

**ARKANSAS STATE HIGHWAY COMMISSION
ARDOT - EQUIPMENT AND PROCUREMENT DIVISION**

BID SHEET

Contract No.: H-21-231R

BIDDER: _____

- 1. 3** - Cab & Chassis, 19,000# GVWR, 84" CA, Automatic Transmission, Diesel Engine, with Insulated Articulating Telescopic Aerial Lift and Body, to meet **ARDOT Spec. 21-44-020**.

FOB: **2 ea. ARDOT – Equipment and Procurement, 11302 West Baseline Road, Little Rock, AR 72209**

FOB: **1 ea. ARDOT – District 6 Headquarters, 8900 Mabelvale Pike, Little Rock, AR 72219**

Bid Price (Do not include any Local, State or Federal Taxes) Each \$ _____

Total for **3** Cab & Chassis, with Aerial Lift and Body \$ _____

Aerial Lift proposed as meeting specifications:

Make _____ Model _____ Warranty _____

Guaranteed Delivery Date _____

Additional Units may be purchased at the same pricing and conditions through _____
(Date)

STANDARD BID CONDITIONS

1. **GENERAL:** Any special terms and conditions included in the invitation for bid override these standard terms and conditions. The standard terms and conditions and any special terms and conditions become part of any contract entered into if any or all parts of the bid are accepted by the Arkansas Department of Transportation (ARDOT).
2. **ACCEPTANCE AND REJECTION:** ARDOT reserves the right to reject any or all bids, to accept bids in whole or in part (unless otherwise indicated by bidder), to waive any informalities in bids received, to accept bids on materials or equipment with variations from specifications where efficiency of operation will not be impaired, and to award bids to best serve the interest of the State.
3. **PRICES:** Unless otherwise stated in the Bid Invitation, the following will apply: (1) unit prices shall be bid, (2) prices should be stated in units of quantity specified (feet, each, lbs., etc.), (3) prices must be F.O.B. destination specified in bid, (4) prices must be firm and not subject to escalation, (5) bid must be firm for acceptance for 30 days from bid opening date. In case of errors in extension, unit prices shall govern. Discounts from bid price will not be considered in making awards.
4. **BID BONDS AND PERFORMANCE BONDS:** If required, a **Bid Bond** in the form of a cashier's check, certified check, or surety bond issued by a surety company, in an amount stated in the Bid Invitation, must accompany bid. **Personal and company checks are not acceptable as Bid Bonds.** Failure to submit a Bid Bond as required will cause a bid to be rejected. The Bid Bond will be forfeited as liquidated damages if the successful bidder fails to provide a required Performance Bond within the period stipulated by ARDOT or fails to honor their bid. When a bidder claims and can show clear and convincing evidence that a material mistake was made in the bid and was not the bid intended, the bidder may be permitted to withdraw their bid prior to award without forfeiture of bid bond. Cashier's checks and certified checks submitted as Bid Bonds will be returned to unsuccessful bidders; surety bonds will be retained. The successful bidder will be required to furnish a **Performance Bond** in an amount stated in the Bid Invitation and in the form of a cashier's check, certified check, or surety bond issued by a surety company, unless otherwise stated in the Bid Invitation, as a guarantee of delivery of goods/services in accordance with the specifications and within the time established in the bid. **Personal and company checks are not acceptable as Performance Bonds.** In some cases, a cashier's check or certified check submitted as a Bid Bond will be held as the Performance Bond of the successful bidder. Cashier's checks or certified checks submitted as Performance Bonds will be refunded shortly after payment has been made to the successful bidder for completion of all terms of the bid; surety bonds will be retained. Surety bonds must be issued by a surety company authorized to do business in Arkansas, and must be signed by a Resident Local Agent licensed by the Arkansas State Insurance Commissioner to represent that surety company. Resident Agent's Power-of-Attorney must accompany the surety bond. Certain bids involving labor will require Performance Bonds in the form of surety bonds only (no checks of any kind allowed). These bonds shall not only serve to guarantee the completion of the work, but also to guarantee the excellence of both workmanship and material until the work is finally accepted and the provisions of the Plans, Specifications, and Special Provisions fulfilled. In such cases, the company issuing the surety bond must comply with all stipulations herein and must be named in the U. S. Treasury listing of companies holding Certificates of Authority as acceptable sureties on Federal Bonds and as acceptable reinsuring companies. Any excess between the face amount of the bond and the underwriting limitation of the bonding company shall be protected by reinsurance provided by an acceptable reinsuring company. Annual Bid and Performance Bonds on file with E & P Division must have sufficient unencumbered funds to meet current bonding requirements, or the bid will be rejected, unless the balance is submitted as set forth above, prior to bid opening.
5. **TAXES:** ARDOT is not exempt from Arkansas State Sales and Use Taxes, or local option city/county sales taxes, when applicable, and bidders are responsible to the State Revenue Department for such taxes. These taxes should not be included in bid prices, but where required by law, will be paid by ARDOT as an addition thereto, and should be added to the billing to ARDOT. The ARDOT is exempt from Federal Excise Taxes on all commodities except motor fuels; and excise taxes should not be included in bid prices except for motor fuels. Where applicable, tax exemption certificates will be furnished by ARDOT.
6. **"ALL OR NONE" BIDS:** Bidders who wish to bid "All or None" on two or more items shall so stipulate on the face of bid sheet; otherwise, bid may be awarded on an individual item basis.
7. **SPECIFICATIONS:** Complete specifications should be attached for any substitution or alternate offered, or where amplification is necessary. Bidder's name must be placed on all attachments to the bid.
8. **EXCEPTIONS TO SPECIFICATIONS:** Any exceptions to the bid specifications must be stated in the bid. Any exceptions to manufacturer's published literature must be stated in the bid, or it will be assumed that bidder is bidding exactly as stated in the literature.
9. **BRAND NAME REFERENCES:** All brand name references in bid specifications refer to that commodity or its equivalent, unless otherwise stated in Bid Invitation. Bidder should state brand or trade name of item being bid, if such name exists.
10. **FREIGHT:** All freight charges should be included in bid price. Any change in common carrier rates authorized by the Interstate Commerce Commission will be adjusted if such change occurs after the bid opening date. Receipted common carrier bills that reflect ICC authorized rate changes must be furnished.

