



**Long Beach Water**

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## **Board of Water Commissioners**

April 1, 2021 Board Meeting

CHRISTOPHER J. GARNER, General Manager

### **Subject:**

Authorize the General Manager to execute an Agreement with Harper & Associates Engineering, Inc., to provide Engineering Design and Construction Management Services for the Alamitos Tanks No. 8 and 10 Rehabilitation Project (EO-3558), in the amount not-to-exceed \$284,780.

### **Executive Summary:**

Alamitos Tanks No. 8 and 10 were identified for rehabilitation as part of the 2019 Tank Master Plan project due to their deteriorated interior coating and wooden roofs. The Project will replace the interior coating; upgrade the columns and the overflow; remove and replace roofing material, vent screening, fall restraint systems, and cathodic protection; and spot repair the exterior painting at both tanks.

On January 20, 2021, staff solicited proposals to provide Engineering Design and Construction Management Services for the Alamitos Tanks No. 8 and 10 Rehabilitation Project (EO-3558). Three (3) proposals were received, evaluated, and analyzed. Staff recommends Harper & Associates Engineering, Inc., based on their engineering design experience on similar projects, project understanding, resource availability, and reasonableness of their fee. The not-to-exceed amount for their services is \$284,780 and the duration of the Agreement is through project completion.

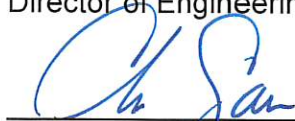
### **Recommendation/Fiscal Impacts**

Authorize the General Manager to execute an Agreement with Harper & Associates Engineering, Inc., to provide Engineering Design and Construction Management Services for the Alamitos Tanks No. 8 and 10 Rehabilitation Project (EO-3558), in the amount not-to-exceed \$284,780.

**Fiscal Impact:** The cost to the Water Fund will be incurred during FY 21, FY 22 and FY 23 with the annual amounts unknown at this time, but the total amount will not exceed the contract total of \$284,780. These costs are included in the Water Fund FY 21 Budget, and will be included in the FY 22 and FY 23 Budgets.

 03-24-21

Robert J. Verceles, P.E. Date  
Director of Engineering/Chief Engineer

 3/24/21

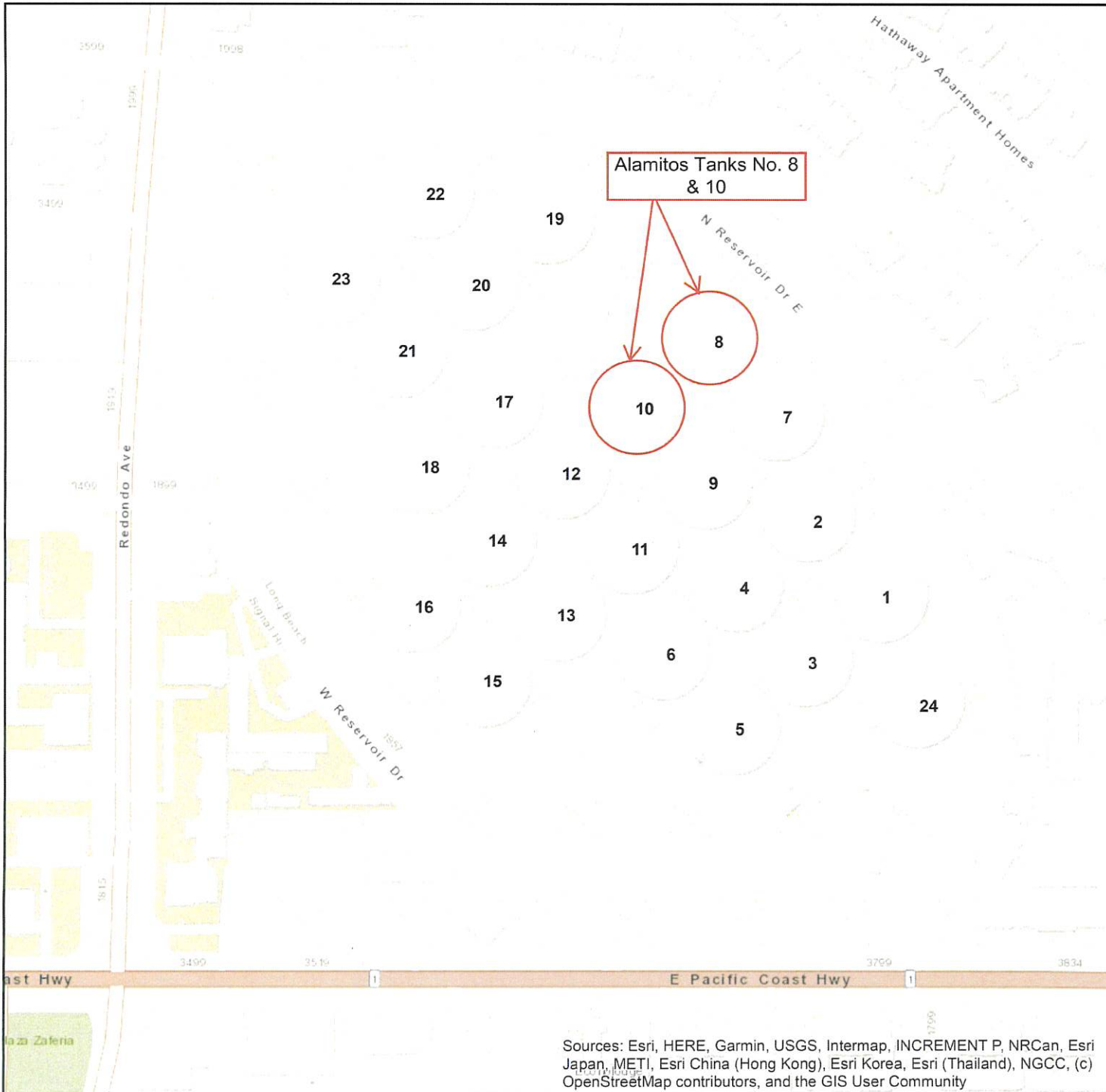
Christopher J. Garner Date  
General Manager

Attachments

**Engineering Design and Construction Management  
Services for the Alamitos Tanks No. 8 & 10  
Rehabilitation Project (EO-3558)**

Date: 3/15/21

CONSULTANT	RANKING
Harper & Associates Engineering, Inc.	1
CSI Services, Inc.	2
ESRC	3



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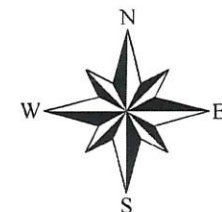
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## Alamitos Tanks No. 8 & 10 Rehabilitation Project (EO-3558)

### Location Map



Project Location



1 inch = 200 feet



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community