



## REQUEST FOR BID

Department of Administration  
Purchasing Division

<b>COUNTY DEPT</b>	Sheriff	
<b>BID NUMBER</b>	117058	
<b>RFB TITLE</b>	Dive Team Response Vehicle	
<b>PURPOSE</b>	The purpose of this RFB is to solicit bids from responsive and responsible bidders to provide a dive team response vehicle in accordance with the specifications.	
<b>DEADLINE FOR BID SUBMISSIONS</b>	<p><b>2:00 P.M. Central Time</b> <b>May 12, 2017</b></p> <p>Late bids, faxed bid, electronic mail bids or unsigned bid will be rejected.</p>	
<b>SUBMIT BID TO THIS ADDRESS</b>	<p>DANE COUNTY PURCHASING DIVISION ROOM 425 CITY COUNTY BUILDING 210 MARTIN LUTHER KING JR BLVD MADISON, WI 53703-3345</p>	
<b>REQUIRED BID COPIES</b>	Bidders must submit (1) original and (1) copy	
<b>PLEASE DIRECT ALL INQUIRES TO</b>	<b>NAME</b>	Pete Patten
	<b>TITLE</b>	Purchasing Agent
	<b>PHONE #</b>	608-267-3523
	<b>FAX #</b>	608-266-4425
	<b>EMAIL</b>	patten.peter@countyofdane.com
	<b>WEB SITE</b>	<a href="http://www.danepurchasing.com">www.danepurchasing.com</a>
<b>THIS RFB IS COMPRISED OF:</b>  Part 1 – General Guidelines & Information  Part 2 – Bid Forms  Part 3 – Detailed Specifications  Part 4 – Price Proposal		<b>RESPONSE CHECKLIST:</b>  <input type="checkbox"/> Signed Affidavit – Completed Bid Forms  <input type="checkbox"/> Submit (1) original and one (1) copy  <input type="checkbox"/> Label the lower corner of the outermost envelope of your bid with the bid number.
<b>DATE BID ISSUED: April 7, 2017</b>		

Revised 11/2016

## Part 1 – General Guidelines & Information

### 1. Introduction:

Dane County invites and will accept bids for item(s) outlined within this bid. The County as represented by Purchasing Division, intends to use the results of this process to purchase item(s).

### 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 person 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 RFB, revisions/amendments and/or supplements will be posted on the Purchasing Division web site at [www.danepurchasing.com](http://www.danepurchasing.com). Bidders are reminded to regularly monitor the web site for any such postings. Bidders must acknowledge the receipt/review of any addendum(s) on the bottom of the Signature Affidavit.

The Purchasing Division has the sole authority for modifications of this specifications and or bid.

### 4. Vendor Registration Program:

All bidders wishing to submit a bid/proposal must be a paid registered vendor with Dane County. Prior to the bid opening, you can complete a registration form online by visiting our web site at [www.danepurchasing.com](http://www.danepurchasing.com) or you can obtain a Vendor Registration Form by calling 608-266-4131. Your completed Vendor Registration Form and Registration Fee must be received for your bid to be considered for an award.

### 5. Acceptance:

Bid shall remain fixed and valid for acceptance for sixty (60) calendar days starting on the due date of the bid.

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.

### 6. Pricing:

- The price quoted shall include all labor, materials, equipment, shipping, and other costs. If there is a freight or transportation increase prior to delivery of the unit, the additional increase must be at the dealer/manufacturer's expense.
- All prices, costs, and conditions outlined in the bid shall remain fixed.

**State Sale Tax/Federal Excise Tax:** Bids should not include Federal Excise and Wisconsin Sales Taxes, as Dane County is exempt from payment of such taxes. Sec. State Statute No. 77.54(9a). Wis. Stats. The Dane County's CES number is ES 41279.

### 7. 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, or combination of both. 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.

**NON-ALLOWED CHARGES.** 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 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.

**8. 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 elsewhere in this solicitation. The County may opt to establish alternate selection criteria to protect its best interest or meet performance or operational standards.

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

**9. Permits & 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.

**10. 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.

**11. 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.

**12. 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.

**13. 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;
- 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.

## STANDARD TERMS AND CONDITIONS

(Request For Bids/Proposals/Contracts)

Dane County Purchasing Division

Rev. 11/13

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 on the vendor's letterhead, 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 contracting department 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 vendor 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 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. The time limitation in this paragraph does not apply to the warranty provided in paragraph 27.0.

## 20.0 INDEMNIFICATION & INSURANCE.

20.1 PROVIDER 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 PROVIDER 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 PROVIDER 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, PROVIDER shall, at PROVIDER'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, PROVIDER agrees to preserve COUNTY's subrogation rights in all such matters that may arise that are covered by PROVIDER's insurance. Neither these requirements nor the COUNTY's review or acceptance of PROVIDER's certificates of insurance is intended to limit or qualify the liabilities or obligations assumed by the PROVIDER 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.**

PROVIDER 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 PROVIDERs 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.**

PROVIDER agrees to maintain Commercial/Business Automobile Liability insurance at a limit of not less than \$1,000,000 Each Occurrence. PROVIDER further agrees coverage shall include liability for Owned, Non-Owned & Hired automobiles. In the event PROVIDER does not own automobiles, PROVIDER 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**

PROVIDER 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.**

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

**20.2.5. Umbrella or Excess Liability.**

PROVIDER 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. PROVIDER agrees to list DANE COUNTY as an "Additional Insured" on its Umbrella or Excess Liability policy.

**20.3.** Upon execution of this Agreement, PROVIDER 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 PROVIDER'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, PROVIDER shall maintain coverage for the duration of this Agreement and for six (6) years following the completion of this Agreement. PROVIDER shall furnish COUNTY, annually on the policy renewal date, a Certificate of Insurance as evidence of coverage. It is further agreed that PROVIDER 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 PROVIDER or COUNTY may invoke the tail option on behalf of the other party and that the Extended Reporting Period premium shall be paid by PROVIDER. 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 PROVIDER and shall cooperate with PROVIDER's attorneys in the defense of the action, suit or other proceeding. PROVIDER shall furnish evidence of adequate Worker's Compensation Insurance. In case of any sublet of work under this Agreement, PROVIDER shall furnish evidence that each and every subcontractor has in force and effect insurance policies providing coverage identical to that required of PROVIDER. In case of any sublet of work under this Agreement, PROVIDER shall furnish evidence that each and every subcontractor has in force and effect insurance policies providing coverage identical to that required of PROVIDER.

**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 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-PUBLIC WORKS CONTRACTS: The successful bidder on a public works contract shall comply with the State of Wisconsin prevailing wage scale and shall establish and maintain adequate payroll records for all labor utilized as well as records for expenditures relating to all subcontracts, materialmen and suppliers. All records must be kept in accordance with generally accepted accounting procedures. The County shall have the right to audit, review, examine, copy, and transcribe any such records or documents. 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.

26.1 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.

27.0 LIVING WAGE REQUIREMENT: The vendor shall, where appropriate, comply with the County's Living Wage requirements as set forth in section 25.015, Dane County Ordinances.

27.01 In the event its payroll records contain any false, misleading or fraudulent information, or if the vendor fails to comply with the provisions of s. 25.015, D.C. Ords., the County may withhold payments on the contract, terminate, cancel or suspend the contract in whole or in part, or, after a due process hearing, deny the vendor the right to participate in bidding on future County contracts for a period of one (1) year after the first violation is found and for a period of three (3) years after a second violation is found.

27.02 Bidders are exempt from the requirement of this section if:

- The maximum value of services to be provided is less than \$5,000;
- The bid involves only the sale of goods to the County;
- The bid is for professional services;
- The bid is for a public works contract where wages are regulated under s. 62.293, Wis. Stats.;
- The bidder is a school district, a municipality, or other unit of government;
- The service to be provided is residential services at an established per bed rate;
- The bidder's employees are persons with disabilities working in employment programs and the successful bidder holds a current sub-minimum wage certificate issued by the U.S. Department of Labor or where such a certificate could be issued but for the fact that the employer is paying a wage higher than the minimum wage;
- The bidder is an individual providing services to a family member; or
- The bidder's employees are student interns.

27.03 COMPLIANCE WITH FAIR LABOR STANDARDS. During the term of this Agreement, PROVIDER shall report to the County Contract Compliance Officer, within ten (10) days, any allegations to, or findings by the National Labor Relations Board (NLRB) or Wisconsin Employment Relations commission (WERC) that PROVIDER 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 Contract Compliance Officer results in a final determination that the matter adversely affects PROVIDER'S responsibilities under this Agreement, and which recommends termination, suspension or cancellation of this agreement, the County may take such action.

27.04 PROVIDER may appeal any adverse finding by the Contract Compliance Officer as set forth in sec. 25.015(11)(c) through (e).

27.05 PROVIDER 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."



**BIDDER COVER PAGE  
SIGNATURE AFFIDAVIT**

**COMPANY NAME:**

In signing this bid, we also 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 (type or print)**

\_\_\_\_\_  
**Date**

**ADDRESS:**

**CITY:**

**COUNTY:**

**STATE:**

**ZIP+4:**

**TEL:**

**TOLL FREE TEL:**

**FAX:**

**2. Contact person in the event there are questions about your bid/proposal:**

**NAME**

**TITLE:**

**TEL**

**TOLL FREE TEL**

**FAX**

**E-MAIL**

☐ **Addendums** -This firm hereby acknowledges receipt / review of the following addendum(s) (If any)

Addendum #\_\_\_\_\_ Addendum #\_\_\_\_\_ Addendum #\_\_\_\_\_ Addendum #\_\_\_\_\_

## VENDOR REGISTRATION CERTIFICATION

**Per Dane County Ordinance, Section 62.15, “Any person desiring to bid on any county contract must register with the purchasing manager and pay an annual registration fee of \$20.”**

Your completed Vendor Registration Form and Registration Fee must be received for your bid to be considered for an award. Your bid/proposal may not be evaluated for failure to comply with this provision.

For Non-Registered Vendors:

Complete a registration form online by visiting our web site at [www.danepurchasing.com](http://www.danepurchasing.com). You will be prompted to create an account and complete the registration which includes paying the annual registration fee of \$20. 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:

If you are submitting a bid or proposal, check to make sure your vendor information and annual registration fee is up-to-date.

Payment may be made via credit card on-line or by check in the mail or in person at the Purchasing Division office. If paying by check make check payable to Dane County Treasurer and indicate your federal identification number (FIN) on the subject line. Once paid, the annual registration fee is valid for one year.

## CERTIFICATION

The undersigned, for and on behalf of the **PROPOSER, BIDDER OR APPLICANT** named herein, certifies as follows:

- ☐ This firm is a paid, registered vendor with Dane County in accordance with the bid terms and conditions.

Vendor Number # \_\_\_\_\_

Date Last Paid: \_\_\_\_\_

Date Signed: \_\_\_\_\_

\_\_\_\_\_  
Officer or Authorized Agent

\_\_\_\_\_  
Business Name

## LOCAL CONTENT VENDOR AFFIDAVIT

**Under Dane County's purchasing ordinance, bidders offering goods made in Dane County, its surrounding counties, or the State of Wisconsin receive a price preference on sealed bid solicitations.** Bids are first evaluated to determine if any bidders are offering products that qualify as Dane County-Made Goods, Regionally-Made Goods, or Wisconsin-Made Goods.