11. **SAMPLES, LITERATURE, DEMONSTRATIONS:** Samples and technical literature must be provided free of any charge within 14 days of ARDOT request, and free demonstrations within 30 days, unless ARDOT extends time. Failure to provide as requested within this period may cause bid to be rejected. Samples, literature and demonstrations must be substantially the same as the item(s) being bid, unless otherwise agreed to by ARDOT. Samples that are not destroyed will be returned upon request at bidders expense. Samples from successful bidders may be retained for comparison with items actually furnished.
12. **GUARANTY:** Unless otherwise indicated in Bid Invitation, it is understood and agreed that any item offered or shipped on this bid shall be newly manufactured, latest model and design, and in first class condition; and that all containers shall be new, suitable for storage or shipment and in compliance with all applicable laws relating to construction, packaging, labeling and registration.
13. **BACKORDERS OR DELAY IN DELIVERY:** Backorders or failure to deliver within the time required may constitute default. Vendor must give written notice to ARDOT, as soon as possible, of the reason for any delay and the expected delivery date. ARDOT has the right to extend delivery if reasons appear valid. If reason or delivery date is not acceptable, vendor is in default.
14. **DEFAULT:** All commodities furnished will be subject to inspection and acceptance by ARDOT after delivery. Default in promised delivery or failure to meet specifications authorizes ARDOT to cancel award or any portion of same, to reasonably purchase commodities or services elsewhere and to charge full increase, if any, in cost and handling to defaulting vendor. Applicable bonds may be forfeited.
15. **ETHICS:** *"It shall be a breach of ethical standards for a person to be retained, or to retain a person, to solicit or secure a State contract upon an agreement of understanding for a commission, percentage, brokerage, or contingent fee, except for retention of bona fide employees or bona fide established commercial selling agencies maintained by the contractor for the purpose of securing business."* (Arkansas Code, Annotated, Section 19-11-708).
16. **NOTICE OF NONDISCRIMINATION:** The Arkansas State Highway Commission through the ARDOT complies with all civil rights provisions of federal statutes and related authorities that prohibit discrimination in programs and activities receiving federal financial assistance. Therefore, the ARDOT does not discriminate on the basis of race, sex, color, age, national origin, religion (not applicable as a protected group under the Federal Motor Carrier Safety Administration Title VI Program), disability, Limited English Proficiency (LEP), or low-income status in the admission, access to and treatment in the ARDOT's programs and activities, as well as the hiring or employment practices. Complaints of alleged discrimination and inquiries regarding the ARDOT's nondiscrimination policies may be directed to Joanna P. McFadden Section Head – EEO/DBE (ADA/504/Title VI Coordinator), P. O. Box 2261, Little Rock, AR 72203, (501)569-2298, (Voice/TTY 711), or the following email address: joanna.mcfadden@ahtd.ar.gov. Free language assistance for Limited English Proficient individuals is available upon request. This notice is available from the ADA/504/Title VI Coordinator in large print, on audiotape and in Braille.
17. **PROHIBITION OF EMPLOYMENT OF ILLEGAL IMMIGRANTS:** Pursuant to Arkansas Code Annotated 19-11-105, all bidders must certify prior to award of a contract that they **do not** employ or contract with any illegal immigrant(s) in its contract with the state. Bidders shall certify online at <https://www.ark.org/dfa/immigrant/index.php>.
18. **DISCLOSURE:** Failure to make any disclosure required by Governor's Executive Order 98-04, or any violation of any rule, regulation, or policy adopted pursuant to that order, **shall** be a material breach of the terms of this contract. Any contractor, whether an individual or entity, who fails to make the required disclosure or who violates any rule, regulation, or policy **shall** be subject to all legal remedies available to the agency.

