



**GENERAL REQUIREMENTS AND SCOPE OF WORK
ONE-TIME BID FOR PURCHASE OF AN AERIAL BUCKET TRUCK (Complete).
BID NUMBER: 26-26076
JUNE 22, 2026**

GENERAL REQUIREMENTS:

1. Prospective bidders must prove beyond any doubt to SAWS Purchasing Department that they are duly qualified, capable, bondable, etc. to fulfill and abide by the specifications herein listed.
2. When contractor cannot abide by terms and conditions in fulfilling the contract, contractor must supply service or supplies from other sources at the contract price. If contractor delays in the above, SAWS reserves the right to purchase service or supplies on the open market and charge contractor the difference between contract price and the purchase price.
3. Bidders' facilities and equipment may be a determining factor in making the bid award. All bidders may be subject to inspection of their facilities and equipment.
4. Price shall remain firm as presented on the price schedule. Increases are considered if appropriate supporting documentation is submitted and substantiated.
5. Line Item Bid: Award will be made to the responsive, responsible bidder that offers the lowest price per line item.
6. The quantities and locations stated are estimates only and are in no way binding upon the San Antonio Water System. Estimated quantities and locations will be used for the purpose of evaluation. SAWS may increase or decrease quantities and locations as needed. All items not listed on the Price Schedule deemed by SAWS to purchase on a regular basis during the contract period will be added subsequently by issuance of change order(s). The quote(s) issued by the vendor to be evaluated by the SAWS Purchasing Department will suffice as establishing the contract price of the additional item(s). SAWS reserves the right to remove items from the scope of this contract.
7. **QUANTITIES:** The quantities listed in this Invitation to Bid are only estimates based on the best available information and are not an intent to purchase or a guarantee of future business. SAWS is obligated to pay only for those materials actually ordered by an authorized SAWS employee using a Purchase Order and then received as required by SAWS.

SAWS reserves the right to delete items, prior to the awarding of the contract, and purchase said items by other means; or after the awarding of the contract, to increase or decrease the quantities bid in accordance with §252.048 of the Texas Local Government Code. When estimated quantities are lower than estimated by more than 25%, bidder acknowledges acceptance of decrease with no further written consent required. No other changes shall be made without written notification of SAWS.

8. All bids submitted shall be valid for a period of not less than ninety (90) calendar days.
9. Questions regarding this bid received after due date and time will not be answered in order to allow ample time for distribution of answers and/ or addendums to this bid.

10. Bids may not be conditioned on minimum deliveries. The quantities shown are estimates only and are in no way binding upon SAWS. Estimated quantities will be used for the purpose of evaluation. SAWS may increase or decrease quantities as needed.
11. Freight will be paid only when SAWS has made a request for expedited delivery.

SPECIFICATIONS / SCOPE OF SERVICES

SCOPE: The San Antonio Water System is soliciting bids for a vendor to provide **Aerial Bucket Truck**. The intent of these specifications / scope of services is to describe the minimum requirements for the annual agreement for the purchase of **(1) 22,000 GVWR (minimum) Cab-Chassis (Single-Cab) 4x4 Truck with Installed Aerial Bucket Platform and Utility Service Body (Complete)**.

REQUIREMENTS: All materials supplied under the resulting contract shall be new, unused, of recent manufacture, and suitable for their intended purpose. If at any time the materials awarded to this contractor fail to meet the specifications as included herein, the material may be rejected, and payment will not be made for the rejected material.

MATERIAL SPECIFICATIONS

22,000 GVWR (minimum) CAB-CHASSIS (Single Cab) TRUCK with INSTALLED AERIAL BUCKET PLATFORM and UTILITY SERVICE BODY (Complete).

GENERAL CONDITIONS:

1. The furnished equipment shall be the manufacturer's latest current year, model, and design. All components shall be installed new, unused and the unit shall be serviced and ready for operation upon delivery. The completed unit shall meet or exceed manufacturer's DOT, ANSI and OSHA safety standards and regulations and Texas State requirements applicable for this class of equipment. The equipment to be furnished shall be the product of a qualified firm that is regularly engaged in the manufacturing and supply of this type of equipment. If an extended warranty is available from the manufacturer, term of the warranty and applicable costs shall be submitted as an option to the San Antonio Water System within the proposal. **Modifying An Existing Model to Meet Specifications or Prototypes and Unapproved Units Are Not Acceptable.**
2. The dealer and the manufacturer shall provide a **minimum of two-year warranty**, parts and service including the supplier's standard time period or the time designated in the factory warranty, whichever is longer, for the equipment and the attachments supplied. Parts and service shall be available within Bexar or adjacent counties from and by a factory-authorized dealer. Bids submitted by dealers located outside Bexar or adjacent counties shall include a signed agreement with a factory-authorized dealer located within Bexar or adjacent counties, providing full parts, service, and honoring manufacturers' warranty claims and repairs for the equipment on this bid. All bidders shall have a designated parts and service representative within Bexar or adjacent counties capable of performing repairs and have a current on-hand stocking of "fast-moving" parts with a turn-around period of approximately five (5) working days or less. SAWS has a critical need to keep this unit in service; therefore, parts availability is very important. Failure to comply with delivery requests may result in vendors being removed from all SAWS bidders list. Bids must contain a letter from the manufacturer that regardless of local dealership changes the manufacturer will support or provide reference service.
3. **Established Local Presence:** Contractors submitting bids must demonstrate an established presence in San Antonio and the surrounding counties for a **minimum of three (3) years**, including a proven history of serving local customers through brick and mortar and/or mobile service, for this type and quantity of equipment specified herein. Contractors must also show documented experience servicing bucket trucks as part of their ongoing local operations.

