

Regional Water Resource Agency

Request for Proposal

Bid Name	Diesel Utility Vehicle
Bid Number	2023-12
Bid Opening Date and Time	Tuesday, August 16, 2022 at 2 PM (CST)
Bid Type	Public Opening- Open and Read Aloud

TO ALL PROSPECTIVE BIDDERS:

You are hereby invited to submit a bid for the item(s) specified within.

All Bidders are responsible for reading and complying with the attached specifications.

The Bidder certifies that all exceptions and conflicts to these contract documents have been detailed on the "Bidder's Exceptions, Conflicts and Clarifications" on page 3 of this document.

Pages contained within this bid package shall not be electronically altered. Failure to comply with these instructions may result in the rejection of the Bidder's proposal.

BIDDER'S INFORMATION:

Company's Legal Name: _____

Address: _____

City, State & Zip Code: _____

Telephone Number: _____

Fax Number: _____

Authorized Email Address: _____

Authorized Signature: _____

Printed Name: _____

Bidder's Exceptions, Conflicts and Clarifications

If there are no exceptions taken, please CHECK and INITIAL the line below.

NO EXCEPTIONS: _____

If exceptions are taken to the bid, please complete the following page, identifying each exception.

The Bidder certifies that he agrees to all provisions of the bid documents, unless exceptions are specifically and clearly listed on the attached pages of this document and identified as exceptions.

Exceptions to the bid specifications should be noted by number on the appropriate specification sheet and those exceptions are to be explained in the attached pages.

Any and all exceptions to the bid proposal must be spelled out in writing on the attached pages; this includes any exception in the Bidder's "Terms and Conditions". The Bidder's printed "Terms and Conditions" are not considered specific exceptions.

Exceptions NOT listed on the attached RWRA Document will not be taken into consideration; this includes the Bidder's attachments, documents, and/or terms and conditions.

Any reference to "See attached exceptions" will not be considered, EXCEPTIONS must be listed on the attached RWRA document.

Copies can be made of the RWRA Exceptions document if additional space is needed.

Bidder acknowledges that ALL exceptions have been included on the "RWRA Specifications" page(s).

Date: _____

Company Name: _____

Company Representative: _____

Bidder's Exceptions, Conflicts and Clarifications

Any reference to "See attached exceptions" will not be considered, EXCEPTIONS must be listed on the RWRA provided document. Copies of this page may be made if additional space is needed.

Vendor's Statements Pursuant to KRS 45A.343 and KRS 45A.395

KRS 45A.343:
The undersigned, as a duly authorized officer of _____ pursuant to KRS 45A.343 states:

1. To the best of my knowledge, information and belief, _____ has not been finally determined to have violated any of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341 or 342 that apply to it within the five-year period preceding this statement.

2. _____ acknowledges that it will be required to be in compliance with those provisions of KRS Chapters 136, 139, 141, 337, 338, 341 and 342 that apply to it for the duration of the contract to be entered into with Regional Water Resource Agency.

3. _____ acknowledges that if it fails to reveal any final determination of violation of KRS Chapters 136, 139, 141, 337, 338, 341 or 342 or to comply with the applicable provisions of those statutes for the duration of the aforesaid Contract, such shall be grounds for Regional Water Resource Agency to:
 - a. Cancel its contract with _____, and

 - b. Disqualify _____ from eligibility for future contracts awarded by Regional Water Resource Agency for a period of two years.

KRS 45A.395:
The provisions of KRS45A.395 require that any bidder or offeror submit a sworn statement in conformity with such statute as a prerequisite to a determination that such bidder or offeror is a responsible bidder. The undersigned, individually and as the _____ (title) of _____ (bidder or offeror) states under penalty perjury that neither he (she), not, to the best of his (her) knowledge, anyone acting on behalf of Bidder or Offeror, has knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky and that the award of a contract to the Bidder or Offeror will not violate any provision of the campaign finance laws of the Commonwealth. "Knowingly" means, with respect to conduct or to a circumstance described by a statute defining an offense, that a person is aware or should have been aware that his conduct is of that nature or that his conduct is of that nature or that circumstance exists.

