



Office of the City Manager

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CONSENT CALENDAR
May 25, 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: Altec Industries, Inc. for One Aerial Bucket Truck

RECOMMENDATION

Adopt a Resolution satisfying 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 for one (1) Aerial Bucket Truck with Altec Industries, Inc. in an amount not to exceed \$206,180.

FISCAL IMPACTS OF RECOMMENDATION

The purchase of one Aerial Bucket Truck will not exceed \$206,180 and includes, DMV fees, CA tire fees, delivery to City of Berkeley, training and sales tax. Funding for this purchase is available in the FY 2021 budget in the Equipment Replacement Fund.

CURRENT SITUATION AND ITS EFFECTS

This purchase will replace Aerial Bucket Truck equipment number 3276 received in 2006 that has exceeded its useful life of ten years. The Parks Recreation & Waterfront Department's Forestry Division requires a vehicle to perform tree maintenance in parks, along public right of ways, ancillary city property, and emergency response. The replacement vehicles will be equipped with an advanced Jobsite Energy Management System (JEMS) system. JEMS is an integrated plug-in system that uses stored electrical energy to power the aerial device, tools and exportable power, and provides cab comfort with engine off, thus reducing idle time and fuel consumption.

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

BACKGROUND

Throughout the year, each City Department pays its proportionate share into the Equipment Replacement Fund, and those funds are utilized to replace equipment at the end of its useful life. 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 the City receives the best pricing.

The City of Berkeley has been a no-cost member of Sourcewell¹ (formerly National Joint Powers Alliance), a municipal contracting agency operating under the legislative authority of Minnesota Statute 123A.21. The original 1978 statute 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 December 7, 2017 Sourcewell released Request for Proposal No. 012418 for Public Utility Equipment with Related Accessories and Supplies. The solicitation was released for approximately fifty days and fifteen proposals were submitted. Upon review Sourcewell selected Altec Industries, Inc. as the best most responsive proposer to meet the specifications thusly awarding Contract No. 012418-ALT.

ENVIRONMENTAL SUSTAINABILITY

The Aerial Bucket Truck features the Jobsite Energy Management System (JEMS SE) system. It is an integrated plug-in system that uses stored electrical energy to power the aerial device, tools and exportable power; and provide cab comfort to include heating and air conditioning without the engine running. This technologically advanced system will eliminate idle time at jobsites, reduce fuel consumption, decrease carbon footprint and tailpipe emissions, and reduce maintenance costs. The hybrid system will work in combination with an engine application powered by 100% renewable diesel that meets 2018 EPA and California Air Resources Board (CARB) requirements.

Fleet Maintenance staff conducted research to ascertain whether an electric drivetrain version of this product is available. The research concluded that there are no fully electric drivetrains for vehicles of this configuration available at this time. The Altec Aerial Bucket Truck with the JEMS ES System is the best selection for the needs of the department.

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 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, PW has installed 31 charging stations and 61 chargers. In the next two years, another five charger installations are planned and contingent on an additional budget allocation of \$850,000, primarily for installations at the Corporation Yard. In

¹ <https://www.sourcewell-mn.gov>

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 to EVs by 2028, two years ahead of the assessment's schedule. In addition, 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 run on renewable diesel.

RATIONALE FOR RECOMMENDATION

Equipment must be replaced on a reasonable schedule to ensure the Parks Recreation & Waterfront Department's Forestry Staff can efficiently and effectively carry out their duties. This purchase will allow the Forestry Staff to be fully equipped to perform ongoing tree maintenance throughout the City.

ALTERNATIVE ACTIONS CONSIDERED

None. Keeping equipment longer than its useful life results in higher maintenance costs and excessive downtime in order to keep it operating in a safe and serviceable manner. Additionally, higher greenhouse gas emissions are attributed to older vehicles.

CONTACT PERSON

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

Attachment:
Resolution

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

PURCHASE ORDER: ALTEC INDUSTRIES, INC. FOR ONE AERIAL BUCKET TRUCK

WHEREAS, one new Aerial Bucket Truck is needed by Parks Recreation & Waterfront Department Forestry Division to be utilized for tree maintenance, trimming and emergency response; and

WHEREAS, equipment unit number 3276 being replaced has exceeded its useful life of ten years; and

WHEREAS, equipment must be replaced on a reasonable schedule that allows equipment operators to efficiently and effectively carry out their work; 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 process; and

WHEREAS, on December 7, 2017 Sourcewell released Request for Proposal No. 012418 for Public Utility Equipment with Related Accessories and Supplies. The solicitation was released for approximately fifty days and fifteen proposals were submitted. Upon review Altec Industries, Inc. was selected as the best most responsive proposer to meet the specifications, thusly awarding Contract No. 012418-ALT; and

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

WHEREAS, funds in the amount of \$206,180 are available in the FY2021 Equipment Replacement Fund 671.

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 Aerial Bucket Truck with Altec Industries, Inc. in an amount not to exceed \$206,180.