ILLEGAL IMMIGRANT CERTIFICATION

Pursuant to Arkansas Code Annotated § 19-11-105, Contractor(s) **shall** certify with OSP that they do not employ or contract with illegal immigrants.

By signing below, the Contractor agrees and certifies that they do not employ illegal immigrants and will not employ illegal immigrants during the remaining aggregate term of the contract.

Bid Number/Contract Number	
AASIS Number	N/A
Description	
Contractor name	

Contractor Signature: _____
Signature must be hand written, in ink

Date: _____

RESTRICTION OF BOYCOTT OF ISRAEL CERTIFICATION

Pursuant to Arkansas Code Annotated § 25-1-503, a public entity **shall not** enter into a contract valued at \$1,000 or greater with a company unless the contract includes a written certification that the person or company is not currently engaged in, and agrees for the duration of the contract not to engage in, a boycott of Israel.

By signing below, the Contractor agrees and certifies that they do not currently boycott Israel and will not boycott Israel during any time in which they are entering into, or while in contract, with any public entity as defined in § 25-1-503* If at any time after signing this certification the contractor decides to engage in a boycott of Israel, the contractor must notify the contracting public entity in writing.

If a company does boycott Israel, see Arkansas Code Annotated § 25-1-503.

Name of public entity	Arkansas Department of Transportation
Description of product or service	
Contractor name	

Contractor Signature: _____
Signature must be hand written, in ink

Date: _____

“Public Entity” means the State of Arkansas, or a political subdivision of the state, including all boards, commissions, agencies, institutions, authorities, and bodies politic and corporate of the state, created by or in accordance with state law or regulations, and does include colleges, universities, a statewide public employee retirement system, and institutions in Arkansas as well as units of local and municipal government.

ATTACHMENT A

ELIGIBLE BIDDER CERTIFICATION

The Bidder represents and warrants for itself, its employees and its subcontractors and certifies they:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
2. Have not within a three-year period preceding this Bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
3. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph two (2) of this Certification;
4. Have not within a one-year period preceding this application/Bid had one or more public transactions (Federal, State, or local) terminated for cause or default; and

The Bidder represents, warrants and acknowledges the understanding that restrictions placed on the employment of labor or on the scale of pay for the work on a contract will be the requirements of the Fair Labor Standards Act (Federal Wage-Hour Law) of 1938, 28 USC §201 et seq., and other applicable labor laws.

The person executing this Certification further represents, warrants and affirms the truthfulness and accuracy of the contents of the statements submitted on or with this Certification and understands that the provisions of 31 USC §3801 et seq. are applicable thereto.

BIDDER NAME

BY: _____

Signature

TITLE: _____

CONTRACT AND GRANT DISCLOSURE AND CERTIFICATION FORM

Failure to complete all of the following information may result in a delay in obtaining a contract, lease, purchase agreement, or grant award with any Arkansas State Agency.

SUBCONTRACTOR: _____ SUBCONTRACTOR NAME: _____
 Yes No

IS THIS FOR:

TAXPAYER ID NAME: _____ Goods? Services? Both?