(Company Name)

(Signature) (Title)

(Typed or printed name)

This the _____ day of _____, 20_____.

Prohibition of Conflicts of Interest, Gratuities, Kickbacks and Use of Confidential Information

Kentucky law prohibits conflicts of interest, gratuities, kickbacks and the use of confidential information with regard to any public contract or a solicitation or proposal therefore. The prohibitions are set for in KRS 45A.455, which provides:

1. It shall be a breach of ethical standards for any employee with procurement authority to participate directly in any proceeding or application; request for ruling or other determination; claim or controversy; or other particular matter pertaining to any contract or subcontract, and any solicitation or proposal therefore, in which to his knowledge:
 - a. He, or any other member of his immediate family has a financial interest therein; or
 - b. A business or organization in which he or any member of his immediate family has a financial interest as an officer, director, trustee, partner, or employee, is a party; or
 - c. Any other person, business or organization with whom he or any member of his immediate family is negotiating or has an arrangement concerning prospective employment is a party. Direct or indirect participation shall include but not be limited to involvement through decision, approval, disapproval, recommendation, preparation of any part of a purchase request, influencing the content of any specification or purchase standard, rendering of advice, investigation, auditing or in any other advisory capacity.
2. It shall be a breach of ethical standards for any person to offer, give or agree to give any employee or former employee, or for any employee or former employee to solicit, demand, accept or agree to accept from another person, a gratuity or an offer of employment, in connection with any decision, approval or disapproval, recommendation, preparation of any part of a purchase request, influencing the content of any specification or purchase standard, rendering of advice, investigation, auditing, or in any other advisory capacity in any proceeding or application, request for ruling or other determination, claim or controversy, or other particular matter, pertaining to any contract or subcontract and any solicitation or proposal therefore.
3. It is a breach of ethical standards for any payment, gratuity, or offer of employment to be made by or on behalf of a subcontractor under a contract to the prime contractor or higher tier subcontractor or any person associated therewith, as an inducement for the award of a subcontract or order.
4. The prohibition of conflicts of interest, gratuities and kickbacks shall be conspicuously set forth in every local public agency's written contract and solicitation therefore.
5. It shall be a breach of ethical standards for any public employee or former employee knowingly to use confidential information for his actual or anticipated personal gain, or the actual or anticipated personal gain of any other person (Enact. Acts 1978, ch. 100, S 92, effective January 1, 1980; ch. 250, S 16, effective April 9, 1980.)

Violation of the statute may result in a fine and/or imprisonment under the provisions of KRS 5A.990.

INDEMNITY AGREEMENT

_____ (the "Contractor") desires to provide labor and materials to the Regional Water Resource Agency ("RWRA");
RWRA is willing to allow the Contractor to provide labor and materials under the following conditions.

The parties therefore agree as follows:

1. The Contractor shall assume all responsibility and liability for the negligent acts or omissions of its agents, servants, or employees. The Contractor shall be responsible for its employees and shall exercise all dominion, control, and authority over the means and methods used by its employees to perform any work for RWRA or while on RWRA property.
2. The Contractor shall comply with all federal, state, and local occupational safety and health laws and regulations, and local, state, and federal laws and regulations for "Maintenance and Control of Traffic During Construction".
3. To the fullest extent permitted by law, Contractor shall indemnify RWRA, its officers, directors, agents, and employees from all claims for bodily injury and property damage, including reasonable attorneys' fees, costs, and expenses, that may arise from the performance of Contractor's work, but only to the extent caused by the acts or omissions of the Contractor or anyone employed directly or indirectly by the Contractor or by anyone for whose acts any of them may be liable.

The parties signed this agreement on _____

Contractor _____

RWRA _____

By: _____

By: _____

SUBMITTAL CHECKLIST

The following completed documents should be included in your submitted proposal (originals and two copies). Indicate on the first page of each set of documents ‘ORIGINAL’ or ‘COPY’. The original bid documents and the copies shall be submitted in one sealed envelope.