The Contractor must submit a list of references and locations where the type of services requested by SAWS has been or is currently being provided. Contractor must provide a minimum of 3 local projects that are similar in

nature in Bexar or adjacent counties. This list must be included as an **Ionwave Attachment**.

4. **Warranty start period will begin on the date the equipment is placed into service, NOT THE DELIVERY DATE. The successful bidder will be notified in writing of the "In-Service" date, by serial number. NOTE: It will be the successful bidder's responsibility to notify ALL PARTIES associated with this bid proposal of the written "In-Service" date for the applicable warranty start period (NO EXCEPTIONS).**
5. Bidder shall provide the manufacturer's printed terms and conditions for the standard base warranty. If an extended warranty is available from the manufacturer, terms and conditions of the warranty and applicable costs shall be submitted as an option to the San Antonio Water System within the proposal.
6. In addition to meeting the San Antonio Water System (SAWS) specifications, all vehicles shall meet or exceed the manufacturer's recommended specifications for the specified gross vehicle weight.
7. Installation of body and accessories on vehicle, shall be accomplished by drilling holes in the frame. Welding on or cutting the frame will NOT be authorized forward of the rear spring hanger or support.
8. Except for manufacturer's name or model designation, dealer's logos, decals, or any other form of markings pertaining to advertisement will not be applied to the equipment.
9. **Bidder shall submit with his proposal, the manufacturer's printed specifications for the complete equipment specified herein (No Exceptions). Bidder shall submit at a (minimum) 2D-CAD drawings and illustrations.**
10. Installation of the reinforced utility body, aerial platform/bucket, and other equipment shall be in complete compliance with Federal Motor Vehicle Department of Transportation, and Texas Highway Department standards and requirements with the appropriate Incomplete Vehicle Data Manual Certification. Certification shall be posted on the left, rear inside cab wall of the vehicle. The successful bidder shall ensure the correct weight distribution of all body components and other added equipment.
11. The gross vehicle weight of the completed vehicle shall be shown on rating plate attached to the vehicle by the cab and chassis manufacturer/dealer.
12. The unit, including all necessary equipment, shall be furnished completely and ready to use. All parts not specifically mentioned which are required for a complete unit shall be included and conform in design, strength and quality of material.
13. Individual truck specifications supersede general specifications.
14. The successful bidder shall provide all installation mounting reinforcements and modifications that may be required to accommodate and meet the requirements of the equipment. Bidder shall furnish any items not included in this specification but that are essential to the overall operation of the cab- chassis truck, utility body, and/or aerial platform device.
15. San Antonio Water System will receive one invoice for the completed unit. Invoice shall be date of final acceptance only after all contract Specifications and terms are satisfied by San Antonio Water System.
16. **Approved equals, inquires and all technical questions regarding truck, utility body and other equipment shall be directed to Mrs. Stephanie Macy for approval five (5) Calendar Days Prior To Bid Opening. Failure to obtain approval for an equal may result in non-acceptance of proposal.**
17. It will be the bidder's responsibility to be completely familiar with all specifications prior to submitting bid. No extra payment for the work specified will be considered. Bidder must include all costs related to this bid in their unit price.

18. **Notice to Bidders:** Interested bidders are cautioned to review the specifications carefully, as there may be special requirements not commonly offered by the equipment manufacturer. Do not assume your standard equipment meets all detailed specifications merely because it is listed as an example. Interested bidders are cautioned that any unit delivered to the FOB, which does not meet all specifications, will not be accepted.
19. Bidder, by submitting a quote, acknowledges that they have read and fully understand all requirements and take no exceptions.
20. The successful bidder shall provide the Manufacturer's Statement of Origin (MSO) and legal form 130U to register the vehicle for license plates in the State of Texas and shall be furnished when the equipment is delivered. **NOTE: Vendor should include a certified weight slip of completed vehicle at delivery (NO EXCEPTIONS). MSO and 130U Legal Form shall be assigned as follows:**
- San Antonio Water System
2800 U.S. Hwy. 281 North
San Antonio, Texas 78212.**
21. **Vendor shall submit the name of an available vendor within Bexar County to perform warranty work on all aftermarket items.**
22. Any manufacturer, brand and model numbers used in these specifications are for the purpose of describing and establishing minimum requirements or level of quality, standard of performance, and design required, and in no way intended to prohibit the bidding of other manufacturer's items of equal specification.

DELIVERY REQUIREMENTS:

23. **Vendors shall be required to submit the number of Delivery Days of vehicles/ equipment with bid proposal.**

NOTE: NO delivery of vehicles and equipment shall be made before 01/01/2027. HOWEVER, SAWS shall require ALL DELIVERIES of vehicles and equipment to be completed and delivered ON or BEFORE 12/15/2027. (VENDOR SHALL PROVIDE MONTHLY UPDATES).

