



MARK PESTRELLA, Director

**COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS**

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone (626) 458-5100
<http://dpw.lacounty.gov>

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

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ADOPTED

BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

November 16, 2021

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, California 90012

43 November 16, 2021

CELIA ZAVALA
EXECUTIVE OFFICER

Dear Supervisors:

**CONSTRUCTION CONTRACT
WATER RESOURCES CORE SERVICE AREA
ADOPT, ADVERTISE, AND AWARD
ALAMITOS BARRIER PROJECT UNIT 15 REPLACEMENT WELLS
PROJECT ID NO. FCC0001353
IN THE CITIES OF LONG BEACH AND SEAL BEACH
(SUPERVISORIAL DISTRICT 4)
(3 VOTES)**

SUBJECT

Public Works is seeking Board approval to procure a construction contract for the Alamitos Barrier Project Unit 15 Replacement Wells Project in the Cities of Long Beach and Seal Beach.

IT IS RECOMMENDED THAT THE BOARD:

1. Find that the recommended actions are within the scope of a previously approved exemption from the California Environmental Quality Act for the reasons stated in this Board letter and in the record of the project.
2. Approve the project and adopt the plans and specifications that are on file in Project Management Division III of Public Works for the Alamitos Barrier Project Unit 15 Replacement Project at an estimated construction contract cost between \$5,500,000 and \$8,250,000.
3. Instruct the Executive Officer of the Board of Supervisors to advertise for bids in accordance with the Instruction Sheet for Publishing Legal Advertisement and which are to be received before 11 a.m. on December 21, 2021, in accordance with the Notice Inviting Bids.

Bids: December 21, 2021 at 11:00 a.m.

4. Find pursuant to State Public Contract Code, Section 3400(b) that products may be identified by specific brand name in order to match other products in use on a particular public improvement either completed or in the course of completion.

5. Delegate authority to the Chief Engineer of the Los Angeles County Flood Control District or his designee to determine whether the bid of the apparent responsible contractor with the lowest apparent responsive bid is, in fact, responsive and, if not responsive, to determine which apparent responsible contractor submitted the lowest responsive bid.

6. Delegate authority to the Chief Engineer of the Los Angeles County Flood Control District or his designee to award and execute a construction contract for the Alamitos Barrier Project Unit 15 Replacement Wells Project with the responsible contractor with the lowest responsive bid within or less than the estimated cost range of \$5,500,000 and \$8,250,000.

7. Delegate to the Chief Engineer of the Los Angeles County Flood Control District or his designee the following authority in connection with this contract: (1) extend the date and time for the receipt of bids consistent with the requirements of State Public Contract Code, Section 4104.5; (2) allow substitution of subcontractors and relief of bidders upon demonstration of the grounds set forth in State Public Contract Code, Sections 4100 et seq. and 5100 et seq., respectively; (3) approve and execute change orders within the same monetary limits delegated to the Director of Public Works or his designee under Section 2.18.050 of the Los Angeles County Code; (4) accept the project upon its final completion; and (5) release retention money withheld consistent with the requirements of State Public Contract Code, Sections 7107 and 9203.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

Approval of the recommended actions will find that the project is exempt from the California Environmental Quality Act (CEQA) and allow Public Works to construct five new injection wells and two observation wells to replace and supplement existing Alamitos Barrier Project Unit 15 Replacement Wells Project (ABP) facilities that are beyond their useful life and require immediate replacement in the Cities of Long Beach and Seal Beach (see Enclosure A).

The ABP is one of three seawater barriers operated by Los Angeles County Public Works to protect the drinking water supply from seawater intrusion by continuously injecting freshwater to form a protective pressure barrier. Over six million residents of the Counties of Los Angeles and Orange depend on this groundwater, that provides up to 40 percent of the drinking water supply.

This project will construct new injection wells to replace existing wells that are beyond their useful life in order to maintain the freshwater pressure ridge in the underlying aquifers of the Central Basin of the County of Los Angeles and the Orange County Coastal Basin. The new observation wells will provide groundwater elevation and chloride concentration data to enable more efficient operation of the ABP.

It is anticipated the work will start in May 2022 and be completed in December 2022.

Implementation of Strategic Plan Goals

These recommendations support the County Strategic Plan: Strategy III.3, Pursue Operational Effectiveness, Fiscal Responsibility, and Accountability, and Objective III.3.2, Manage and Maximize County Assets, by supporting ongoing efforts to manage and improve public infrastructure assets.

FISCAL IMPACT/FINANCING

There will be no impact to the County General Fund.

The estimated construction contract cost to complete this project is in the range of \$5,500,000 and \$8,250,000. The total project cost is estimated to be \$9,577,000. In addition to the construction contract cost, the total project cost includes the preparation of plans and specifications, construction engineering, inspection, contract administration, change order contingency, environmental compliance, and other County services.

On March 4, 2020, the Board authorized the Los Angeles County Flood Control District to enter into a grant agreement with the State Water Resources Control Board to accept grant funding through the State of California Proposition 1 Groundwater Grant.

On August 31, 2020, Public Works executed a grant agreement with the State Water Resources Control Board to receive grant funding for the ABP in the amount of \$4,191,693 to be used to offset the cost of the project. Reimbursement requests for these grant funds will be made over the course of the project.

The remaining funds for this project are included in the Flood Control District Fund (B07-Capital Assets-Infrastructure) Fiscal Year 2021-22 Budget. Funding for future years will be requested through the annual budget process.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

This project will be advertised in accordance with Section 20991 of the State Public Contract Code.