	ADDENDA ACKNOWLEDGEMENT (IF APPLICABLE)
	INVITATION FOR PROPOSAL PAGE WITH BIDDER’S SIGNATURES AND CONTACT INFORMATION (first page)
	PRICING PROPOSAL (pg. 13)
	EXCEPTIONS, CONFLICTS & CLARIFICATIONS FORM(S) (page 3)
	VENDOR’S STATEMENTS PURSUANT TO KRS 45A.343 AND KRS 45A.395. (page 4)
	PROHIBITION OF CONFLICTS OF INTEREST, GRATUITIES, KICKBACKS AND USE OF CONFIDENTIAL INFORMATION (page 5)
	INDEMNITY AGREEMENT (page 6)
	INSURANCE CERTIFICATION (Sample on page 7)
	BIDDER’S W-9 FORM

QUESTIONS:

For all questions regarding these bid documents contact

Tonya Smith
 Purchasing and Administration Manager
 270-687-8440
bids@rwra.org or Tonya.smith@rwra.org

SUBMIT SEALED BID TO:

TONYA SMITH
 Regional Water Resource Agency
 1722 Pleasant Valley
 Owensboro, KY 42303

ALL BIDS MUST BE RECEIVED BY 2pm CST on Tuesday, August 16, 2022 if received after this time the bid will be returned to Bidder unopened.

Instructions to Bidders

SCOPE

The Regional Water Resource Agency is seeking a reputable vendor to supply (4) four Diesel Utility Vehicles 2023 International 4300 SBA 4x2 Chassis or equal.

Due Date and Time

All bids must be submitted as described within this document to **1722 Pleasant Valley Road, Owensboro, KY 42303, Attn: Tonya Smith, Purchasing Manager, no later than 2:00 pm local prevailing time on Tuesday, August 16, 2022 at this time all bids received will be opened and publicly read. Any bids received after the due date and time will be returned unopened.**

General Compliance

Please read these instructions carefully.

Bid Submission

All pages of the bid shall be signed in ink on the designated signature lines. Typed quotation sheets are preferred; however, if hand written, the sheets must be legible and in ink. Any pricing information that is illegible may result in the rejection of the bid.

Quotations must be made on the form provided. An accompanying letter of explanation is acceptable if bidder deems it necessary, but only quotes made on the provided forms will be evaluated.

In case of a discrepancy in the extension of a unit price, the unit price shall govern over the total price.

Bidders must provide manufacturer's product literature if available and appropriate with the bid submission. Prices quotes shall remain firm, open to acceptance by the RWRA for a minimum period of ninety (90) days after bid opening, and as additionally required by this specification.

The signed completed original bid package and copies must be sealed in an envelope with the bidder's name, the bid number, and the bid opening date clearly marked on the outside of the envelope. **The bids shall be addressed and delivered to Regional Water Resource Agency, Attn: Tonya Smith, Purchasing Manager, David Hawes East Treatment Plant, 1722 Pleasant Valley Road, Owensboro, KY 42303.**

Bid Copies

When submitting bids, you must include the original signed bid, along with two (2) copies of the entire bid. Indicate on the first page of the bid "ORIGINAL" or "COPY". The original bid and all copies shall be submitted in one envelope.

Taxes

All prices shall be quoted exclusive of any taxes. The RWRA is exempt of all Federal excise, transportation and/or Kentucky sales tax. Any items supplied directly to RWRA from a supplier/manufacturer are exempt from sales tax. Any items purchased by a contractor that will be used in the fulfillment of a contract are not exempt from sales tax.

Bidder's Qualifications

Bidders must demonstrate to the satisfaction of RWRA that he has adequate equipment, personnel, experience and understanding of the specifications to be performed under the contract.

No contract will be awarded to any bidder who, in the opinion of RWRA, is not qualified to perform satisfactorily due to a previously unfavorable performance, reputation or lack of experience, capital, organization, equipment, and/or personnel to conduct and complete the services in accordance with the terms and conditions of the contract.