YOUR LAST NAME: _____ FIRST NAME: _____ M.I.: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____ COUNTY: _____

AS A CONDITION OF OBTAINING, EXTENDING, AMENDING, OR RENEWING A CONTRACT, LEASE, PURCHASE AGREEMENT, OR GRANT AWARD WITH ANY ARKANSAS STATE AGENCY, THE FOLLOWING INFORMATION MUST BE DISCLOSED:

FOR INDIVIDUALS*

Indicate below if: you, your spouse or the brother, sister, parent, or child of you or your spouse is a current or former: member of the General Assembly, Constitutional Officer, State Board or Commission Member, or State Employee:

Position Held	Mark (✓)		Name of Position of Job Held <small>(senator, representative, name of board/ commission, data entry, etc.)</small>	For How Long?		What is the person(s) name and how are they related to you? <small>(i.e., Jane Q. Public, spouse, John Q. Public, Jr., child, etc.)</small>	
	Current	Former		From MM/YY	To MM/YY	Person's Name(s)	Relation
General Assembly							
Constitutional Officer							
State Board or Commission Member							
State Employee							

None of the above applies

FOR AN ENTITY (BUSINESS)*

Indicate below If any of the following persons, current or former, hold any position of control or hold any ownership interest of 10% or greater in the entity: member of the General Assembly, Constitutional Officer, State Board or Commission Member, State Employee, or the spouse, brother, sister, parent, or child of a member of the General Assembly, Constitutional Officer, State Board or Commission Member, or State Employee. Position of control means the power to direct the purchasing policies or influence the management of the entity.

Position Held	Mark (✓)		Name of Position of Job Held <small>(senator, representative, name of board/ commission, data entry, etc.)</small>	For How Long?		What is the person(s) name and what is his/her % of ownership interest and/or what is his/her position of control?		
	Current	Former		From MM/YY	To MM/YY	Person's Name(s)	Ownership Interest (%)	Position of Control
General Assembly								
Constitutional Officer								
State Board or Commission Member								
State Employee								

None of the above applies

Contract and Grant Disclosure and Certification Form

Failure to make any disclosure required by Governor's Executive Order 98-04, or any violation of any rule, regulation, or policy adopted pursuant to that Order, shall be a material breach of the terms of this contract. Any contractor, whether an individual or entity, who fails to make the required disclosure or who violates any rule, regulation, or policy shall be subject to all legal remedies available to the agency.

As an additional condition of obtaining, extending, amending, or renewing a contract with a state agency I agree as follows:

1. Prior to entering into any agreement with any subcontractor, prior or subsequent to the contract date, I will require the subcontractor to complete a **CONTRACT AND GRANT DISCLOSURE AND CERTIFICATION FORM**. Subcontractor shall mean any person or entity with whom I enter an agreement whereby I assign or otherwise delegate to the person or entity, for consideration, all, or any part, of the performance required of me under the terms of my contract with the state agency.

2. I will include the following language as a part of any agreement with a subcontractor:

Failure to make any disclosure required by Governor's Executive Order 98-04, or any violation of any rule, regulation, or policy adopted pursuant to that Order, shall be a material breach of the terms of this subcontract. The party who fails to make the required disclosure or who violates any rule, regulation, or policy shall be subject to all legal remedies available to the contractor.

3. No later than ten (10) days after entering into any agreement with a subcontractor, whether prior or subsequent to the contract date, I will mail a copy of the **CONTRACT AND GRANT DISCLOSURE AND CERTIFICATION FORM** completed by the subcontractor and a statement containing the dollar amount of the subcontract to the state agency.

Signature _____	Title _____	Date _____
Vendor Contact Person _____	Title _____	Phone No. _____

Agency Use Only				
Agency Number _____	Agency Name _____	Agency Contact Person _____	Contact Phone No. _____	Contract or Grant No. _____

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIFICATION 21-44-020

FOR

19,500 GVWR 4WD CAB AND CHASSIS
SERVICE BODY & AERIAL BUCKET LIFT

A. General Specifications:

1. **Current Model:** Units furnished under this specification shall be the latest improved model in current production, as offered to commercial trade, built for the U.S. market, and shall be of quality workmanship and material. Units manufactured for foreign markets will not be accepted. All equipment offered under this specification shall be new. Used, reconditioned, shopworn, demonstrator, prototype or discontinued models are not acceptable. Manufacturers of the units supplied must have been in the business of producing operational units for at least two years and must have recently sold similar units to domestic governmental agencies. The model furnished must have been in production for a minimum of one year, or be the latest version of a previous model. Bidder(s) will be required to submit documentation substantiating the aforementioned requirements. A list of user references may also be required.
2. **Literature:** Manufacturers literature, verifying adherence of proposed unit to each line item addressed in this specification, shall be submitted with the bid. If any literature and/or specifications of items conflict with ARDOT specifications, the conflict(s) shall be specifically noted, corrected and submitted with the bid.
3. Any deviations from specifications and requirements herein must be clearly pointed out by bidder. Otherwise it will be considered that the vehicle offered is in strict compliance with these specifications and requirements, and successful bidder will be held responsible therefore. Deviations must be explained in detail on an attached sheet. However, no implication is made by the Arkansas Department of Transportation that deviations will be acceptable.
4. **Manuals:** The successful bidder shall furnish one (1) Operator's Manual with each unit delivered and one (1) copy each of the shop repair manual and parts book to each FOB point. The successful bidder may provide shop repair manuals and parts manuals on computer media (CD, DVD, USB Drive, etc.) in lieu of printed manuals.
5. Units shall be assembled, adjusted and made ready for continuous operation at time of delivery.
6. All parts, accessories and tools necessary for satisfactory operation of unit shall be furnished whether or not they are specifically mentioned in this specification (including standard equipment as regularly furnished by manufacturer as shown on printed literature and specifications – unless specifically excluded by this specification).
7. **Parts Inventory & Service Facilities:** The successful bidder shall maintain a representative inventory of replacement parts and service facilities for servicing equipment bid on.
8. **Demonstration:** The Arkansas Department of Transportation reserves the right to require a demonstration, under actual working conditions, of equipment bid under this specification before award is made. The demonstration would be performed (free of any charge) by the bidder or an authorized representative at a mutually acceptable location. If requested, the bidder should be prepared to demonstrate the equipment within thirty (30) days after notification. Failure of the bidder to perform a satisfactory demonstration within the specified time may be grounds for rejection of the bid.
9. **Delivery Requirements:** It will be the responsibility of the successful bidder to guarantee delivery of the vehicle as specified, including items or equipment installed by a third party contractor, within the quoted time.
10. **Cooperative Purchasing:** Other tax-supported entities* in Arkansas (cities, counties, state agencies, school districts, etc.) may purchase from this Contract on an individual basis under the same specifications and conditions, and at the pricing set forth by each vendor, all at the discretion of each vendor in each case. Prices could be reduced by a vendor for minor alterations in conditions (changing order quantities, deleting options, etc.) as agreed by both parties, but could not be raised above the contract bid price except for any additional freight charges. Vendors would not be required to sell to any such entity under this contract, and those entities would not be obligated to purchase from the contract.

Each entity wishing to purchase from the contract must make contact directly with the appropriate vendor(s). The Arkansas Department of Transportation shall remain "out of the loop" for such transactions: all contact, orders, invoices, payments, etc. regarding such transactions must take place exclusively between the tax-supported entity and the vendor. The Department shall be held harmless of any and all liability arising from such transactions.

* Tax-supported entities are defined as those receiving more than half of total funding from appropriated tax funds.

