

ARKANSAS STATE HIGHWAY & TRANSPORTATION DEPARTMENT
EQUIPMENT AND PROCUREMENT OFFICE
LITTLE ROCK, ARKANSAS

February 22, 2012

NOTICE TO BIDDERS

ADDENDUM

OPENING DATE: March 6, 2012

Contract No. H-12-067R – Cab & Chassis, 16,000 lbs. GVWR, Diesel, 60" CA, with
Service Body and Electric Powered Crane

The attached AHTD Specification No. 12-154-020, replaces the incomplete specification
that was mailed out in the original bid package.

A handwritten signature in cursive script that reads "Danny Keene". The signature is written in black ink and is positioned above a horizontal line.

Danny Keene
Division Head
Equipment and Procurement

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

SPECIFICATION 12-154-020

FOR

CAB AND CHASSIS

16,000 POUNDS GVWR

DIESEL

WITH SERVICE BODY

AND ELECTRIC POWERED CRANE

1. Chassis:

- A. GVWR: No less than 16,000 pounds.
- B. Wheelbase: Minimum of 128", maximum of 145".
- C. Cab to Axle: 60", nominal.
- D. Engine: Liquid cooled turbocharged diesel with a minimum piston displacement of 6.7 liters developing no less than 300 SAE gross horsepower at rated RPM and no less than 600 lb. ft. SAE gross torque. (The following engines are acceptable: Duramax; Cummins. If an alternate engine is proposed, it must be approved by AHTD prior to bid opening.) Shall be equipped with air cleaner, no less than two (2) maintenance free batteries with a minimum rating each of 750 cold cranking amps at 0° F, full flow oil filter, fuel filter and not less than 130 amp alternator. Engine shall be equipped with a block heater which will operate on 120 volts AC.
- E. Cooling: Heavy duty cooling system with anti-freeze protection to -20° F, or lower.
- F. Transmission: Automatic, with a minimum of six (6) forward speeds. Transmission shall be equipped with PTO provision and include an auxiliary transmission oil cooler.
- G. Steering: Hydraulic actuated power steering as regularly offered by manufacturer.
- H. Front Axle: I-beam or solid type axle. Capacity of front axle and springs shall be as recommended by manufacturer for vehicle to meet or exceed GVWR specified above.
- I. Rear Axle: Hypoid type, full floating, with a ratio of 4.44 or 4.88 to 1. (Alternate ratio may be provided if approved by AHTD prior to delivery.) Capacity of rear axle and springs shall be as recommended by manufacturer for vehicle to meet or exceed GVWR specified above. Rear springs shall consist of both main and auxiliary or overloads.
- J. Brakes: Power front and rear disc with four wheel anti-lock. Parking brake as regularly furnished by manufacturer.
- K. Cab: Conventional Cab complete with insulation and all standard interior trim, dual electric intermittent windshield wipers, right and left sun visors, factory installed electronic AM/FM radio, floor covering consisting of manufacturer's standard materials and colors for model and trim level provided, factory installed fresh air heater defroster unit, key lock on doors, inside rear view mirror, and right and left side trailer tow type exterior mirrors with extended or extendible arms. Mirror heads to measure no less than 6" x 9".
- L. Seating: May consist of a split bench seat with three (3) person seating or a driver's high back bucket seat and two (2) person passenger seat. Upholstery to consist of manufacturer's standard materials and colors for model and trim level provided. Seat belts shall be provided for all seating positions.
- M. Air Conditioning: Shall be equipped with factory installed air conditioning and include tinted glass.
- N. Tilt Steering Column: Factory installed.
- O. Speed Control: Automatic speed control (may be dealer installed, but of same manufacturer as vehicle).
- P. Wheels: Seven (7) 19.5" steel disc with no less than 6.0" rim section. Rear wheels to be dual.
- Q. Tires: Seven (7), no less than 225/70R19.5 - F load range, all season tubeless radials (duals on rear).
- R. Fuel Tank(s): Minimum fuel capacity of 40 gallons. Fuel fill hose assembly furnished with fuel tank(s) shall be a minimum of 36" in length to allow attachment to an aftermarket body.
- S. Front Tow Hooks: Two (2), minimum

