

The Town of Franklin will receive sealed proposals for the following:

DIESEL POWERED HEAVY DUTY REGENERATIVE AIR STREET SWEEPER (1)

Proposals will be received at the Town of Franklin, Town Hall, 95 East Main Street, Franklin, NC until **9:00AM on Monday, February 1st, 2021**. If proposals are mailed via the U. S. Postal Service regular mail, they must be addressed to the Town of Franklin, P. O. Box 1479, Franklin, NC 28744. This mail is picked up by the Town. However, Drop-Off, Express Mail One Day Service, Federal Express, United Parcel Service (UPS), etc. must be delivered / sent to the Town of Franklin Town Hall, 95 East Main Street, Franklin, NC 28744. Fax or emailed bids will not be accepted. It shall be the bidders' responsibility to determine their method of transmittal such that their bids will arrive in the Town's office prior to the scheduled bid opening. The Town cannot waive or excuse late receipt of a proposal which is delayed and late for any reason. Late submissions will not be accepted and will remain unopened. Any proposal received after the proposal opening date and time will be immediately disqualified in accordance with applicable law and administrative rules and regulations applicable to the Town. Changes to the Request for Proposal may be posted at any time to our website www.franklinnc.com under the Town Government Public Notices tab. It is the Vendors responsibility to check the website. Any addendum issued must be signed and submitted with your RFP.

All proposals **must** be enclosed in a sealed envelope. The outside of the envelope must include the name and address of the proposer and clearly marked as follows:

ATTN: Nathanael Moore, Public Works Director

RFP: Diesel Powered Heavy Duty Regenerative Air Street Sweeper (1)

Bid Opening Date: 2/1/2021

The Town of Franklin reserves the right to reject any and/or all proposals.

TOWN OF FRANKLIN
STREETS DEPARTMENT
PROCUREMENT SPECIFICATIONS
Diesel Powered Heavy Duty Street Sweeper

Units: One (1)

1.0 PURPOSE

These specifications describe a Diesel Powered Heavy Duty Street Sweeper (hereinafter referred to as "unit") to be purchased by the Town OF Franklin (hereafter referred to as "Town"); define the provisions to be contained in proposals for the sale of said unit to the Town; establish an enforceable schedule for delivery; and establish criteria for gauging the compliance of the bidder to these specifications.

2.0 BIDDING PROCEDURES

- 2.1** The current purchasing procedures and any new procedures or requirements that are promulgated after the request for bids are issued and which are established by addendum to the requests for bids regarding bidding as established by the Town shall apply.
- 2.2** Bidders shall return an original set of these specifications along with three (3) copies with all information provided, as requested herein.
- 2.3** Bidders must indicate "comply" or "non-comply" for each specification described in Sections 5.0 and 6.0. The unit must meet the specifications fully in order to be marked "comply". All non-comply answers are to be fully explained on a separate sheet to be attached to the bidder's proposal.
- 2.4** FAILURE TO PROVIDE THE INFORMATION REQUESTED IN SECTION 2.3 MAY BE CAUSE TO REJECT THE BID.
- 2.5** It may be determined by the Town that non-compliance with a unit specification not marked MANDATORY does, or does not, reduce the quality and performance of the affected unit below an acceptable level or that it may or may not represent a best value purchase because of such non-compliance

2.6 Bidders are to submit additional manufacturer's literature and information pertinent to their proposal as may be available

2.7 Bidders may submit more than one proposal if different unit models are to be offered

3.0 CONDITION OF UNITS UPON DELIVERY

3.1 The unit shall arrive at the prescribed delivery point having been completely pre-serviced with oil, lubricants, coolant, and tire pressure; with all equipment completely assembled, installed and operating as designed; and all required adjustments and corrections made to make the unit immediately ready for its designed and continuous operation. All prescribed precautions pertaining to first operations and break-in of the unit shall be posted conspicuously on the unit for ready observance by the operator.