New Goods, Fresh Stock

Unless otherwise specifically stated, all Contractors shall provide new commodities, fresh stock, latest model, design or package.

Method of Procurement

Competitive Sealed Bidding (KRS 45A.365) will be the method of procurement for the purchase of the item(s) listed herein.

Bid Award

This bid will be evaluated based on the evaluation criteria established in the bid specifications.

- Price
- Features and specifications of proposed equipment
- Serviceability – distance from local service center
- Record of Quality/References
- Manufacturer warranty

The RWRA reserves the right to reject any and all bids and to waive any irregularities in said bids, and the RWRA also reserves the right to award bids based on the best interest and/or most advantageous to RWRA. Award will be made to the bid offering the best value at the lowest price to RWRA based upon the established criteria.

Shipping Charges

All items quoted shall be 'F.O.B. Destination'. No additional freight charges will be allowed.

Delivery Schedule

Delivery date shall be specified on each item quoted. The vendor will be expected to fulfill the delivery as specified. The completed unit shall be delivered to RWRA at 2101 Grimes Avenue, Owensboro, KY 42303. Certificate of Origin, Warranty certificates, and one (1) copy each of Operator's, Parts and Maintenance manuals shall be provided to RWRA at the time of delivery. Digital media is acceptable in lieu of books.

CERTIFICATES OF ORIGIN SHALL BE DELIVERED WITH UNIT. Certificate/Title to be assigned to Regional Water Resource Agency, 1722 Pleasant Valley Road, Owensboro, KY 42303.

Insurance Requirements

The Contractor shall furnish the Owner with the certificates evidencing insurance coverage, from an "A" or better rated Insurance Company (by AM Best Rating System), prior to commencing work. Contractor shall procure and maintain for the duration of this bid insurance against claims for injuries to persons or damages to property, which

may arise from or in connection with the performance of the work hereunder by Contractor, its agents, representatives, employees or subcontractors.

Indemnity Agreement

All contractors shall be required to sign an indemnity agreement included in the bid package to be considered for this project.

Compliance with KRS 45A.343 and KRS 45A.395

Attached are statements, which must be completed by bidders. These statements are required under the listed statutes and must be completed and submitted with the bid.

Compliance with Applicable Laws/Regulations

Successful bidder must comply with the City of Owensboro/Daviess County ordinances relating to Occupational License Fees, business Licenses, payroll and net profits taxes and any other ordinances, which may apply to any particular bid package.

Compliance with Equal Opportunity Statutes

The Regional Water Resource Agency is an equal opportunity employer and does not discriminate on the basis of race, color, religion, sex, national origin, age, marital status, physical or mental disability, or any other characteristic protected by law. RWRA is also committed to employing only United States citizens and aliens who are authorized to work in the United States and complies with the Immigration Reform and Control Act of 1986. Therefore, the successful bidder must demonstrate to the satisfaction of RWRA that he also conforms to all Federal, State and Local equal opportunity statutes. Further, the contractor will reimburse RWRA for any damages incurred due to any violation of the above-mentioned statutes by the contractor while under contract.

Safety Regulations

Unit shall meet any state or federal OSHA or DOT regulations as applicable.

Manuals

This vehicle shall be provided with an Owner's manual and a CD consisting of Service and Parts. These manuals shall be current with year model of the equipment delivered and shall accompany the delivery of the truck.

Pre-Service

All new equipment must be pre-serviced to the manufacturer's recommendations and in first class operating condition when delivered. All service work shall be done in the vendor's place of business or in another location provided by the vendor. No major assembly or servicing of equipment will be allowed on RWRA property. Only minor modifications to equipment necessary to bring the item into compliance with specifications will be permitted.

Standard Equipment

Unit shall contain all standard equipment listed as such in the manufacturers' latest literature unless otherwise stated within these specifications

Advertising

Unit shall be entirely free from any and all advertising attachments of dealer, such as clips, license brackets, mud flaps or other devices bearing vendor's name.