The State Public Contract Code Section 3400 allows a product to be designated by specific brand name for several purposes, one of which is in order to match other products in use on a particular public improvement either completed or in the course of completion, if the awarding authority makes a finding and language is included in the Notice Inviting Bids. The Notice Inviting Bids includes language describing these findings.

A list of specific brand names and qualified purposes in accordance with the State Public Contract Code is provided in Enclosure B.

The contract award will comply with applicable Federal and State requirements and Board policies and mandates. The contract documents will require the contractor to comply with these same requirements, policies, and mandates. The construction contract will be in the form previously reviewed and approved as to form by County Counsel.

As required by Board Policy No. 5.140, information such as defaulted contracts with the County, complaints filed with the Contractors State License Board, labor violations, and debarment actions will be considered before a contract is awarded.

Documents related to award of this contract will be available at Los Angeles County Public Works, Project Management Division III, 900 South Fremont Avenue, 8th Floor, Alhambra, CA 91803.

ENVIRONMENTAL DOCUMENTATION

On March 4, 2020, the Board previously approved an exemption pursuant to Section 15303(d) of the CEQA Guidelines and Class 3 of the County's Environmental Document Reporting Procedures and Guidelines, Appendix G. These recommendations are within the scope of the previously approved exemption from the CEQA.

CONTRACTING PROCESS

In accordance with the Board's consolidated Local and Targeted Worker Hire Policy, the contract documents will require that at least 30 percent of the total California craft worker hours for construction of the project be performed by Local Residents and at least 10 percent be performed by Targeted Workers facing employment barriers.

To increase contractor awareness of Public Works' program to contract work out to the private sector, this project will be listed on both the County's "Doing Business with the County" and "Do Business with Public Works" websites for open bids:

<http://www.lacounty.gov/business/doing-business-with-the-county>

<http://pw.lacounty.gov/general/contracts/opportunities>

Also, the contract solicitation will be advertised through web-based and social media platforms, including Twitter.

In addition, in order to increase opportunities for small businesses, Public Works will be coordinating with the Office of Small Business at the Department of Consumer and Business Affairs to maximize outreach, as well as offering preferences to Local Small Business Enterprises, Social Enterprises, and Disabled Veteran Business Enterprises in compliance with Los Angeles County Code, Chapters 2.204, 2.205, and 2.211.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

When the project is completed, it will have a positive impact by improving groundwater quality and increasing groundwater replenishment. Approval of these actions will benefit Public Works by allowing the Los Angeles County Flood Control District to improve operational efficiency and effectiveness of the ABP and to protect the local groundwater supply from seawater intrusion.

CONCLUSION

Please return an adopted copy of this letter to Public Works, Project Management Division III.

Respectfully submitted,



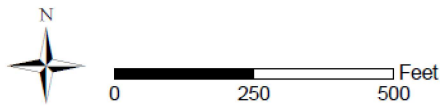
MARK PESTRELLA, PE
Director

MP:SRB:ml

Enclosures

c: Chief Executive Office (Chia-Ann Yen)
County Counsel
Executive Office
Internal Services Department (Countywide
Contract Compliance)

**Alamitos Barrier Project
Unit 15**



Document Path: P:\wrd\OPERATIONS\Seawater Barriers\ABP\PROJECTS\ABP Unit 15\GIS\ABP Unit 15 Replacement Wells - Copy.mxd

Legend

-  Existing Observation Well
-  Existing Injection Well
-  Proposed Observation Well
-  Injection Well to Be Replaced
-  Proposed Injection Well
-  Water Supply Pipeline

ALAMITOS BARRIER PROJECT UNIT 15
PROJECT ID NO. FCC0001353

LIST OF SPECIFIC BRAND NAMES IN ACCORDANCE WITH STATE PUBLIC
CONTRACT CODE SECTION 3400

	Item/Category	Manufacturer	Model	Purpose
1	Magnetic Flow Meter	Siemens	MAG 5100 W, 7ME6580-3TJ14-2AA2	(Purpose Item No. 2) In order to match other products in use on LACFCD-maintained facilities either completed or in the course of completion, and in order to obtain a necessary item that is only available from one source.
2	Stainless Steel Screen Casing	Roscoe Moss	Continuous slot, wire wound, type 316, extra strength	(Purpose Item No. 2) In order to match other products in use on LACFCD-maintained facilities either completed or in the course of completion.
3	Baroid Benseal	Baroid Industrial Drilling Products	Baroid Sealing and Plugging Agent	(Purpose Item No. 2) In order to match other products in use on LACFCD-maintained facilities either completed or in the course of completion.
4	Programmable Logic Controller (PLC) Programming Software	Siemens	Simatic Manager Step 7V.5.6 or latest version	(Purpose Item No. 2) In order to match other products in use on LACFCD-maintained facilities either completed or in the course of completion.
5	PLC Input/Output Module	Siemens	Siemens Analog Input/Output Module	(Purpose Item No. 2) In order to match other products in use on LACFCD-maintained facilities either completed or in the course of completion.
6	PLC Human Machine Interface Software	Siemens	Siemens WinCC	(Purpose Item No. 2) In order to match other products in use on LACFCD-maintained facilities either completed or in the course of completion.
7	Cellular Modem/Router	Cisco	Cisco IR809G Cellular Modem/Router	(Purpose Item No. 2) In order to match other products in use on LACFCD-maintained facilities either completed or in the course of completion.
8	Mobile Antenna	Cisco	Cisco MLPV Mobile Antenna	(Purpose Item No. 2) In order to match other products in use on LACFCD-maintained facilities either completed or in the course of completion.
9	Power Supply	Cisco	Cisco TPSN-50AB Power Supply	(Purpose Item No. 2) In order to match other products in use on LACFCD-maintained facilities either completed or in the course of completion.