3.2 Upon delivery, the Town will perform a complete inspection of the unit to assure that it meets the Town's specifications or accepted alternatives. Final processing for payment may not be initiated until the unit is certified to meet specifications and the operator's, service, shop, maintenance, and parts manuals and the Certificate of Origin or Title are received.

4.0 AWARD CRITERIA

4.1 It is the Town's intent to open this procurement to a wide audience of bidders. The specifications outlined herein are general in nature describing a unit that the Town feels best meets its needs. However, the Town will consider any reasonable alternates to the specifications if the bidder can demonstrate that the proposed alternate is comparable in performance, quality and functionality

4.2 The Town realizes that certain models can have features beneficial to the Town even though such features may not be specifically described in the technical specifications, Section 6.0. The vendor is to submit available literature and supporting documentation describing the unit in as much detail as possible. If the vendor wishes to point out certain beneficial features of his proposed unit, it may do so in a separate document included in its bid submittal package. In evaluating the bids, the Town may consider any special or unique features not included in the technical specifications. The Town will award the bid to the vendor that provides the best overall value to the Town whether or not the vendor has the lowest bid.

4.3 The Town reserves the right to reject any or all proposals or to waive any nonconsequential irregularities or informalities in proposals received. The Town reserves the right to accept the proposal that will, in the Town's judgment, best serve the interest of the Town regardless of whether such proposal is the lowest cost submitted.

5.0 GENERAL SPECIFICATIONS

5.1 The bidder shall identify the unit by manufacturer, model, series and year of manufacture, so as to enable identification by the Town in the manufacturer's sales literature on the proposed unit. The bidder shall submit complete descriptive literature showing that the proposed unit is the manufacturer's most current model, including latest engineering improvements, which have been, or shall imminently be, regularly advertised and sold on the open market. The description of the unit shall also be sufficient to assure the Town that specifications will be met without improvising, modifying, or augmenting a basically standard unit beyond those variations contained in the manufacturer's regularly advertised specifications.

5.2 DELIVERY POINT AND DELIVERY SCHEDULE

Delivery point of completely assembled unit will be to the Town of Franklin Public Works office, 299 Sierra Drive, Franklin, NC 28734 within one hundred and twenty (120) calendar days after the date of the purchase agreement, by the successful bidder. Marking "comply" with this specification indicates that the bidder **WILL** deliver the unit within one hundred and twenty (120) days. If the unit is not delivered within one hundred and twenty (120) days, or alternate days proposed, the Town has the right to: (1) cancel the award and negotiate with the second highest ranked bidder; or (2) assess a liquidated damages penalty against any successful bidder that fails to deliver the unit within the specified time period of \$25.00 per day for each day beyond the specified deadline for delivery. Any delays occasioned by forces outside the control of bidder will be taken into consideration by the Town when assessing any penalty.

5.3 OPERATING AND SERVICE MANUALS AND PARTS LISTS

One (1) operator manual and USB shall be included with the unit upon delivery. In addition, there shall be a total of one (1) service, shop, or maintenance manual or USB, and one (1) parts manual or USB included with the total delivery.

