

Agenda Report

September 21, 2020

TO: Honorable Mayor and City Council

THROUGH: Public Safety Committee (September 16, 2020)

FROM: Department of Public Works

SUBJECT: PURCHASE ORDER CONTRACT AWARD TO CUSTOM DESIGN IRON WORKS, INC. FOR THE COLORADO STREET BRIDGE – SUICIDE MITIGATION ENHANCEMENTS – TEMPORARY MOCK-UP PANELS FOR AN AMOUNT NOT TO EXCEED \$160,210

RECOMMENDATION:

It is recommended that the City Council:

1. Find the contract proposed herein to be categorically exempt under the California Environmental Quality Act (CEQA) Guidelines in accordance with Title 14, Chapter 3, Article 19, 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. Authorize the City Manager to enter into a purchase order contract for an amount not to exceed \$160,210 which includes the base contract amount of \$150,210, and a contingency of \$10,000 to provide for any necessary change orders with Custom Design Iron Works, Inc. for the fabrication and installation of temporary mock-up panels for Colorado Street Bridge – Suicide Mitigation project. Competitive bidding is not required pursuant to City Charter Section 1002 (F) contracts for professional or unique services;
3. Grant the proposed purchase order contract an exemption from the competitive selection process pursuant to Pasadena Municipal Code Section 4.08.049(B), contracts for which the City's best interests are served.

BACKGROUND:

As directed by the City Council, staff is proceeding with the design and implementation of suicide deterrent barriers for the Colorado Street Bridge.

On November 19 and 26 of 2019, staff presented several vertical barrier design concepts that received the most public support during the outreach process to the Historic Preservation Commission and Design Commission, respectively. Following the advisory review of both Commissions, the concepts were further refined and presented to the Public Safety Committee on February 3, 2020. The consensus among the Commissions and Committee was that full-scale mock-ups of the following three barrier design options should be constructed for better visualization and evaluation before a specific concept could be chosen:

- Option A – Curved lamp post treatments at alcoves with straight stainless steel mesh for the length of bridge
- Option B – Curved lamp post treatments at alcoves with curved stainless steel mesh for length of bridge.
- Option C – Straight pickets at alcoves and length of bridge.

Based on Public Safety Committee's inquiry, the project team assessed the cost of an additional design option that would fully enclose the bridge via arched fencing extending from side to side along the length of the bridge. Based on preliminary evaluation, full enclosure of the bridge is estimated to cost approximately \$5 Million. The fencing material and design detailing would ultimately dictate the final cost.

Pursuant to the review and comments from the aforementioned Commissions and Committee, Public Works Engineering staff worked with the design consultant of the Colorado Street Bridge – Suicide Mitigation Enhancements Project, Donald MacDonald Architects, to acquire vendors and contractors to fabricate and install the temporary mock-ups. However, due to the specialized, highly detail-oriented and labor-intensive nature of the designs, as well as the limited quantity of production required for a mock-up, Custom Design Iron Works, Inc. was the only qualified vendor who provided a proposal for the work. The specialized mesh design is a custom order fabricated in Germany, further limiting number of skilled local vendors willing and capable to take on fabrication of the mock-up panels. As such, it is in the best interest of the City to contract with this qualified vendor as sole source for this specialized and limited work.

A finding of compliance with the General Plan was previously made and is shown in the Fiscal Year (FY) 2021-2025 CIP on page 2.6 – *Colorado Street Bridge Enhancements – Suicide Mitigation*.

The Department of Public Works recommends that Custom Design Iron Works, Inc. be awarded the purchase order contract for fabrication and installation of the temporary mock-ups. The proposed contract fully complies with the Prevailing Wage Law (Senate Bill 7) per Resolution 9406 adopted by the City Council on December 15, 2014.

Custom Design Iron Works, Inc. has not had previous contracts with the City of Pasadena.

The purchase order will be set up as follows:

Base Bid	\$ 150,210
Contingency Allowance	\$ 10,000
Contract Not-to-Exceed Amount	\$ 160,210

A contingency of seven percent is allocated to this purchase order contract given possible unforeseen conditions that may be encountered.

The Department of Public Works anticipates that fabrication will begin September 2020 and installation take place in November 2020. The mock-ups will be independently supported on top of the existing bridge balustrade and anticipated to remain in place for community observation for approximately two to three weeks.

NEXT STEPS

The following is the proposed project schedule. A web survey will be published on the project’s website to solicit public opinion on the mock-up design options once they have been installed.

Full-Scale Mock-Up Installation	Early November 2020
Viewing Period/Gather Public Opinion through Survey Monkey	November 2020
Historic Preservation Commission: Follow-Up Review	November 2020
Design Commission: Follow-Up Review	December 2020
Public Safety Committee/City Council: Design Recommendation and Approval	December 2020/January 2020

COUNCIL POLICY CONSIDERATION:

This contract is consistent with the City Council’s goal to support and ensure public safety, as well as encourage public improvements and utility infrastructure that preserves historic resources. It is also consistent with Policy 2.7 (Civic and Community Services), Policy 2.11 (Health Facilities), Policy 6.7 (Public Safety and Community Design), Policy 8.6 (Infrastructure and Street Design Compatibility), and Policy 16.1 (Commitment).

ENVIRONMENTAL ANALYSIS:

This project has been determined to be categorically exempt from environmental review pursuant to the guidelines of the CEQA (Public Resources Code §21080(b)(9); Administrative Code, Title 14, Chapter 3 §15301, Class 1, Existing Facilities). Class 1 exempts from environmental review small additions, expansions or alterations to existing structures where there is negligible or no expansion of the use. There are no features that distinguish this project from others in the exempt class and, therefore there are no unusual circumstances.

FISCAL IMPACT:

The total cost of this purchase order contract is \$160,210. Funding for this action will be addressed by the utilization of existing budgeted appropriations in the *Colorado Street Bridge Enhancements – Suicide Mitigation* CIP Project (73324) and the existing and recommended budgeted appropriations in *Bridge Improvement Program FY 2019-2023* CIP Project (73929). It is anticipated that all costs will be spent in FY 2021.

Colorado Street Bridge Enhancements – Suicide Mitigation (73324)	\$	65,000
Bridge Improvement Program FY 2019-2023 (73929)	\$	95,210
Total Sources	\$	160,210

The following table represents a contract summary.


Base Bid	\$	150,210
Contingency	\$	10,000
Total Fiscal Impact	\$	160,210

The preliminary total cost for the various design options, if fully implemented on the Colorado Street Bridge are as follows:

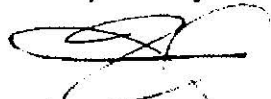
Option A – Curved lamp post treatments at alcoves with straight stainless steel mesh for length of bridge	\$	4.4 Million*
Option B – Curved lamp post treatments at alcoves with curved stainless steel mesh for length of bridge	\$	4.6 Million*
Option C – Straight pickets at alcoves and length of bridge	\$	2.5 Million*

*Note: These estimates are preliminary and rough until material selection and detailing are finalized.

Respectfully submitted,


 ARA MALOYAN
 Director of Public Works

Prepared by:


 Hayden Melbourne, P.E.
 Principal Engineer

Approved by:


 STEVE MERMELL
 City Manager