Providing equipment(s) which do not meet all specification requirements does not constitute delivery. All vehicles and equipment furnished under this contract shall not be driven or towed in any manner from the manufacturer to the delivering dealer. The delivery dealer shall not add more than 3,000-miles on vehicle. Vehicles and equipment shall be delivered to San Antonio Water System, Steven M. Clouse Water Recycling Facility, 3495 Valley Road, San Antonio, Texas 78221.

Vendor shall contact Mr. Jim Ed Jandt @ 210-233-3906 or james.jandt@saws.org, 24-hours prior to delivery. All vehicle deliveries shall be made between 8:00 AM and 4:00 PM, Monday through Friday. No deliveries shall be made after hours, on weekends, or during state or federal holiday periods without prior written authorization by the qualified ordering entity. The qualified ordering entity shall in no way be liable for vehicle(s) delivered during the excluded periods without prior written approval from qualified entity personnel. **The vendor shall deliver vehicles in full compliance with the specifications to the ordering entity's FOB point.**

TRAINING REQUIREMENT:

24. **All equipment delivered because of this proposal shall include an instructional use program for individuals to operate the equipment. This instructional program shall be conducted by an authorized and qualified representative of the manufacturer. The instructional shall be conducted at San Antonio Water System, Steven M. Clouse Water Recycling Center, 3495 Valley Road, San Antonio, Texas 78221. This instructional program shall be a curriculum designed by the manufacturer.**

The instructional program shall be of sufficient length with appropriate field instruction to fully familiarize SAWS operating personnel with all elements of the equipment, the operation of all the equipment and the appropriate maintenance of the equipment and related parts.

These instructions shall also include field procedures, techniques of use, maintenance, and troubleshooting. The instructional program shall be submitted to SAWS for review and approval before scheduling the on-site training. Training shall be coordinated with Mr. Jim Ed Jandt at 210-233-3906.

VEHICLE FUELING TRANSMISSION SYSTEM:

25. *Vendor shall provide and install the AssetWorks Fuel Focus System prior to delivery (NO EXCEPTIONS).*
The vehicle information transmission system shall be a data collection computer mounted on the vehicle / equipment. The computer should be an AssetWorks FuelFocus data system (NO Exceptions). The vehicle information transmission system shall include the following, FJ3 Unit, hard wire adapter, connector cable, and fuel inlet antenna. The system shall be an onboard computer responsible for collection and storage of data pertaining to a particular vehicle / equipment. Stored fuel data shall include, at a minimum, the system and fleet numbers, the vehicle identification number, odometer, tank capacity, fuel type, engine hours, etc.

All parts orders shall go through PARTWORKS website. Once they receive an email from dealer/upfitter/vendor/etc. AssetWorks will validate that the vendors and dealers will receive the proper compatible parts for the installation.

For Further vehicle fueling information transmission, please contact:

www.assetworks.com

or

hardware.orders@assetworks.com

SILENCE OF SPECIFICATIONS:

The apparent silence of this specification and any supplemental specifications as to any details or the omission from it of a detailed description concerning any point shall be regarded as meaning that only the best commercial practices are to prevail and that only materials of first quality and correct type, size, and design is to be used. All workmanship is to be first quality. All interpretations of this specification shall be made upon the basis of this statement with SAWS interpretation to prevail. Any deviations from this specification must be approved by the San Antonio Water System.

MINIUNUM SPECIFICATION CAB-CHASSIS:

Chassis shall be equipped with all standard features and options as listed in the manufactures catalog. The **22,000 lbs. (minimum) 84" CA, 4x4, regular-cab (2-door), dual rear wheel cab-chassis** shall accommodate a reinforced utility body with installed aerial bucket platform and shall conform to the foregoing General Conditions, Minimum Specifications, and Special Specifications listed below and be equipped with the various items specified therein:

1. Current state safety inspection sticker, where applicable.
2. Maximum cooling system available for engine and transmission specified.
3. Oil filter, full flow.
4. Dry type air cleaner.
5. Factory installed fresh air "Deluxe" type heater and defroster.
6. Electric windshield washer and wipers with intermittent control.
7. Factory installed air conditioner.
8. Arm rest on all doors.
9. Two sun visors (drivers and passenger).