A bidder offering Dane County-Made Goods will be considered the successful bidder if their price is up to 15% higher than the low bid for goods that are not Dane County-Made Goods. If no vendors meet this criteria, then the county will determine if any bidder is offering Regionally-Made Goods. If so, then such a bidder will be considered successful if their price is up to 12.5% higher than the low bid for goods that are not Regionally-Made Goods. If no vendors meet this criteria, then the county will determine if any bidder is offering Wisconsin-Made Goods. If so, then such a bidder will be considered successful if their price is up to 10% higher than the low bid for goods that are not Wisconsin-Made Goods. If no vendors are offering Dane County-Made, Regionally-Made, or Wisconsin-Made Goods, then the county will evaluate the low bid without regard to the content of the goods.

I swear that the following is true and correct:

Based on the definition included with each category below, indicate if the goods you offer in your bid meet any of the three categories under the County's ordinance.

\_\_\_\_\_ The goods offered under this bid are Dane County-Made.

- An article that is manufactured, mined, produced or grown in Dane County and;
- Over 50% of the total cost of its components are made in Dane County.
  - "Component", as referenced above, means an article, material, or supply incorporated directly into a finished product.

\_\_\_\_\_ The goods offered under this bid are Regionally-Made.

- An article that is manufactured, mined, produced or grown in one of the following counties: Dane, Columbia, Dodge, Green, Iowa, Jefferson, Rock, or Sauk and;
- Over 50% of the total cost of its components are made in one of the following counties: Dane, Columbia, Dodge, Green, Iowa, Jefferson, Rock, or Sauk.
  - "Component", as referenced above, means an article, material, or supply incorporated directly into a finished product.

\_\_\_\_\_ The goods offered under this bid are Wisconsin-Made.

- An article that is manufactured, mined, produced or grown in the State of Wisconsin and;
- Over 50% of the total cost of its components are made in the State of Wisconsin.
  - "Component", as referenced above, means an article, material, or supply incorporated directly into a finished product.

\_\_\_\_\_ The goods offered under this bid do not qualify as Dane County-Made, Regionally-Made or Wisconsin-Made goods.

\_\_\_\_\_  
**Signature**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Name (type or print)**

\_\_\_\_\_  
**Company Name**

## LOCAL VENDOR AFFIDAVIT

Under Dane County Ordinance, a Regionally-Based Vendor, Local Vendor, or Non-Local Vendor may be invited to match the low bid if the low bid is offered by a vendor that is not identified as a Regionally-Based Vendor, Local Vendor, or Non-Local Vendor according to Dane County Ordinance requirements.

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Locally Based and Owned Vendor requirements:

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

Does your business meet all 3 Locally Based and Owned Vendor requirements?

YES\_\_\_\_\_ NO\_\_\_\_\_

If YES, your business is considered a Locally Based and Owned Vendor. Continue to the next page and checkmark Locally Based and Owned Vendor.

If NO, proceed to the Locally Operated Vendor section below.

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Locally Operated Vendor requirements:

- Your business is registered and authorized to do business in the State of Wisconsin and;
- Your business has an established place of business within Dane County.
  - An established place of business means a physical office, plant or other facility.
  - A post office box address does not qualify a vendor as a Locally Operated Vendor.

Does your business meet both Locally Operated Vendor requirements?

YES\_\_\_\_\_ NO\_\_\_\_\_

If YES, your business is considered a Locally Operated Vendor. Continue to the next page and checkmark Locally Operated Vendor.

If NO, proceed to the Non-Locally Operated Vendor section below.

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Non-Locally Operated Vendor requirements:

- Our business has an established place of business in one of the following Wisconsin Counties: Columbia, Dodge, Green, Iowa, Jefferson, Rock, or Sauk.
  - An established place of business means a physical office, plant or other facility.
  - A post office box address does not qualify a vendor as a Non-Locally Operated Vendor.

Does your business meet the Non-Locally Operated Vendor requirement?

YES\_\_\_\_\_ NO\_\_\_\_\_

If YES, your business is considered a Non-Locally Operated Vendor. Continue to the next page and checkmark Non-Locally Operated Vendor.

If NO, your business does not meet any of the Local Vendor criteria under this Dane County Ordinance. Continue to the next page.

I swear that the following is true and correct:

- \_\_\_\_\_ This bid is submitted from a Locally Based and Owned Vendor.
- \_\_\_\_\_ This bid is submitted from a Locally Operated Vendor.
- \_\_\_\_\_ This bid is submitted from a Non-Locally Operated Vendor.
- \_\_\_\_\_ This bid is submitted from a vendor that does not meet any of the criteria above.

_____ <b>Signature</b>	_____ <b>Date</b>
_____ <b>Name (type or print)</b>	_____ <b>Company Name</b>

<b>This address will be used to verify the local purchasing preference indicated above.</b>	
ADDRESS:	
CITY:	COUNTY:
STATE:	ZIP+4:

## Order of Events:

### 1. 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.

### 2. 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.

### 3. 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.

**FAIR LABOR PRACTICES CERTIFICATION**  
**Dane County Ordinance 25.11(28)**

The undersigned, for and on behalf of the PROPOSER, BIDDER OR APPLICANT named herein, certifies as follows:

1. That he or she is an officer or duly authorized agent of the above-referenced PROPOSER, BIDDER OR APPLICANT, which has submitted a proposal, bid or application for a contract with the county of Dane.

2. That PROPOSER, BIDDER OR APPLICANT has: (Check One)

\_\_\_\_\_ 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 Certification is signed.

\_\_\_\_\_ 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 Certification is signed

Date Signed: \_\_\_\_\_

\_\_\_\_\_  
Officer or Authorized Agent

\_\_\_\_\_  
Business Name

**NOTE: You can find information regarding the violations described above at:**  
[www.nlr.gov](http://www.nlr.gov) and <http://werc.wi.gov>.

**For Reference Dane County Ord. 28.11 (28) 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 indicated that you have been found by the NLRB or WERC to have such a violation, you must include a copy of any relevant information regarding such violation with your proposal, bid or application.

## SPECIFICATIONS OVERVIEW

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

The intended user agency is: Dane County Sheriff's Department

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 on the form provided 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 unit(s) /item(s). 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.

<b>DIVE TRUCK SPECIFICATIONS</b>
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<b>SECTION 1: VEHICLE DIMENSIONS/CHASSIS/ENGINE</b>			
#	VEHICLE DIMENSIONS	Yes	No
1	The vehicle dimensions shall be a minimum of the following:		
2	Length (Bumper to bumper) – maximum of 32’;		
3	Height (Roof-mounted HVAC unit to ground) – maximum of 12’ 4”		
4	Width – maximum of 9’		
5	Module box shall be a minimum of 20’ in length, but may be extended if needed to include storage, generator, compressor, closets, lockers and other internal/external components of the dive truck.		
6	NOTE: If a compressor is added to the dive truck, the dimensions must be altered to accommodate the compressor and related equipment.		
7	The inside width of the body may be determined by the manufacturer due to deviations in construction between manufacturers. At a minimum, the inside width of the body module shall be 95 ½”.		
#	DIMENSIONS - INSIDE HEIGHT	Yes	No
8	The inside body height may be determined by the manufacturer due to deviations in construction between manufacturers. At a minimum, the inside body height shall be 82 ¾”		
#	DIMENSIONS - LOCKERS	Yes	No
9	The lockers for each team member shall be a minimum of 24” deep and 28” wide to accommodate the dive gear (tank, BCD, hoses and mask), with tank being secured by a ziamatic tank storage bracket to prevent it from falling out of locker. There shall be a lid that lifts to allow access to the lower wet locker compartment for wet gear. There shall be a door overhead the locker for dry gear storage and electrical gear recharging station. The lockers shall be installed on the street side of the inside body compartment.		



#	DIMENSIONS - FOLD DOWN SEATING & WORKSTATION	Yes	No
10	There shall be fold-down seating and a workstation combo area on the curb side that shall be a minimum of 59" wide to accommodate two fold-down seats with lap belts and a fold-up workstation table with electrical outlets to accommodate a laptop computer and various gear that require electricity. The workstation fold-up table shall be installed at a height of 30" minimum.		
#	DIMENSIONS - DRY SUIT/WOLLIE HANGING CLOSET	Yes	No
11	There shall be two separate closets with floor drains on the curb side for dry suits (minimum 48" wide) and woolies (minimum 24" wide).		
#	DIMENSIONS - STORAGE, POWER PANEL, REFRIGERATOR & TOOL BOX	Yes	No
12	There shall be a minimum of 24" wide space available on the curb side to add a tool box at the floor, followed by a refrigerator on top of the tool box, followed by a small storage space 12" wide shared by a power panel 12" wide above the refrigerator.		
#	DIMENSIONS - AIR TANK STORAGE AND STORAGE ABOVE TANKS	Yes	No
13	There shall be an air tank storage area (minimum of 39" wide) on the curb side next to the tool box that holds 15 air tanks (five tanks wide by three tanks deep) on the floor. The air tank storage height should be enough to clear the top of the air tanks. Above the air tank storage shall be two door storage with shelving for gear storage.		
#	DIMENSIONS - GEAR STORAGE (COMPRESSOR)	Yes	No
14	The last section of the curb side (following the air tank storage moving aft of that storage) shall be a minimum of 39" of storage designed in the same fashion as the storage above the air tanks. Two doors shall be installed for the above storage areas with shelving and two door in the lower section with shelving (instead of air tank mounts) for additional gear storage. NOTE: If an air compressor is installed on the dive truck, the preferred location would be the curb side lower storage area aft of the air tanks. It is understood that manufacturer or engineering recommendations and/or weight distribution of the vehicle may play a role in determining the best location for the compressor.		

#	DIMENSIONS - CURB SIDE EXTERIOR STORAGE	Yes	No
15	If compressor storage area is too close to the air tanks, it shall be moved to an exterior access storage space on the curb side. Additionally, there shall be at least three exterior storage compartments on the curb side for gear. (One compartment may be used for the compressor). Size of compartments will be dependent on space needs of compressor and remaining space on the exterior curb side of body.		
#	DIMENSIONS - STREET SIDE EXTERIOR STORAGE	Yes	No
16	There shall be a storage area designed to hold the diesel generator with exterior access, followed by battery compartment storage and a storage area aft of those compartments for gear storage (size dependent on space available).		
#	ALTERNATOR	Yes	No
17	A minimum of a 200 Amp Denso SC5 Heavy Duty Alternator, equivalent or improved shall be provided on the chassis.		
18	An electrical analysis is required by the manufacturer to size and provide the adequate alternator output to properly power the electrical components within their specification being provided.		
#	AXLES	Yes	No
19	A minimum of an 8,500 lb. Cap. Non-Driving - Dana D-850F or equivalent front axle shall be provided on the chassis and be sized to carry the associated weight of the vehicle and proposed equipment within the specification.		
20	A minimum of a 17,500 lb. Single-Speed - Dana S17-140 or equivalent rear axle shall be provided on the chassis and be sized to carry the associated weight of the vehicle and proposed equipment within the specification.		
#	BATTERIES	Yes	No
21	A minimum of two (2) 750 CCA, 1500 Total batteries, equivalent or improved shall be provided on the chassis.		
22	The batteries are to include mounting in a Steel Battery Box and allow easy access for maintenance.		
23	In addition to the chassis battery system, the modular body design proposed by the manufacturer shall be equipped with a dual battery system.		
24	A minimum of two (2) Group 31 lead acid batteries shall be provided with a minimum of 210 amp hours used to support the modular body and communications loads.		
25	The batteries shall be charged by a converter/charger specified later in this proposal request.		

