



**DATE:** February 12, 2019

**CATEGORY:** Consent

**DEPT.:** Public Works

**TITLE:** **Amend Design Professional Services Agreement with GHD Inc. for Various CIP Projects**

### **RECOMMENDATION**

Authorize the City Manager to amend the professional services agreement with GHD Inc. for the Charleston Slough Feasibility Study, Project 17-31, and South Bay Salt Pond Restoration, Project 18-53, to provide additional services and increase compensation by \$100,000 for a total contract amount not to exceed \$192,700.

### **BACKGROUND**

The City uses GHD Inc. (GHD) for on-call engineering services for two related projects, the Charleston Slough Feasibility Study, Project 17-31, and the South Bay Salt Pond Restoration, Project 18-53. GHD's services include various technical disciplines such as environmental and regulatory permitting, civil engineering, geotechnical engineering, structural engineering, hydraulic engineering, tidal restoration design, ecology, and fluvial geomorphology. Such specialized services are needed for these projects, each of which is briefly described as follows:

#### **Charleston Slough Feasibility Study**

When the City acquired Charleston Slough from Leslie Salt Company in 1980, Leslie Salt's mitigation requirement to restore 53 acres of tidal marsh became the City's responsibility. The restoration of Charleston Slough falls under the jurisdiction the San Francisco Bay Conservation and Development Commission (BCDC) and consists of sediment deposition to create habitat for tidal marsh flora and fauna. In the mid 1990s, the City installed tide gates to encourage sediment deposition, though success has been very limited. The City, with the assistance of GHD, is evaluating alternatives for meeting the mitigation requirements. The project also includes a study of water quality in the Sailing Lake, which obtains water from Charleston Slough, to identify opportunities to optimize the lake's pump station operations and management of water quality and sediment control.

South Bay Salt Pond Restoration

The California State Coastal Conservancy (CSCC) is designing improvements to restore former salt ponds in the South Bay, including Ponds A1 and A2W, that are adjacent to Shoreline at Mountain View Regional Park. The City is coordinating and partnering with the CSCC to include a number of sea level rise improvements in the South Bay Salt Pond Project. The City contracts with GHD staff to assist with this coordination.

On August 15, 2017, the City executed an agreement with GHD for \$92,700 to provide on-call engineering services. On December 12, 2018, the City executed Amendment No. 1 with GHD to extend the term of the Agreement to December 31, 2020.

**ANALYSIS**

Additional funding is recommended for GHD to provide additional services, some of which are listed in the table below:

<b>CIP Project</b>	<b>Summary of Key Tasks</b>
Charleston Slough Feasibility Study, Project 17-31	<ul style="list-style-type: none"> <li>• Charleston Slough tidal marsh restoration study</li> <li>• Charleston Slough improvement concept design development</li> <li>• Charleston Slough Mitigation Plan</li> <li>• BCDC permit revision</li> <li>• Sailing Lake water quality study</li> <li>• Sailing Lake pump station and lake improvement concept design development</li> </ul>
South Bay Salt Pond Restoration, Project 18-53	<ul style="list-style-type: none"> <li>• Development of interagency agreement</li> <li>• Ponds A1 and A2W restoration design (led by CSCC)</li> <li>• Coast-Casey levee design (led by CSCC)</li> <li>• Sailing Lake pump station design</li> <li>• Construction logistic coordination, including construction access and truck routing</li> </ul>

Staff estimates the recommended amendment would fund services through the end of 2020.

**FISCAL IMPACT**

The recommendation proposes to add \$100,000 to the contract with GHD for a total contract value of \$192,700 as shown in the table below.

	<b>Current Contract</b>	<b>Proposed Amendment</b>
Charleston Slough Feasibility Study, Project 17-31	\$51,500	\$40,000
South Bay Salt Pond Restoration, Project 18-53	41,200	60,000
Subtotal	\$92,700	100,000
<b>TOTAL CONTRACT</b>		<b>\$192,700</b>

There are sufficient funds in the Charleston Slough Feasibility Study, Project 17-31, and South Bay Salt Pond Restoration, Project 18-53, for the recommended amendment amounts.

**ALTERNATIVES**

1. Do not authorize the contract amendment.
2. Provide other direction.

**PUBLIC NOTICING** – Agenda posting.

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946-02-12-19CR

Attachment: 1. GHD On-Call Services and Fee Schedule

cc: APWD – Solomon, PCE – Au, SPM – Wong, SMA – Goedicke, File 17-31 and 18-53