10. 12-volt power point (2-minimum) dash mounted and **Upfitter Auxiliary switch package (4-minimum).**
11. 12-volt 135-amp alternator (minimum).
12. Front and rear turn indicator lights with four-way flashers.
13. Inside rear-view mirror.
14. One set of safety belts for each passenger seating space.
15. Battery to be two, (2) 12-volt, 750 CCA (minimum) available from manufacturers.
16. All safety equipment required by the Federal Government.
17. Front bumper.
18. Fuel, engine oil pressure, coolant temperature and charging system indicators, gauges or lights.
19. Permanent type anti-freeze to 0 degrees.
20. **Tilt steering column with Power steering. (Non-tilt column will not be accepted).**
21. 40-gallon (minimum) fuel tank, unless otherwise specified, **shall be full of fuel upon delivery.**
22. Painted OEM white, unless otherwise specified.
23. Factory tinted glass on all windows.
24. **Front seat to be a 60-40 split type bench with fold down center arm rest and shall be covered in a high-quality material.**
25. Dome light.
26. Black and white interior trim, including upholstery, is not acceptable (except for black floor mats).
27. Individual truck specifications supersede general specifications.
28. In addition to meeting the San Antonio Water System (SAWS) specifications, all vehicles shall meet or exceed the manufacturer's recommended specifications for the gross vehicle weight specified.
29. The gross vehicle weight of each vehicle must be shown on a rating plate attached to the vehicle by the manufacturer.
30. The successful bidder shall provide two (2) complete sets of OEM maintenance and service repair manuals either in print (hard copy) or in electronic format. (Flash drive or online access).
31. Minimum GVWR rating of **22,000 lbs.**
32. Minimum front axle rating of approx. **7,500 lbs.,** and rear axle rating of approx. **15,500 lbs.**
33. Wheelbase of approx. **169 inches, + or - 2 inches** with a cab to axle length of **84 inches + or - 2 inches** or **as determined by manufacture,** to accommodate a utility body with mounted aerial device.
34. Automatic transmission – six, or ten-speed type, heaviest-duty available, with PTO provisions.
35. OEM, West Coast type outside rear-view mirrors, left and right side, (Split type mirror system with one flat and one convex mirror surface). **To be 12 volts electric controlled/adjusted, (No Exceptions).**
36. Power brakes, hydraulic, 4-wheel vented-disc, with ABS.
37. Full headliner.
38. Heavy-duty front and rear suspension to include heavy-duty shock absorbers, 4x4 package with skid plates.
39. AM-FM radio (minimum) to be a chassis factory installed standard band transistor. Antenna, which may be integral part of the windshield, shall be furnished and installed.
40. One left side and one right side door **with power windows and door locks.**
41. Diesel engine, **330 horsepower** (minimum) at **950-ft lbs. of torque** (minimum).
42. Tires (6) shall be manufacturer's first line, steel belted radial tires that will meet or exceed the Manufacturers GVWR rating for the specified vehicle. **All Season tread design,** OEM Manufacturer's brand.
43. **Vehicle shall be equipped with Wheel Check loose wheel nut indicators on all wheel lug nuts, (No Exceptions).**
44. Truck shall be equipped with **manufacturer factory installed trailer brake controller** or Jordan 2000 Mark4, Kelsey Hays No. 81741A (or approved equal).
45. The vehicle(s) should be equipped with one (1) right side and one (1) left side mounted **OEM Platform Running Board (if available).** If not available, side-mounted step bars shall be provided, Westin, Lund, Aries, or Rhino Brand sidestep bars or (approved equal). The side steps bars shall be mounted securely to the body/chassis below the driver(s) side and passenger door(s), they shall allow ease of entrance and exit of vehicle. The sidestep bars shall have a sufficient length when mounted and shall start from behind the front wheel well opening and extend to the rear of the cab.
46. **Window tint:** Vendor shall install / apply prior to delivery window tint to the driver's side door glass and passenger side door glass with at least 25% light transmission or TX DOT approved minimum legal light transmission value. The window tint shall be top quality non-fading type. In addition, the rear side window(s) / doors shall be tinted with a darker shade of window tint.
47. **Manufacturer's rear view back up camera system with display.** **NOTE: If not available from**

manufacturer, vendors shall supply and install an RV type rear view camera system, Gemineye EC4200-K 4.3" LCD Color Mirror System (Or SAWS approved equal). The camera shall include protection from damage as well as, a sun shield to eliminate glare.

48. **Frame extension:** Aft axle frame extension shall be determined by the manufacturer to accommodate the requested equipment listed herein.

Intent: The purpose of the specifications below is to describe a mounted utility body and an aerial bucket platform device, that shall be installed on a 22,000 lbs. GVWR (minimum), 4x4, with dual rear wheels regular-cab, cab-chassis, with an approximate wheelbase of 169" inches and a cab to axle of 84" inches. The unit shall include all manufacture's standard equipment and safety components unless otherwise specified or replaced herein. Prototypes or unapproved units are not acceptable.

Utility Body Specifications:

Body Configuration

Body shall consist of a total of seven (7) compartments and configured as follows:

Street-side shall consist of two (2) vertical compartments in front of rear wheel, one (1) horizontal compartment above the wheel and one (1) vertical compartment behind the wheel.

Curb-side shall consist of one (1) vertical compartment in front of rear wheel, one (1) horizontal compartment above the wheel and one (1) vertical compartment behind the wheel. **Note: Side entry will be in place of the second vertical curb-side compartment.** Vertical compartments shall be full height with side hinged door and horizontal compartment over the wheel to have a drop-down hinged door.

