



STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
TECHNICAL SPECIFICATIONS FOR

SPREADER, AGGREGATE & SALT, HOPPER TYPE, 1.0 CY

SERIES NO. 224-000
EQUIPMENT SPECIFICATION 224-000R

REV. 12/26/2024

GENERAL

This specification sets forth the minimum requirements for a 1.0 cu. yd. hopper-type aggregate & salt spreader.

Equipment shall be new, a production model of current manufacture, and must meet all state and Federal safety and emission standards in effect at time of order.

REPRESENTATIVE SPECIFICATIONS

A Buyer's SaltDogg Model SHPE1000 with appropriate options and standard features, was used to develop these specifications and establish equivalency evaluation criteria.

Equipment of similar style, type, character, quality, features, and purpose conforming to the following detailed requirements/specifications will be considered. For evaluation purposes, bidders proposing an exception/equivalent option/feature to those specified herein, may be required to provide manufacturer/product information (catalogue sheets, detailed specifications, pictures, etc.). This information will be evaluated against the minimum requirements of this specification. Proposed submittals that are determined not to be equivalent to the established criteria will be rejected.

DELIVERY & ACCEPTANCE

Vendor shall perform a test run of each unit to verify that all features and capabilities are operating properly at time of delivery. Documentation of testing may be required prior to acceptance by the Department.

Unit(s) must be delivered completely assembled (including all components, accessories, etc.) and ready for operation without any additional preparation including, but not limited to, ensuring all fluid levels are at their full mark, fuel tank(s) is full, all necessary lubrication has been performed, etc.

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. Noted defects and/or nonconformance findings may be corrected by the vendor. Corrections must be completed and approved by the Equipment Engineer or his representative prior to final acceptance.

NOTE: The Department will have space available for equipment to be unloaded.

EACH UNIT MUST BE SUPPLIED WITH THE FOLLOWING DOCUMENTATION AT TIME OF DELIVERY:

1. Dealer's Service Policy
2. Owner's/Operator's Manual(s)
 - a. One (1) Hardcopy
 - b. One (1) Digital Copy
 - i. Acceptable Formats: PDF delivered via USB "Flash Drive", or E-mail

3. Service Manual(s)
 - a. One (1) Hardcopy
 - b. One (1) Digital Copy
 - i. Acceptable Formats: PDF delivered via USB "Flash Drive", or E-mail
4. Build Sheet(s) – as applicable
 - a. One (1) Hardcopy
 - b. Build sheets should be written in plain language (not company specific codes) and include, at a minimum, all standard & optional features of the delivered unit.

NOTE: Invoices will not be processed for payment until the unit(s) have been inspected by the Equipment Engineer or their representative and deemed in compliance with the specifications.

BID SUBMITTALS

Any additions, deletions, or variations from the specifications should be noted in the "Bidder's Exceptions" page of this specification. Exceptions that are noted to be less than a minimum requirement will not be accepted.

Any additions, deletions or variations from the manufacturer's standard published specifications should be noted on the "Bidder's Exceptions" page of this specification. Unless otherwise noted, any items appearing in the manufacturer's standard published specifications furnished by the Bidder are assumed to be included in the Bidder's submittal.

Bidder should note on their submittal any installation(s) to the equipment that will be performed by the vendor instead of the manufacturer.

Failure to note any specification exceptions, manufacturer specification alterations, and/or vendor installations prior to award may result in rejection of the equipment at the time of delivery.

THE NUMBER OF DELIVERY DAYS AFTER RECEIPT OF ORDER (ARO) MAY BE USED AS A FACTOR IN THE AWARD.

EQUIPMENT SPECIFICATIONS

NOTICE TO BIDDERS

Bidder should review the detailed "Equipment Specification" completely and respond to the compliance question at the end of each section by marking "X", in the space provided, for "Yes" or "No". Mark "Yes" to indicate that the equipment bid meets the section exactly as specified. Mark "No" if there are exceptions to any part of that section. Exceptions/deviations to any part of the specification are to be detailed on the "Bidder's Exceptions" page of this specification.

IN ORDER TO BE CONSIDERED FOR AWARD, BIDDER SHOULD RETURN THIS SPECIFICATION, COMPLETED IN FULL, WITH THEIR BID SUBMITTAL.

Note: All values listed below are minimums unless noted otherwise.

1. General Specifications

- 1.1. Capacity – 1.0 cubic yard
- 1.2. Chute Primary Material – Polyethylene
- 1.3. Double-walled construction hopper
- 1.4. Fits 1/2 ton truck or larger
- 1.5. Minimum truck bed length – 55 in.
- 1.6. Overall length – 82 in.
- 1.7. Overall width – 48 in. (at top)
- 1.8. Overall Height – 34 in.
- 1.9. Hopper length – 68 in.
- 1.10. Full length stainless steel auger
 - 1.10.1. 2 ½ in. diameter
 - 1.10.2. 304 Stainless steel trough
- 1.11. Works with salt or salt/sand mixture

Comply: ___ Yes ___ No

2. Drive System

- 2.1. 12V DC-powered electric drive
- 2.2. Independent auger and spinner motors
 - 2.2.1. 0.50 HP drive motor
 - 2.2.2. 0.25 HP spinner motor
- 2.3. Variable output for broadcast settings (5 ft. to 30 ft.)
- 2.4. 200 lb. force vibratory system

Comply: ___ Yes ___ No

EQUIPMENT SPECIFICATIONS

3. Spinner/Broadcaster

- 3.1. Spinner Diameter – 14 in.
- 3.2. Spinner Material – Polyurethane
- 3.3. 12 inch chute extension

Comply: ___ Yes ___ No

4. Controller

- 4.1. In cab controller
- 4.2. Independent auger speed control
- 4.3. Independent spinner speed control
- 4.4. Single vibrator on/off switch
- 4.5. All required wiring harnesses for operation with in cab control

Comply: ___ Yes ___ No

5. Accessories

- 5.1. Top screen
- 5.2. Tie downs
- 5.3. Remote auger bearing grease kit
- 5.4. Two-year (2) minimum manufacturer's warranty
- 5.5. Lid, matching in material and dimensions

Comply: ___ Yes ___ No

