



# ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

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## STANDARD BID CONDITIONS

### M-05-160H

1. **ACCEPTANCE AND REJECTION:** The Arkansas State Highway and Transportation Department (AHTD) 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.
2. **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.
3. **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 AHTD or fails to honor their bid. 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). 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.
4. **TAXES:** The AHTD 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 the AHTD as an addition thereto, and should be added to the billing to the AHTD. The AHTD 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 the AHTD.
5. **"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.
6. **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.
7. **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.
8. **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.
9. **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.
10. **SAMPLES, LITERATURE, DEMONSTRATIONS:** Samples and technical literature must be provided free of any charge within 14 days of AHTD request, and free demonstrations within 30 days, unless AHTD 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 AHTD. 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.
11. **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.
12. **BACKORDERS OR DELAY IN DELIVERY:** Backorders or failure to deliver within the time required may constitute default. Vendor must give written notice to the AHTD, as soon as possible, of the reason for any delay and the expected delivery date. The AHTD has the right to extend delivery if reasons appear valid. If reason or delivery date is not acceptable, vendor is in default.
13. **DEFAULT:** All commodities furnished will be subject to inspection and acceptance by AHTD after delivery. Default in promised delivery or failure to meet specifications authorizes the AHTD 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.
14. **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).

**ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT**

**SPECIFICATION 05-64-5112**

**FOR**

**UNDERDECK AIR COMPRESSOR**

**80 CFM**

1. **General:** Successful bidder shall furnish and install PTO driven Underdeck Mounted Air Compressors on two (2) 2005 year model Chevrolet C7C042 trucks owned by AHTD. Each truck has a GVWR of 33,000 pounds and is equipped with a Caterpillar C7 diesel engine rated at 250 gross horsepower and an Allison 3500 RDS automatic transmission with six speed programming. Trucks are equipped with air brakes, air conditioning and power steering. Both trucks are equipped with Sign Storage Bodies (Van type bodies specifically designed for highway sign storage). One truck has a Cab to Axle measurement of 108" and is equipped with a sign body with a nominal length of 13'. The second truck has a Cab to Axle measurement of 120" and is equipped with a sign body with a nominal length of 15'. Air compressors and incidentals shall be completely installed and ready for operation.
  - A. Trucks are to be picked up by successful bidder at AHTD Equipment and Procurement Division, 11302 Baseline Rd., Little Rock, Arkansas. After installation is complete, trucks are to be delivered by successful bidder to AHTD Equipment and Procurement Division, 11302 Baseline Rd., Little Rock, Arkansas.
  - B. If distance from Little Rock, Arkansas to bidder's installation facility exceeds a nominal radius of 225 miles, the vehicles must be transported rather than driven to and from the installation facility. The successful bidder will be responsible for the cost of transporting trucks to bidder's installation facility and back to AHTD Equipment and Procurement Division after installation is complete. Successful Bidder shall furnish proof of insurance that would cover the loss of trucks while in his possession.
  - C. Successful bidder shall be experienced in the installation of air compressors and similar equipment and shall be approved by the manufacturer for installation of the underdeck mounted air compressor and incidentals furnished.
2. **Compressor:** Positive displacement, single stage, oil flooded rotary screw type with a minimum rated capacity of 80 cubic feet of free air per minute at no less than 100 psi. The air compressor furnished shall produce a minimum of 80 cfm at an input speed from the PTO of no more than 1,500 RPM.
3. **Air Intake Filters:** Separate two-stage, heavy duty, dry type air filters shall be provided for the air compressor.
4. **Air Receiver:** Shall be ASME approved for no less than 200 psi working pressure and be of adequate capacity for use with 80 cfm minimum air compressor. Receiver shall have an ASME approved pressure relief valve and be equipped with a fill cap, oil level sight gauge, 3/4" minimum service valve, 25 micron minimum spin-on air compressor oil filter with safety by-pass feature and an air/oil separator. Air receiver shall be designed for under deck remote mounting and be mounted in a location which will allow the oil level sight gauge to be inspected without crawling beneath the truck.
5. **Heat Exchanger:** Compressor cooling system shall allow rated air delivery and pressure operation continuously in ambient temperatures up to no less than 125° F. Cooler shall be mounted in a sheet metal enclosure with a suction type fan assembly. A fan temperature switch shall be provided to regulate compressor cooling.
6. **Protective Circuit:** Compressor shall automatically shut down in case of high compressor temperature or over pressurization. An automatic blow down valve and minimum pressure orifice shall also be provided.
7. **Control Panel:** Shall be mounted in an accessible location and be equipped with a compressor hour meter, air pressure gauge, compressor oil temperature gauge and over-temperature/over-pressure reset switch.
8. **Inlet Control Valve:** Shall automatically modulate output from 0 to 100% in response to air demand.
9. **Speed Control:** Shall be designed to suit engine make/type/model and fuel delivery system. Speed control for electronically controlled engines shall emulate chassis manufacturer foot throttle position and allow modulation of engine speed to match air demand. Unit shall be installed so that emergency brake must be applied to activate air compressor and shall include an interlock to prevent compressor from operating when transmission is in gear.
10. **Power Take-Off:** Shall be "hot shift", multi-gear type equipped with high grade needle or roller bearings. Power take-off provided shall be for mounting on an Allison 3500 RDS automatic transmission with six speed programming. Shall have a pilot light to indicate when PTO is engaged.
11. **Drive Line:** Minimum 2-1/2" Dana 1310 series, or equal, driveline with universal joint, yoke and companion flange.

12. **Air Lines:** Air discharge lines shall be furnished and installed to provide outlets at the upper and lower curb side rear edges of the body. These outlets shall be equipped with 1" Foster quick disconnects. An additional 1/2" female quick disconnect shall be provided at the lower curb side rear for use of an air drill or impact wrench.
13. **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. 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.
14. **Manuals:** Successful bidder shall furnish one (1) copy of Parts Book and Service Manual with each unit delivered. In addition, one (1) copy of Parts Book and Service Manual shall be furnished to Equipment and Procurement Division, P.O. Box 2261, Little Rock, AR 72203 (11302 W. Baseline Road, Little Rock, AR 72209 if shipping UPS or FedEx).

The successful bidder may provide Parts Manuals on computer media (CD ROM, Floppy Disks, etc.) in lieu of printed manuals.
15. The air compressor and all necessary incidentals shall be completely installed and made ready for continuous operation at time of delivery.

All parts, accessories and tools necessary for efficient operation 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).
16. **Parts Inventory & Service Facilities:** The successful bidder shall maintain a representative inventory of replacement parts and service facilities for servicing equipment bid on.
17. **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.
18. **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.