B. Unit Specifications:

1. General: This specification is intended to cover a 19,000 lb. GVWR, 4WD cab and chassis with a steel service body and a hydraulically operated, telescopic, articulating aerial device. Lift device shall have a maximum working height of 45' from ground with an ANSI Category C rated insulated boom. Unit furnished must be a current model built for the U.S. market and approved by all OSHA and ANSI safety standards for use as a man lift type aerial device. Safety inspection and certification documentation shall be provided. Units manufactured for foreign markets will not be accepted. Service body and aerial device must be completely mounted on cab and chassis and fully operational at time of delivery. Unit must meet the following specifications at a minimum.
2. Cab & Chassis: Shall be a current model four-wheel drive regular cab and chassis meeting the following specifications:
 - a) GVWR: Shall be 19,000 lbs. minimum.
 - b) Cab to Axle: Shall have an 84-inch nominal CA
 - c) Engine: Liquid cooled, turbocharged, 4-cycle diesel with a minimum piston displacement of 6.7 liters developing no less than 300 SAE gross horsepower and 800 foot pounds of torque at rated RPM. Shall have full flow oil filter(s), fuel filter(s), dry type air cleaner, 12-volt electrical system with a minimum 200-amp alternator and dual maintenance free batteries as regularly furnished with engine specified. Engine shall be equipped with a factory installed block heater which will operate on 120 volts AC current as regularly furnished by manufacturer.
 - d) Exhaust: Shall have a horizontal exhaust system with muffler(s) as required for service body up fit.
 - e) Engine Speed Control: Shall have two-step engine speed control for use with hydraulic system.
 - f) Cooling System: As recommended and regularly furnished by the manufacturer for use with the engine size specified above with anti-freeze protection to -20 degrees Fahrenheit or lower.
 - g) Transmission: Shall have manufacturer's regularly furnished automatic transmission for rated GVWR and engine combination with a minimum of 6 forward speeds. Transmission shall be equipped with PTO provision.
 - h) Transmission Cooler: Shall have an air to air transmission oil cooler mounted in front of engine radiator assembly.
 - i) Steering: Hydraulic actuated power steering as regularly furnished by manufacturer.
 - j) Front Axle: Shall have front axle as regularly furnished by manufacturer for a four-wheel drive application. Gear ratio shall match rear differential ratio. Front axle and differential shall meet GVRW requirements for chassis and torque requirements of chassis engine. Shall have front shock absorbers as furnished by manufacturer meeting up fitter specification requirements.
 - k) Transfer Case: Shall have a transfer case with the ability to engage front differential to provide four-wheel drive. Shall have electronic control switch or shift lever easily accessible to driver.
 - l) Rear Axle: Single speed, hypoid type, full floating with dual wheels and a rated capacity to meet or exceed torque requirements of engine and rated GVWR. Gear ratio shall be 4.44 or 4.88 to 1. Alternate ratio may be provided if approved by ARDOT before delivery. Rear springs shall consist of both main and auxiliary or overloads and meet requirements of service body up fitter. Shall have shock absorbers regularly furnished by manufacturer meeting up fitter specification requirements.
 - m) Brakes: Power front and rear disc, four-wheel anti-lock with manufacturer's regularly furnished park brake.
 - n) Wheels/Tires: Shall have six (6) 19.5" steel disc wheels with no less than 6.0" rim section. Shall have six (6) tires, 225/70/R19.5 load range F, all season, tubeless radials at minimum. Shall have one (1) matching 19.5" tire/wheel combo to be used as a spare. Rear axle shall have dual wheels.
 - o) Tire Equipment: Shall have a complete jack and lug wrench kit as regularly furnished by manufacturer with all needed tools and accessories to change out wheel.
 - p) Cab: Regular cab complete with insulation and all standard interior trim with floor covering consisting of manufacturer's standard materials and colors for model and trim level provided. Shall have dual electric intermittent windshield wipers, right and left sun visors, factory installed electronic AM/FM radio with hands free Blue Tooth connection ability for hands free cellular phone calls. Shall have factory installed air conditioning and heat system with defrost, inside rear view mirrors, power windows and door locks at minimum. Shall have right and left side trailer-tow type exterior mirrors with extended or extendible arms. Mirror heads to measure no less than 6"X9". Seating shall be a vinyl bench type seat with three (3) person occupancy with manufacturer's

- regularly furnished seat belts. Shall have factory installed tilt steering column with cruise control. Cab shall have deep tinted glass on side and rear windows and factory installed rear-view camera system.
- q) Accessory Switches: Shall have manufacturer installed accessory switch bank with multiple switches for use with emergency lighting. Switches location shall be as regularly furnished by manufacturer for cab and chassis truck. Shall have a minimum of four (4) accessory switches.
 - r) Remote Keyless Entry: Shall have remote keyless entry with the ability to lock/unlock doors and activate vehicle ignition system (if applicable) at minimum. Two (2) sets of keys shall be provided.
 - s) Lights: Dual beam headlights, parking lights, self-canceling directional turn signals with hazard flasher switch, back up lights, front side marker lights and front cab clearance lamps. Rear lights to consist of stop and clearance tail lights in addition to directional signals. Tail lights shall be LED type bulbs.
 - t) Fuel Tanks: Minimum fuel capacity of 40 U.S. gallons. Fuel hose assembly furnished with fuel tank(s) shall be a minimum of 36" in length to allow attachment to an aftermarket body. Fuel fill shall be left (driver) side.
 - u) Step Boards: Cab shall have full length step bars or running board type external steps underneath cab doors. Shall be manufacturer's regularly furnished color.
 - v) Tow Hooks: Shall have manufacturers regularly furnished front bumper with two (2) frame mounted tow hooks.
 - w) Skid Plates: Shall have manufacturer's regularly furnished skid plates for 4WD applications.
 - x) Trailer Brake: Shall have a manufacturer's installed electric trailer brake controller with wiring provision to end of frame.
 - y) Color: Sherwin Williams F8W2030 Frost White acrylic enamel color or equal. Front bumper, grills, mirrors, wheels shall be manufacturer's regularly furnished color.
3. Service Body: Shall be a standard height service body normally designed for use with specified aerial lift device. Body shall be designed to fit a dual rear wheel 19,000 lb. GVWR cab and chassis with an 84" CA measurement. Construction shall be all steel and electrically welded with all edges rolled or folded. Body shall have longitudinal members and cross members welded for floor support. Body floor shall be constructed with no less than 12 USS Gauge safety tread plate. Minimum effective dimensions as follows:
- a) Body Length: 126" minimum nominal length
 - b) Body Width: 94" - 96"
 - c) Body Height: 39" minimum
 - d) Floor Width: 50" – 55"
 - e) Top of Floor to Top of Body: 20" minimum
 - f) Compartment Depth: 18" minimum
4. Tail Shelf: Shall have a tail shelf with steps and grab handles on right (passenger) side of vehicle to provide entrance to aerial lift bucket. Tail shelf shall extend no less than 1" past the work platform when boom is cradled and shall be constructed of electrically welded steel. Shall have a minimum of three (3) steps with bottom step fastened to tail shelf with a flexible structure. Steps shall be designed to prevent operator from slipping when wet. Arch style grab handle shall be approximately 10.5" wide and 27" tall and shall be installed on the rear of tail shelf. An approximate 12" grab handle shall be installed on the rear of the service body within easy reach of operator.
5. Compartments: Each side of service body shall have two (2) vertical compartments in front of rear wheels, one (1) vertical compartment behind rear wheels, and one (1) horizontal compartment above truck wheels. Vertical compartments shall be full height and have adjustable shelves. Horizontal compartments shall have an adjustable shelf and dividers. All doors shall be protected from weather and have double panels with flush type handles and locks keyed alike. Doors shall have rubber seals to keep out water and dust.
6. Rear Bumper: Rear of chassis and/or tail shelf shall have a combination bumper and hitch which extends past the work platform when aerial boom is cradled. Bumper shall be USDOT approved. Hitch shall be a receiver type for rated 19,000 GVRW tow capacity of chassis. Shall have a 2" ball-pintle hook combination receiver hitch with safety chain hooks located in proper position for hooking trailer safety chains for transport. Shall have a trailer lighting/brake connector mounted securely in/on bumper. Connector shall be a female Hopkins model 40950 7-way and 4-way style