SPECIFICATIONS

Detailed specifications are listed below. All bidders are expected to meet or exceed all specifications. Any bidder submitting a bid, which does not meet or exceed the stated specification, is required to identify the specification which is not met, with an explanation for the exception on the "Bidders Exceptions, Conflicts and Clarifications". RWRA reserves the right to consider any listed exception to determine if the exception is of a minor nature, and may be accepted, or if the exception is of such a serious nature that the bid will not be accepted.

UTILITY VEHICLE CHASSIS:

1. 4300 International SBA 4x2 or equal
2. **Gross Vehicle Weight rating-** 25,500 pounds.
3. **Wheelbase-** 201 inches.
4. **Cab to Axle-** 108 inches.
5. **Overall length of finished vehicle not to exceed 342 inches**
6. **Frame** – Single frame with 10.125 tall x 3.580 flange x .312 thick, PSI 120,000 heat treated alloy.
7. **Front axle** – 8,000-pound 50 degree cut.
8. **Front suspension** – Parabolic Taper leaf 8,000-pound, front auxiliary overloads 2000-pound capacity.
9. **Rear axle** – 17,500 pounds, single reduction, with 190-wheel ends. Gear ratio: 6.50 with synthetic oil.
10. **Rear suspension** – 20,000 LB Vari-rate with 4000-pound overloads.
11. **Speed** – Geared road speed approximately 65 MPH.
12. **Engine control-** Remote mounted; provision for; includes wiring for body builder installation of PTO controls; with ignition switch control for CEC II electronic engines.
13. **Diesel Engine** – Electronic controlled wet sleeve design with a minimum of 466 cubic inch displacement 220 HP and 540-foot pounds of torque. Engine warranty to be a minimum of 3 years/150,000 miles. Electronic cruise control with integrated throttle. Steering wheel controls.
The engine shall include the following:
 - *fuel/water separator; mounted on engine and fuel filter in a single assembly
 - *cold starting equipment; intake manifold electric grid heater with engine ECM control
 - *engine shutdown; electric, key operated
 - *governor; road speed, electric
 - *engine oil drain plug; magnetic
 - *oil filter; spin on type.
14. **Auxiliary Switches** – Six-pack switches in instrument panel, one power module with six channels, 20-amp max per channel and 80-amp max output switches control the power module through multiplex wiring.

15. **Brakes** – Four channel Bendix ABS air, AD9 air dryer with heater and pull chain, air tank drain.
16. **Block heater** – 120 volt/1250 watt. Receptacle type; mounted below drivers' door.
17. **Body builder wiring**- under extended cab or crew cab at left frame: includes sealed connectors for tail/amber turn/marker backup/accessory power/ ground and sealed connector for stop/turn.
18. **Bumper** – Full width, aerodynamic, chrome plated steel: 0.142" steel thickness
19. **Cab** – Extended cab, steel.
20. **Cab interior** – Factory A/C, AM/FM radio with weather band, cigarette lighter, intermittent wipers, tilt steering wheel, high back air ride driver seat with head rest and right-side arm rest, high back air ride passenger seat with head rest and left side arm rest, bench seat in the extended cab, tinted windows. Fabric for seats to be vinyl. Floor covering: vinyl with rubber mats.
21. **Circuit breakers**- manual reset (main panel) SAE type with trip indicators, replaces all fuses except for 5-amp fuses.
22. **Color** – Ford #M7226A, Axalta Ingot Silver Metallic 809956 EB.
23. **Cooling Heavy Duty** – Increased cooling system capacity appropriate for use with automatic transmission.
24. **Electrical System**- A 12-volt 200 Amp Leece Neville alternator or equivalent shall be installed. The unit shall be equipped with three heavy-duty maintenance free, 1950 CCA batteries. It shall be equipped with electric and air horns & re-settable breakers. It shall be equipped with an audible backup signal that meets OSHA requirements and all lights will be LED where available. Headlights shall be halogen with daytime running lamps. Electric trailer brakes/lights accommodation package to rear of frame for separate trailer stop, tail, turn, marker lights. Circuits include cab connections for electric brake control. **Reference drawings for plug specifications.** (Bergman or equal)
25. **Exhaust** – single, horizontal, stainless steel muffler with internal catalytic converter, with a vertical bright chrome tailpipe, frame braced with bright stainless-steel tailpipe guard. Frame mounted with BOC muffler. Tail pipe to be turnback style.
26. **Fuel** – 50-gallon step tank with fuel/water separator.
27. **Gauges** – Volt, air, temperature, oil pressure, tachometer, hour meter, transmission temperature, air filter restriction, trip motor.
28. **Hood** – Tilting fiberglass, three peice modular, with chrome, stationary grille.
29. **Horns** – Air and electric, steering wheel push button control.
30. **Mirrors** – Dual 7.00-inch x 15.75-inch heated chrome finish with integral convex mirror mounted on each side with breakaway arms.
31. **Tire & Wheels** – 10 stud wheels hub-piloted disc design with 8.25 DC rims. Rear wheels shall be dual. Tire size 11R22.5, front tires shall be Goodyear model 149 RSA, rear tires shall be Goodyear Model 164 RTD M+S.
32. **Tow Hooks** – Two (2) front frame mounted.
33. **Transmission** – Allison 2100RDS-P or equal speed dash shift hot shift PTO, dual PTO opening. Close Ratio, 5-speed, with overdrive. Transmission to contain synthetic oil such

