

Agenda Report

August 18, 2025

TO: Honorable Mayor and City Council

FROM: Water and Power Department

SUBJECT: AUTHORIZE THE CITY MANAGER TO ENTER INTO A CONTRACT FOR AN AMOUNT NOT-TO-EXCEED \$447,304 WITH MAXIMUM TURBINE SUPPORT, INC. TO FURNISH AND DELIVER SPRINT NOZZLES FOR THE GAS TURBINE AT THE GLENARM POWER PLANT

RECOMMENDATION:

It is recommended that the City Council:

1. Find that the action proposed herein is not a "project" subject to the California Environmental Quality Act (CEQA) pursuant to State CEQA Guidelines Section 21065 and within the meaning of Section 15378(b); and
2. Award contract to the lowest and best bid dated July 2, 2025 submitted by Maximum Turbine Support, Inc. in response to the specification to furnish and deliver sprint nozzles for gas turbines, and authorize the City Manager to enter into a one-year contract for an amount not-to-exceed \$447,304, which includes a base bid of \$406,640 and a contingency of \$40,664 to provide for any necessary change orders.

BACKGROUND:

The City of Pasadena's Glenarm Power Plant includes five natural gas-fueled combustion turbines equipped with generators that produce electrical power. Gas Turbine 3 ("GT-3") and Gas Turbine 4 ("GT-4") are LM6000s model turbines manufactured by General Electric ("GE") and require specialized parts or original equipment manufacturer parts to maintain the useful life and operation of the Power Plant. Sprint nozzles are an integral component of a GE LM6000 gas turbine as they act as a crucial cooling mechanism within the turbine's compressor section, allowing for enhanced performance and increased power generation. The Sprint system is activated when ambient temperatures are high, and the unit is nearing max output capacity. The current sprint nozzles installed on GT-3 and 4 are the original nozzles dating back to the installation of the turbines in 2002 and require replacement as they have eroded.

The availability of the generating units is essential to maintaining the reliability of the City's electrical system during the normal course of business and especially during California Independent Service Operator's ("CAISO") requirements for resource adequacy. New sprint nozzles are needed to reach maximum output capacity and improve efficiency, especially in high ambient temperatures. The inability to reach maximum capacity would impact the reliability of the electrical system and would impact the Light and Power Fund budget.

On June 19, 2025, a Notice Inviting Bids to Furnish and Deliver Sprint Nozzles for Gas Turbine was published in OpenGov, which generated notices to all vendors who have previously registered with the City for this particular commodity class. A total of five vendors downloaded the specifications, of which none are local. A total of four bids were received by the bid opening date, with no bids received from local vendors. The responsive bid results are shown below in Table 1.

Table 1: Responsive Bids

Bidder	Amount (\$)
Maximum Turbine Support, Inc, Riverside, CA	\$ 406,640
AP4 Energy Services, LLC, Lakeland, FL	\$ 406,840
OEM Parts Network, Inc., Rancho Cucamonga, CA	\$ 412,994
ProEnergy Services, LLC, Sedalia, MO	\$ 683,095

It is recommended that Maximum Turbine Support, Inc. be awarded the contract as they are the lowest responsive bidder. The proposed contract fully complies with the Competitive Bidding and Purchasing Ordinance, Pasadena Municipal Code, Chapter 4.08. Maximum Turbine Support, Inc. has previously received contracts with the City of Pasadena totaling \$34,227 since Fiscal Year ("FY") 2016.

COUNCIL POLICY CONSIDERATION:

The proposed contract is consistent with the Public Facilities Element of the General Plan and supports the City Council's goal to improve, maintain and enhance public facilities and infrastructure; to provide high level of public service which adds to the quality of life in the City and increase its attractiveness through more efficient management of resources.

ENVIRONMENTAL ANALYSIS:

CEQA excludes, from environmental review, actions that are not "projects" as defined by CEQA Guidelines Section 21065 and within the meaning of Section 15378(b). Sections 21065 and 15378(b) define a project as an action which may cause either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment. Section 15378 excludes from the definition of "project" continuing administrative or maintenance activities, such as purchases for supplies and services. The actions proposed herein, authorizing the City Manager to enter into a contract with Maximum Turbine Support, Inc, is an administrative activity for the purchasing of supplies,

and therefore is not a "project" as defined by CEQA. Since the action is not a project subject to CEQA, no environmental document is required.

FISCAL IMPACT:

The total cost of this contract including contingency is \$447,304 and the total cost of this action will be \$447,304. Funding for this action will be addressed by the utilization of existing budgeted appropriations in the *GT-3 and GT-4 Capital Equipment Refurbishments* (03186) Power Capital Improvement Program project. It is anticipated that all costs will be expended in FY 2026. There is no impact to the General Fund.

The following table represents a project summary:

Base Bid	\$	406,640
Contract Contingency	\$	40,664
Total Fiscal Impact	\$	447,304

Respectfully submitted,



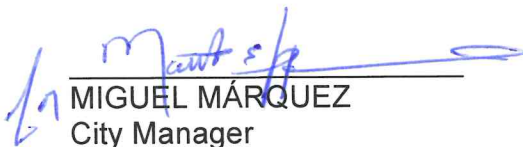
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