Compartment sizes

NOTE: All dimensions are + or – 2" inches

1. **Curb-side Compartments** with shelving package to include additional shelves and dividers to be placed as specified below:
 - 1a. Front vertical compartment shall be approximately 34" wide by 40" tall and 20" deep with three adjustable shelves with adjustable clips and dividers, shelves to be evenly spaced.
 - 1b. **Side entry** to gain access to bed, cargo, and aerial platform shall be 24" wide. Entry shall have a (minimum) of three (3) steps. Two (2) steps of which shall be integrated into service body with one (1) bolt-on or cable type design for ease of access. Steps shall have a raised tread design, or a slip resistance lining/coated sprayed on for traction aid. Entry shall have handrails on both sides of steps, firmly attached to the compartments to the right and left. Handrails and steps shall be painted with highly reflective yellow paint.
 - 1c. Horizontal compartment shall be 50" wide, 20" deep with a 250 lb. (minimum) capacity slide out shelf with dividers. The slide out shelf shall be mounted 6 1/2" below the top of compartment. A removable shelf and dividers shall be positioned in the bottom of compartment.
 - 1d. Rear vertical compartment shall be 24" wide, 40" tall, and 20" deep and shall have three adjustable shelves with adjustable clips, shelves to be evenly spaced.
2. **Street-side Compartments** with shelving package to include additional shelves and dividers to be placed as specified below:
 - 2a. Front vertical compartment shall be 34" wide by 40" tall and 20" deep with three adjustable shelves with adjustable clips and dividers, shelves to be evenly spaced.
 - 2b. Second vertical compartment shall be 24" wide by 40" tall and 20" deep with three adjustable shelves with adjustable clips and dividers, shelves to be evenly spaced.
 - 2c. Horizontal compartment shall be 50" wide, 20" deep with a 250 lb. (minimum) capacity slide shelf with dividers. The slide out shelf shall be mounted 6 1/2" below the top of compartment. A removable shelf and dividers shall be positioned in the bottom of compartment.

- 2d. Rear vertical compartment shall be 24" wide, 40" tall, and 20" deep and shall have three adjustable shelves with adjustable clips, shelves to be evenly spaced.
3. Each compartment shall have rope lighting installed; Lights shall be activated by a door switch when a compartment door is opened and turn-off when the door is closed, or an illuminated master switch located in the truck cab easily accessible to operator.
4. All compartments' interiors shall be painted with Zolatone 20-Series (Or equal) Colored light gray or white. Entire body underside shall be fully undercoated with an automotive grade undercoating.
5. The body shall be constructed of 14-gauge galvanized steel (minimum) with 12-gauge (minimum) tread plate on the compartment top, backs, bulkhead, and floor of cargo area. Each compartment to be supplied with compartment drain holes in all four corners and water remediations designs.
6. Spring loaded door retainers on all vertical doors shall be detachable to allow the door to swing 180°. Heavy-duty chain supports on the horizontal doors, to be easily removed to allow the door to drop down.
7. **Door latches are to be heavy duty, three (3) point D-Ring, T-handles, or Whale tail type with adjustable strikers and a master locking system for both side compartments shall be included. Doors are to be keyed alike per unit. However, shall be keyed differently from other utility bodies. NOTE: No two (2) utility beds are to be Keyed alike (NO EXCEPTIONS).**
8. Automotive square-type replaceable bulb rubber seal, in a full perimeter protective channel in all compartment doors.
9. **Tailgate**, approx. 12" high, one-handed opening and slam close design. Tailgate shall be equipped with center release stainless steel latch.
10. **Stabilizer pad storage/transport** device shall be installed under the utility body compartment, in proximity to the "A" frame outriggers. One (1) on each side and shall be of adequate size to house (2) wooden outrigger pads and shall be equipped with a locking device. **Four (4) stabilizer street pads, 19" x 19" x 2.5" with rope handles shall be provided.**
11. Vendor shall equip the truck with a **Full width headache rack**. A heavy duty constructed headache rack shall be installed behind cab; rack shall have an expanded metal screen or metal louvers to protect rear cab window. It shall be constructed as normally furnished on a truck of the specified size.
12. **Bed liner**; the cargo area floor, headboard, side flange, tailgate and rear bumper top surfaces shall have a sprayed on, shock absorbent, UV protected, type bed liner to be the color of black. The liner should be applied only after the bed surfaces have been thoroughly scuffed, cleaned and properly prepped. The liner shall be applied evenly without voids or skips with a minimum thickness of a ¼" on the floor and 1/8" on the sides. All areas that are not to be coated shall be masked off and protected from material over spray. An approved installer who does this type of work on a regular basis shall install the liner. The liner shall carry a lifetime warranty covering peeling, gouges, scratches and discolor, warranty shall cover material and labor for as long as SAWS owns the vehicle.
13. **All surfaces of the service body**, including cross members, sub-frame, and long sills, shall be thoroughly prepared and cleaned to remove all dirt, oil, grease, rust, slag, scale and other foreign matter prior to priming. The cleaned and prepared surface shall be treated with a rust treatment prior to primer and given a shop coat of primer and thoroughly dried. The primer used shall be compatible with the finish coat in order to ensure proper adhesion of the finish coat. The finish coat shall be first quality air-drying paint. The minimum dry film thickness of the finish coat shall be 1 mil. The service body shall be painted the same color as the truck cab except for rubber or metallic accessories or fixtures constructed of rust resistant or plated material not normally painted. Lead free paint is acceptable if it matches the color of the truck cab. The entire underside of the utility body shall be completely and thoroughly undercoated without skips, voids or thin places.