#	<b>BATTERIES (continued)</b>	Yes	No
26	The system batteries shall be protected by a 300 amp in-line fuse.		
#	<b>BLOCK HEATER</b>	Yes	No
27	A block heater on the chassis is not required.		
#	<b>BRAKE SYSTEM</b>	Yes	No
28	Power, 4-wheel antilock, hydraulic disk or equivalent brakes shall be provided on the chassis.		
29	The brakes being provided on the chassis shall be sized to meet the NFPA stopping performance specifications upon completion of the unit by the manufacturer.		
#	<b>CHASSIS TYPE</b>	Yes	No
30	A minimum of a Ford F-650 Diesel Regular Cab, equivalent or improved chassis shall be provided.		
31	The chassis being provided by the manufacture shall be adequately sized to carry the associated weight of the vehicle and proposed equipment within the specification.		
#	<b>CHASSIS FRAME</b>	Yes	No
32	A minimum of a Single Channel - Straight 'C' 12.64 SM, 50,000 PSI or equivalent frame shall be provided on the chassis.		
33	The chassis frame being provided by the manufacture shall be adequately sized to carry the associated weight of the vehicle and proposed equipment within the specification.		
#	<b>COOLING SYSTEM</b>	Yes	No
34	The OEM standard chassis cooling system package shall be provided on the commercial chassis specified by the manufacturer.		
35	The cooling system being provided shall be adequately sized to provide the appropriate cooling capacity for the end vehicle weight proposed.		
#	<b>ELECTRICAL EQUIPMENT</b>	Yes	No
36	The OEM standard chassis wiring shall be provided within the commercial chassis proposed by the manufacturer.		
37	Within the body, all DC wires shall be of a heat resistant type that meets SAE J1128 type SXL and/or Multi-Conductor, Tinned Copper Conductors, PVC Insulation Cable.		
38	Multi-conductors shall be used for Control and Instrumentation inside the modular body.		
39	Electrical wires shall be loomed and routed to the maximum distance away from possible high heat sources and properly clamped to body or frame members to preclude chaffing on other components.		

#	<b>ELECTRICAL EQUIPMENT (continued)</b>	<b>Yes</b>	<b>No</b>
40	Where holes are cut in the body structure for wiring there shall be whole circumference grounded and filed smooth and rubber grommets installed for isolation.		
41	The wiring harnesses shall be function-coded every four inches and of a gauge that is rated to carry 125% of the maximum current for which the circuit is projected.		
42	All wires and cables shall be marked at each end with a function number that is documented in the DC schematic and described in the wire list.		
43	Battery cables shall be sized to match the OEM cables with crimped terminals. Black shrink tubing shall protect the negative terminals and red for the positive terminals.		
44	An As-Built DC schematic and wire list shall accompany the unit upon delivery.		
#	<b>ENGINE</b>	<b>Yes</b>	<b>No</b>
45	A minimum of a 6.7L Power Stroke, V8 Turbo Diesel - 270 HP @ 2400 RPM, 675 lb-ft Torque @ 1600 RPM shall be provided on the chassis.		
46	The engine shall be sized by the manufacture to meet all of the NFPA performance requirements for acceleration as well as be adequately sized to carry the associated weight of the vehicle and proposed equipment within the specification.		
#	<b>EXHAUST SYSTEM</b>	<b>Yes</b>	<b>No</b>
47	The OEM standard exhaust system shall be provided on the chassis of choice meeting 50 state federal requirements.		
#	<b>FILTERS</b>	<b>Yes</b>	<b>No</b>
48	The OEM standard filters shall be provided with the chassis of choice being provided by the manufacturer.		
#	<b>FUEL SYSTEM</b>	<b>Yes</b>	<b>No</b>
49	A minimum of a 50-gallon fuel tank shall be provided on the commercial chassis of choice being provided by the manufacturer. Fuel system shall supply the generator in addition to the vehicle.		
#	<b>AIR/FUEL TANKS</b>	<b>Yes</b>	<b>No</b>
50	Any air tank and fuel tank mounts on the chassis or provided by the body manufacturer and mounted in the chassis shall be tested to withstand a 1,000-hour salt spray test.		
51	Stainless steel hangers shall be provided for fuel tank & air tank mounting within the chassis frame where provided.		
#	<b>FUEL/WATER SEPARATOR</b>	<b>Yes</b>	<b>No</b>
52	The OEM standard fuel/water separator shall be provided on the chassis of choice being provided by the manufacturer.		

#	GAUGES/CONTROLS/INSTRUMENTS	Yes	No
53	The OEM standard gauges, controls and switches shall be provided within the cab to deal with the chassis function components associated with the commercial chassis being provided by the manufacturer.		
54	All other switches within the cab associated with the manufacturer's optional equipment being installed shall be provided as needed within reach of the driver in a safe and convenient orientation.		
55	All switches being provided will be of a matching style for uniformity and labeled and backlit for night operations per the NFPA standards.		
#	GROSS VEHICLE WEIGHT	Yes	No
56	The gross vehicle weight rating shall be a minimum of 26,000 lbs.		
57	The chassis GVW shall be sized by the manufacturer to carry the associated weight of the vehicle and proposed equipment within the specification and be within the DOT legal weight limits of the chassis once fully loaded.		
#	HORNS	Yes	No
58	The OEM standard vehicle horn shall be provided on the chassis of choice being provided by the manufacturer.		
#	SHOCK ABSORBERS	Yes	No
59	The OEM standard shock absorbers shall be provided on the choice being provided by the manufacturer.		
#	SPLASH GUARDS	Yes	No
60	Mud flaps shall be provided to the rear of each wheel for splash guard protection from road spray.		
61	A fully enclosed rear wheel well liner assembly shall be provided by the manufacturer. If the body design by the manufacture is not a full sealed wheel area incorporated with the body design, a bolt in or fender liner inserts must be provided for splash protection.		
#	STARTER	Yes	No
62	The OEM standard starter package shall be provided on the chassis choice being provided by the manufacturer.		

#	SUSPENSION	Yes	No
63	A minimum of an 8,500 lb. taper-leaf spring front suspension, equivalent or improved front axle shall be provided on the chassis and be sized to carry the associated weight of the vehicle and proposed equipment within the specification.		
64	A minimum of a 19,000 lb. multi-leaf spring rear suspension or equivalent rear axle shall be provided on the chassis and be sized to carry the associated weight of the vehicle and proposed equipment within the specification.		
#	TIRES	Yes	No
65	The OEM standard tires shall be provided on the chassis choice being provided by the manufacture.		
#	TOW CAPABILITY	Yes	No
66	A minimum of a Class IV trailer hitch shall be installed on rear of vehicle.		
67	This shall allow a minimum of a 10,000 lb. Gross Towing Weight/1000 lb. tongue weight.		
68	A 2" receiver shall be provided.		
69	On the chassis side, a seven-pin electrical connection for lights and brakes shall be provided.		
#	TRANSMISSION	Yes	No
70	A Ford TorqShift HD 6-Speed Automatic - Double Overdrive, equivalent or improved transmission shall be provided on the chassis choice being provided by the manufacturer.		
#	TURNING RADIUS	Yes	No
71	The turning radius will be that of the commercial chassis of choice provided by the chassis manufacturer.		
#	WHEELS	Yes	No
72	The OEM standard wheel package shall be provided on the commercial chassis of choice by the manufacturer.		
#	STEERING GEAR	Yes	No
73	A hydraulic power-assist re-circulating ball steering system or equivalent shall be provided on the chassis.		
#	WHEELBASE	Yes	No
74	The wheelbase of the chassis shall be determined by the manufacturer's final design.		
75	It is desired to achieve a wheelbase of 182" or less on a single rear axle chassis to allow for increased maneuverability in driving.		
76	The final design and wheelbase will be taken into consideration when evaluating the manufacturer's designs to achieve the most maneuverable vehicle possible while still incorporating all the options desired within the body design.		

#	MIRROR	Yes	No
77	Driver and passenger folding door mirrors must be provided on the chassis.		
78	The mirrors on the chassis shall be heated and power remote-controlled from the driver's seated position.		
#	CLIMATE CONTROL	Yes	No
79	The OEM manual dash heat, defrost and air conditioner with recirculation switch shall be provided on the chassis.		
80	In addition to the chassis OEM Climate Control package, there shall be two (2) additional roof-mounted air conditioners rated to at least 15,000 BTU each. Each unit shall be centrally located with respect to each area and must discharge through a ceiling-mounted discharge/return air vent.		
81	In addition to the chassis OEM Climate Control package, there shall be two (2) 110V wall-mounted heaters rated to at least 5000 BTU each installed in the interior of the body. One shall be mounted on the back wall and one shall be mounted in the forward area to allow adequate climate coverage within the entire interior body module.		
#	DOOR LOCKS	Yes	No
82	Power door locks shall be provided on the chassis of choice by the manufacturer.		
#	WINDOWS	Yes	No
83	Power windows shall be provided on the chassis of choice by the manufacturer.		
#	INTERIOR FINISH	Yes	No
84	The interior chassis finish shall be gray or an equivalent neutral color tone as provided by the chassis manufacturer being provided by choice.		
#	DRIVER SEAT	Yes	No
85	A bucket driver seat, equivalent or improved shall be provided within the chassis.		
#	PASSENGER SEAT	Yes	No
86	A minimum of a two (2) person, equivalent or improved bench passenger seat shall be provided within the chassis.		
#	RADIO/STEREO	Yes	No
87	An AM/FM stereo radio with radio data system, equivalent or improved shall be provided within the chassis.		

#	STEERING COLUMN	Yes	No
88	An adjustable tilting steering column shall be provided on the chassis.		
89	Any fixed steering columns that do not allow driver adjustability will <u>not</u> be accepted on the chassis of choice by the manufacturer.		
#	WINDSHIELD WIPERS	Yes	No
90	Variable intermittent windshield wipers shall be provided on the chassis for ease of driver operations.		
SECTION 2: POWER SYSTEM (CHASSIS)			
#	LIGHTS & WIRING - GENERAL	Yes	No
91	The OEM standard chassis wiring shall be providing within the commercial chassis proposed by the manufacturer.		
92	Within the body, all DC wires shall be of a heat resistant type that meets SAE J1128 type SXL and/or Multi-Conductor, Tinned Copper Conductors, PVC Insulation Cable.		
93	Multi-conductors shall be used for Control and Instrumentation inside the modular body.		
94	Electrical wires shall be loomed and routed to the maximum distance away from possible high heat sources and properly clamped to body or frame members to preclude chaffing on other components.		
95	Where holes are cut in the body structure for wiring there shall be whole circumference grounded and filed smooth and rubber grommets installed for isolation.		
96	The wiring harnesses shall be function-coded every four inches and of a gauge that is rated to carry 125% of the maximum current for which the circuit is projected.		
97	All wires and cables shall be marked at each end with a function number that is documented in the DC schematic and described in the wire list.		
98	Battery cables shall be sized to match the OEM cables with crimped terminals and a black shrink tubing protecting the negative terminals and red for the positive terminals.		
99	An As-Built DC schematic and wire list shall accompany the unit upon delivery.		
#	BACK-UP ALARM	Yes	No
100	A back up alarm shall be installed under the rear of the body module to activate with reverse function of the chassis to alert the surrounding area when the vehicle is placed in reverse.		