combination style or an approved equivalent. Connector shall be wired to brake controller and chassis lighting harness and fully operational at time of delivery.

7. Mud Flaps: Shall have mud flaps no less than 24" wide and ¼" thick, without advertising, mounted behind rear wheels.
8. Lights: Manufacturer's regularly furnished clearance lights meeting USDOT requirements. All bed clearance lighting shall be LED. Stop, turn, tail, reverse lighting shall be LED. Shall have approved permanent mount reflectors and reflective tape regularly furnished by manufacturer meeting USDOT requirements.
9. Backup Alarm: Shall be equipped with an electric backup alarm meeting the requirements of SAE J994 with a minimum sound level output of 97 decibels.
10. Color: Bed and aerial lift device shall be degreased, primed and painted Sherwin Williams F8W2030 Frost White acrylic enamel color or equal. Manufacturer's regularly furnished decals/stencils are acceptable. Manufacturer shall use anti-skid bed liner and step coating as regularly furnished in hazardous slip and or slide areas including inside of bed compartment, tail shelf and operator steps.
11. Aerial Bucket Lift: Unit shall have an insulated, telescoping, articulating, pedestal mounted boom assembly located in service bed which will allow maximum use of body space. Boom assembly shall have a continuous and unrestricted 360° of rotation. Aerial bucket lift shall meet the following specifications at a minimum:
 - a) Hydraulic System: Shall have a hot-shift PTO driven, full pressure, open center hydraulic system with adequate flow and pressure capacity to operate all functions of the aerial lift. Shall have a hydraulic oil reservoir with a capacity to operate hydraulic system at full capacity and maintain a sufficient reserve supply. Shall have elevation cylinder, hydraulically actuated telescoping boom, and hydraulically actuated boom rotator. All cylinders shall be double acting. Hydraulic system shall have by-pass valves to prevent overloading, and safety devices to keep load suspended in air in case of power or pressure failure.
 - b) Boom: Shall be a pedestal mount, telescoping type with a minimum of two (2) sections. Horizontal reach from centerline of rotation shall be no less than 29 feet with an end mount bucket. Height from ground to bottom of work platform at full extension shall be no less than 40 foot. Shall have a total boom travel of no less than 75° above horizontal to no less than 6° below horizontal. Shall have a support at rear of truck to cradle the boom with an additional support to rest the work platform on during road travel.
 - 1) Insulated Boom Rating: Boom assembly shall be insulated meeting ANSI 92.2-2015 Category C standards at minimum. Boom shall be rated for 46 kV and below AC electrical current.
 - c) Platform/Bucket: Shall be end hung type with a hydraulic leveling system. Shall also be equipped with hydraulic rotator providing a minimum of 180° rotation ability to allow the platform to be placed on either side of boom. Shall be constructed of fiberglass with approximate dimensions of 24"X30"X42" with an internal/external step for entering and exiting the bucket. Shall be rated for a load of no less than 400 pounds. Shall be equipped with protective weather cover.
 - 1) Fall Protection Equipment: Bucket shall have a fall protection device with lanyard and safety harness for operator. Fall protection device shall be a Buckingham Buckit™ Model 126A restraint system. Shall provide a Buckingham BuckOhm™ Truefit™ X-Style harness with Buckstep™ trauma straps and a 4' Buckingham BuckOhm™ Buckyard™ lanyard. Manufacturer may offer equivalent fall protection gear for prior ARDOT approval. Safety equipment must be able to keep the operator, basket, and the boom from hitting the ground in the event of a catastrophic separation of the bucket from the boom.
 - d) Controls: Shall have two (2) sets of elevation, extension, and rotation controls. One set to be mounted at platform bucket and one set to be mounted on pedestal with the capability of over-riding boom controls if necessary. Controls shall be full pressure, full feathering type with a single handle (joy-stick) upper platform control. Engine two speed with start/stop shall be included in platform controls. Shall have an emergency lowering valve located at the platform with the ability to lower bucket if needed.
 - e) Outriggers: Shall have two (2) outriggers built into each side of the front of the service body for the purpose of stabilization while aerial device is in operation. Outriggers shall be equipped with pivoting pads. Outriggers shall be hydraulically operated with double-acting cylinders and shall be equipped with an integral automatic pilot check valve. The system shall be equipped with shut-off and/or diverter valve(s) to prevent inadvertent operation of the out riggers when the boom is aloft. Outriggers shall also have interlock device to prevent boom operation until outriggers have been deployed. A warning light shall be installed in the truck cab to show when

