



# Long Beach Water

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**Board of Water Commissioners**  
September 17, 2020 Board Meeting

**CHRISTOPHER J. GARNER**, General Manager

**Subject:**

Authorize the General Manager to execute an Agreement with HDR Engineering, Inc., to provide Engineering Services for the Alamitos Tank Nos. 19 & 20 Conversion Project (REO-0208), in the amount not-to-exceed \$598,747.

**Executive Summary:**

Alamitos Tank Nos. 19 & 20 were identified for rehabilitation as part of the 2019 Tank Master Plan project due to their deteriorated interior coating and steel roof rafters. In addition, LBWD recently renegotiated the agreement to provide the Water Replenishment District (WRD) with increased recycled water supply and storage capacity. Due to their proximity to nearby existing recycled water tanks and main lines, Alamitos Tank Nos. 19 & 20 were selected to be converted from potable to recycled water usage.

On July 27, 2020, staff solicited proposals through Planet Bids to provide Engineering Services for the Alamitos Tank Nos. 19 & 20 Conversion Project (REO-0208). Four (4) proposals were received, evaluated, and analyzed. Staff recommends HDR 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 \$598,747 and the duration of the Agreement is through project completion.

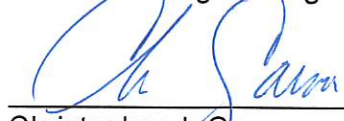
**Recommendation/Fiscal Impacts**

Authorize the General Manager to execute an Agreement with HDR Engineering Inc., to provide Engineering Services for the Alamitos Tank Nos. 19 & 20 Conversion Project (REO-0208), in the amount not-to-exceed \$598,747.

**Fiscal Impact:** The cost to the Water Fund will be incurred during FY 21 and FY 22 with the annual amounts unknown at this time, but the total amount will not exceed the contract total of \$598,747. These costs are included in the Water Fund FY 21 and FY 22 Budgets and financial projections.

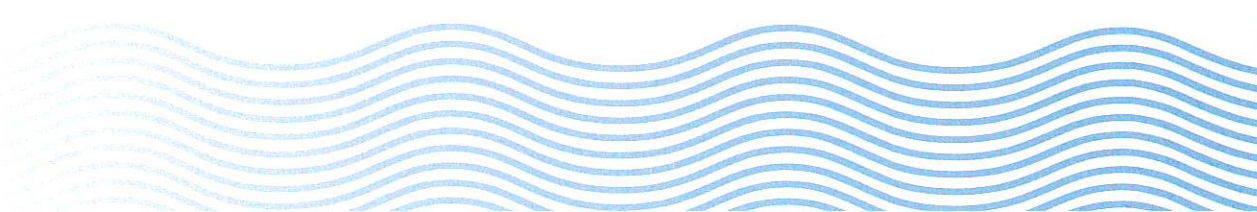
 09-03-20

Robert J. Verceles, P.E. Date  
Director of Engineering

 9/8/20

Christopher J. Garner Date  
General Manager

Attachments



**ENGINEERING SERVICES FOR  
THE ALAMITOS TANK NOS. 19 & 20 CONVERSION PROJECT  
(REO-0208)**

**PROPOSAL EVALUATION**

	<b>CONSULTANT</b>
<b>1</b>	HDR Engineering, Inc.
<b>2</b>	ERSC, Inc.
<b>3</b>	Harper & Associates Engineering, Inc.
<b>4</b>	AKM Consulting Engineers, Inc.

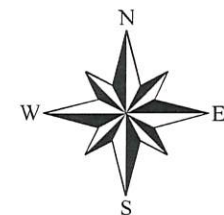


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**Alamitos Tank Nos. 19 & 20  
Conversion Project  
(REO-0208)**

**Project Location Map**



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