as Castrol TranSynd or equal. Shall be able to receive a 60UD (Under-Deck) Van Air Rotary Compressor and hydraulic system.

34. **Steering** – Power steering required with tilting wheel and 2 spoke 18-inch diameter steering wheel.
35. **Warning system** – Low oil, high temperature engine warning only. (not shutdown)
36. **All light shall be LED.**

UTILITY VEHICLE BODY:

The utility body shall be a Stahl (424A-162) or equal meeting the following specifications.

CONSTRUCTION:

1. **Body dimensions**- the body shall be 162 inches long and 96 inches wide, reference drawing for actual body dimensions.
2. **Body exterior**- to match cab color of Ford #M7226A, Axalta Ingot Silver Metallic 809956 EB. Body shall be painted before installation of door seals. Drip rail to run full length of body to provide extra protection against water leakage.
3. **Body shell**- 14-gauge A40 galvaneal steel. The body ends shall also be 14-gauge A40 galvaneal.
4. **Bulkhead** – 14-gauge galvaneal steel
5. **Bumper, rear**- shall be full width heavy duty tread plate. Bumper shall have a Reese style hitch or equal with a pintle receiver and shall meet a rating of 25,000 lbs. Reference drawing for additional specifications.
6. **Compartments**- Shall have adjustable shelves. The compartments shall be 24 inches in depth. Reference drawing for actual compartment and shelf dimensions.
7. **Compartment bottoms** – 14-gauge galvaneal steel
8. **Compartment tops** – 14-gauge galvaneal steel (one-piece seamless design with load space inside centers)
9. **Cross member front** – 7 gauge formed (one front cross member)
10. **Cross member intermediate** – 7 gauge formed (six intermediate cross members)
11. **Cross member rear** – 7 gauge formed (one rear cross member)
12. **Doors** – 18-gauge galvaneal steel double panel construction with hat section reinforcement and 5/16" diameter full length hinge rods, die-cast zinc plated with nylon bushings. Recessed rotary slam-action, double bitted door locks with stainless steel paddle handles shall be provided. Spring loaded door closers shall be furnished on all vertical doors, rubber bumpers on horizontal doors. Horizontal doors to have vinyl coated aircraft cables. Doors are to have beveled edges for improved weather seal. All doors to have automotive type door seal.
13. **Electrical**- Electrical wiring, hydraulic lines, and control cables shall be fastened to the frame or body structure of the apparatus and shall be furnished with protective looms, grommets, or other devices, so that any such connector and/or wiring will be protected from shear or tear.

The body 12-volt electrical system shall be designed specifically for the apparatus body. Automatic reset breakers shall be provided and installed in all circuits. Wiring data shall be provided with the completed apparatus.