the outriggers are not in the fully stored position. Bed shall include outrigger pads with storage racks built into service body.

- f) Stabilization: Shall be accomplished by means of torsion bar and counterweight as required by manufacturer. Unit shall be tested and certification shall be furnished that unit can be operated on level ground with the platform loaded to 150% of rated capacity, and on a 5-degree slope with the platform loaded to 133% of rated capacity, without lifting any tire from ground.
12. Warranty: Cab and chassis shall have truck manufacturer's regular warranty. Warranty data shall be furnished with each unit. The warranty data shall contain all necessary information such as motor and/or serial numbers and shall be signed by the selling dealer at the time vehicle is delivered to the Arkansas Department of Transportation.
- a) Aerial lift, service body, and other incidental equipment purchased under this specification shall be warranted against defective material and workmanship for a minimum period of twelve (12) months (365 Days) from date unit is placed in operation by ARDOT. In addition, manufacturer's standard period on components that exceeds the 12 months' warranty shall remain in effect.
 - b) If equipment cannot be repaired on location, warranty shall include cost of transport to the facility where the repair work will be done.
 - c) Warranty shall include all parts, labor and transportation costs to the location of equipment.
 - d) It will be the responsibility of the successful bidder to ensure that repairs are completed in a timely manner.
 - e) If any warranty literature submitted with the bid conflicts with ARDOT warranty requirements, the conflict(s) shall be specifically noted, corrected and included with the bid or the conflict(s) will be considered an exception to warranty specifications and the bid rejected.
 - f) Recent prior failure to provide warranty-work, parts, replacement parts or service, in a timely manner, for equipment from the same manufacturer or dealer shall be grounds for the rejection of any submitted bid, or for the denial of any otherwise qualified low bidder, whether such failure is attributable to the manufacturer or the dealer of the equipment. For the purposes of this paragraph "timely manner" means a period of time not exceeding thirty (30) calendar days to provide requested warranty-work, parts, replacement parts, or service. For the purposes of this paragraph "manufacturer" means the original manufacturer of the equipment and its successor or successors, regardless of number, and whether acquired by sale, merger, or otherwise. For the purposes of this paragraph "replacement part" means a part redesigned by a manufacturer to correct a design or engineering defect and which replacement part is capable of providing dependable performance in normal operation conditions for its normal service life without failure. Such bid or bids may be rejected by the Department until such failure or failures have been remedied to the satisfaction of the Department and until such manufacturer or dealer is providing such warranty-work, parts, replacement parts, and service in a timely manner.