



Office of the City Manager

CONSENT CALENDAR  
November 16, 2021

To: Honorable Mayor and Members of the City Council  
From: Dee Williams-Ridley, City Manager  
Submitted by: Liam Garland, Director, Department of Public Works  
Subject: Purchase Order: Atlantic Machinery, Inc. for One Ravo Sweeper

RECOMMENDATION

Adopt a Resolution satisfying the requirements of City Charter Article XI Section 67.2 allowing the City to participate in Sourcewell contract bid procedures and authorizing the City Manager to execute a purchase order with Atlantic Machinery, Inc. for one (1) Ravo Sweeper in an amount not to exceed \$285,000.

FISCAL IMPACTS OF RECOMMENDATION

The purchase of one Ravo Sweeper will not exceed \$285,000 and includes CA tire fees, training, delivery, and sales tax. Funding for this purchase is available in FY 2022 through two funding sources: Zero Waste Fund 601 and Measure B Fund 130. Cost allocation divided as follows:

Account String	Percentage	Allocation
130-54-625-715-0000-000-431-664120	55%	\$156,750
601-54-625-714-0000-000-474-664120	45%	\$128,250

CURRENT SITUATION AND ITS EFFECTS,

This purchase will be new to fleet and procured for a specialized service to the City of Berkeley. Staff from Public Works' Clean City Unit and Transportation Division researched and tested multiple brands and selected the Ravo Compact Sweeper as the best option for the City's protected bikeways. The vehicle's size, maneuverability, and operational features are best suited to provide sweeping of bike lanes that would otherwise be inaccessible to larger sweepers. Additionally, this new type of asset will be more efficient than hand sweeping, which will assist in keeping protected bike lanes free of debris, while reducing staff time performing the important task.

This purchase supports the Strategic Plan Goal of providing state-of-the-art, well-maintained infrastructure, amenities, and facilities.

## BACKGROUND

If a vehicle purchase request exceeds \$25,000, the Department of Finance, General Services Division solicits bids or “piggybacks” off competitively bid contracts to ensure City Departments receive the best pricing.

The City of Berkeley has been a no-cost member of Sourcewell<sup>1</sup> (formerly National Joint Powers Alliance) a municipal contracting agency operating under the legislative authority of Minnesota Statue 123A.21. The original 1978 statue was revised in 1995 to allow government clients to better meet their specific needs through participation in a service cooperative, rather than paying the higher cost associated with individual procurement. Sourcewell allows participating municipal agencies to leverage the benefits of cooperative purchasing and reduces procurement costs. Sourcewell serves all educational, government, and non-profit agencies nationwide, and offers cooperatively contracted products, equipment and service opportunities to government entities throughout the U.S.

All Sourcewell contracts have been competitively solicited nationwide. On November 16, 2017 Sourcewell released Request for Proposal No. 122017 for Sewer Vacuum, Hydro-Excavation, and Street Sweeper Equipment, with Related Accessories and Supplies. The solicitation was released for approximately thirty-five days and thirty proposals were submitted. Upon review Sourcewell selected Atlantic Machinery, Inc. as the best most responsive proposer to meet the specifications thusly awarding Contract No. 122017-AMI.

The Ravo Fayat Group Sourcewell Contractor Administrator is Atlantic Machinery, Inc. and their authorized distributor for the State of California is Municipal Maintenance Equipment who will provide truck prep, parts, services and delivery to the City of Berkeley.

## ENVIRONMENTAL SUSTAINABILITY AND CLIMATE IMPACTS

Consistent with the City Council’s recently accepted Municipal Fleet Electrification Assessment, Public Works contacted industry representatives from multiple sweeper suppliers and tested several models before selecting the Ravo sweeper. Representatives confirmed electric alternatives are not yet available to adequately support the specific configuration and duty cycles required to support the City’s current operational needs.

Additionally, well maintained bikeways encourage the community to commute by bicycle and to do so safely, thereby reducing vehicle emissions.

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<sup>1</sup> <https://www.sourcewell-mn.gov>

The new Compact Sweeper will be powered by 100% renewable diesel designed to reduce greenhouse gas emissions by as much as 50 - 80% and meets emission standards set by 2018 EPA and California Air Resources Board (CARB) requirements.

Usage of renewable diesel also complies with the City's Fossil Free Recommendations. This purchase aligns with the 2020 Municipal Fleet Electrification Assessment that recognized the lack of commercially available and viable medium and heavy-duty specialized vehicles. The Municipal Fleet Electrification Assessment proposed to install 51 charging stations with 100 chargers and upgrade all 129 vehicles in the light duty fleet to EV by 2030. To Date, Public Works has installed 31 charging stations and 61 chargers. In the next two years, another five charger installations are planned for installation at the Corporation Yard. In 2020, the fleet included 46 hybrids and 15 plug in hybrid-electric vehicles. Since then, the fleet has added 6 EV sedans, 11 hybrid SUVs for the Police Department (PD), and 4 hybrid pickup trucks. In the next FY, the City will add another 11 EV sedans. Public Works is on track to complete conversion of sedans and SUVs by 2028, two years ahead of the assessments schedule. Additionally, the city fleet has reduced its consumption of traditional gasoline by 33% from a high in 2000, in part due to some of the changes above and because so much of the fleet runs on renewable diesel. Twenty-one of last year's vehicle replacements were either hybrid or powered by renewable diesel.

#### RATIONALE FOR RECOMMENDATION

Public Works researched solutions to provide sweeping services for protected bike lanes within the city. After testing multiple brands, the new RAVO Compact Sweeper was selected as the best option to fulfill that need.

#### ALTERNATIVE ACTIONS CONSIDERED

Many other models were assessed; this compact sweeper best meets the need to effectively sweep our City's bike lanes and keep them safe.

#### CONTACT PERSON

Greg Ellington, Superintendent, Department of Public Works (510) 981-6469

Attachment:  
1: Resolution

RESOLUTION NO. ##,###-N.S.

PURCHASE ORDER: ATLANTIC MACHINERY, INC. FOR ONE RAVO SWEEPER

WHEREAS, one new Ravo Compact Sweeper is needed by Public Works Streets Cleaning Division to provide effective sweeping services for protected bike lanes to ensure surfaces are free and clear of debris; and

WHEREAS, vehicle is needed in supporting equipment operators to carry out their work efficiently and effectively; and

WHEREAS, City Charter XI Section 67.2 allows the City to purchase goods without undergoing a competitive bid process if the City uses pricing obtained by another entity through a competitive bid process; and

WHEREAS, on November 16, 2017 Sourcewell released Request for Proposal No. 122017 for Sewer, Vacuum, Hydro-Excavation, and Street Sweeper Equipment, with Related Accessories and Supplies. The solicitation was released for approximately thirty-five days and thirty proposals were submitted. Upon review Atlantic, Machinery, Inc. was selected as the best most responsive proposer to meet the specifications, thusly awarding Contract No. 122017-AMI; and

WHEREAS, Sourcewell contract bid procedures satisfy the procurement requirements of the City of Berkeley; and

WHEREAS, funds in the amount of \$285,000 are available in the FY22 Zero Waste Fund 601 and Measure B Fund 130.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the City Manager is authorized to execute a purchase order for one Ravo Sweeper with Atlantic Machinery, Inc. in an amount not to exceed \$285,000.