

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

December 10, 2013

NOTICE TO BIDDERS  
ADDENDUM

Contract No. H-14-278R

**Hydraulic Driven Chemical & Material Spreaders**

OPENING DATE: December 17, 2013

The attached page 2 of specification 14-130-204 was not included in the original bid package and should be attached to and made a part of the bid.

ALL OTHER SPECIFICATIONS SHALL REMAIN THE SAME.

  
for Danny Keene  
Division Head  
Equipment and Procurement

13. Liquid Calcium Chloride Spray System: Shall be designed to use in conjunction with chemical and material spreader specified above. The system shall spray a liquid de-icing solution directly onto the material as it leaves the conveyor and before it reaches the spinner.

The spray system provided shall be electric operated, designed to spray a constant de-icing solution on material being spread. The system shall be complete with a liquid spray pump, in-cab controls, hose kit with a minimum of two (2) spray nozzles, spray tanks and all necessary hoses and fittings to make the system complete. Spray system shall be capable of spraying calcium and magnesium chloride, glycol, liquid urea, or other liquid de-icing solutions. All parts that come in contact with liquid being sprayed shall be corrosion resistant. All components shall be rated at no less than 150 psi working pressure.

- A. Drive System: Shall be a 12 volt DC electric motor/pump combination with an internal circuit breaker. The pump shall be a diaphragm type resistant to the effects of the de-icing solutions specified above and have a minimum output rating of 2.8 gpm. Output shall remain constant regardless of conveyor/spinner speed.
- B. Controls: Shall have an in-cab mounted switch to provide immediate on/off capability. An indicator light (green) shall be provided to show when power is on. An additional indicator light (red) shall be provided to warn of low system pressure or low solution level in the reservoirs. A variable speed control shall be furnished for increasing or decreasing saturation of the material to be spread.
- C. Sprayer Reservoirs: A minimum of two (2) reservoirs with a capacity of no less than 150 gallons each shall be provided. Reservoirs shall be molded polyethylene construction and be complete with replaceable screen line strainer, shut-off valves and mounting hardware. The reservoirs shall be angle formed to allow for mounting to the sides of the chemical and material spreader specified above. (Sides of spreader are to have an approximate 45° slope). The reservoirs shall be designed so that one (1) reservoir is mounted on each side of the spreader with all fill openings, shut-off valves, etc. readily accessible.
- D. Nozzles: There shall be a minimum of two (2) spray nozzles equipped with necessary cores, discs and mounting hardware.
14. Color: Manufacturer's standard color is acceptable.
15. 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.