



Office of the City Manager

CONSENT CALENDAR  
December 15, 2020

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: TYMCO, Inc. for three Model 600X Regenerative Air Sweeper

RECOMMENDATION

Adopt a Resolution satisfying City Charter Article XI Section 67.2 requirements allowing the City to participate in Houston-Galveston Area Council contact bid procedures, and authorizing the City Manager to execute a purchase order with TYMCO, Inc. for three Model 600X Regenerative Air Sweeper in an amount not to exceed \$962,000.

FISCAL IMPACTS OF RECOMMENDATION

The purchase of three model 600X Regenerative Air Sweeper will not exceed \$962,000 and includes California tire fees and sales tax. Funding for two of the sweepers in the amount of \$641,333 is available in the FY 2021 Baseline Budget Fund for Equipment Replacement, and funding for the third sweeper in the amount of \$320,666 will be funded by Zero Waste Fund.

CURRENT SITUATION AND ITS EFFECTS

This purchase order will replace two existing regenerative air sweepers Equipment # 2718 and 2719 that have reached the end of their useful life. The purchase will also add an additional sweeper to support the street sweeping operations. Public Works needs an additional sweeper in their fleet to fill existing gaps in street sweeping coverage and to prevent any shortfalls when sweepers are taken out of service for preventative maintenance. The street sweepers will be utilized by the Streets Division of the Department of Public Works for residential and commercial street sweeping throughout the city. Regenerative air sweepers deploy a blast and suction (vacuum) effect, which has proven more effective in cleaning the entire coverage areas, thus effectively removing debris. Street sweeping is an integral part of protecting stormwater by removing debris and heavy metals.

Sweepers will be powered by 100% renewable diesel fuel, designed to reduce greenhouse gas emission by up to 80%.

Approval of this item will further the Strategic Plan goal of providing state-of-the-art, well-maintained infrastructure, amenities, facilities.

## BACKGROUND

If a purchase request exceeds \$25,000, the Department of Finance, General Services Division solicits bids or “piggybacks” off competitively bid contracts to ensure the City’s departments received the best pricing. In addition, prior to each purchase, General Services performs market research to ensure the City receives the best available pricing. Each City department pays its proportionate share into the Equipment replacement Fund, and those funds are utilized to replace equipment of the end of its useful life.

The City of Berkeley has been a no-cost member of Houston-Galveston Area Council (H-GACBuy), a Cooperative Purchasing Program that has offered inter-local purchasing since 2008<sup>1</sup>. HGACBuy provides procurement services that make the government procurement process more efficient by establishing competitively priced contracts for goods and services made available to local governments nationwide.

Products and services offered through HGACBuy have been subjected to a public competitive bid process. On September 8, 2019 HGACBuy released Invitation to Submit Competitive Bid Invitation No. SW04-20 for Sweeping Equipment. The solicitation was nationally advertised for 89 days. Ten bids were submitted and reviewed by the Houston-Galveston Area Council who selected TYMCO, Inc. as one of the best responsive and responsible proposers to meet the specifications, thusly awarding Contract No. SW04-20 to TYMCO, Inc.

H-GACBuy charges an order processing fee paid by the contractor, for each sale successfully completed through their contracts. For this Model 600X Regenerative Air Sweeper purchase, the 1.5% fee will be paid directly to H-GACbuy by TYMCO, Inc. and the cost will not be passed on to the City of Berkeley.

## ENVIRONMENTAL SUSTAINABILITY

The new TYMCO 600X Regenerative Air Sweeper will be powered by renewable diesel fuel designed to reduce greenhouse gas emission by up to 80%

Consistent with the City Councils recently accepted Municipal Fleet Electrification Assessment, Public Works conducted extensive research to determine the availability of a comparable electric version of a regenerative air sweeper. Staff queried industry manufactures/distributors including; Owens equipment, GCS Environmental, Municipal Maintenance Equipment (MME), and Global Environmental Products whom verified no electric regenerative air sweepers are available at this time.

In an effort to ensure thorough research was conducted, street sweeping staff participated in demonstration of an all-electric powered mechanical street sweeper and found equipment lacking ability to adequately remove debris from the roadway. Staff

---

<sup>1</sup> <https://www.hgacbuy.org>

concluded the all-electric street sweeper's performance, relatively short run time, and hours required for charging could not adequately meet the demanding needs of our sweeping schedule.

RATIONALE FOR RECOMMENDATION

The 600X model regenerative air sweepers currently in use have reached the end of their economic lifecycle and are due for replacement. Additionally, the requisition of a third asset is needed to meet the increased workload of the Streets division.

ALTERNATIVE ACTIONS CONSIDERED

None.

CONTACT PERSON

Greg Ellington, Equipment Superintendent, Public Works Maintenance, (510) 981-6469

Attachment:

1: Resolution

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

PURCHASE ORDER: TYMCO, INC. FOR ONE MODEL 600X REGENERATIVE AIR STREET SWEEPER

WHEREAS, three model 600X Regenerative Air Street Sweepers are needed by the City of Berkeley Public Works Streets Division to replace two sweeper that have reached the end of their economic lifecycle, and one new additional sweeper to accommodate increased route coverage by staff; 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 competitive process; and

WHEREAS, on September 8, 2019 HGACBuy released Invitation to Submit Competitive Bid No. SW04-20 for Sweeping Equipment. The solicitation was nationally advertised for 89 days. Ten bids were submitted and reviewed by the Houston-Galveston Area Council who selected TYMCO, Inc. as one of the best responsive and responsible proposers to meet the specifications, thusly awarding Contract No. SW04-20 to TYMCO, Inc.; and

WHEREAS, H-GACBuy charges an order processing fee paid by the contractor, for each sale successfully completed through their contracts. For this street sweeper purchase, the 1.5% fee will be paid directly to H-GACBuy by TYMCO, Inc. and the cost will not be passed on to the City of Berkeley; and

WHEREAS, HGACBuy contract bid procedures satisfy the requirement of the City of Berkeley; and

WHEREAS, funds in the amount of \$962,000 are available in the FY 2021 Equipment Replacement Fund 671 and Zero Waste Fund 601.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that City Manager is hereby authorized to execute a purchase order for one model 600X Regenerative Air Street Sweeper with TYMCO, Inc. in an amount not to exceed \$962,000.