- T. 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 and identification lamps. Rear lights to consist of stop and tail lights in addition to directional signals.
 - U. Equipment: Front bumper, front and rear shock absorbers, jack and lug wrench.
 - V. Keys: Minimum of three (3) ignition/door keys per vehicle.
 - W. Color: Sherwin Williams F8W2030 Frost White Acrylic Enamel, or equal. Front bumper, grill, mirrors and wheels as regularly furnished by manufacturer.
2. Service Body: Standard height service body designed to mount on the Cab & Chassis specified above.
- A. Construction: Electrically welded all steel construction with edges rolled or folded. Body shall have longitudinal members and cross members welded for floor support. Body floor shall be constructed of no less than 12 gauge safety tread plate.
 - B. Dimensions:
 - (1) Body Length: 107" – 110".
 - (2) Body Width: 93" – 96".
 - (3) Body Height: 39.5", minimum.
 - (4) Body Floor To Compartment Top: 24.75" minimum.
 - (5) Compartment Depth: 18", minimum.
 - (6) Floor Width: 50" – 55".
 - C. Compartments: Each side of the body shall have a minimum of one (1) vertical compartment in front of the rear wheels, one (1) horizontal compartment over the rear wheels and a minimum of one (1) vertical compartment behind the rear wheels. Vertical compartments shall be full height and have adjustable shelves. Each horizontal compartment shall have adjustable 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.
 - D. Crane Reinforcement: Right (curbside) rear corner of body shall be reinforced to allow for installation of a corner mounted service crane with a lifting capacity of 3,200 pounds and a mounting base approximately 12" – 16" long x 12" – 16" wide.
 - E. Tailgate: Body shall have a hinged tailgate no less than 9" high that opens to floor level with chain or arm support.
 - F. Bumper: Shall have a rear step plate type bumper with recess and ball hitch plate. Bumper brackets shall mount to truck frame.
 - G. Lights: Combination tail and directional lights and backup lights to meet ICC regulations.
 - H. Color: Service Body shall be painted Sherwin Williams F8W2030 Frost White Acrylic Enamel, or equal to match Cab & Chassis specified above.
3. Crane: Electric powered crane designed for mounting on the service body specified above. Unit shall have a minimum crane rating of 10,000 ft. lbs. and a lifting capacity of no less than 3,200 pounds at 3' from centerline of rotation. Crane provided shall provide power elevation, power extension and power rotation of the boom.
- A. Hoisting Unit: Electric powered reversible winch driven by a 12 volt DC motor rated at no less than 1.8 horsepower. Winch shall be equipped with at least 60' of no less than 7/32" aircraft type steel cable with a minimum breaking strength of 5,600 pounds and be complete with swivel block with hook.
 - B. Boom: Shall be designed from seamless steel tubing and mounted on a pedestal type base. Shall provide a minimum horizontal reach from centerline of rotation of 7', when retracted, to a maximum horizontal reach of no less than 15' when fully extended.
 - (1) Rotation: 360° continuous power rotation.
 - (2) Boom Elevation: Power boom elevation ranging from horizontal to no less than 70° above horizontal.

- (3) Boom Extension: Shall be equipped with hydraulically powered boom extension from 7' minimum to no less than 11'. Boom extension may be manual or hydraulic from 11' minimum to no less than 15'.
- C. Hydraulic System: Shall be a self contained 12 volt DC system powered by the vehicle electrical system.
- D. Mounting: Boom pedestal shall be designed to mount on the reinforced curbside rear corner of service body specified above. Mounting base shall be square or rectangular, approximately 12" - 18" long x 12" - 16" wide.
- E. Lifting Capacity: No less than 3,200 pounds at 3' radius, no less than 900 pounds at 11' radius and no less than 650 pounds at 15' radius.
- F. Detachable Jack Leg: A quick-detachable outrigger jack leg, for stabilizing vehicle when crane is in operation, shall be furnished. Jack leg furnished shall be suitable for installation on a truck which has a height from top of rear bumper to ground of 25". Jack leg shall be designed and recommended for use with electric powered crane provided under this specification.
- G. Boom Support: A boom support shall be furnished with the service crane to hold and retain the boom during transport. Boom support shall be suitable for installation on a standard height service body with 18" - 20" compartment depth.
- H. Additional Equipment: Unit shall be complete with removable remote control unit with no less than 18' of cable.
4. Warranty: Units purchased under this specification shall be warranted against defects in material and workmanship for a minimum period of twelve (12) months (365 days) from date unit is placed in operation by AHTD.
- A. Warranty shall include all parts, labor and transportation costs to the location of equipment.
- 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. It will be the responsibility of the successful bidder to insure that repairs are completed in a timely manner.
- D. If any warranty literature submitted with the bid conflicts with AHTD 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.
- E. 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.
5. Manuals: Successful bidder shall furnish Operator's Manual and Parts Book with each unit delivered. In addition, one (1) copy each of Operator's Manual and Parts Book shall be furnished to Equipment & Procurement Division, P.O. Box 2261, Little Rock, AR 72203 (11302 W. Baseline Road, Little Rock, AR 72209, if shipping UPS, FedEx, etc.).

The successful bidder may provide Parts Manuals on computer media (CD ROM, Floppy Disks, etc.) in lieu of printed manuals.

6. 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. Machines 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. 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 may be required to submit documentation substantiating the aforementioned requirements. A list of user references may also be required.

7. All accessories and parts necessary for efficient 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).
8. Units purchased under this specification shall be assembled, adjusted and made ready for continuous operation at time of delivery.
9. Any unit delivered under this specification is subject to rejection if there is evidence of poor workmanship, by either the vendor or the original manufacturer.
10. Parts Inventory & Service Facilities: The successful bidder shall maintain a representative inventory of replacement parts and service facilities for servicing equipment bid on.
11. Demonstration: The Arkansas State Highway & Transportation Department 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.
12. Any deviations from specifications and requirements herein must be clearly pointed out by bidder. Otherwise it will be considered that equipment offered is in strict compliance with these specifications and requirements, and successful bidder will be held responsible therefor. Deviations must be explained in detail on an attached sheet. However, no implication is made by the Arkansas State Highway and Transportation Department that deviations will be acceptable.
13. 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 Highway Department 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.