under this Agreement.

21.0 CANCELLATION: County reserves the right to terminate any Agreement due to non-appropriation of funds or failure of performance by the vendor. This paragraph shall not relieve County of its responsibility to pay for services or goods provided or furnished to County prior to the effective date of termination.

22.0 PUBLIC RECORDS ACCESS: It is the intention of the County to maintain an open and public process in the solicitation, submission, review, and approval of procurement activities. Bid openings are public unless otherwise specified. Records are not available for public inspection prior to issuance of the notice of intent to award or the award of the contract. Bid results may be obtained by visiting the Dane County Purchasing Office Monday – Friday, between 8:00 a.m. and 4:00 p.m. Prior appointment is advisable.

22.1 PROPRIETARY INFORMATION: If the vendor asserts any of its books and records of its business practices and other matters collectively constitute a trade secret as that term is defined in s. 134.90(1)(c), Wis. Stats., County will not release such records to the public without first notifying the vendor of the request for the records and affording the vendor an opportunity to challenge in a court of competent jurisdiction the requester's right to access such records. The entire burden of maintaining

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and defending the trade secret designation shall be upon the vendor. The vendor acknowledges and agrees that if the vendor shall fail, in a timely manner, to initiate legal action to defend the trade secret designation or be unsuccessful in its defense of that designation, County shall be obligated to and will release the records.

22.2 Any material submitted by the vendor in response to this request that the vendor considers confidential and proprietary information and which vendor believes qualifies as a trade secret, as provided in section 19.36(5), Wis. Stats., must be identified on a designation of Confidential and Proprietary Information form. Pricing will not be held confidential after award of contract.

22.3 Data contained in a bid, all documentation provided therein, and innovations developed as a result of the contracted commodities or services cannot be copyrighted or patented. All data, documentation, and innovations shall be the property of the County.

23.0 RECYCLED MATERIALS: Dane County is required to purchase products incorporating recycled materials whenever technically and economically feasible. Vendors are encouraged to bid products with recycled content which meet specifications.

24.0 PROMOTIONAL ADVERTISING: Reference to or use of Dane County, any of its departments or sub-units, or any county official or employee for commercial promotion is prohibited.

25.0 ANTITRUST ASSIGNMENT: The vendor and the County of Dane recognize that in actual economic practice, overcharges resulting from antitrust violation are in fact usually borne by the Purchaser. Therefore, the successful vendor hereby assigns to the County of Dane any and all claims for such

overcharges as to goods, materials or services purchased in connection with this contract.

26.0 RECORDKEEPING AND RECORD RETENTION-COST REIMBURSEMENT CONTRACTS: Where payment to the vendor is based on the vendor's costs, vendor shall establish and maintain adequate records of all expenditures incurred under the contract. All records must be kept in accordance with generally accepted accounting procedures. The County contracting agency shall have the right to audit, review, examine, copy, and transcribe any pertinent records or documents relating to any contract resulting from this bid/proposal held by the vendor. The vendor will retain all documents applicable to the contract for a period of not less than three (3) years after final payment is made.

27.03 COMPLIANCE WITH FAIR LABOR STANDARDS. During the term of this Agreement, vendor shall report to the Controller, within ten (10) days, any allegations to, or findings by the National Labor Relations Board (NLRB) or Wisconsin Employment Relations commission (WERC) that vendor has violated a statute or regulation regarding labor standards or relations within the seven years prior to entering this Agreement. If an investigation by the Controller results in a final determination that the matter adversely affects vendor's responsibilities under this Agreement, and which recommends termination, suspension or cancellation of this agreement, the County may take such action.

27.04 VENDOR may appeal any adverse finding by the Controller as set forth in sec. 25.08(20)(c) through (e).

27.05 VENDOR shall post the following statement in a prominent place visible to employees: "As a condition of receiving and maintaining a contract with Dane County, this employer shall comply with federal, state and all other applicable laws prohibiting retaliation for union organizing.