

**CITY OF GLENDALE
INTERDEPARTMENTAL COMMUNICATION**

DATE: June 30, 2021

TO: Roubik R. Golanian, P.E., City Manager

FROM: Mark Young, General Manager – GWP

SUBJECT: Approval to use the Alternative Project Delivery Method for the Design-Build of the Pipeline Management Program FY 21-22, Phase I Project

Approval to use the alternative project delivery method for the design-build of the Pipeline Management Program FY 21-22, Phase 1 project is respectfully requested. City Manager approval, prior to City Council approval, is required by Glendale Municipal Code, (GMC) Section 4.13.070 for Alternate Project Delivery Method projects.

Section I: As required by GMC Section 4.13.070, the following information about the project is provided:

1. **Purpose and Function:** The Pipeline Management Program is an ongoing program to replace the pipeline infrastructure of the City's water system to improve overall system performance and reliability. The program goals are to replace pipeline that has reached its useful life and to replace or install pipeline to improve system operations, fire flow performance at fire hydrants and water quality.
2. **Design and Features:** The project consists of the design and construction of approximately 17,100 feet of new 8-inch ductile iron potable water pipeline in various streets in the City (see Exhibit A).
3. **Project Cost:** The engineering estimate for the project ranges from \$7.1 million to \$7.8 million. The project will be paid for by both the Pipeline Management Program (W30095) and the System Optimization Program (31013). Currently, the Pipeline Management Program budget has an available balance of approximately \$5 million, while System Optimization has \$400,000 available. A request to appropriate the remaining funds needed for the project will be requested at the time of project award.
4. **Estimated Completion Date:** The estimated final completion date is September 2023.
5. **Potential Design, Constructability, Maintenance, Repair, or Operability Issues:**
A portion of this project is located within a Caltrans right-of-way and will require the issuance of an Encroachment Permit from Caltrans which typically will dictate many requirements for the design and construction, and can be a lengthy process. One of the advantages of the Design-Build Method is that the responsibility of ushering forward the approval of the Encroachment Permit falls on the contractor-designer team, known as a Design-Build Entity, or DBE.
6. **Impact on The Public and City Services until the Project's Completion:**

The public will experience construction related noise, dust, intermittent street closures, water outages, and other common inconveniences associated with public works type of construction work in the public right-of-way.

Section II: As required by GMC Section 4.13.070, the alternative delivery method is being proposed for the following reason(s) and justification(s):

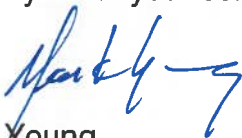
1. Overall Schedule Acceleration: The utilization of an alternative project delivery method for the Project will meet the Project's need for overall schedule acceleration [GMC Section 4.13.060(A)(7)], due to GWP's obligation to maintain and improve the level of service it provides to its customers, as well as the Project benefitting from early contractor involvement by avoiding delays in engineering and construction. [GMC Section 4.13.060(A)(4)]
2. Project Efficiency: The Design-Build delivery method will improve the Project by:
 - A. Minimizing the Project delivery time, [GMC 4.13.060(B)(1)(a)], by enabling early contractor involvement to allow design and construction schedules to overlap and reduce the research and design phases with a similar outcome in the final construction, as well as addressing items discovered once the excavation is made quickly as such items come up without the need for delays in engineering and construction, which occur using the traditional design-bid-build method.
 - B. Minimizing the Project's overall cost [GMC Section 4.13.060(B)(2)], by minimizing through:
 - i. The Project designer and builder team (DBE) having early coordination of the construction means, methods, and materials, thereby minimizing Project costs and maximizing its budget.
 - ii. Constant communication and coordination between the team members to have fewer design errors, constructions mistakes, and change orders, thereby enabling them to complete the Project on budget.

The Water Division has had excellent results in using the design-build project delivery method on pipeline projects, has exclusively been using this method over the last few years, and recommends the method be utilized for this project.

If you concur, please sign "Approval granted" as indicated below. Should you require any additional information or if you have any questions, please do not hesitate to contact me at extension 2107.

Thank you for your consideration.

MEJ

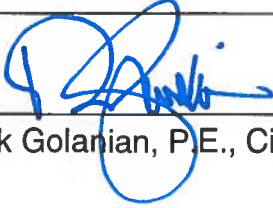


Mark Young
General Manager – GWP

☒ Approval granted

☐ Approval denied

Approval granted with the following condition(s): _____



Roubik Golarian, P.E., City Manager

7/01/21

Date