### Proposed Modifications to Personal Services Contracts

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<th>PSC Number</th>
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<th>Additional Amount</th>
<th>Cumulative Total</th>
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The Airport is preparing a Shoreline Protection Plan to mitigate the effects of storms and rising sea levels on the airport campus. The Shoreline protection system construction design must pass the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) environmental permitting process before construction can start. The consultant will provide engineering support to the Airport Shoreline Protection Program during its environmental permitting process.
permitting process. The consultant will prepare and perform the following tasks:

1. Geotechnical field investigation and geotechnical analysis
2. Topography and bathymetric surveys on active airfield
3. Schematic engineering, constructability review, and design concept review
4. Hydraulic and hydrologic and coastal engineering study to support the Airport in obtaining a Federal Emergency Management Agency (FEMA) Conditional Letter of Map Revision (CLOMR). This includes coastal, upland engineering and hydrodynamic sediment transport analyses.
5. As-needed: FAA (Federal Aviation Administration) Navigational Aids (NAVAIDS) flight analysis; engineering support for
Advance Mitigation Conceptual Planning; engineering study for flood protection and sea-level rise solutions along the Airport and HWY-101; and environmental factors for construction documents.

The scope of the "Twin Peaks Tunnel W1 Crossover ATCS Activation Project" is activation of the train control system in one crossover in the Twin Peaks tunnel adjacent to West Portal Station. As part of this project, this crossover will be electronically integrated with the adjacent surface interlock at West Portal and Ulloa to ensure coordinated train movements throughout the West Portal area. Detailed design, software implementation, and testing will be performed by Thales Transport and Security, Inc.
TOTAL AMOUNT $3,400,000