14. **Fender Panels** – 14-gauge galvanized steel with fenderettes of corrosion resistant rubber. The inside housing shall be fully lined.
15. **Floor** -12-gauge tread plate steel.
16. **Intermediate panels** – 14-gauge galvanized steel.
17. **Kick plate** – 10-gauge galvanized full-width, floor to compartment bottom high.
18. **Lights**- shall include LED clearance lights and flush mounted backup, stop, and turn signals. Also, two rear mounted and side mounted LED pulsating work lights and two hidden in grill. LED lights shall be placed in compartments. LED lights for all compartments shall include individual switches and a master in the cab. **Reference drawing for placement of compartment lights.**
19. **Load space inside centers** – 14-gauge galvanized steel (one-piece seamless design with compartment tops)
20. **Shelving** – 16 gauge high-spangle galvanized steel (250 # capacity)
21. **Tailgate** – 16-gauge galvanized (double panel, formed construction)
22. **Body construction is welded**
23. **Flush outside body surfaces with unexposed edges for rust resistance**
24. **Vises**- chain vise, Rigid model BC-410 or equal, to be mounted on driver's side rear corner of rear bumper. Bench yoke vise, Rigid model 23 or equal, to be mounted on passenger side rear corner of rear bumper.
25. **Locks** – All compartments shall be lockable and keyed alike.
26. **Warranty**- shall include a 5-year rust protection. Body shall be undercoated.
27. **Body interior** - shall be painted with Enhanced Apollo gray based coat 810A clear coat 810B. Material manufactured by Zolatone.

FEATURE/EQUIPMENT:

1. **Inverter with cord reel**- shall be installed in compartment P-2. **Reference drawings for compartment location.**
2. **Ladder storage area**- reference drawings for storage area specifications.
3. **Hydraulic system with hose reel and 50' ½" double hose rated at 3000 psi**- shall be mounted in compartment P-2. **Reference drawings for compartment location.**

DIMENSIONAL SPECIFICATIONS:

1. Cab to axle 108 inches.
2. Compartment depth 24 inches.
3. Floor width 48 inches.
4. Overall body width 96 inches.
5. Floor to compartment top height (per drawing)
6. Tailgate height above floor 8 inches.
7. Overall length 162 inches.

INSTALLATION:

1. Body shall be permanently attached to chassis frame.
2. Rear mounting to be rigid attaching long sills of bed and frame rails of the chassis together with the step bumper by means of factory supplied mounting brackets.
3. Brackets shall be welded to mounting brackets and bolted to the rear of the body.
4. Front of body shall be mounted at two points approximately 24 inches back from front of body by means of spring-loaded brackets. Brackets shall allow front of body to flex approximately 1 inch.

PAINT:

Body shall be painted to match cab and meet cab paint specifications.

INVERTER SPECIFICATIONS:

1. **Output voltage-** 120 VAC regulated (110 to 127 VAC).
2. **Output power capacity –** 3,000 watts, continuous
3. **Output frequency-** 60 Hz +/- 0.05%.
4. **Output waveform-** Pure sine wave, less than 5% THD typical.
5. **Input voltage- (VCD)** 11 to 14.
6. **Efficiency-** Minimum 85%.
7. **Operating temperature-** -20 to 40 Degrees Celsius (0 to 104 Degrees Fahrenheit).
8. **Unit operation-** Automatic electronic short circuit/overload shutdown, open circuit breaker.
9. **Battery protection-** Automatic low battery shutdown at 10.5 VCD (with in-rush delay)
10. **Design features-** UL and CUL listed for land vehicle use. 16 bit 16 MHZ microprocessor control. Thermally controlled cooling fan. Enclosed AC/DC cable connections. Remote on/off switch hookup. GFCI outlet protection. LED indication of external power, inverter power, low input voltage, overload, high temperature. Battery voltage indicator.
11. **Warranty-** Full year parts and labor.
12. **Usage-** Any 120 VAC, 60 HZ single phase equipment within the inverter power rating.
13. **Auxiliary Supply Battery-** Deep cycle D-4 battery shall be installed under floor (see drawings) to provide additional power for inverter. Battery to be charged from vehicle's electrical system. Battery shall be enclosed in a weatherproof non-conductive battery box. There shall be two external 110-volt weatherproof dual outlet receptacles mounted on body. (Reference drawings for receptacle locations)