14. **All lighting** will meet Federal Motor Vehicle Safety Standards. Taillights, backup lights, clearance lights, and reflectors are required. Stop/tail/ turn and backup lights are to be flush mounted LED type seal beams with shockproof rubber grommets. A license plate bracket with light and wiring harness will be provided. All electrical wiring shall be color coded, wrapped in a protective polyvinyl jacket automotive split loom and secured within the body and frame. Reflectors shall be mounted on the sides and rear in addition shall meet or exceed manufactures, DOT's, State and Federal safety standards and regulations applicable for this class of equipment. **(Wire splicing will not be accepted). All electrical connections and wire end for the body and trailer plug shall be soldered (wire connectors are not acceptable).**
15. **Heavy Duty Rear bumper** shall be a 24" (minimum) workbench type with pass-through storage compartment and removable vise stand.
- Bumper shall be constructed of 12-gauge steel with reinforced bumper overlay.
 - Spray-on liner shall be applied to top of the bumper for slip resistance. Liner shall conform with the same material and process as stated above under bed-liner section.
 - Bumper shall have matching latches the same as used on the service body doors.
 - The bumper should include a pass-through compartment with a door on each side and should have latch protection for stored items.
 - Bumper shall have large integrated steps and upright handrails, mounted to bumper or grab handles mounted to rear of utility body located on both sides, for maximum safety. Handrails or grab handles shall be painted with the same highly reflective yellow paint.
16. Removable Vise Stand mount plate shall be located on the curbside rear approximately 38" from the ground to the top of the 12" X 12 X 1/4" base plate, with a gusset support on two sides. **Vise mount design and mounting location shall be coordinated through Mr. Jim Ed Jandt 210-233-3906.**
17. **Wheel Chocks:** Compartment/ holders shall be integrated on each side of the utility body. Chock block compartment/ holders shall be of adequate size to accommodate one (1) block per compartment or two (2) blocks per compartment and shall be designed and installed the same for each side. **One (1) set of wheel chock blocks, applicable for this type of equipment, shall be provided (No Exceptions).**

TELESCOPIC AERIAL DEVICE:

Aerial device shall be an Altec Model AT48M Articulating Telescopic Aerial Device (No Exceptions). Aerial device shall meet or exceed a Category "C" Rating Per ANSI A92.2 and be dielectrically tested and rated for operations on systems up to 46 KV phase to phase. The unit shall include all standard equipment and safety components as listed in the manufacture's latest catalog unless otherwise specified or replaced herein. Prototypes or unapproved units are not acceptable.

1. End Mounted, (minimum) 24" x 30" x 42" or (largest available) One Person Platform, with a capacity of up to 400 lbs. and 180 deg. rotation, fiberglass.
2. Ground to bottom platform height of approx. 47.5 ft. at 6.7 ft. from centerline of rotation.
3. Working height of approx. 52.5 ft. (minimum) and a horizontal (maximum) reach of 31.2 ft.
4. 4-Function Single Stick (Single-hand operation).
5. Engine start/stop at platform.
6. Throttle control at platform.
7. Emergency-Stop, at upper and lower controls.
8. Safety Harness with Attached Lanyard.
9. Continuous Unrestricted Worm Gear Rotation 360 deg.
10. Full Pressure Controls on Side of Platform.
11. Individual Lever Lower Controls located above rotation.
12. Platform Tilt Control at Upper and Lower Controls.
13. Hydraulic Platform Leveling.
14. Steel Main Boom.
15. Fiberglass Second Section Boom.
16. Fiberglass Lift Boom Insert.

17. Lower Controls recessed at rear of truck for ease of view for outrigger placement.
18. Full Pressure, Open-Center Hydraulic System, 6 GPM and maximum operating pressure 3,000 psi.
19. 15 Gallon Hydraulic Reservoir (minimum), rectangle, 22" L X 8 ½" W X 24" H, to include breather caps, dipstick, and equipped with filtering system and temperature sight glass/gauge. Hydraulic oil HVI-22 with Dye.
20. Padded Boom Rest.
21. Truck Level Indicator.
22. Vinyl platform cover and platform liner with 50 kV rating.
23. 1-Set, Primary, Modified "A" frame outriggers, to fit a 30"-34" chassis height, mounted behind the cab, to include tie plates. No valves on legs, equipped with electric interlocks and fixed stabilizer pads/ shoes, to spread 112". (No Exceptions).
24. 1-Set, Secondary, Vertical "H" frame outriggers, to fit a 30"-34" chassis height, rear mounted, equipped with fixed stabilizer pads/ shoes, to spread 87". (No Exceptions).
25. Auxiliary let down system.
26. Boom over stow protection, boom-to-boom stow interlock, boom storage warning light.
27. Outrigger sag light, 12-volt.
28. Moving outrigger alarm and boom interlock.
29. Tool pouch or organizer supplied inside bucket platform.
30. Aerial bucket, boom, and additional components shall be the color of white to match chassis-cab.