#	BLIND SPOT DETECTION	Yes	No
101	A Sharp Vision color backup camera system or equivalent shall be provided and switched to activate when vehicle is placed in reverse.		
102	The system shall include at a minimum a 7" LCD display mounted in cab, CCD Camera, cables and mounting brackets.		
#	WIRING SCHEMATICS	Yes	No
103	A minimum of two (2) sets of As-Built Systems Diagrams in B size (11 x 17) (Audio, Video, Network/data, Phones, RF, and systems DC diagrams minimum), and one set of laminated As-built Systems Diagrams in A size (8 1/2 x 11) shall be supplied with the end product.		
104	Any manufacturer not using As-Built manuals and diagrams will not be considered.		
#	CAB HEATING AND A/C	Yes	No
105	The OEM manual dash heat, defrost and air conditioner with recirculation switch must be provided on the chassis.		
106	In addition to the chassis OEM Climate Control package, there shall be two (2) additional roof-mounted air conditioners rated at a minimum of 15,000 BTU each. Each unit shall be centrally located with respect to each area and shall discharge through a ceiling mounted discharge / return air vent.		
107	In addition to the chassis OEM Climate Control package, there shall be two (2) 110V wall-mounted heaters rated at a minimum of 5000 BTU each, installed in the interior of the body. One must be mounted on the back wall and one must be mounted in the forward wall to allow adequate climate coverage within the entire body module.		
#	BACK-UP VIDEO CAMERA	Yes	No
108	A Sharp Vision color backup camera system, equivalent or improved shall be provided and shall activate when vehicle is placed in reverse.		
109	The system shall include a minimum 7" LCD display mounted in cab, CCD camera, cables and mounting brackets.		
#	COMMUNICATION CONSOLE IN CAB	Yes	No
110	A custom communications console shall be fabricated by the manufacturer to house switches, controllers and a minimum of two customer radio's in the forward cab area.		
111	Two (2) customer provided radios shall be provided to the manufacturer for complete wiring and installing during build.		

#	SIREN & SPEAKERS	Yes	No
112	A Whelen Siren Full Function (Up to two 100 Watt Speakers) and Heavy Duty Plug-in Microphone with Volume Control Knob, 12 VDC or equivalent siren shall be provided on the chassis for audible warning devices.		
113	A Whelen SA315P composite, 100W Speaker or equivalent shall be attached to the front chassis bumper.		
SECTION 3: EXTERIOR			
#	VEHICLE BODY DESIGN	Yes	No
114	The manufacturer's main focus is to provide a self-contained mobile unit defined as the design and meeting the minimum performance standard requirements of the modular body area requested below.		
115	Any manufacturer whose primary business is less than 75% focused on only specialized apparatus builds for emergency apparatus vehicles shall not be considered. This shows a focus on the field of preference and not as a secondary business.		
116	References: Provide three examples of dive trucks or similar specialty vehicles you have built for other agencies and the agency's contact information, so we can contact them.		
#	WORTHINESS OF MODULAR BODY AREA	Yes	No
117	The vehicle shall meet all State and Federal guidelines, code and compliances and safety regulations. The body area shall be designed to equally distribute the curbside-to-street side payload to the maximum degree possible.		
118	Payload distribution with respect to the front and rear axles shall be arranged so as not to exceed the load of either axle.		
119	The modular body shall be designed to withstand intermittent use on unimproved surfaces.		
#	HEAVY DUTY BODY CONSTRUCTION	Yes	No
120	The Modular Custom Body shall be completely designed and manufactured in-house, and shall be an all-aluminum manufactured body utilizing aluminum alloys capable of carrying the maximum payload allowed by the chassis.		
121	All framing and structural supports shall be welded in accordance with the current standards as set forth in the American Welding Society Code.		
122	The Body shall have a seamless finish with no exposed fasteners.		
123	The body shall be attached to the chassis with hardened steel "U" bolts fastened to the chassis and body mounting rails.		

#	HEAVY DUTY BODY CONSTRUCTION (continued)	Yes	No
124	A neoprene-mounting cushion shall be installed between the modular body and the chassis frame.		
125	The body shall be designed and constructed to insure a life expectancy of more than ten years with normal use.		
126	The Body shall also include the following features:		
127	· Welded 0.1875 Aluminum 5052-H32 alloy wheel wells with mud flaps.		
128	· All body trim pieces, hinges, and handles shall be stainless steel or other non-corrosive material.		
129	A 500lb. equipment load capacity shall be provided for each compartment.		
130	A welded formed under-slung body support substructure shall be used without free hanging the body on the chassis to reduce torsional stress and road shock from being transferred to the body to prolong the body life of the vehicle.		
#	WELDING SPECIFICATIONS	Yes	No
131	All materials used for fabrication shall be new and unused.		
132	All structural welds shall be continuous-bead welds. Skip welds may be used in specific areas as the design permits.		
133	All welds shall be of first-quality standard with no slag scale, flux, spatter or pinholes prior to the application of any surface coating.		
134	All welding shall follow procedures as recommended by the American Welding Society (AWS).		
135	A certified AWS weld inspector shall be available for auditing of weld quality in critical locations as required by the design.		
#	BUMPERS	Yes	No
136	The front bumper on the chassis shall be a full width chrome-plated steel bumper.		
137	A rear bumper shall be provided with the vehicle and must be constructed of ASTM A36 and structural A500 steel material.		
138	The bumper shall be a minimum of 3" high with a minimum 10" top deck covered in 1/8" NFPA diamond plate for walking. The bumper shall be 96" wide with 45 degree chamfers on the back outside corners.		
139	To provide adequate support strength, the bumper shall be mounted directly to the rear of the stock chassis frame. The bumper shall be mounted using 1/2" grade 8 bolts to attach to pre-drilled holes in the chassis frame.		

#	BUMPERS (continued)	Yes	No
140	Bottom edges of the side compartments shall be trimmed with a bright aluminum extruded rub rail.		
141	Trim shall be 2.12" high with 1.38" flanges turned outward for rigidity.		
142	The rub rails shall not be an integral part of the body construction, which allows replacement in the event of damage.		
#	COMPARTMENT CONSTRUCTION - BATTERY	Yes	No
143	The battery compartment shall be constructed from 0.125" aluminum sheet, continuously welded to prevent battery gas intrusion into the user area of the vehicle.		
144	Vent fittings shall be installed on the inboard side of the compartment. This vent system includes a 120VAC fan that is activated during charger operation and shall allow for air circulation around the batteries.		
145	The modular body shall be equipped with a dual battery system.		
146	A minimum of two (2) Group 31 lead acid batteries with a minimum of 210 amp hours shall be used to support the modular body and communications loads.		
147	The batteries shall be charged by a converter/charger and protected by a 300 amp in-line fuse.		
#	COMPARTMENT CONSTRUCTION - COMPRESSOR	Yes	No
148	If a compressor is installed on board the dive truck, an additional compartment shall be added to make room for the compressor and all essential equipment. This may require a change of body length dimensions to accommodate the compressor and its related equipment.		
149	The compressor compartment shall be designed and constructed from 0.125" aluminum sheet, continuously welded to prevent carbon monoxide intrusion into the user area of the vehicle.		
150	The floor of the compartment shall be reinforced to withstand a minimum static load greater than the weight of the compressor and associated equipment.		
151	Mandatory air flow through the compartment is critical to the extended operation of the compressor in high ambient temperature conditions.		
152	Fresh air intake and exhaust shall be included and properly positioned to provide maximum air flow while minimizing noise.		

#	COMPARTMENT CONSTRUCTION - COMPRESSOR (cont.)	Yes	No
153	Air louvers that are exposed to the exterior painted surfaces of the vehicle shall be custom designed and manufactured units fabricated from 0.125 aluminum welded to an aluminum frame and shall match the exterior color of the vehicle.		
154	The design of the louver shall provide a minimum air flow and provide a minimum of 85% free air efficiency. Behind the louvers shall be a wire mesh screen to prevent small object infiltration, while maximizing air flow.		
#	COMPARTMENT CONSTRUCTION - GENERATOR	Yes	No
155	A storage compartment shall be installed at the front street side of the modular body that will be used for the generator required by the requested options listed further in this request for proposal.		
156	The compartment shall be fabricated from 0.125" aluminum sheet and be "Sweep out" design.		
157	The generator compartment shall be designed and constructed from 0.125" aluminum sheet, continuously welded to prevent carbon monoxide intrusion into the user area of the vehicle.		
158	The floor of the compartment shall be reinforced to withstand a minimum static load of 1000 pounds.		
159	This requirement is required to support the generator and all related equipment.		
160	Mandatory air flow through the compartment is critical to the extended operation of the generator in high ambient temperature conditions.		
161	Fresh air intake and exhaust shall be included and properly positioned to provide maximum air flow while minimizing noise.		
162	Air louvers that are exposed to the exterior painted surfaces of the vehicle shall be custom designed and manufactured units fabricated from 0.125 aluminum welded to an aluminum frame and shall match the exterior color of the vehicle.		
163	The design of the louver shall provide a minimum air flow and provide a minimum of 85% free air efficiency. Behind the louvers shall be a wire mesh screen to prevent small object infiltration, while maximizing air flow.		
164	The compartment shall be lined with thermal and acoustical insulation to minimize thermal and audible intrusion into the personnel area.		

#	COMPARTMENT CONSTRUCTION - GENERATOR (cont.)	Yes	No
165	The material shall be Polymer Technologies, equal or improved and provide a triple composite insulation system.		
166	The thickness must be 1.3875 inches at a minimum, and shall be bonded to the generator compartment walls and ceiling.		
167	The compartment shall be lighted by a minimum of two compartment lights.		
168	All 12 VDC circuits and battery cables shall be protected in high temperature loom and supported.		
169	All high voltage wiring shall be run in flexible metallic conduit properly sized to handle the circuits and cables.		
170	Service points shall be readily accessible and not blocked by added equipment or devices.		
171	An oil drain system shall be included to prevent drain oil from entering the compartment and provide a secure shutoff and drain hose extension system.		
#	COMPARTMENT CONSTRUCTION - SHORELINE	Yes	No
172	A compartment shall be installed on the curbside of the modular body that will be used for the electrical connections.		
173	The compartment must be fabricated from 0.125" aluminum sheet and be a "Sweep Out" design.		
174	An external Power Inlet, Hubbell 50A 125/250V, 3 pole 4 wire Twist-Lock shall be installed on the street side of the modular body.		
175	The stainless-steel shore power inlet shall have a self-closing cover so that the interior is shielded from the elements when not in use. It shall be watertight when the cover is securely fastened.		
176	The connector shall be used to provide the required 240-volt, 50 amp, single-phase, three-wire AC service to the power distribution panel.		
177	A 50amp 120/240VAC shore power cable, minimum 50ft in length shall be provided as well.		
178	An Automatic Transfer Switch shall be installed in the power system Square D 3-Pole Reversing Contactors, rated 240VAC, 50/60Hz, 0115 Amps Inductive Load.		

