

Agenda Report

December 13, 2021

TO: Honorable Mayor and City Council

FROM: Water and Power Department

SUBJECT: CONTRACT AWARD TO ECO ENERGY SOLUTIONS, INC., DBA HIGH VOLT ELECTRIC TO PROVIDE LABOR AND MATERIALS FOR INSTALLATION OF GENERATOR TAP BOXES FOR THE WATER AND POWER DEPARTMENT

RECOMMENDATION:

It is recommended that the City Council:

1. Find that the proposed action is exempt from the California Environmental Quality Act ("CEQA"), pursuant to State CEQA Guidelines Section 15301 (Class 1 – Existing Facilities) and that there are no features that distinguish this project from others in the exempt class and, therefore, there are no unusual circumstances;
2. Accept the bid dated September 23, 2021 submitted by Eco Energy Solutions, Inc., dba High Volt Electric in response to Specification WD-21-08 for providing labor and materials for installation of generator tap boxes; reject all other bids received; and authorize the City Manager to enter into a contract with Eco Energy Solutions, Inc., dba High Volt Electric in an amount not to exceed \$616,286 which includes the base amount of \$560,260 and a contingency of 10% (\$56,026) to provide for any necessary change orders.

BACKGROUND:

Pasadena Water and Power ("PWP") purchased three 150 kilowatt trailer-mounted portable generators to supply emergency power to PWP operated water system booster stations in the event of a power failure due to catastrophic events or planned outages. Each generator can provide approximately 24 hours of uninterrupted power on a single tank of fuel and will be utilized on a short-term basis until normal electrical supply resumes. In order to connect the portable generator to a booster station, the booster station must be equipped with a generator tap box that safely disengages the service from the fixed power supply and allows for the portable generator to provide power seamlessly to the facility.

PWP operates 21 booster stations and has identified eight that can be adequately served with these portable generators. Presently, five booster stations are equipped with generator tap boxes. Five stations will be equipped with stationary generators due to the larger power demand. The remaining three do not require tap boxes because of system redundancy. PWP will continue to assess critical equipment to identify key infrastructure for stationary generators through a separate design and procurement process.

This project will include labor and materials for the installation of generator tap boxes and modifications to the existing electrical system.

Specifications and Bid Summary

The Notice Inviting Bids for Specification WD-21-08 was posted online through Planet Bids on August 26, 2021 and published in the Pasadena Journal on September 2, 2021. The electronic posting generated notices to 1,770 vendors, including 65 local vendors, and documents were downloaded by 27 vendors, none of which were local. Three vendors attended the mandatory pre-bid conference on September 9, 2021, and one responsive bid was received on September 23, 2021, with no bids received from local vendors.

Bid results are summarized in Table 1 as follows:

Table 1: Summary of Bids

Bidder Name	Office Location	Bid Amount
Eco Energy Solutions, Inc., dba High Volt Electric	Chatsworth, California	\$560,260

Eco Energy Solutions, Inc., dba High Volt Electric was the lowest responsive and responsible bidder that complied with the specification requirements, and possesses a valid Class C-10 License: Electrical Contractor.

The proposed contract complies with Competitive Bidding and Purchasing Ordinance P.M.C. 4.08 and the rules and regulations promulgated thereunder. The project was bid as a prevailing wage project and workers employed by the contractor will be paid the general prevailing rate of per diem wages as determined by the California Director of Industrial Relations. The project will meet the requirements of prevailing wage law under California Labor Code Sections 1720 through 1861 and Title 8 of the California Code of Regulations.

It is recommended that the City Council authorize the City Manager to enter into a contract with Eco Energy Solutions, Inc., dba High Volt Electric in the amount of \$616,286, which includes the base bid, and a contingency of 10% for any necessary change orders. The recommended contractor does not have any existing or past contracts with the City of Pasadena. Eco Energy Solutions, Inc., dba High Volt Electric has experience in installation of electrical equipment and has completed similar projects with Norwalk La-Mirada Unified School District, Santa Monica Unified School District, and Los Angeles County Sanitation District.

COUNCIL POLICY CONSIDERATION:

This project is consistent with the 2020 Urban Water Management Plan under Section 8.4.5, Catastrophic Supply Interruption Plan, and the 2020 Water System and Resources Plan for improved system resiliency and redundancy in response to disruption in distribution of water during emergency or natural disasters. It supports the City Council's goal to maintain adequate water supply to protect human health and safety in a major catastrophic event, such as an earthquake or region-wide power outage.

ENVIRONMENTAL ANALYSIS:

The recommended action is exempt from CEQA pursuant to State CEQA Guidelines Section 15301 (Class 1 – Existing Facilities). Class 1 exempts from environmental review “the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of existing or former use.” The proposed project consists of the installation of generator tap boxes at existing booster stations. The tap boxes would allow for PWP's emergency generators to be connected to booster stations to provide service during catastrophic events or planned outages. No expansion of use is proposed. There are no features that distinguish this project from others in the exempt class and, therefore, there are no unusual circumstances.

FISCAL IMPACT:


The cost of this action will be \$721,286, which includes the bid amount of \$560,260, a 10% contingency of \$56,026, and \$105,000 in anticipated indirect and support costs such as contract administration and inspection. Funding for this action will be addressed by the utilization of existing and future appropriations in Capital Improvement Project 01079 – Emergency Generator. It is anticipated that \$500,000 will be spent during the current fiscal year. The remainder of the costs will be spent in fiscal year 2023.

The fiscal impact summary is shown in Table 2 below:

Table 2: Fiscal Impact Summary

Bid Amount	\$560,260
10% Contingency	\$56,026
Total Contract Amount	\$616,286
Contract Admin/Inspection (PWP)	\$105,000
Total Fiscal Impact: fiscal years 2022/2023	\$721,286

Respectfully submitted,



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