ACCESSORIES/ OPTIONAL EQUIPMENT/ ADDITIONS:

- 1) **One electrical 97 dB Target Tech #210331** or approved equal backup alarm to meet or exceed State and OSHA requirements.
- 2) **One amber, Target Tech # 420200-02**, Preco series # 3614*D or approved equal strobe light shall be mounted on the top center of the headache rack. The strobe shall be mounted to an aluminum stiffener plate and raised sufficiently for 360-degree visibility and bolted to headache rack. An illuminated rocker switch to turn on the strobe light shall be mounted inside the cab and labeled the switch shall be mounted in a way that is easily accessible to operator. Strobe light shall be wired to **chassis manufacture provided upfitter switches. Note: Final mounting location shall be coordinated through Mr. Jim Ed Jandt @ James.Jandt@saws.org or (210) 233-3906.**
- 3) **Mud flaps:** Shall be installed behind the rear wheel with a ground clearance of approximately six (6). "The mud flaps shall be Anti-Sway/ Anti-Sail type, with a minimum thickness of 3/8", black in color without identifying markings, and shall be installed immediately behind rear wheels at a distance far enough as to prevent tearing-off while backing over curbs and other obstructions.
- 4) **Four (4) 12-volt, LED work lights** with adjustable brackets mounted on the left and right side of the utility body, (minimum 48 watts) with an illuminated toggle switch mounted in cab, **NOTE: Work lights shall be wired to chassis manufacture provided upfitter switches.** Work lights shall be wired independently of other lighting accessories. All four (4) work lights shall have the ability to adjust in full range up and down and rotate 180-degrees to allow the operator the ability to adjust work lights over the sides and rear of truck, safety illuminating work area. **Note: final mounting location shall be coordinated through Mr. Jim Ed Jandt @ James.Jandt@saws.org or (210) 233-3906.**
- 5) **Strobe Lights:** Aerial truck shall be equipped with a Whelen M7M model or Federal Signal (Fire Ray) series 7"x 3" self-contained LED, two (2) channel, split color (amber/blue), 12-volt corner strobe lighting system. Corner strobe lighting system shall be **operated separately from other lighting systems by a chassis manufacturer provided up-fitter, in-dash switch**, clearly labeled, and marked. The lighting assemblies shall be mounted on the front, midship, and rear of the vehicle in the following manner: one (1) on the right-side front and one (1) on the left- side front (both to be forward facing), one (1) right-side center midship, one (1) left-side center midship (both to be

side facing), one (1) on the right-side rear and one (1) on the left-side rear (both to be rear-ward facing). The corner strobe lights shall be shocked resistant and watertight. The System should be fused and installed in a manner that will not affect other vehicle systems.

Strobe Light Operation/Wiring: Amber/ Blue strobe lights shall be operated through the same ON/OFF switch, however, wired independently from one another through means of the vehicle's emergency brake system. The blue light channel shall be wired to illuminate when the vehicle is in the parked position **ONLY** and shall not illuminate when the vehicle is in motion. When the emergency brake system is in the **ON, (applied)** position, the signal will be sent to illuminate the blue light channel. Once the emergency brake is in the **OFF, (released)** position, the signal will be interrupted, and the blue light channel will **NOT** receive a signal to become illuminated. The amber light channel shall receive a signal to illuminate when the ON/OFF switch is activated, regardless if the vehicle is parked or in motion. **Note: final mounting location shall be coordinated through Mr. Jim Ed Jandt @ James.Jandt@saws.org or (210) 233-3906.**

- 6) **One (1) cargo light.** A 12-volt, LED work light with adjustable brackets mounted on the headache rack pointing to the cargo area shall be installed with the ability to adjust left, right up and down. (Minimum 50 watts) **NOTE: Work lights shall be wired to chassis manufacturers provided upfitter switches.**
- 7) **Heavy-Duty Receiver Hitch:** Vendor shall include a heavy-duty receiver hitch mounted in the center of the rear frame. One lashing ring (D-ring) Buyers No. B40 (or equal) shall be installed on either side of the receiver hitch, appropriately spaced to allow hook-up of safety chains. The hitch shall be adequately braced to accommodate a 6-ton pintle hitch. Additional bracing shall be installed from the center of the bumper to the truck frame. In addition, mounted in an area as not to interfere with receiver hitch or safety chains the following accessories shall be included. **NOTE: Receiver height shall measure NO LESS than 19" from the ground to the center of the hitch pin when installed in the throat of the receiver (NO EXCEPTIONS).**
 - Wired with 7-way plug outlet, Pollack Part #12-705 (or equal).
 - Trailer brake actuator, **manufacturer factory installed trailer brake controller (If available)** or Jordan 2000 Mark-4, Kelsey Hays No. 81741A (or equal).
- 8) **Reflective red & white striping in a Chevron pattern shall be applied to 100% of all the rear-facing vertical surfaces,** visible from the rear of the utility truck. The unit shall meet or exceed manufacturer's DOT's and Federal safety standards and regulations applicable for this class of equipment. Markings shall be 3" wide, 3M brand or equivalent and made of top-quality material to withstand, peeling, cracking, flaking, and fading. All edges and seams shall be sealed accordingly to help prevent peeling.
- 9) **Fire Extinguisher:** A 5 lb. (minimum) dry chemical fire extinguisher shall be provided and installed on top of street-side utility body within easy reach of the operator. All hardware and mounting bracketry shall be provided, and extinguisher shall be securely and firmly mounted prior to delivery. **Note: Final mounting location shall be coordinated through Mr. Jim Ed Jandt @ James.Jandt@saws.org or (210) 233-3906.**
- 10) **Power Inverter:** Unit(s) shall be equipped with a "Go Power" 2000-Watt Pure Sine Wave Power Inverter, part number is GP-ISW2000, (or approved equal) and installed using the following installation kit part number GP-DC KIT 4. The power inverter unit shall include a dash mounted remote power switch "Go Power", Part number GP-SWR-A (or equal to operate inverter remotely). The unit shall include a heavy-duty, 110-volt extension cord with a male plug on one end and a females plug on the opposite end of the cord; it shall be long enough to provide power to the front area of the cab and shall be routed under the floor mat if the inverter is to be mounted under the back seat. **Note: Final mounting location shall be coordinated through Mr. Jim Ed Jandt (210) 233-3906.**
- 11) **Cone holder one (1) each** shall be mounted to the front bumper on either side of the radiator grille so, they will not interfere with the cooling of the truck. The cone holders shall be able to hold a minimum of seven (7) cones each with 12" square bases. The holders shall have a locking device to secure the safety cones and have a lockable hinge design to enable the hood to flip forward for gain under hood access. **The final design and mounting location shall be coordinated through Mr. Jim Ed Jandt (210) 233-3906 (NO EXCEPTIONS).**