#	COMPARTMENT CONSTRUCTION - OTHER STORAGE (EXTERIOR)	Yes	No
179	Storage Compartments shall be installed on the street and curbsides of the modular area body and shall be a continuously welded all-aluminum design.		
180	The compartment shall be fabricated from 0.125" aluminum sheet and be a "Sweep out" design.		
181	These compartments shall offer quick access for easy service and maintenance from the exterior of the vehicle.		
182	All compartments shall have weather strip gaskets around the full perimeter of the doors and non-skid material installed on the sills.		
183	All compartments shall include locking two-stage rotary latches with stainless steel paddle-type handles and dual "Nader Pins" for secure closure.		
184	All compartments shall have automatic DC LED lighting and alarm system protection.		
185	All compartments shall be made of smooth aluminum.		
186	It shall be negotiated at time of build, whether or not adjustable shelving will be installed in any of the exterior storage compartments.		
187	All storage compartments shall have a small circular-filtered air vent in the upper rear corner to allow moisture to escape.		
188	All compartments shall include heavy-duty gas shock closers; one installed per door.		
#	COMPARTMENT KEYS	Yes	No
189	The OEM standard chassis keys shall be provided for the chassis doors.		
190	In addition, a Cipher L1000 lock with keypad shall be installed on the entry door to the body.		
191	This shall Include a latch and 5" backset.		
#	CORROSION PREVENTION	Yes	No
192	Stainless steel hardware shall be used throughout the cab and body construction.		
193	All holes in the cab & body shall be predrilled before painting. Isolation barriers shall be installed between all dissimilar metals to prevent electrolysis and NYK anti-corrosion gel installed on all self-tapping screws.		

#	DOORS - USER ACCESS	Yes	No
194	The doors shall be fabricated by design of the vendor. The doors shall be installed with 3" continuous stainless steel hinges. All door hardware shall be fully adjustable to maintain a perfect alignment throughout the life of the vehicle.		
195	The entry door shall have a minimum width of 29" with a minimum height of six feet and include heavy-duty spring-loaded devices to keep the door open or closed as required.		
196	The compartment and utility doors shall all include heavy-duty stops or stainless steel cable stops for operator convenience.		
197	The compartment doors shall include automatic DC compartment lights that can be manually turned off at the power panel.		
198	The door design shall be a pan formed and welded assembly with 0.125" aluminum sheet forming the exterior skin. Two rotary latches shall be installed in the edge of each door.		
199	The door jamb extrusion shall be welded to the body wall structure. Two striker pins shall be installed in each entry door jamb.		
200	The door handles shall be stainless steel to include locking two stage rotary latches with paddle-type handles and dual door striker pins for secure closure.		
201	All exterior hinges used for entry and compartment doors shall be stainless steel, continuous, (piano type), with a 3" open dimension and a 1/4" diameter hinge pin. Hinge mounting holes shall be slotted to allow door adjustment in two planes.		
202	Holes shall be drilled and tapped in door and jamb extrusions to accept stainless steel fasteners protected with an anti-corrosion material.		
203	The passenger and compartment door gaskets must be designed to match the door jamb extrusions. The gaskets must be extruded from a material designed to satisfy use in extreme ambient temperatures.		
204	There shall be no interruptions in the gasket for door locks, latches or hinges. Gaskets shall be miter cut at the corners and sealed with weather strip adhesive.		
205	Each entry door shall have a tempered tinted glass non-opening window that allows seeing out, not in.		



#	DOORS - USER ACCESS (continued)	Yes	No
206	For entry step safety, two 1¼" non-slip grab handles with rubber inserts that meet NFPA 1901 shall be installed. One shall be installed vertically on the modular body at the opening side of the entry door and one shall be installed on the inside of the door at a 45-degree angle.		
207	The grab handles shall be approximately 30-36 inches in length and be securely mounted to properly reinforced locations within the structure.		
#	DOORS - STEP & RAMP ASSEMBLIES	Yes	No
208	Removable drop-in aluminum steps shall be provided for when the ramp is not in use.		
209	A Pull-Out Ramp shall be provided and stored under the body box for easy walking to/from rear door and ground level. When in use, the ramp will be moved from the under storage area, level with the floor for easy moving to/from the door opening. Ramp shall be long enough so the angle of the ram allows easy walking up and down ramp by team members.		
210	A folding hand rail on one side of ramp shall be installed to be deployed and set up when the ramp is in use.		
211	For entry step safety, two 1¼" non-slip grab handles with rubber inserts that meet NFPA 1901 shall be installed.		
#	DOOR LOCKS & KEYS	Yes	No
212	A Cipher L1000 lock with keypad shall be installed on the body entry door.		
213	It shall include a latch and 5" backset.		
#	FENDERS	Yes	No
214	Stainless steel fender crowns shall be provided around the rear wheel openings. These fender crowns shall be wide enough to prevent splashing onto the body from the specified tires.		
215	A rubber welting shall be provided between the body and the crown to seal the seam and restrict moisture from entering.		
216	A dielectric barrier shall be provided between the fender crown fasteners (screws) and the fender sheet metal to prevent corrosion.		

#	FRAMEWORK	Yes	No
217	All framing and structural supports shall be welded in accordance with the current standards as set forth in the American Welding Society Code. The Body shall have a seamless finish with no exposed fasteners.		
218	The body shall be attached to the chassis with hardened steel "U" bolts fastened to the chassis and body mounting rails. A neoprene-mounting cushion shall be installed between the modular body and the chassis frame. The body shall be designed and constructed to insure a life expectancy of more than ten years with normal use.		
219	The Body shall also include the following features:		
220	· Welded 0.1875 Aluminum 5052-H32 alloy wheel wells with mud flaps		
221	· All body trim pieces, hinges, and handles shall be stainless steel or other non-corrosive material		
#	TRAILER PROVISIONS	Yes	No
222	A minimum of a Class IV Trailer Hitch shall be installed on rear of vehicle.		
223	This shall allow a minimum of a 10,000 lb. Gross Towing Weight/1000 lb. tongue weight towing capacity.		
224	A 2" receiver shall be provided at the rear.		
225	On the chassis side a seven-pin electrical connection for lights and brakes shall be provided.		
#	LIGHTS ON EXTERIOR	Yes	No
226	A minimum of Six (6) Whelen M9 series LED exterior scene lights shall be installed on the exterior of the vehicle, with two (2) curbside, two (2) street side and two (2) on the rear.		
227	The two on the rear shall also serve as back up lights that must be activated along with the standard reverse lights when the transmission is placed in the reverse gear.		
228	The two (2) curb side shall be positioned to illuminate the area under the awning when fully extended. If not possible, an additional area light shall be installed.		
229	There shall be two-way switch scene lights located on the electrical control panel or cab dash.		

#	LIGHTS ON EXTERIOR (continued)	Yes	No
230	Each exterior compartment shall have a 12VDC LED lighting.		
231	The rear (D.O.T.) LED lighting shall consist of the following:		
232	- Two (2) Whelen®, Model M6BTT, red LED stop/tail lights		
233	- Two (2) Whelen, Model M6T, amber LED arrow turn lights		
234	- Two (2) Whelen Model M6BUW, LED backup lights		
235	The lights shall be mounted in polished combination housing.		
236	Two (2) Whelen, Model M6FCV3P, three (3) place chromed ABS housings provided for the rear M6 series stop/tail, directional and back up lights.		
237	The marker and clearance lights shall be Truck-Lite, LED light fixtures.		
238	Truck-Lite NYK-77 anti-corrosive shall be applied to lamp-plug interfaces.		
#	MIRRORS	Yes	No
239	The mirrors on the chassis shall be heated and remote as provided from the chassis manufacturer.		
240	There are no additional mirrors required within the body module.		
#	OUTLETS	Yes	No
241	A minimum of eight (8) 120VAC duplex outlets, two plug-ins each, shall be installed in the body area with one (1) located above each locker.		
242	In addition, on the body interior, one (1) 120VAC/USB duplex outlet with two plug-ins shall be installed in the raceway at each of the workstations.		
243	On the body exterior, a minimum of two (2) 120VAC GFCI duplex outlets, two plug-ins each, with weatherproof covers shall be installed on the exterior curbside; each exterior duplex must be on separate circuits.		
244	Lastly, four (4) additional interior or exterior duplex 120VAC outlets, two plug-ins each, will be provided for determination by the truck committee at a future date by the manufacturer of choice.		

#	EXTERIOR - PAINTING AND GRAPHICS	Yes	No
245	All bodies and applicable parts shall be painted using the Akzo Nobel / Sikkens Autocoat BT System. This is a Base Coat / Clear Coat system that delivers a durable low maintenance and long lasting finish.		
246	The exterior body paint finishing process shall be as follows:		
247	The exterior color shall be chosen by the Dane County Sheriff's Office.		
248	Manual Surface Preparation – All exposed metal surfaces on the body shall be thoroughly cleaned and sanded prior to painting. All imperfections on the surface shall be removed or filled, then sanded smooth. All welds in the body shall be filled and sanded to achieve a smooth seamless finish.		
249	Chemical Cleaning and Treatment – All metal surfaces shall be cleaned to remove all dirt, oil, grease and metal oxides to ensure the subsequent coatings bond well. An Alodine pretreatment shall be applied to ensure proper adhesion and help prevent corrosion.		
250	Sealer Primer Coat – A two-part Epoxy Primer / Sealer shall be applied in a single coat, followed by two coats of a High Build Primer Surfacer. This shall be sanded smooth prior to Top Coating. All seams and gaps shall be sealed with a Urethane seam sealer.		
251	Topcoat Paint – Akzo Nobel Autocoat BT LV650 Basecoat shall be applied to opacity for correct color matching.		
252	Clearcoat – Akzo Nobel Autocoat BT LV650 Clear shall be applied in two single coats to achieve gloss.		
253	All removable items such as brackets, compartment doors, trim, etc...shall be painted separately to insure paint behind all mounted items.		
254	Manual Surface Preparation, chemical cleaning and treatment, primer/surface coats, hand sanding, sealer primer coat, topcoat paint, clear coat - two (2)		
255	coats, certified Sikkens paint process and 10-year paint warranty. All removable items such as brackets, compartment doors, door hinges, trim, etc. must be removed and painted separately to insure paint behind all mounted items.		

#	EXTERIOR - PAINTING AND GRAPHICS (continued)	Yes	No
256	Graphics colors shall be of an excellent quality and colors chosen by the Dane County Sheriff's Office.		
257	At a minimum, graphics should include, "Dane County Sheriff's Office", "Dive Team", the Dive Team logo and any other DOT required labeling. Graphics will be affixed to both sides of the box and the rear door at a minimum. All other graphics will be agreed upon at time of application.		
258	The graphics package allowance shall meet at a minimum the graphics package of existing units already owned by the Sheriff's Office. Pictures shall be provided upon request.		
259	Graphics should meet DOT specifications and requirements.		
#	PANELS & MOLDING (EXTERIOR)	Yes	No
260	The finished wall skin shall be a 0.125 aluminum 5052-H32 alloy material.		
261	The finished wall shall be free of vertical or horizontal seam lines.		
262	The aluminum sheet shall be bonded to the wall tubing using a two-part, glass beaded industrial acrylic adhesive.		
263	The wall section shall be loaded on a horizon plane with a minimum 10 psi to ensure the proper bonding properties are achieved. All skin joints shall be continuously welded to ensure a completely void free seam.		
264	Metal conditioning between the body skin and frame / corner extrusions shall be achieved by applying a BASF Chromate Epoxy 801-703 direct to metal primer.		
265	Additionally, a 3M brand seam-sealer tape shall be applied to the back of the frame extrusions. This process shall create a 4-mil barrier between the skin and extrusion to ensure against galvanic or electrolysis corrosion.		
#	PROTECTIVE TREATMENT	Yes	No
266	All body trim pieces, hinges, and handles shall be stainless steel or other non-corrosive material.		
267	All hardware used shall be of stainless steel.		
268	All exterior fasteners such as machine screws, bolts and sheet metal screws shall be stainless steel.		
269	ECK and isolator barriers will be utilized to prevent the touching of any dissimilar metal.		

