

Town of Summerville

Snow Plow and Sprayer Equipment

ITB



Town of Summerville
Final Bid Copy

Prepared by Daniel S. Corbin

CALL FOR BID

Sealed bids will be received by the Town of Summerville office of the Purchasing Agent until 10:00am on March 23, 2018. Opening will be held in the training room located at Summerville Town Hall, 200 S. Main St. Summerville, SC 29483

Bids will be for the purpose of furnishing the Town of Summerville with five (5) Snow Plows and five (5) Anti-Ice Sprayers with related equipment. A copy of the instructions to bidders and specifications are included in this package.

The Town of Summerville reserves the right to reject any and all bids, to waive all formalities and to award the contract, as it appears to be in the best interest of the Town of Summerville. The right is also reserved to hold any and all bids for a period not exceeding sixty days (60) days from the opening thereof.

Questions concerning the equipment specifications may be directed to:

*Russ Cornette, Public Works Director, Town of Summerville
(843) 871-6000

All bids must seal and summated to:

Michelle Beltz, Purchasing Agent
The Town of Summerville
200 S. Main Street
Summerville, SC 29483

With the package marked as "Snow Plow / Anti-Ice Sprayer"

Intent

The intent of this specification is to establish the minimum standards of quality and performance for (5) Snow Plows and five (5) Anti-Ice Sprayers with related equipment. The design of the unit shall incorporate the latest available technology and engineering capacities. The unit shall be new of current manufacturer. No prototype, demo, used or mechanical type Plows or Sprayers will be accepted.

All parts/equipment not specifically mentioned which are necessary to provide a complete Snow Plow or Sprayer and related equipment shall be included in the bid and shall conform in strength, quality of materials, and workmanship to what is normally provided to the trade in general.

The proposed unit bid must be a regularly manufactured unit with at least five (5) references available (please provide references with bid).

The Snow Plows/Sprayers and related equipment shall meet or exceed all OSHA, federal, and state regulations and requirements.

The design will NOT be a custom built unit but built by a Plow/Sprayer manufacturer.

General:

State if the Plow/Sprayer is manufactured in the United States. _____

State if repair parts are manufactured in the United States. _____

State origin of Plow/Sprayer manufacturer. _____

State location of manufacturer's authorized service center.

City: _____

State: _____

State present location of Onsite Company servicing equipment.

Company: _____

Address: _____

Phone: _____

DESCRIPTION:

Snow Plow and Anti-Ice Sprayer Equipment Parts and Accessories:

It is the intent of this bid specification to establish the terms and conditions to provide the Town of Summerville, a contract for furnishing and delivering five (5) Snow Plows and five (5) 500+ gallon Anti-Ice Sprayers, Equipment, Parts and Accessories.

All snow plows and sprayers, parts and accessories offered and delivered under the contract must be new and equal in every respect to the parts originally. Any item considered to be a normal replacement shall be covered under this contract. All blades and edges are to be standard Road/Highway punch.

It has been determined that in the best interest of the Town of Summerville that only original Equipment manufacturer's parts shall suffice. No after-market parts shall be accepted.

BRAND NAMES:

Brand names have been eliminated from this specification wherever possible, but if a brand name is given, the term "or **Equivalent**" is considered to follow the name. Wherever a Brand name is used, it is meant to denote the minimum level of quality and performance. Any item supplied as an "**Equivalent**" must be approved by the Town.

It should be understood that specifying a brand name, components and/or equipment in this Specification shall not relieve the contractor from his responsibility to produce the product in Accordance with the performance warranty and contractual requirements.

HARDWARE:

All bolts shall be minimum grade 5 corrosion resistant, heat treated medium carbon steel. All nuts shall be minimum grade 5 corrosion resistant, heat-treated, medium carbon steel. All lock washers shall be corrosion resistant. All bolt, nut and washer combinations are to have a minimum of 2 to 3 bolt threads showing after it has passed through the nut.

TECHNICAL PROVISIONS:

These specification describe a power reversible safety trip snowplow with power hydraulic control. This equipment shall be ruggedly built from new materials and definitely suited for Continuous work under difficult conditions of snow removal. Plow shall be designed to Reverse under snow load while truck is plowing. (Hydraulic cylinder reverse mechanisms are not acceptable). The snowplow assembly shall include the moldboard, moldboard blade, truss frame with worm gear plates, "a" frame with drive motor and gear, caster assemblies, trip spring assembly, lift chain, shoes and bumpers, and hydraulic lines.

The weight of the plow assembly is not to exceed 2250 lbs.

SPECIFICATIONS

Plows:

The sizes and types of snow plows required by the Town of Summerville, are as follows:

SECTION I – (5ea.) Truck Mount

(5ea.) Universal/Specific Heavy-Duty Truck Mount, Self-Contained 12volt Electric Lift System w/Controller. (see Plow Specs below)

SECTION II - SNOW PLOW

(4) Meyer Road Pro 36 Series for cab chassis with a GVRW of over 33,000lbs., or **Equivalent**, including: (36" Moldboard Height)

(1) Meyer Road Pro Snow Plow Model RP10-32 SOS for full ton pickups and cab chassis with a GVRW of up to 33,000lbs., or **Equivalent**, including: (33" Moldboard Height)

10 feet, approx. 33"-36" high power coated 10 gauge minimum steel Moldboard, flared at each end.

Plow shall have eight (8) or more Vertical Ribs.