6.0 SPECIFICATIONS

- 6.1 The vendor certifies that the proposed regenerative air street sweeper unit is offered commercially as a standard package on the market.
- 6.2 The vendor shall provide a unit for demonstration to the Town that is a “like” model.
- 6.3 The sweeper unit shall be a diesel powered, water cooled, charge air cooled, turbocharged electronic Final Tier 4 emissions industrial engine.
- 6.4 The sweeper unit’s diesel engine shall be minimum 275 cubic inch, Minimum 99 HP.
- 6.5 Engine ECU shall be programmed to provide automatic engine monitoring and shutdown when engine problems are detected such as high coolant temperature, low coolant levels, or low oil pressure.
- 6.6 All engine controls shall be located inside the cab.
- 6.7 Hopper size to be approximately 8 cubic yard volumetric measurement with an operating load capacity of not less than 6 cubic yards.
- 6.8 Hopper to be stainless steel construction for strength and corrosion resistance with remote drop-down screens.
- 6.9 Hopper will be equipped with a dump assist shaker.
- 6.10 Hydraulic cylinder movement shall be controlled with the use of electric toggle switch located on the side of the hopper so discharging can be viewed during dumping.
- 6.11 In addition to standard dump switch mounted on side of sweeper a dump switch shall be mounted inside the cab on the sweeper control panel.
- 6.12 An auxiliary electric over hydraulic system used to dump the hopper shall be supplied.
- 6.13 High volume nozzle hopper deluge cleanout system shall be attached to a fire hydrant for flushing hopper interior with quick disconnect fittings on nozzle and filler hose.
- 6.14 Amber beacon lights, SAE Class 1, shall be mounted on rear of hopper roof. Heavy-duty protective limb guards shall be supplied for beacon lights.
- 6.15 Unit to have a lighted LED arrow stick Whelan TAC85LH or equal minimum 44” long and will be mounted on rear of hopper. Controls shall be inside the cab mounted near the sweeper controls.
- 6.16 Heavy duty, wear resistant, high strength turbine type open face blower shall be provided to efficiently create sweeper air pressure and suction.
- 6.17 Blower shall be computer balanced.
- 6.18 An LED floodlight shall be supplied for both left and right of pick-up head for added visibility during night sweeping. They will be controlled from inside the cab.
- 6.19 Dual gutter brooms shall be wire filled vertical digger type for removing debris from gutter area.
- 6.20 Gutter broom down pressure shall be adjustable.
- 6.21 Each gutter broom shall have adjustment for bristle contact pattern and wear compensation.
- 6.22 Each gutter broom shall have lateral flexibility to swing rearward when encountering the impact of an immovable object thus avoiding damage to the broom assembly.
- 6.23 Each gutter broom shall be controlled from inside the cab by a single electric toggle switch.
- 6.24 Each gutter broom shall have the ability to operate without being extended.

- 6.25** In-cab gutter broom rotation variable speed controls shall be supplied.
- 6.26** A LED floodlight shall be supplied for both left and right gutter brooms.
- 6.27** Unit shall have capability of operating both gutter brooms simultaneously.
- 6.28** Water tank(s) shall have 600-gallon minimum capacity, constructed of recyclable polyethylene for strength and puncture resistance.
- 6.29** Tank(s) shall be 100% rustproof.
- 6.30** Water tank must have baffles built-in for vehicle safety or be multiple tank design for same effect.
- 6.31** A sight level gauge shall be supplied for water tank(s).
- 6.32** All operating controls for sweeper shall be mounted inside truck cab and readily accessible to operator in either right or left driving positions.
- 6.33** All main electrical systems. i.e. ignition, lights, hydraulic and water shall be separately fused to isolate electrical problems to fused area to simplify and speed service.
- 6.34** Cab and chassis shall be commercially manufactured and fully equipped for highway operation, and totally compatible in size, weight capacity, and function for use with the sweeper unit proposed.
- 6.35** Chassis shall be a conventional design w/Tilt Hood, Model Year "2020" or newer. The Vendor that is awarded this bid shall discuss what truck manufacturer is available for this application and the Parkways will decide which chassis to be best value.
- 6.36** Dual operator controlled integral power steering with cruise control and tilt shall be supplied.
- 6.37** Brake system shall be air brakes (Air over hydraulic not acceptable).
- 6.38** Cab shall have factory installed air conditioner. After market air conditioners are unacceptable.
- 6.39** Total chassis coverage is 24 months/unlimited mileage.
- 6.40** Engine (Diesel) coverage is 24 months/unlimited mileage.
- 6.41** Allison Transmission coverage is 36 months/unlimited mileage.
- 6.42** Cab corrosion coverage is 60 months/unlimited mileage.
- 6.43** Chassis Warranty is 100% parts and labor unless otherwise noted as provided by chassis manufacturer.
- 6.44** Training to be offered by manufacturer with a list of time and dates
- 6.45** Bidder shall provide an operator/safety/maintenance procedures for the unit at time of delivery.
- 6.46** Camera system for pickup head and backup camera.
- 6.47** 12" fender mounted parabolic mirrors.