



# **PUBLIC WORKS COMMITTEE MEETING**

**November 05, 2024 at 6:00 PM**

*Town Office Conference Room*

## **AGENDA**

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**CALL TO ORDER**

**PUBLIC COMMENT**

**AGENDA ADOPTION**

**REVIEW OF FALL PAVING PROJECTS**

**REVIEW OF WINTER SPRING PROJECTS**

**CONSIDER STREET SWEEPER PROPOSAL**

1. Joe Johnson Equipment Proposal

**ADJOURN**



Subsidiary of Federal Signal Corporation

704-289-6488

[jjei.com](http://jjei.com)

[info@jjei.com](mailto:info@jjei.com)

4519 Old Charlotte Hwy. Monroe NC 28110

Item 1.



October 28, 2024

Town of Chincoteague

**RE: Regen X Regenerative Air Sweeper- 26K LH Only**

We would like to take this opportunity to thank you for your continued interest in Joe Johnson Equipment (JJE) and Elgin's industry-leading line of innovative street sweeping products.

JJE is pleased to present the following quotation to provide one (1) Elgin Regen X Regenerative Air Sweeper, mounted on a Non-CDL Freightliner M2-106 chassis per Sourcewell Contract # 093021-ELG.

We appreciate the opportunity to assist with this equipment requirement and ask that you not hesitate to contact us should you require additional information.

Respectfully Submitted,

Doug Boice  
Regional Sales Manager  
Joe Johnson Equipment  
Cell: 980-239-8055  
[dboice@jjeusa.com](mailto:dboice@jjeusa.com)



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## Quotation

To provide one (1) Regen X Regenerative Air Sweeper mounted on a Non- CDL Freightliner M2-106 chassis, standard equipped as described below:

### ***Auxiliary Engine:***

- Make: John Deere 4045T Tier Four Final
- Type: 4-cylinder, turbocharged diesel
- Displacement 276 cu. In. (4.5L)
- Horsepower: 74 (55 kW) @2400 RPM
- Torque: 224 ft-lbs (304 Nm) @ 1600 RPM
- Auto Shutdown for Low Oil/High Temp Electronic Throttle

### ***Blower (Fan):***

- Driven by a two (2) "V" groove power belt, with spring-loaded tensioner; not requiring repositioning of the auxiliary engine for adjustment
- Blower speed shall not exceed 3050 RPM
- Closed face turbine type, 33<sup>3/8</sup> in. diameter, with 9 vanes constructed of Hardox steel
- Blower housing shall be constructed of 7-gauge steel
- Inspection door
- Belt tension shall not exceed 20 Hz

### ***Pickup Head:***

- 90" wide and 30" long for a total area of 2700<sup>2</sup> inches
- 14" diameter pressure hose that connects the blower outlet with the pickup head
- 13" diameter suction hose with a quick disconnect coupling at the lower end near the pickup head and the higher end near the hopper inlet, steel portion of this suction tube shall be no shorter than 19"
- The pressure side shall be equipped with an in-cab steel cable-controlled pressure relief valve/vacuum enhancer/leaf bleeder no smaller than 116 square-inches
- The suction chamber shall be equipped with a washout port that does not restrict the sizing of washout nozzle(s) used
- The front and rear debris curtains shall be removable through the loosening of four (4) slotted bolts without removing the pickup head from the unit
- Raised and lowered by rocker switch inside the cab

### ***Side Brooms:***

- 144" total sweep path with both side brooms extended
- Free floating trailing arm, parallelogram design
- 42" diameter with hydraulically driven rotation, pneumatically raised and lowered
- Controlled by in cab rocker switches

### ***Hopper:***

- 8 cu. yards with all fore-and-aft edges being minimum of 6" radius to provide ease of cleaning and debris evacuation
- Constructed of 10-gauge steel and 1/4" thick steel floor



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- 50° total dump angle, 10° hopper floor plus 40° dump angle
- Two (2) single stage telescoping cylinders
- External hopper props
- Dump control shall consist of weatherproof toggle switches located on the exterior right side of sweeper along with optional in-cab dump switches – hopper raise/lower and hopper door open/close – shall also be available
- A single screen assembly with total surface area of 3970 square inches, constructed of 11-gauge steel, shall be installed to allow air to move freely from the hopper into the centrifugal dust separator
- Screen shall be hinged and lowered via a pneumatically controlled cable drop-down system

#### ***Spray Water System:***

- Polyethylene tank, 265-gal. capacity
- 16' 8" fill hose
- Color coded water lines
- Three (3) spray nozzles at each side broom, three (3) at suction hose
- One (1) electric 12-volt, diaphragm type pump will provide a capacity of 4 GPM to the pickup head, the suction hose, and the side brooms. The system pressure shall be sized for 40 PSI

#### ***Hydraulic System:***

- Gear driven pump, with a flow capacity of 7.0 GPM @ 2100 RPM and 8.3 GPM @ 2500 RPM
- 11 gal. capacity with exterior site gauge

#### ***Pneumatic System:***

- All pneumatic cylinders rated to 150 PSI and have a separate rod seal and wiper
- All pneumatic cylinders are interchangeable

#### ***Electrical System:***

- Rear-facing backup camera
- Backup alarm
- Wiring system is color coded and "function stamped"

#### ***Instrumentation:***

- "Raised" hopper indicator and "open" hopper door indicator and a "full" hopper indicator
- Diagnostic information
- Tachometer, hour meter, oil pressure, voltage, and coolant temperature

#### ***Additional Options:***

- Inspection Door RH
- Front Spray Bar
- Front/Rear LED Beacon Beacon/Arrowstick- RM
- In Can Hopper Dump
- Lifeliner
- LH Sidebroom Tilt
- Aux Hydraulic Pump w/ In-cab Dump
- Hydraulic Wandering Hose
- RH Sidebroom Tilt
- High Pressure Washdown
- Idle Down- No Water



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- Hopper Deluge
- Extended 2 year warranty
- RH Camera System

Purchase Price .....\$302,500.00

**Terms & Conditions**

**\*Strictly Subject to Availability and Prior Sale\***

**\*Subject to revision based on events beyond our control due to wildly fluctuating material prices\***

Pricing in USD, taxes, and fees to be paid at time of tag & title if applicable

Price Includes PDI, delivery and training

Payment Terms: Due upon receipt

Purchase order required

Delivery: To be confirmed at time of order

Quotation valid for 7 days

Stock # U006950