Plow shall have a ½" x 6" Cutting Edge minimum.

Plow shall have a minimum 103" plowing width at full angle.

Plow shall have a minimum of six (6) Trip Springs.

Plow deflector shall be rubber stabilized snow flap and have corner guide flags.

Plow shall have two (2) adjustable heavy-duty skid shoes

Plow shall have low profile plow lights with dual beams.

Plow hookup shall have lights attached to frame and total unit can be disconnected from truck frame.

The unit(s) is to be delivered to the Town of Summerville as specified in the Bid proposal,

Vehicles for Installation: (Snow Plows / Sprayers)

1) Year: 2016 (Series 32 Plow)
Make: Dodge 4x4 (Flatbed Dump)
Model: Ram 5500
Vin.# 3C7WRNFL4GG342865
Veh.# S109

2) Year: 2017 (Series 36 Plow)
Make: Freightliner (Single Axle Short Dump Truck)
Model: M2-106
Vin.# 1FVACYFE1JHJP5670
Veh.# S114

3) Year: 2003 (Series 36 Plow)
Make: Freightliner (Single Axle Body Dump)
Model: FL60
Vin.# 1FVABPBV73HK69915
Veh.# S93

Optional: S73 – 2002 4700 Int'l Tymco Sweeper
1HTSCABN62H518653

4) Year: 2009 (Series 36 Plow)
Make: Mack (Tandem Dump Truck)
Model: GU813
Vin.# 1M2AX13C99M005288
Veh.# W130

Optional: W128 – 2005 Sterling Acterra-(Short Single Axle Dump)
2FZACFBS25AN91198

5) Year: 2014 (Series 36 Plow)
Make: Mack (Single Axle Short Dump Truck)
Model: CXU612
Vin.# 1M2AW01C1EM006543
Veh.# W131

Anti-Ice Sprayers:

The sizes and types of Anti-Ice Spreaders required by the Town of Summerville, are as follows:

SECTION I - (5ea.) Swenson MDV Anti-Ice Spreaders or **Equivalent, (Calcium Chloride)**

To be used in class 5 – 8 GVW trucks, including:

- Tank shall be 500 gallon minimum capacity, UV protected thermos plastic tank.
- Tank shall be equipped with baffles.
- Sprayer shall be powered by a Honda Engine or **Equivalent**.
- Sprayer system shall have “In-Cab” Control System that provides engine start/stop and Spray control start/stop.
- Sprayer shall have mounted on self-storing leg stand.
- 6’ wide spray bar that has universal / receiver hitch mount.
- Sprayer shall have a uniform 10’ spray pattern.
- Sprayer shall have single lane coverage.
- Sprayer Tank shall have a rapid discharge port that allows quick emptying of tank.
- All frame components/parts shall be powder coated to resist corrosion.
- Unit shall have a 50’ minimum hose reel for treating sidewalks

Delivery:

Vendor to state date of delivery. _____

Vendor to deliver Plows / Sprayers to Town of Summerville, Public Works Compound,
1105 Yancy Road, Summerville, SC 29483

Paperback Manuals

Two (2) copies of Operator’s Manual, Complete Service Manual / Parts Manual shall be supplied at the time of delivery in paper format (BOOKS). The manuals shall include the following information:

- Operating Instructions, descriptions, specifications, and ratings of installed components, and auxiliary systems.
- Warnings and cautions pertaining to the operation and maintenance of the equipment.
- Charts, tables, checklists, and illustrations relating to lubrication, cleaning, troubleshooting, diagnostics, and inspections.
- Instructions regarding the frequency and procedure for recommended maintenance.
- Maintenance instructions for the repair and replacement of installed components.
- Parts listing with descriptions and illustrations for identification.
- Warranty descriptions and coverage.

The manuals shall include a table of contents to the specified documents or illustrations.

Training:

Complete instructions on the operation and maintenance of each unit and a demonstration on the operation of the unit shall be given by the dealer at no additional cost to the Town of Summerville.

This demonstration will be a formal training session, to be conducted within three (3) weeks of delivery of the first unit, at the convenience of the Town. The training session to be Conducted at the location of delivery or at a field location.

After Sales Service & Support:

Manufacturer, or an authorized representative of the Manufacturer, shall have a parts Distribution and repair service to supply after sales support.

During the warranty period (standard or extended) the vendor shall perform all repairs in a timely matter (response time to be 48 hours or less), all repair parts for warranty shall be provided with in the 72 hour time frame.

Town of Summerville reserves the right to reject any bid submitted, at the sole option of Town of Summerville, that the vendor may not be able to meet the service requirements of the bid.

Vendor to provide the contact person and address for parts and service.

Dealer will state how long he has been in business in local area.

Dealer must fill in all areas, date, sign and return this RFP (Request for Proposal) back to the Town of Summerville.

Bid Evaluation:

Bids will be evaluated using the following criteria:

- Cost of bid.
- Compliance with our specifications.
- Delivery Date.
- Operation and maintenance cost of equipment.
- Life cycle cost of equal equipment.
- Performance of equipment in actual operating conditions.
- Availability of parts and service.
- Prior experience with vendor and his product.

Information:

Any questions concerning the above specifications contact:
Russ Cornette, Public Works Director, Town of Summerville
Phone 843-871-6000
E-mail: rcornette@summervillesc.gov

Dealer: _____

Salesman: _____

Date: _____