

**ROCHELLE CITY COUNCIL
AGENDA ITEM MEMO
REGULAR MEETING**

SUBJECT: Resolution Waiving Local Competitive Bidding Requirements and Authorizing the Trade-In of One 2015 Elgin Pelican Street Sweeper and Authorizing the Purchase of One New Schwarze A9 Monsoon Street Sweeper from RNOW Municipal Equipment.

Staff Contact: Tim Isley

Summary: Street sweeping is a vital maintenance practice aimed at achieving multiple objectives that benefit our community. Street sweeping significantly enhances the overall cleanliness and appearance of our neighborhoods and commercial areas creating a positive impression on residents and visitors. Street sweeping removes litter and debris, such as broken glass and nails from our roadways eliminating these potential hazards and increasing safety for pedestrians, cyclists, and motorists.

Street sweeping plays an important role in our environment as well as it reduces air and stormwater pollution. Street sweeping improves air quality by reducing dust and particulate matter that accumulates on the road and is sent airborne from passing vehicles. Maintaining clean streets also reduces the number of pollutants that can easily migrate off our roads and into our stormwater drains and sewers, which lead directly to our ponds and rivers.

Over the last two years, Public Works staff have demonstrated several types, makes, and models of street sweepers. There are three main types of street sweepers, mechanical, vacuum, and regenerative air. After inspecting, testing, and operating these different street sweepers it became clear the Schwarze A9 Monsoon regenerative air street sweeper would be the most beneficial to our community.

Upgrading to a regenerative air street sweeper will provide significant benefits to our community. Unlike our current mechanical street sweeper that relies on brooms to remove debris, regenerative air sweepers use a high-velocity air system to lift and remove fine dust, debris, and pollutants. This technology ensures a more thorough cleaning, reducing the number of harmful particulates left behind.

Additionally, the Schwarze A9 Monsoon is a multipurpose regenerative air street sweeper and is capable of hydro excavating and vacuuming stormwater inlets and manholes, which are two essential job functions that our current mechanical street sweeper is unable to perform.

The 2025 Solid Waste budget includes funds to replace our current 2015 Elgin Pelican street sweeper. This mechanical sweeper has over 6,500 hours and is requiring more costly repairs to stay operational. Replacing this machine with a new regenerative air street sweeper will increase our street sweeping efficiency with faster travel speeds, much larger debris compartment, reduced downtime and maintenance costs, and improved cleaning abilities that will reduce re-sweeps and negative environmental impacts.

Funding Sources:

Source:	Budgeted Amount:	Sourcwell Member Price offered:	Trade-in offer Elgin Pelican:	Proposed Expenditure:
53-00-83000	\$375,000.00	\$367,718.00	\$45,000.00	\$322,718.00

Strategic Plan Goal Application:

Short term routine – replacing infrastructure/assets

Recommendation:

Consider approving a resolution waiving local competitive bidding requirements and authorizing the trade-in of one 2015 Elgin Pelican street sweeper, coinciding with the purchase of one new Schwarze A9 Monsoon street sweeper from RNOW Municipal Equipment, for a total purchase price of \$322,718.00 as quoted through Sourcwell Contract No. 093021-SWZ, meeting all State of Illinois competitive bidding requirements.

Supporting Documents: