

SPECIFICATIONS  
N-72-IR-Z-ZZ

WINTER CONTROL EQUIPMENT

**096600** MANUAL SALT BRINE PRODUCTION SYSTEM  
**096100** AUTOMATIC SALT BRINE PRODUCTION SYSTEM

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October 30, 2017 GAW

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I. GENERAL UNIT SPECIFICATIONS:

A. INTENT STATEMENT:

NOTE: All units must be delivered within **90** days after receipt of the purchase order by the successful bidder. The minimum order qualifying for F.O.B. Destination delivered prices shall be one (1) unit. All prices bid & awarded are at FOB Destination delivered pricing that includes all delivery, and shipping & handling charges to the Commonwealth's ordering entity's location, as stated in the Purchase Order. After receipt of the purchase order and prior to shipping, the successful bidder shall perform a sight visit to the FOB location to verify proper pre-installation procedures.

The unit shall meet this specification, be a current production model, new and complete. This unit shall cover the requirements for an automatic/manual salt brine production systems intended for use as a generator of quality salt brine that is used as a pre-wetting, anti-icing, and/or a de-icing agent on pavement or roadways. The unit shall be complete with all equipment required for immediate operation to function as listed below and the unit must meet all applicable codes and standards.

B. SPECIFICATIONS:

Manufacturer's standard salt brine production unit as per bid invitation.

096600 - Manual salt brine production unit.

096100 - Automatic salt brine production unit.

C. IDENTIFICATION:

Each unit shall bear the manufacturer's model number and shall incorporate a non-rusting metal individual serial number properly affixed.

D. INSTALLATION:

For the purposes of this contract, installation is limited to connecting the 2 inch PVC threaded male end of the water "in" feed piping that is built into the unit to customer supplied water service. Electrical connection is made by plugging in the power service cord equipped on the SBPS to the customer supplied, electrically adequate power supply. The supplier is not permitted to install any additional piping from the customer's water service or any electrical wiring. Work is limited to inserting the plug into a pre-existing electrical outlet.

Instruction manual for detailed start-up, operational and maintenance information shall be supplied. Installation components shall include all hoses, fittings, couplers, adaptors, electrical connectors and all miscellaneous components to make the unit complete and operational.

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II. DRAWINGS:

N/A

III. MANUALS:

The successful vendor shall furnish all applicable manuals per unit:

- 1 Operator's
- 1 Parts
- 1 Service
- 1 Wiring/Schematics
- Transmission (Automatic or Manual)
- Body and Sub-frame (Parts and Service)
- 1 Complete set of manuals for any additional items/equipment added to a piece of equipment.

The manuals listed shall be official O.E.M. publications supplemented with technical manuals for all components as published by sub-vendors/manufacturers.

Parts Manual presented must be a relative to "all" items utilized to build these units, with appropriate part numbers.

Delivery of these manuals shall be completed with the delivery of each unit.

Manuals may be supplied on CD Disc in lieu of paper manuals.

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IV. TRAINING:

The successful vendor shall provide services of qualified factory trained technicians for not more than 1 training sessions of not more than 7.5 hours at 1 PENNDOT locations to train personnel in the proper operation, safety, servicing of the equipment as well as component/system adjustments that need to be monitored at specified service intervals.

The successful vendor shall submit a training plan to the Equipment Division for approval within 45 days after receipt of the Purchase Order. The training plan shall consist of course outline and class schedule.

All training must be completed within 60 days after the dates established in the approved training plan unless an extension is mutually agreed to in writing by the Chief of the Equipment Division.

All training shall be coordinated with the District Equipment Managers, with the exception of Asphalt related training, which must be coordinated with the Statewide Training Coordinator (717) 787-4836, Fax (717) 783-4438.

V. WARRANTY:

Warranty on all parts will be for a minimum two (2) calendar years or manufacturer's standard commercial term (whichever is greater), the vendor will replace, free of charge within two (2) years from date of acceptance. If the manufacturer neglects or fails to correct defect(s) during the warranty period, their responsibility shall continue until such time as it takes to correct the defect(s). The manufacturer is expected to respond to warranty problems and administrate effective solutions in the best interest of the Commonwealth.