HYDRAULIC SYSTEM SPECIFICATIONS FOR PTO:

1. **Power take off-** shall be of cast iron designed housing with tapered cone bearings. Unit shall have available both a standard and special low-profile housing to eliminate PTO frame interference. PTO must have the shifting options of air, wire, lever, electric, or electric/air. Unit shall also offer all standard pump mounting options as well as a 360-

degree rotating flange. CHELSEA, model 221/440/488 series or equal is acceptable. (Please note that a geared adapter may be necessary to provide clearance for hydraulic pump.)

2. **Hydraulic pump-** shall be power take-off driven Direct Mount. The gear pump must be capable of 8 GPM and 2500 psi at 1200 rpm and must have side ports to avoid multiple 90-degree bends in the suction line (rear ports are not acceptable.)
3. **Hydraulic valve-** shall be capable of a nominal 15 GPM, with published flow curves to 25 GPM. Single action valve with system relief pressure set at 2500 psi. Detent "on" position for tool circuit operation. O-ring ports ½" inlet pressure port and ¾" outlet port. ½" pressure port to hose reel.
4. **Hose reel-** shall be dual line 50' – ½" hose with 3000 psi. burst. Reel to be spring return.
5. **Filter-** shall be in tank with 10-micron element. By-pass and condition gauge are necessary.
6. **Reservoir-** shall be 15 gallon minimum with breather cap, magnetic drain plug and suction screen. Fill neck must be screened and a sight/temperature gauge mounted on the reservoir easily visible for inspection. Symmetrical side ports to allow mounting in a convenient location. Suction screen to be 1 ¾" NPT with built in bypass. Bottom suction is not acceptable.
7. **Misc. -** All hoses and fittings necessary to be 3000 psi. burst – 2000 psi. working pressure. Quick disconnects shall be ½" and have dust covers and plugs for each coupler.
8. **8. Hydraulic Oil Cooler-** Flow range – 4-20. Heat rejection range (BTU/Hr.) – 15,100 – 19,700.

ALL DETAILS IN DRAWING SPECIFICATIONS APPLY TO THIS BID.

PAINT WARRANTY: The paint performance guarantee will cover the areas of the vehicle finished with the specified color for a period of FIVE (5) years beginning the day the vehicle is delivered to the purchaser.

The areas as outlined on a Guarantee Certificate will be covered for the following paint failures:

- Peeling or delamination of the topcoat and/or other layers of the paint.
- Cracking or checking.
- Loss of gloss by cracking, checking, or hazing.
- Any paint failure caused by defective finishes which are covered by this guarantee.

Additional Information

Requests for additional information or clarifications of bid specifications should be directed to Tonya Smith, Purchasing Manager, Telephone (270) 687-8440, or by email at bids@rwra.org. All inquiries shall be made no later than three days prior to the bid opening date. Clarifications may be made orally; all alterations, revisions or amendments to the specifications will be made only in writing by means of addenda. Bidders are required to acknowledge receipt of all addenda on the quotation sheet submitted with the bid. Addenda will be emailed to all prospective bidders of record and posted on www.rwra.org website.

Any bidder who receives this bid other than directly from the RWRA shall notify the RWRA that they have received the bid. This will allow the RWRA to notify all bidders of any addenda.

2023-12 Quotation Sheet

<p>1. Unit Price for Diesel Utility Vehicle</p> <p>Brand of Chassis Quoted</p> <p>Brand of Utility Bed Quoted</p> <p>As-Quoted Delivery Schedule (from Receipt of Order):</p> <p>*All out of state (KY) units must be delivered with Certificate of Origin</p>	<p>\$ _____</p> <p>_____</p> <p>_____</p> <p>_____ (Days)</p>
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