#	ROOF	Yes	No
270	The roof structure shall be T-6063 alloy 2" x 3" x 0.125" aluminum tube welded in place on 12" maximum centers, and shall be constructed to ensure a 0.50" crown to facilitate water run-off.		
271	The roof shall be framed around the perimeter with a custom aluminum extrusion with an integrated drip rail.		
272	All roof beams shall be welded in place to the edge extrusions and to other beams. No mechanical fasteners shall be used for the roof, floor or body construction.		
273	Sub structure bracing for aluminum tapping plates of sufficient size and strength shall be welded in place for equipment racks, masts, HVAC platforms, grab handles or other body components.		
274	The roof skin shall be strong enough to be able to be walked on (greater than 300lbs) and utilized for observation and equipment mounting if needed.		
275	Therefore, a minimum of 0.125" NFPA aluminum diamond plate shall be utilized and shall be continuously welded around the perimeter to insure watertight integrity.		
276	Upon completion, the body shall go through a standing water test before moving to the paint finish process.		
277	The roof section shall be fixtured to hold 1" of standing water for more than two hours.		
278	Test shall be observed for water intrusion into the body area and the results documented in the body build log.		
#	ACCESS LADDER	Yes	No
279	A custom aluminum ladder fabricated with 1"x 2" aluminum tubing, painted to match the body, removable, with aluminum tread grip steps and hand rails at the top shall be provided.		
280	It will be mounted on rear of body on the curb side.		
#	SERVICE PANELS	Yes	No
281	All service panels shall be provided with quick release access hardware to allow ease of service.		
#	STEPS	Yes	No
282	All stepping surfaces shall meet NFPA certification for slip resistant products.		
283	For entry step safety, two 1¼" non-slip grab handles with rubber inserts that meet NFPA 1901 shall be installed.		

#	VENTS	Yes	No
284	All storage compartments shall have a small circular filtered air vent in the upper rear corner to allow moisture to escape.		
#	WHEEL HOUSING	Yes	No
285	The body design shall incorporate a lower compartment and wheel wells into a single piece wall construction, eliminating add on skirts.		
286	The construction shall be T-6063 alloy 2" x 2" x 0.125" aluminum tube welded in place on 16" maximum centers.		
#	WINDOWS	Yes	No
287	A pass thru access from the commercial cab to the body module shall be provided. It shall include a removable cover and rubber boot transition.		
288	A window shall also be installed in the upper section of the rear door accessing from the interior to the exterior of the body.		
289	The rear door window of the body shall be tinted with one-way tinting to see out, not in.		
#	WINDSHIELD	Yes	No
290	The standard OEM windshield shall be provided on the commercial chassis.		
#	WINDSHIELD WIPERS	Yes	No
291	The standard OEM windshield washer/wiper system shall be provided on the commercial chassis.		
#	WINDSHIELD MARQUEE	Yes	No
292	The standard OEM windshield washer/wiper marquee shall be provided on the commercial chassis.		
#	FASTENERS	Yes	No
293	All exterior fasteners such as machine screws, bolts and sheet metal screws shall be stainless steel.		
#	AWNING	Yes	No
294	A minimum 18' Manual Awning- Carefree of Colorado, Spirit FX, Vinyl, equivalent or improved shall be provided on the curb side of the vehicle.		
#	SUIT HOOKS	Yes	No
295	Stainless Steel hooks shall be provided on the exterior of the truck, along both sides and rear of the box to allow dive equipment to hang dry.		
296	A minimum of 12 exterior hooks shall be mounted on driver's side, two (2) exterior hooks on the curb side (that do not interfere with the awning and two (2) exterior hooks on the rear of the box (opposite the door), all at a height that keeps dry suits and other equipment from touching the ground.		

<b>SECTION 4: INTERIOR</b>			
<b>#</b>	<b>BULLETIN/WHITE BOARDS</b>	<b>Yes</b>	<b>No</b>
297	There shall be a dry-erase white board attached above the workstation counter that should try to extend the full length of the countertop.		
<b>#</b>	<b>CLOCK</b>	<b>Yes</b>	<b>No</b>
298	Small battery-operated or electric-wired digital clock – powered by the 12-volt system, may be added to the interior of the body in a position that does not interfere with doors or other equipment.		
<b>#</b>	<b>ALARMS</b>	<b>Yes</b>	<b>No</b>
299	The body modular shall be provided with smoke and CO detectors, per zone (ops / conference) and powered by the 12-volt system.		
<b>#</b>	<b>STREET SIDE INTERIOR LOCKER CONSTRUCTION</b>	<b>Yes</b>	<b>No</b>
300	There shall be a minimum of eight (8) cabinet grade, fully laminated lockers evenly spaced along the driver's side wall within the body box. Note: See dimensions above for size requirements.		
	Each locker must be set up as follows:		
301	1. A Wet Storage area will be provided under each lift up bench seat in the bottom of each locker.		
302	2. Each wet storage area under each seat shall be designed to drain excess water outside the truck.		
303	3. All wet storage areas under each seat shall be ventilated with a fan / airflow system (Saber vent system, equivalent or improved). This system is described later within this proposal.		
304	4. Each locker shall open to the aisle for storage of one full SCBA tank with associated dive gear on tank.		
305	5. Non-Plastic tank storage holders shall be provided, made of a steel Ziamatic style with restraint straps to hold the bottles in place, especially during vehicle operation.		
306	6. A total of eight (8) Ziamatic Tank Storage holders with straps shall be provided. One (1) affixed in each locker.		
307	7. Each locker shall have hanging hooks on each side wall and rear above the tank storage area for hanging masks, fins and other equipment. A total of three (3) hanging hooks shall be affixed in each locker.		
308	8. A Mus-tower dry storage area above each locker with door shall be provided in each locker.		



#	STREET SIDE INTERIOR LOCKER CONSTRUCTION (cont.)	Yes	No
309	9. Each dry storage area shall have a top hinged door to open toward the ceiling.		
310	10. A positive stay-open on each overhead cabinet door will be provided to hook open the door to the ceiling or equivalent gas strut to hold the door open will be provided.		
311	11. Each storage locker shall be a minimum of 28" wide to allow diver to sit inside the locker on the seat while dressing in dive gear.		
312	12. There shall be one (1) duplex shoreline outlet (with two plug-ins) in each dry storage area above each locker that must charge off shoreline and then switch to generator on the auto transfer switch for charging on scene. There shall be a total of eight (8) outlets (16 plug-ins), one (1) affixed in each locker.		
#	CURB SIDE INTERIOR CONSTRUCTION	Yes	No
313	Two (2) divided open-hanging lockers open from the floor to ceiling shall be provided on the curb side of the body interior.		
314	The first hanging locker shall be at least 4' wide for hanging wet suits. This area must have drains in the floor below the locker to allow water to drain out to the exterior of the truck.		
315	The second hanging locker shall be at least 2' wide for hanging dry suit woolies.		
316	There shall be a small storage locker with a door above the refrigerator with adjustable shelving.		
317	There shall be two (2) storage lockers in the rear section of the curb side, from ceiling to floor, with a divider just above the air tanks stored in the first locker.		
318	One (1) storage locker shall contain spare air tanks, stored in the bottom of the locker and space for storage on top. The second (2) storage locker and the section above the air tanks, shall have adjustable shelving unless they are designed as a pull-out drawer slide. The storage lockers will have durable doors to close the locker compartments.		
319	The tank storage locker shall hold at least 15 air tanks in the locker compartment.		

#	INTERIOR CABINET CONSTRUCTION	Yes	No
320	Interior cabinets shall be constructed of aluminum panels, aluminum extrusions and zinc plated, aluminum or stainless steel fasteners. No rivets shall be used and all components shall be CNC punched.		
321	The principal walls, shelves and frames shall be fabricated from .063" aluminum and pre-punched with all required assembly and mounting slotted holes.		
322	Latches shall be a full width extruded pull handle with integrated self-latching mechanisms that allow one hand unlatching and opening on the entire width of the panel.		
323	The finish shall be a polyester powder coat, colored light gray. Drawer slides must be all steel double carriage ball bearing, full extension slides capable of withstanding 234 lbs. loading per drawer. Doors shall be formed to a 1" thickness from a single sheet of aluminum. Countertops shall be industrial-grade laminate bonded to ¾" plywood.		
#	DESK/COUNTER/SEATING	Yes	No
324	A fold-up workstation shall be provided at the front of the body module on the curb side, minimum of 30" high.		
325	This workstation shall be used as a command post and work station when needed. The workstation shall be a minimum of 58" in length.		
326	When not in use, it will be designed to fold and stow away against the wall allowing seats to be used below.		
327	Two (2) adult-sized fold-down jump seats with restraint belts shall be provided under the workstation area.		
#	DESK/COUNTER LAYOUT	Yes	No
328	This workstation shall be used as a command post and work station when needed with power point access as well as electrical outlet, two duplex, four outlet provisions for a laptop computer and other electronics that shall be powered by shoreline power, generator or while vehicle engine is running.		
329	When not in use, the counter shall be designed to fold and stow away against the wall allowing seats to be used below.		
#	DESK/COUNTER WORKSTATION WIRING PROVISIONS	Yes	No
330	A minimum 1" x 4" cable duct shall be run from the equipment racks to provide for communication cabling to the work stations.		

#	TOOLBOX	Yes	No
331	Inside the body module shall be a C-Tech 8- drawer tool box, equivalent or improved provided.		
332	This toolbox shall be used for storage of tools, regulators, dive mask parts and other essential dive equipment.		
333	The eight (8) drawer sizes shall be determined at time of print approval based on the equipment being stored within it.		
#	FLOOR	Yes	No
334	The floor structure shall be 2" x 3" x 0.25" T-6063 aluminum tubing on 16" maximum centers. The cross section of the floor shall be as follows:		
335	a. ½" Neoprene spacer glued in place on top of the chassis frame rails.		
336	b. Body floor structure shall be welded to two 4" x 8" aluminum I-beams for maximum stability. The purpose is to create a flat floor interior and to maximize underbody compartment capacity.		
337	c. Aluminum 0.063 sheeting on the bottom of the body floor structure shall be welded in place, then completely sealed between each tube section using a Dow urethane sealant to provide a moisture barrier before the sub-floor is installed.		
338	d. Main frame section shall be 2" x 3" x 0.25" aluminum tubing on 16" maximum centers welded in place to the I-beams.		
339	e. A minimum 2" of a 2-part Dow Chemical polyethylene insulating foam shall be sprayed in place between floor structure tubing members.		
340	f. The sub-flooring shall be ¾" Okume 10-ply; void free plywood screwed in place to the floor tube structure. Each fastener location shall be countersunk, treated with body filler and sanded to a smooth even finish.		
341	g. The floor shall be finished with black Lonseal heavy-duty vinyl flooring. An 8-foot-wide material shall be used to eliminate seams in the finished floor.		
#	HANDRAILS	Yes	No
342	For entry step safety, two 1¼" non-slip grab handles with rubber inserts that meet NFPA 1901 shall be installed.		
343	One handrail shall be installed vertically on the modular body at the opening side of the entry door and one handrail shall be installed on the inside of the door at a 45-degree angle.		
344	The grab handles shall be approximately 30-36 inches in length and be securely mounted to properly reinforced locations within the structure.		

