



CITY OF

NEWPORT BEACH

City Council Staff Report

March 24, 2020
Agenda Item No. 9

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

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TITLE: Water Transmission Main Valve Replacement – Phase 2 & Alta Vista
Regulating Station Relocation Project (18W12 & 19W13) –
Amendment No. 1 to Professional Services Agreement with Psomas
Engineering, Inc. (Contract No. 7539-2)

ABSTRACT:

Staff requests City Council approval to amend a Professional Services Agreement (PSA) with Psomas Engineering, Inc. for design engineering services. The amended agreement includes an expanded valve replacement scope and increases the not-to-exceed amount by \$82,848.00 for the additional work.

RECOMMENDATION:

- a) Determine this action is exempt from the California Environmental Quality Act (CEQA) pursuant to Sections 15060(c)(2) and 15060(c)(3) of the CEQA Guidelines because this action will not result in a physical change to the environment, directly or indirectly;
- b) Approve Amendment No. 1 to Psomas Engineering, Inc.'s PSA, to add \$82,848.00 to the current contract for a total not-to-exceed amount of \$264,868.00; and
- c) Authorize the Mayor and City Clerk to execute the amendment.

FUNDING REQUIREMENTS:

The current adopted CIP budget includes sufficient funding for this Amendment. It will be expensed to account No. 70201931-980000-18W12 (Water Capital Distribution and Piping).

DISCUSSION:

On September 24, 2019, City Council approved Professional Services Agreement with Psomas Engineering, Inc. to provide design engineering services for the Water Transmission Main Valve Replacement – Phase 2 and Alta Vista Regulating Station Relocation project.

This project replaces large diameter water transmission main valves identified in the Water Master Plan. These are older deteriorated valves located on large diameter transmission mains (12-inch through 30-inch) that were installed in the 1960s and used to isolate sections of the water system for maintenance and operations. These valves have outlived their design life and are now due to be replaced. This project's original scope replaced fourteen valves located along Jamboree Road, Newport Boulevard, East Coast Highway and at the Big Canyon Reservoir.

In addition, the project included the Alta Vista Regulating Station Relocation replacement project that relocates an existing station located on Jamboree Road in the center median close to Ford Road. The current location is in a high-speed traffic area that also is flooded by irrigation of the median. Relocation to 2615 Basswood Street (adjacent to Blue Heron Park) will lower maintenance costs, eliminate flooding and improve access for operations.

The project design is nearing completion; however, construction will not be possible until late fall due to the summer peak water demand period. Taking this slight delay as an opportunity, staff recently requested a proposal from Psomas to provide professional design engineering services so as to include seven additional deteriorated valves that need replacement that were planned for next fiscal year (Phase 3). The additional project scope of services will include the abandonment of an existing 10-inch water main located on Jamboree Road between East Coast Highway and Back Bay Drive that is now unnecessary due to system modifications. The Phase 3 additional valve replacements are located at Big Canyon Reservoir, 15th Street, San Miguel Drive and East Coast Highway and identified in the Water Master Plan.

By advancing the design for the above-mentioned work to take advantage of no summer work, Phase 2 and 3 can be completed together at a substantial cost savings to the City. In addition, the Phase 3 work will be completed sooner than planned. The larger Phase 2 and 3 bid package can still be completed this summer and meet the planned construction window for later this year once the high water usage season ends.

Given the scope to design seven additional value replacements as requested, staff believes that the \$82,848 fee is in the same cost per valve range as the original 14 valves.

ENVIRONMENTAL REVIEW:

Staff recommends the City Council find this action is not subject to the California Environmental Quality Act (CEQA) pursuant to Sections 15060(c)(2) (the activity will not result in a direct or reasonably foreseeable indirect physical change in the environment) and 15060(c)(3) (the activity is not a project as defined in Section 15378) of the CEQA Guidelines, California Code of Regulations, Title 14, Chapter 3, because it has no potential for resulting in physical change to the environment, directly or indirectly.

NOTICING:

The agenda item has been noticed according to the Brown Act (72 hours in advance of the meeting at which the City Council considers the item).

ATTACHMENTS:

Attachment A – Location Map

Attachment B – Amendment No. 1 to Psomas Engineering, Inc.'s PSA