ESTIMATED DELIVERY:

Delivery will be completed within _____ calendar days after receipt of order. (If applicable)

PRICE SCHEDULE:

Item	Description	QTY	Unit Price	Unit of Measure	Extended Price
1.	22,000 lbs. GVWR (minimum) Cab-Chassis (Single Cab) Truck with Installed Aerial Bucket Platform and Utility Service Body (Complete). Manufacturer and model	1.	\$	EACH	\$
TOTAL					\$

SBOP - Small Business Opportunities Program Compliance

1. The purpose is to encourage and involve qualified small, minority and woman-owned businesses (SMWBs) into the bidding process.

Please note that as of 3/5/2024, San Antonio Water System has an updated SBOP Policy and scoring methodology which are being implemented by San Antonio Water System. Since this is an Invitation for Bid where award will be made to the lowest responsible bidder, this bid will not be scored for SBOP participation. However, SAWS encourages vendors to include SMWB-certified subcontractors/suppliers in the performance of the resultant contract. SMWB-certified Respondents and/or SMWB-certified Subcontractors/Suppliers must be certified by the South Central Texas Regional Certification Agency. Eligible firms (including MBEs and WBEs) must be certified as a Small Business Enterprise (SBE), must perform a commercially-useful function on the project, and must have an established place of business in the Relevant Marketplace. Please see the Good Faith Effort Plan for definitions of terms.

The SAWS Good Faith Effort Plan (GFEP) will be used for evaluating SMWBs' participation. However, all subcontractors and/or suppliers, whether SMWB-certified or not, must be listed in the GFEP. The SBOP goal is expressed as a percentage of the total dollar amount of the contract going to local SMWB-certified subcontractors or suppliers, or that the Respondent anticipates subcontracting or finding suppliers for, including any future contract amendments or change orders. The goal shall also apply to contract amendments that require work beyond the scope of services originally required to accomplish the project.

2. Notices to firms contacted by the proposer for specific scopes of work identified for subconsulting/supply opportunities must be provided to sub-consultant/supplier ***not less than five (5) business days prior to the solicitation due date.***

3. SOLICITATION METHOD(S) UTILIZED FOR GOOD FAITH OUTREACH:

At least two methods of solicitation are required, and the approved method(s) to be utilized for the solicitation are listed below. Copies of the actual postings, direct contact email/phone log, etc. must be attached to this form as supporting documentation for each method used. Failure to adequately follow these steps will result in the requirement to take additional steps to become compliant.

- ☐ Newspaper Advertisements
- ☐ Meetings or Conferences
- ☐ Trade Association Publications
- ☐ Minority Media
- ☐ Internet & Web Postings Other Government Publications
- ☐ Direct Contact by Phone, Fax, USPS Mail, or Email*

* If using direct contact, entities must solicit to a minimum of three (3) SMWB-certified businesses/firms for each scope of work that Respondent intends to engage a subconsultant for (i.e., construction, supplies, equipment, or services).

4. The successful Bidder is required to electronically submit actual subcontractor payment information using the Subcontractor Payment and Utilization Reporting (S.P.U.R.) System, accessed through a link on SAWS' "Business Center" web page. Payment reporting will begin with the first SAWS payment for services under the contract, and with every payment thereafter (for the duration of the contract). The Contractor and all subcontractors will be provided a unique log-in credential and password to access the SAWS subcontractor payment reporting system. The link may be accessed through the following internet address: <https://saws.smwbe.com/>.

Training on the use of the system will be provided by SAWS upon request. After the prime receives payment from SAWS, electronic submittals will require data entry of the actual amount paid to each

subcontractor listed on the Contractor's Good Faith Effort Plan. Any unjustified failure to comply with the committed SBOP levels may be considered breach of contract.

If there is not an opportunity to subcontract any components of the contract, then use of the S.P.U.R. System is not applicable.

5. Please contact the Director of Business Engagement and Contract Compliance at marisol.robles@saws.org for any questions pertaining to the Good Faith Effort Plan, the SBOP Program, or S.P.U.R. System reporting.