#	INSULATION	Yes	No
345	The walls shall be insulated with a minimum of 2", sprayed in two-part Dow Chemical polyethylene insulating foam. The insulation shall be covered with 3/8" centra and screwed to the aluminum wall structure. The walls shall be finished with white aluminum panels.		
346	The floor shall be insulated with minimum of 2", sprayed in two-part Dow Chemical polyethylene insulating foam. The insulation shall be covered with 3/4" coosa and screwed to the aluminum floor tubes. The floor shall be finished with aluminum panels and finished with a non-slip surface.		
347	The ceiling shall be insulated with minimum of 2", sprayed in two-part Dow Chemical polyethylene insulating foam. 3/8" plywood shall be applied to the bottom of the roof structure and finished with gray-colored commercial grade non-static sound absorbing carpet that matches the interior walls.		
#	INTERIOR PANELING SURFACES	Yes	No
348	The finished wall skin shall be a minimum of 0.125 aluminum, 5052-H32 alloy material.		
349	The finished wall shall be free of vertical or horizontal seam lines.		
350	The aluminum sheet shall be bonded to the wall tubing using a 2-part, glass beaded industrial acrylic adhesive.		
351	The wall section shall be loaded on a horizon plane with a minimum 10 psi to ensure the proper bonding properties are achieved.		
352	All skin joints shall be continuously welded to ensure a completely void free seam.		
353	Metal conditioning between the body skin and frame / corner extrusions shall be achieved by applying a BASF Chromate Epoxy 801-703 direct to metal primer.		
354	Additionally, a 3M brand seam-sealer tape shall be applied to the back of the frame extrusions. This process shall create a 4-mil barrier between the skin and extrusion to ensure against galvanic or electrolysis corrosion.		

#	PANELING (WALLS & CEILING)	Yes	No
355	The wall structure shall be designed to incorporate framing around all doors, windows and I/O panels.		
356	The design shall also incorporate the lower compartments and wheel wells into a single piece wall construction, eliminating add on skirts.		
357	The construction shall be T-6063 alloy 2" x 2" x 0.125" aluminum tube welded in place on 16" maximum centers. Aluminum tapping plates of sufficient size and strength shall be welded in place for masts, ladders, and any other body mounted components that may be added to the structure.		
358	Main door frames and the lower horizontal main tube section shall incorporate 2" x 3" x .25" tubing for maximum support. The top tube section shall mate perfectly with a custom corner extrusion that creates a 2" continuous seal along the upper body ridge before the wall skin is applied.		
359	The finished wall skin shall be a 0.125 aluminum 5052-H32 alloy material. The finished wall shall be free of vertical or horizontal seam lines. The aluminum sheet shall be bonded to the wall tubing using a 2-part, glass beaded industrial acrylic adhesive. The wall section shall be loaded on a horizon plane with a minimum 10 psi to ensure the proper bonding properties are achieved. All skin joints shall be continuously welded to ensure a completely void free seam.		
360	Metal conditioning between the body skin and frame / corner extrusions shall be achieved by applying a BASF Chromate Epoxy 801-703 direct to metal primer.		
361	Additionally, a 3M brand seam-sealer tape shall be applied to the back of the frame extrusions. This process shall create a 4-mil barrier between the skin and extrusion to ensure against galvanic or electrolysis corrosion.		
#	RADIO/AUDIO DEVICES	Yes	No
362	A list of all customer-to-furnish equipment (to be installed after delivery) will be made available to the manufacturer to allow for consideration of vehicle preparation, materials and labor for installation and proper fitting and integration.		
#	SAFETY EQUIPMENT	Yes	No
363	The manufacturer shall provide in loose equipment at a minimum per DOT regulations:		
364	- Two (2) five pound fire extinguishers – one (1) in cab and one (1) in the body module.		
365	- A set of three (3) reflective safety triangles.		

#	SEATING	Yes	No
366	There shall be a minimum of two (2) Fold-Down upholstered seats with lap belts installed in the body module area.		
#	SHELVING	Yes	No
367	Shelving within the lockers will be adjustable to meet equipment storage needs.		
#	REFRIGERATOR	Yes	No
368	A refrigerator- Norcold 2.7 cubic foot, equivalent or improved model and size, AC/DC, shall be installed in lower cabinet area within the body module.		
#	SUN VISORS	Yes	No
369	The standard sun visors shall be provided on the OEM chassis.		
370	Any additional sun visors may be offered by manufacturer.		
#	INTERIOR BODY MODULE DRYING SYSTEM	Yes	No
371	A minimum of two (2): FAN-TASTIC MODEL 12000 RDMS 14" X 14" ROOF VENT(S) A Fan-Tastic Model #2000 RDMS (equivalent or improved) "RV style" 14" X 14" electric/manual vents shall be installed in the roof of the module body.		
372	The system shall include a quiet 12-volt ceiling fan with 3-speeds, on/off switch, up and down switch and a rain sensor.		
SECTION 5: LIGHTING, AIR CONTROL, ELECTRICAL SUPPLY & AUXILIARY POWER SYSTEM			
#	BREAKER PANEL	Yes	No
373	A Power Distribution Panel shall be provided and shall consist of an anodized black aluminum panel with white laser etched descriptions for every breaker and switch.		
374	The panel shall be equipped with 120/240-volt, 50 amps, single-phase, three-wire system that has appropriately sized circuit breakers.		
375	An Analog Frequency/Amps/Volt meter shall be located on the main power distribution panel. Its features shall include frequency display 55 to 65Hz, Ammeter display 0 to 100amps, AC Voltmeter display 0 to 150vac with selector switch between phases. A surge suppression device that meets the requirements of ANSI and IEEE shall be installed per phase located in the power distribution enclosure. Other appropriately sized circuit breakers shall be installed for 12 VDC applications.		

#	BREAKER PANEL (continued)	Yes	No
376	A manual power transfer switch shall be located in the electrical distribution panel for selection of either generator power or shore power. The transfer switch shall switch both hot legs and the neutral, keeping all power sources isolated.		
377	The panel shall also contain DC meters for monitoring voltage and generator hours.		
378	A Generator remote start/stop switch and Line Alive indicators for Shore power, generator and night service shall be provided.		
379	The panel shall be hinged to provide easy service entrance for maintenance.		
380	An Automatic Transfer Switch shall be installed in power system Square D 3-Pole Reversing Contactors, rated 240vac, 50/60Hz, 0115 Amps Inductive Load.		
#	GENERATOR	Yes	No
381	A 12KW 120/240VAC 60 Hz diesel-powered generator shall be installed.		
382	The generator compartment shall be soundproofed to attenuate noise to the maximum degree possible.		
383	The generator and muffler shall be mounted as required to suppress sound and vibration.		
#	GENERATOR - SHUTDOWN SYSTEM	Yes	No
384	The generator shall be equipped with sensors that must activate the generator shut down system during low oil pressure and high water temperature.		
#	GENERATOR - BLOCK HEATER	Yes	No
385	The generator shall be equipped with an engine block heater (if available) from the generator manufacturer as an OEM feature.		
#	GENERATOR - REMOTE START	Yes	No
386	The generator shall include a remote Start/Stop preheat switch and an hour meter located in the modular body power distribution panel.		
#	GENERATOR - FUEL SUPPLY	Yes	No
387	Fuel supply for the generator shall be from the chassis fuel tank. The system shall be designed and installed to leave a minimum of 10% of fuel in the tank when the generator runs out of fuel.		

#	GENERATOR - 12V DC ALTERNATOR	Yes	No
388	The generator shall be equipped with a 12VDC alternator that shall be wired to charge the modular body battery as well as satisfy all 12VDC systems of the generator.		
#	GENERATOR - NIGHT SERVICE	Yes	No
389	A "Night Service" 120VAC auxiliary AC input shall be installed to allow connection of chassis and generator block heaters and the battery charger/converter. This circuit is used when the vehicle is on the road and standard external power is not available overnight.		
#	120/240V AC WIRING	Yes	No
390	Wire sizes shall be determined per circuit requirements and in accordance with the National Electrical Code. All 120/240VAC wiring shall be routed through cable raceways. Fixed wiring systems that are not in a raceway shall be routed in metallic flexible conduit rated at not less than 194 degrees Fahrenheit.		
391	Type SO cord with a rating at least 600 volts shall be use on equipment plugged into receptacles. All wires shall be type THHN, THW or Type SO cord.		
392	Electrical cords or conduits shall be supported within six inches of any junction box and at a minimum of every 24 inches of continuous run. All wiring shall be secured and fastened at all bends and shall be protected against chaffing and damage. Wiring shall be concealed but easily accessible for repairs.		
393	All circuits shall be properly grounded in accordance with the National Electrical Code NEC-250-6. All wires and cables shall be mark at each end with a function number that is documented in the AC schematic and described in the wire list.		
394	All wiring and associated equipment shall be tested by the manufacturer or Installer and Quality Assurance personnel. Electrical Polarity verification shall be made on all permanently-mounted equipment and receptacles.		
395	An As-Built AC schematic and wire list shall accompany the vehicle upon delivery.		



#	ELECTRICAL WIRING - ONBOARD AND SHORE HOOK UP	Yes	No
396	All DC wires shall be of a heat-resistant type that meets SAE J1128 type SXL and/or Multi-Conductor, Tinned Copper Conductors, PVC Insulation Cable. (Multi-conductors shall be used only for Control and Instrumentation inside the modular body) The wires shall be loomed and routed the maximum distance away from possible high heat sources and properly clamped to body or frame members to preclude chaffing on other components.		
397	Where holes are cut in the body structure for wiring they shall have the whole circumference grounded and filed smooth and rubber grommets shall be installed. The wiring harnesses shall be function-coded every four inches and of a gauge that is rated to carry 125% of the maximum current for which the circuit is projected. All wires and cables shall be marked at each end with a function number that is documented in the DC schematic and described in the wire list.		
398	Battery cables shall be sized to match the OEM cables with crimped terminals and a black shrink tubing protecting the negative terminals and red for the positive terminals.		
399	An As-Built DC schematic and wire list shall accompany the vehicle upon delivery.		
#	POWER CONVERTER/CHARGER	Yes	No
400	One 120VAC to 12VDC Progressive Dynamic marine-grade 80-amp power converter shall be provided to support the 12VDC electrical load and charge the batteries during generator or shore power operations.		
#	ELECTRICAL WIRING SCHEMATICS	Yes	No
401	An As-Built DC schematic and wire list must accompany the unit upon delivery.		
#	HVAC	Yes	No
402	The body module area shall contain two (2) additional roof mounted air conditioners rated at a minimum 15,000 BTU each. Each unit shall be centrally located with respect to each area and must discharge through a ceiling mounted discharge / return air vent.		
403	In addition to the chassis OEM Climate Control package, there shall be two (2) 110V wall-mounted heaters rated at a minimum 5000 BTU each, installed in the interior of the body. One shall be mounted on the back wall and one shall be mounted in the forward area to allow adequate climate coverage within the entire body module.		

#	AIR COMPRESSOR	Yes	No
404	An electric air compressor installed on board for the purpose of filling air tanks.		
405	The compressor shall be a BAUER OCEANUS BREATHING AIR COMPRESSOR-SCUBA. E1 = Single phase electric, 230 VAC/60 Hz., 3-STAGE, 5HP, 4.9 SCFM.		
406	Standard Features: BAUER P0 breathing air		
407	purification system, Belt guard designed to		
408	meet OSHA guidelines, inlet filter, vibration		
409	isolators, high temperature switch (G drives), five foot fill hose assembly with fill adapter, pressure gauge and bleed valve. Sturdy, long lasting low pressure oil pump,		
410	Large oil sump allows shipboard inclination		
411	of 30° (20° G drive).		
412	Capable of filling / maintaining up to a two		
413	cylinder 5000 psig DOT storage system.		
414	It shall contain corrosion-resistant coolers and a stainless steel frame.		
415	OCEANUS Typical dimensions: 32L x 18W x 23H		
416	OCEANUS Ballpark weight: 96 - 135lb		
417	NOTE: If compressor is on board, generator will most likely need to be 40KW instead of 12KW.		
#	LIGHTING - INTERIOR	Yes	No
418	A minimum of eight (8) 12-volt ceiling-mounted I2 white, dimmable LED light fixtures with switches shall be installed in the interior areas.		
419	These lights shall be individually switched in zones, by switches on each light fixture and at the electrical Power Distribution Panel.		
#	LIGHTING - EXTERIOR	Yes	No
420	A Whelen 54" Liberty™ II Solo WC Series Light bar, equivalent or improved, fully populated w/ (8) Solo Series Linear-LED® Flasher light heads, on a SS permanent / Adjustable Mounting Bracket to the roof of cab shall be installed.		
421	The color shall be determined at time of construction review.		
422	There shall be a minimum of six (6) Whelen M9 series LED exterior scene lights installed on the exterior of the vehicle, with two (2) curbside, two (2) street side and two (2) on the rear.		

423	The two (2) scene lights on the rear shall also serve as back up lights that shall activate along with the standard reverse lights when the transmission is placed in the reverse gear.		
424	There shall be one (1) scene/exterior light that sheds light under the awning when in use, unless the other two exterior scene lights on the curb side adequately illuminate the area under the awning when fully extended.		
425	The scene lights shall be two-way switched from the electrical control panel or cab dash.		
426	Each exterior compartment shall have 12VDC LED lighting.		
427	There shall be a minimum of fourteen (14) Whelen M6 series Super-LED Steady burn LED warning lights installed to cover all NFPA zones.		
428	The colors shall be determined by the Dane County Sheriff's Office at time of construction review. The lights shall be provided with an ELF44 flasher.		
429	All Whelen lights shall come included with a metal chrome flange for mounting.		
<b>SECTION 6: MISCELLANEOUS</b>			
<b>#</b>	<b>BIDS SUBMITTED</b>	<b>Yes</b>	<b>No</b>
430	Bids shall be valid as submitted for 90 days from date of bid opening.		
<b>#</b>	<b>DELIVERY</b>	<b>Yes</b>	<b>No</b>
431	The Vendor shall specify expected delivery date. Delivery shall be made from the contractor to the Dane County Sheriff's Office, 115 W. Doty Street, Madison, Wisconsin 53703, by an accredited transporter or drive-away service fully covered by insurance which must absolve the Dane County Sheriff's Office from any claims for damage incurred while in transit. Full responsibility shall be assumed for delivery in acceptable condition by the Contractor.		
432	Equipment being delivered shall have a delivery slip in duplicate. The original shall be returned to the Contractor and the copy retained by the Dane County Sheriff's Office. Owner's name must be listed as "Dane County Sheriff's Office", 115 W. Doty Street., Madison, WI 53703.		
433	Full on-site training shall be provided by a factory-authorized training representative after delivery.		
434	Equipment shall be serviced by Contractor before delivery.		

#	DESIGN, LAYOUT & SCHEME	Yes	No
435	All of the aesthetic design decisions shall be approved by the Dane County Sheriff's Office representative prior to installation. Decisions shall be made within ten (10) days of receiving samples from the successful bidder.		
436	Graphics package allowance shall be included to match the existing agency's specialty vehicles.		
#	PARTS LIST & MANUAL	Yes	No
437	Two (2) complete service, operation, troubleshooting manuals and parts lists shall be provided with the completed unit, covering the exact body equipment manufactured by the bidder as well as all purchased equipment furnished by sub-contractors. Manuals shall be provided in soft and hard copies – All documents "As Built" – not generic overviews.		
438	a) OEM Chassis manuals and individual OEM component manuals shall be included as provided by the OEM manufacturers		
439	b) Two sets of As-Built Electrical Schematics in B size (11 x 17) AC and DC schematics, and one set of laminated A size (8 1/2 x 11) AC and DC schematics shall be supplied.		
440	c) Two sets of As-Built Systems Diagrams in B size (11 x 17) (Audio, Video, Network/data, Phones, RF, and systems DC diagrams minimum), and one set of laminated As-Built Systems Diagrams in A size (8 1/2 x 11) shall be supplied.		
#	WARRANTY & PARTS	Yes	No
441	The apparatus shall be third-party, independent bumper-to-bumper audit-certified through Underwriters Laboratory (UL) to the current edition of NFPA 1901 standards.		
442	Extra parts for the Dive Truck engine, generator, HVAC system, and any other on board systems shall be provided for an additional <u>15 years</u> after the commissioning of the new Dive Truck.		
443	A local maintenance facility within Dane County that can provide warranty service by the manufacturer shall be required.		
#	MAINTENANCE/SERVICE	Yes	No
444	The manufacturer shall have a dedicated parts and service organization operating 24/7 – Within Dane County.		
445	The manufacturer shall have a website dedicated solely to service and parts that is updated daily to have the most current parts and bills of material by the unit's individual job number.		

#	ADDITIONAL WARRANTY ITEMS	Yes	No
446	The manufacture shall warrant the vehicle against defects in material and workmanship for a period of not less than one (1) year.		
447	The manufacturer shall warrant the welded structure and skin of the body of the unit against defects in material and workmanship for a period of not less than ten (10) years.		
448	The manufacturer shall warrant the fabricated parts and paint of this unit against defects in material and workmanship for a period of not less than five (5) years.		
449	The manufacturer shall warrant the electrical system of this unit against defects in material and workmanship for a period of not less than two (2) years.		
450	OEM equipment warranties must be provided by the OEM.		
#	CONTRACTOR CERTIFICATION	Yes	No
451	The manufacturer shall hold an ISO 9001 certification for all facilities including aftermarket service and repairs to show dedication to excellence.		
452	Only companies with ISO 9001 certification as a manufacturing facility shall be considered.		
#	SINGLE SOURCE	Yes	No
453	Bids shall only be accepted from a single source apparatus manufacturer.		
454	The definition of single source is a manufacturer that designs and manufactures their products using an integrated approach, including the chassis, cab, and body being designed, fabricated and assembled on the bidder's premises.		
455	The electrical system (hardwire or multiplex) shall be both designed and integrated by the same apparatus manufacturer.		
456	The warranties relative to these major components (excluding component warranties such as engine, transmission, axles, etc.) shall be from a single source manufacturer and not split between manufacturers (i.e. body, electrical and chassis).		
457	The bidder shall provide evidence that they comply with this requirement.		

#	DRAWINGS	Yes	No
458	A full set of drawings shall be provided with the proposal exact to the apparatus being quoted. No generic or similar unit prints shall be accepted.		
459	A drawing of the proposed apparatus shall also be prepared and provided to the purchaser for approval before construction begins.		
460	The drawing shall indicate the chassis make and model, location of the lights, siren, horns, compartments, major components, etc.		
461	A "revised" approval drawing of the apparatus shall be prepared and submitted by the manufacturer to the purchaser showing any changes made to the approval drawing during the process.		
#	NFPA COMPLIANCE	Yes	No
462	This unit shall comply with the NFPA standards effective January 1, 2016, except for department specifications that differ from NFPA specifications. These exceptions shall be set forth in the Statement of Exceptions.		
463	Certification of slip resistance of all stepping, standing and walking surfaces shall be supplied with delivery of the apparatus.		
464	All horizontal surfaces designated as a standing or walking surface that are greater than 48.00" above the ground shall be defined by a 1.00" wide line along its outside perimeter. Perimeter markings and designated access paths to destination points shall be identified on the customer approval print and are shown as approximate. Actual location(s) shall be determined based on materials used and actual conditions at final build. Access paths may pass through hose storage areas and opening or removal of covers or restraints may be required. Access paths may require the operation of devices and equipment such as the aerial device or ladder rack.		
465	A plate that is highly visible to the driver while seated shall be provided. This plate shall show the overall height, length, and gross vehicle weight rating.		
466	The manufacturer shall have programs in place for training, proficiency testing and performance for any staff involved with certifications.		
467	An official of the company shall designate, in writing, which is qualified to witness and certify test results.		

#	U.L. CERTIFICATION	Yes	No
468	The apparatus proposed by the bidder shall meet the applicable requirements of the National Fire Protection Association (NFPA) as stated in current edition at time of contract execution. Department's specifications that differ from NFPA specifications shall be indicated in the proposal as "non-NFPA".		
469	To assure the vehicle is built to current NFPA standards, the apparatus, in its entirety, shall be third-party, independent, audit-certified through a third party, that it is built and complies to all applicable standards in the current edition of NFPA 1901. The certification includes: all design, production, operational, and performance testing of not only the apparatus, but those components that are installed on the apparatus (no exception).		
470	A placard shall be affixed in the driver's side area stating the third-party agency, the date, the standard and the certificate number of the whole vehicle audit.		
471	The unit has a generator installed. The generator shall be tested, approved, and certified at the manufacturer's expense. The test results shall be provided to the Department at the time of delivery.		

\*See next page for Deviations section

## Specification Deviations

Check One:

- ☐ Deviations – No deviations from specs
- ☐ Deviations – See list below

Item #	Deviation Explanation
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[illegible]



PRICE PROPOSAL	
NAME OF COMPANY:	

For the price(s) listed below, our company hereby offers to provide the following item(s) in accordance with the specifications of this bid. Pricing must include delivery.

**New Dive Team Response Vehicle**

\$ \_\_\_\_\_

Deviations (Yes or No): \_\_\_\_\_

Delivery Days after receipt of order: \_\_\_\_\_

To be delivered to: Dane County Sheriff's Department  
115 W Doty Street  
Madison, WI 53703

**Manufacturer Specifications:**

Manufacturer specification sheets must be submitted with the bid.

<b>DATA SHEET</b>	
<b>NAME OF COMPANY:</b>	

For the price(s) listed below, our company hereby offers to provide the following item(s) in accordance with the specifications of this bid. Pricing must include delivery.

**Warranty description:**

**Name of Madison area service facility:**

**Year, Make, Model:**

**Manufacturer's rating chassis:**

**GVWR:**

**Engine type:**

**Engine HP:** \_\_\_\_\_ **HP at** \_\_\_\_\_ **RPM**

**Engine ci:**

**Engine cost:**

**Transmission type:**

**Transmission filter:**

**Restriction indicator:**

**Transmission cost:**

**Front axle capacity:**

**Front axle type:**

**Rear axle capacity:**

**Rear axle ratio:**

**Wheelbase:**

**Wheel cut:**

**Turning radius:**

**Tire type:**

**Wheel type:**

**Brake type:**

**Compressor type:**

**Air dryer type:**

**Alternator size and brand:**

<b>Fuel tank capacity:</b>
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<b>Generator Make, Model, Rating:</b>
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<b>Generator cost:</b>
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<b>Compressor Make, Model, Rating:</b>
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<b>Compressor Cost:</b>
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<b>HVAC body Make, Model, Rating:</b>
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<b>Name of Madison area service facility:</b>
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<b>Cab Make, Model, Rating:</b>
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<b>Name of Madison area service facility:</b>
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<b>Exterior Length:</b>
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<b>Exterior Width:</b>
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<b>Exterior Height:</b>
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<b>Interior Width:</b>
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<b>Interior Height:</b>
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<b>Composition of exterior panels:</b>
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<b>Floor covering type:</b>
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<b>Cubic feet of additional storage:</b>
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